



## KRISHNA CHAITANYA INSTITUTE OF TECHNOLOGY & SCIENCES

Devarajugattu (Post), Peddaraveedu (Mandal), Prakasam Dist. - 523 320.

(Approved by A.I.C.T.E., New Delhi, & Affiliated to JNTUK, Kakinada)

NAAC ACCREDITED INSTITUTION

### INDEX for Metric 2.5.1

<b>S. No</b>	<b>Related File Name</b>	<b>Page Numbers</b>
1	Affiliating University JNTUK Academic Regulations R16, R19 & R20 about CIE	1-48
2	Academic Calendars of Affiliating University, JNTUK	49-57
3	Mid Term Examinations Time tables from Affiliating University, JNTUK	58-94
4	Circulars about Mid Exams	95-98
6	Sample of Details about Mid Exam Invigilation duties	99-102
7	Sample of Mid Exam Question paper and Answer Sheet	103-107
8	Sample of Assignment of a subject (Course)	108-116
9	Sample of Internal Lab Exam Question paper and Answer Sheet	117-120
10	Mid Term Exam Marks Display (Descriptive, Quiz, Assignment)	121-173
11	Internal Lab Marks Display	173-185
12	Semester Exam Time Tables from Affiliating University, JNTUK	186-228
13	Results Website of Affiliating University, JNTUK	229
14	End Semester Results Published by the Affiliating University, JNTUK	230-270
15	Results Display in College ECAP	271

**ACADEMIC REGULATIONS  
COURSE STRUCTURE & DETAILED SYLLABUS**

For

**B.Tech FOUR YEAR DEGREE COURSE**

**(Applicable for the batches admitted from 2016-17)**



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY  
KAKINADA**

KAKINADA – 533003, ANDHRA PRADESH, INDIA.

## **ACADEMIC REGULATIONS (R16) FOR B. TECH. (REGULAR)**

**Applicable for the students of B. Tech. (Regular) from the Academic Year 2016-17 onwards**

### **1. Award of B. Tech. Degree**

A student will be declared eligible for the award of B. Tech. Degree if he fulfils the following academic regulations:

1. A student shall be declared eligible for the award of the B. Tech Degree, if he pursues a course of study in not less than four and not more than eight academic years
2. The candidate shall register for 180 credits and secure all the 180 credits.

### **2. Courses of study**

The following courses of study are offered at present as specializations for the B. Tech. Courses with English as medium of Instruction.

<b>S. No</b>	<b>Branch</b>
<b>01</b>	Civil Engineering
<b>02</b>	Electrical and Electronics Engineering
<b>03</b>	Mechanical Engineering
<b>04</b>	Electronics and Communication Engineering
<b>05</b>	Computer Science and Engineering
<b>06</b>	Information Technology
<b>07</b>	Petro Chemical Engineering
<b>08</b>	Chemical Engineering
<b>09</b>	Electronics and Instrumentation Engineering
<b>10</b>	Aeronautical Engineering
<b>11</b>	Automobile Engineering
<b>12</b>	Bio Technology
<b>13</b>	Electronics and Computer Engineering
<b>14</b>	Mining Engineering
<b>15</b>	Petroleum Engineering
<b>16</b>	Metallurgical Engineering
<b>17</b>	Agricultural Engineering

### 3. Distribution and Weightage of Marks

- (i) The performance of a student in each semester shall be evaluated subject – wise with a maximum of 100 marks for theory subject and 75 marks for practical subject. The project work shall be evaluated for 200 marks.
- (ii) For theory subjects the distribution shall be 30 marks for Internal Evaluation and 70 marks for the End - Examinations.
- (iii) For theory subjects, during the semester there shall be 2 tests. The weightage of Internal marks for 30 consists of Descriptive – 15, Assignment - 05 (Theory, Design, Analysis, Simulation, Algorithms, Drawing, etc. as the case may be and for Physics, Virtual Labs to be considered as Assignments) Objective -10 (Conducted at College level with 20 Multiple choice question with a weightage of ½ Mark each). The objective examination is for 20 minutes duration. The subjective examination is for 90 minutes duration conducted for 15 marks. Each subjective type test question paper shall contain **3 questions** and all questions need to be answered. The Objective examination conducted for 10 marks and subjective examination conducted for 15 marks are to be added to the assignment marks of 5 for finalizing internal marks for 30.

Internal Marks can be calculated with 80% weightage for best of the two Mids and 20% weightage for other Mid Exam As the syllabus is framed for 6 units, the 1<sup>st</sup> mid examination (both Objective and Subjective) is conducted in 1-3 units and second test in 4-6 units of each subject in a semester.

- (iv) The end semester examination is conducted covering the topics of all Units for 70 marks. End Exam Paper: Part-A 1st Question is mandatory covering all the syllabus which contains seven 2 marks questions for 14 marks with atleast 2 marks of question for each of the six units and in Part-B 4 Questions out of 6 Questions are to be answered with each carrying 14 marks . Part-A & Part-B put together gives for 70 marks.
- (v) For practical subjects there shall be continuous evaluation during the semester for 25 internal marks and 50 end examination marks. The internal 25 marks shall be awarded as follows: day to day work - 10 marks, Record-5 marks and the remaining 10 marks to be awarded by conducting an internal laboratory test. The end examination shall be conducted by the teacher concerned and external examiner.
- (vi) For the subject having design and / or drawing, (such as Engineering Graphics, Engineering Drawing, Machine Drawing) and estimation, the distribution shall be 30 marks for internal evaluation ( 20 marks for day – to – day work, and 10 marks for internal tests) and 70 marks for end examination. There shall be two internal tests in a Semester and the Marks for 10 can be calculated with 80% weightage for best of the two tests and 20% weightage for other test and these are to be added to the marks obtained in day to day work.
- (vii) For the seminar, Each student has to be evaluated based on the presentation of any latest topic with report of 10-15 pages and a ppt of min 10 slides. The student shall collect the information on a specialized topic and prepare a technical report, showing his understanding over the topic, and submit to the department, which shall be evaluated by the Departmental committee consisting of Head of the department, seminar supervisor and a senior faculty member. The seminar report shall be evaluated for 50 marks. There shall be no external examination for seminar.



- (viii) Out of a total of 200 marks for the project work, 60 marks shall be for Internal Evaluation and 140 marks for the End Semester Examination. The End Semester Examination (Viva – Voce) shall be conducted by the committee. The committee consists of an external examiner, Head of the Department and Supervisor of the Project. The evaluation of project work shall be conducted at the end of the IV year. The Internal Evaluation shall be on the basis of two seminars given by each student on the topic of his project and evaluated by an internal committee.
- (ix) Laboratory marks and the internal marks awarded by the College are not final. The marks are subject to scrutiny and scaling by the University wherever felt desirable. The internal and laboratory marks awarded by the College will be referred to a Committee. The Committee shall arrive at a scaling factor and the marks will be scaled as per the scaling factor. The recommendations of the Committee are final and binding. The laboratory records and internal test papers shall be preserved in the respective departments as per the University norms and shall be produced to the Committees of the University as and when they ask for.

#### 4. Attendance Requirements

1. A student is eligible to write the University examinations if he acquires a minimum of 75% of attendance in aggregate of all the subjects.
2. Condonation of shortage of attendance in aggregate up to 10% (65% and above and below 75%) in each semester may be granted by the College Academic Committee
3. Shortage of Attendance below 65% in aggregate shall not be condoned.
4. A student who is short of attendance in semester may seek re-admission into that semester when offered within 4 weeks from the date of the commencement of class work.
5. Students whose shortage of attendance is not condoned in any semester are not eligible to write their end semester examination of that class.
6. A stipulated fee shall be payable towards condonation of shortage of attendance.
7. A student will be promoted to the next semester if he satisfies the (i)attendance requirement of the present semester and (ii) minimum required credits.
8. If any candidate fulfills the attendance requirement in the present semester, he shall not be eligible for readmission into the same class.

#### 5. Minimum Academic Requirements

The following academic requirements have to be satisfied in addition to the attendance requirements mentioned in item no.4.

- 5.1 A student is deemed to have satisfied the minimum academic requirements if he has **earned the credits allotted to each theory/practical design/drawing subject/project by securing not less than 35% of marks in the end semester exam, and minimum 40% of marks in the sum total of the internal marks and end semester examination marks.**
- 5.2 A student shall be promoted from first year to second year if he fulfills the minimum attendance requirement.
- 5.3 A student will be **promoted from II year to III year** if he fulfills the academic requirement of **40% of the credits up to either II year I semester or II year II semester from all the examinations, whether or not the candidate takes the examinations and secures prescribed minimum attendance in II year II semester.**

5.4 A student shall be **promoted from III year to IV year** if he fulfils the academic requirements of **40% of the credits up to either III year I semester or III year II semester from all the examinations, whether or not the candidate takes the examinations and secures prescribed minimum attendance in III year II semester.**

5.5 A student shall register and put up minimum attendance in all 180 credits and earn all 180 credits.

## **6. Course Pattern**

1. The entire course of study is for four academic years, all the years are on semester pattern.
2. A student eligible to appear for the end semester examination in a subject, but absent from it or has failed in the end semester examination, may write the exam in that subject when conducted next.
3. When a student is detained for lack of credits / shortage of attendance, he may be re-admitted into the same semester / year in which he has been detained. However, the academic regulations under which he was first admitted shall continue to be applicable to him.

## **7. CGPA**

<b>Marks Range Theory (Max – 100)</b>	<b>Marks Range Lab (Max – 75)</b>	<b>Letter Grade</b>	<b>Level</b>	<b>Grade Point</b>
≥ 90	≥ 67	O	Outstanding	10
≥80 to <90	≥60 to <67	S	Excellent	9
≥70 to <80	≥52 to <60	A	Very Good	8
≥60 to <70	≥45 to <52	B	Good	7
≥50 to <60	≥37 to <45	C	Fair	6
≥40 to <50	≥30 to <37	D	Satisfactory	5
<40	<30	F	Fail	0
			Absent	0

### **Computation of SGPA**

The following procedure is to be adopted to compute the Semester Grade Point Average. (SGPA) and Cumulative Grade Point Average (CGPA):

The **SGPA** is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e

$$\text{SGPA (Si)} = \frac{\sum (C_i \times G_i)}{\sum C_i}$$

Where  $C_i$  is the number of credits of the  $i$ th course and  $G_i$  is the grade point scored by the student in the  $i$ th course.

### **Computation of CGPA**

- The **CGPA** is also calculated in the same manner taking into account all the courses undergone by a student over all the semester of a programme, i.e.

$$\text{CGPA} = \frac{\sum (C_i \times S_i)}{\sum C_i}$$

Where  $S_i$  is the SGPA of the  $i^{\text{th}}$  semester and  $C_i$  is the total number of credits in that semester.

- The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts.
- Equivalent Percentage =  $(\text{CGPA} - 0.75) \times 10$

### **8. Award of Class**

After a student has satisfied the requirements prescribed for the completion of the program and is eligible for the award of B. Tech. Degree, he shall be placed in one of the following four classes:

<b>Class Awarded</b>	<b>CGPA to be secured</b>	<b>From the CGPA secured from 180 Credits.</b>
First Class with Distinction	$\geq 7.75$ with no subject failures	
First Class	$\geq 6.75$ with subject failures	
Second Class	$\geq 5.75$ to $< 6.75$	
Pass Class	$\geq 4.75$ to $< 5.75$	

### **9. Minimum Instruction Days**

The minimum instruction days for each semester shall be 90 working days.

10. There shall be no branch transfers after the completion of the admission process.
11. There shall be no transfer from one college/stream to another within the Constituent Colleges and Units of Jawaharlal Nehru Technological University Kakinada.

### **12. Withholding of Results**

If the student has not paid the dues, if any, to the university or if any case of indiscipline is pending against him, the result of the student will be withheld. His degree will be withheld in such cases.

### **13. Transitory Regulations**

1. Discontinued or detained candidates are eligible for readmission as and when next offered.
2. The readmitted students will be governed by the regulations under which the candidate has been admitted.
3. (a) In case of transferred students from other Universities, the credits shall be transferred to JNTUK as per the academic regulations and course structure of the JNTUK.

(b) The students seeking transfer to colleges affiliated to JNTUK from various other Universities / Institutions have to obtain the credits of any equivalent subjects as prescribed by JNTUK. In addition, the transferred candidates have to pass the failed subjects at the earlier institute with already obtained sessional marks to be conducted by JNTUK.

#### **14. General**

1. Wherever the words “he”, “him”, “his”, occur in the regulations, they include “she”, “her”, “hers”.
2. The academic regulation should be read as a whole for the purpose of any interpretation.
3. In case of any doubt or ambiguity in the interpretation of the above rules, the decision of the Vice-Chancellor is final.
4. The University may change or amend the academic regulations or syllabi at any time and the changes or amendments made shall be applicable to all the students with effect from the dates notified by the University.

\*\*\*

## ACADEMIC REGULATIONS (R13) FOR B. TECH. (LATERAL ENTRY SCHEME)

Applicable for the students admitted into II year B. Tech. from the Academic Year 2017-18 onwards

### 1 Award of B. Tech. Degree

A student will be declared eligible for the award of B. Tech. Degree if he fulfils the following academic regulations:

- 1.1 A student shall be declared eligible for the award of the B. Tech Degree, if he pursues a course of study in not less than three academic years and not more than six academic years.
- 1.2 The candidate shall register for 132 credits and secure all the 132 credits.

2. The attendance regulations of B. Tech. (Regular) shall be applicable to B.Tech.

### 3. Promotion Rule

A student shall be promoted from second year to third year if he fulfills the minimum attendance requirement.

A student shall be promoted from III year to IV year if he fulfils the academic requirements of 40% of the credits up to either III year I semester or III year II semester from all the examinations, whether or not the candidate takes the examinations and secures prescribed minimum attendance in III year II semester.

### 4. Award of Class

After a student has satisfied the requirement prescribed for the completion of the program and is eligible for the award of B. Tech. Degree, he shall be placed in one of the following four classes:

Class Awarded	CGPA to be secured	From the CGPA secured from 132 Credits from II Year to IV Year
First Class with Distinction	$\geq 7.75$ with no subject failures	
First Class	$\geq 6.75$ with subject failures	
Second Class	$\geq 5.75$ to $< 6.75$	
Pass Class	$\geq 4.75$ to $< 5.75$	

The marks obtained in the internal evaluation and the end semester examination shall be shown separately in the marks memorandum.

5. All the other regulations as applicable to **B. Tech. 4-year degree course (Regular)** will hold good for **B. Tech. (Lateral Entry Scheme)**.

## MALPRACTICES RULES

### DISCIPLINARY ACTION FOR / IMPROPER CONDUCT IN EXAMINATIONS

	<b>Nature of Malpractices/Improper conduct</b>	<b>Punishment</b>
	<i>If the candidate:</i>	
1. (a)	Possesses or keeps accessible in examination hall, any paper, note book, programmable calculators, Cell phones, pager, palm computers or any other form of material concerned with or related to the subject of the examination (theory or practical) in which he is appearing but has not made use of (material shall include any marks on the body of the candidate which can be used as an aid in the subject of the examination)	Expulsion from the examination hall and cancellation of the performance in that subject only.
(b)	Gives assistance or guidance or receives it from any other candidate orally or by any other body language methods or communicates through cell phones with any candidate or persons in or outside the exam hall in respect of any matter.	Expulsion from the examination hall and cancellation of the performance in that subject only of all the candidates involved. In case of an outsider, he will be handed over to the police and a case is registered against him.
2.	Has copied in the examination hall from any paper, book, programmable calculators, palm computers or any other form of material relevant to the subject of the examination (theory or practical) in which the candidate is appearing.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted to appear for the remaining examinations of the subjects of that Semester/year. The Hall Ticket of the candidate is to be cancelled and sent to the University.
3.	Impersonates any other candidate in connection with the examination.	The candidate who has impersonated shall be expelled from examination hall. The candidate is also debarred and forfeits the seat. The performance of the original candidate who has been impersonated, shall be cancelled in all the subjects of the examination (including practicals and project work) already appeared and shall not be allowed to appear for examinations of the remaining subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat. If the imposter is an outsider, he will be handed over to the police and a case is registered against him.
4.	Smuggles in the Answer book or additional sheet or takes out or arranges to send out the question paper during the examination or answer book or additional sheet, during or after the	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the

	examination.	remaining examinations of the subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
5.	Uses objectionable, abusive or offensive language in the answer paper or in letters to the examiners or writes to the examiner requesting him to award pass marks.	Cancellation of the performance in that subject.
6.	Refuses to obey the orders of the Chief Superintendent/Assistant – Superintendent / any officer on duty or misbehaves or creates disturbance of any kind in and around the examination hall or organizes a walk out or instigates others to walk out, or threatens the officer-in charge or any person on duty in or outside the examination hall of any injury to his person or to any of his relations whether by words, either spoken or written or by signs or by visible representation, assaults the officer-in-charge, or any person on duty in or outside the examination hall or any of his relations, or indulges in any other act of misconduct or mischief which result in damage to or destruction of property in the examination hall or any part of the College campus or engages in any other act which in the opinion of the officer on duty amounts to use of unfair means or misconduct or has the tendency to disrupt the orderly conduct of the examination.	In case of students of the college, they shall be expelled from examination halls and cancellation of their performance in that subject and all other subjects the candidate(s) has (have) already appeared and shall not be permitted to appear for the remaining examinations of the subjects of that semester/year. The candidates also are debarred and forfeit their seats. In case of outsiders, they will be handed over to the police and a police case is registered against them.
7.	Leaves the exam hall taking away answer script or intentionally tears of the script or any part thereof inside or outside the examination hall.	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.

8.	Possess any lethal weapon or firearm in the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat.
9.	If student of the college, who is not a candidate for the particular examination or any person not connected with the college indulges in any malpractice or improper conduct mentioned in clause 6 to 8.	Student of the colleges expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat. Person(s) who do not belong to the College will be handed over to police and, a police case will be registered against them.
10.	Comes in a drunken condition to the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year.
11.	Copying detected on the basis of internal evidence, such as, during valuation or during special scrutiny.	Cancellation of the performance in that subject and all other subjects the candidate has appeared including practical examinations and project work of that semester/year examinations.
12.	If any malpractice is detected which is not covered in the above clauses 1 to 11 shall be reported to the University for further action to award suitable punishment.	

#### **Malpractices identified by squad or special invigilators**

1. Punishments to the candidates as per the above guidelines.
2. Punishment for institutions : (if the squad reports that the college is also involved in encouraging malpractices)
  - (i) A show cause notice shall be issued to the college.
  - (ii) Impose a suitable fine on the college.
  - (iii) Shifting the examination centre from the college to another college for a specific period of not less than one year.

\* \* \* \* \*










# Ragging

## Prohibition of ragging in educational institutions Act 26 of 1997

### Salient Features

- ⇒ Ragging within or outside any educational institution is prohibited.
- ⇒ Ragging means doing an act which causes or is likely to cause Insult or Annoyance of Fear or Apprehension or Threat or Intimidation or outrage of modesty or Injury to a student

	Imprisonment upto		Fine Upto
Teasing, Embarrassing and Humiliation	 6 Months	+	<b>Rs. 1,000/-</b>
Assaulting or Using Criminal force or Criminal intimidation	 1 Year	+	<b>Rs. 2,000/-</b>
Wrongfully restraining or confining or causing hurt	 2 Years	+	<b>Rs. 5,000/-</b>
Causing grievous hurt, kidnapping or Abducts or rape or committing unnatural offence	 5 Years	+	<b>Rs. 10,000/-</b>
Causing death or abetting suicide	 10 Months	+	<b>Rs. 50,000/-</b>

In Case of Emergency CALL TOLL FREE NO. : 1800 - 425 - 1288

LET US MAKE JNTUK A RAGGING FREE UNIVERSITY



# Ragging

## **ABSOLUTELY NO TO RAGGING**

---

1. Ragging is prohibited as per Act 26 of A.P. Legislative Assembly, 1997.
2. Ragging entails heavy fines and/or imprisonment.
3. Ragging invokes suspension and dismissal from the College.
4. Outsiders are prohibited from entering the College and Hostel without permission.
5. Girl students must be in their hostel rooms by 7.00 p.m.
6. All the students must carry their Identity Cards and show them when demanded
7. The Principal and the Wardens may visit the Hostels and inspect the rooms any time.



**Jawaharlal Nehru Technological University Kakinada**  
For Constituent Colleges and Affiliated Colleges of JNTUK

**In Case of Emergency CALL TOLL FREE NO. : 1800 - 425 - 1288**

**LET US MAKE JNTUK A RAGGING FREE UNIVERSITY**

**ACADEMIC REGULATIONS**  
**COURSE STRUCTURE & DETAILED SYLLABUS**

For

**B.Tech FOUR YEAR DEGREE COURSE**

**(Applicable for the batches admitted from 2019-20)**



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**KAKINADA – 533003, ANDHRA PRADESH, INDIA.**

**ACADEMIC REGULATIONS (R19) FOR B. TECH. (REGULAR)**

**Applicable for the students of B. Tech. (Regular) from the Academic Year 2019-20 onwards**

**1. Award of B. Tech. Degree**

1.1 A student will be declared eligible for the award of B. Tech. Degree if he fulfils the following academic regulations:

1. A student shall be declared eligible for the award of the B. Tech Degree, if he pursues a course of study in not less than four and not more than eight academic years. After eight academic years from the year of their admission, he/she shall **forfeit** their seat in B. Tech course and their admission stands cancelled.
2. The candidate shall register for 160 credits and secure all the 160 credits.

**1.2 The medium of instruction for the entire under graduate programme in Engineering & Technology will be in English only.**

**2. Courses of study**

The following courses of study are offered at present as specializations for the B. Tech. Courses with English as medium of Instruction.

S. No.	Branch	Code	Short Name
1	Civil Engineering	01	CE
2	Electrical & Electronics Engineering	02	EEE
3	Mechanical Engineering	03	ME
4	Electronics and Communication Engineering	04	ECE
5	Computer Science Engineering	05	CSE
6	Chemical Engineering	08	CHEM
7	Electronics and Instrumentation Engineering	10	EIE
8	Information Technology	12	IT
9	Electronics and Computer Engineering	19	E.COM.E
10	Aeronautical Engineering	21	AE
11	Automobile Engineering	24	AME
12	Mining Engineering	26	MM
13	Petroleum Technology / Petroleum Engineering	27	PT
14	Metallurgical Engineering	31	MTE
15	Agriculture Engineering	35	AGE
16	Architecture ( B. Arch)	40	ARC
17	B. Pharmacy	00	B. Pharm

### **3. Evaluation - Distribution and Weightage of marks**

- (i) The performance of a student in each semester shall be evaluated subject – wise with a maximum of 100 marks for theory subject and 50 marks for practical subject. The project work shall be evaluated for 200 marks.
- (ii) For theory subjects the distribution shall be 25 marks for Internal Evaluation and 75 marks for the End - Examinations.
- (iii) For theory subjects, during a semester, there shall be two mid-term examinations. Each mid-term examination consists of one objective paper, one descriptive paper and one assignment. The objective paper (Online Examination) and the descriptive paper shall be for 10 marks each with a total duration of 1 hour 50 minutes (20 minutes for objective and 90 minutes for descriptive paper). The objective paper is set with 20 multiple choice questions, **Online Examination by the University**, for a total of 10 marks. The descriptive paper shall contain 3 full questions, the student has to answer all questions. While the first mid-term examination shall be conducted on 50% of the syllabus, the second mid-term examination shall be conducted on the remaining 50% of the syllabus. Five marks are allocated for assignments (as specified by the subject teacher concerned). The first assignment should be submitted before the conduct of the first mid-term examination, and the second assignment should be submitted before the conduct of the second mid-term examination. The total marks secured by the student in each mid-term examination are evaluated for 25 marks.
- (iv) Internal Marks can be calculated with 80% weightage for better of the two Mids and 20% weightage for other Mid Exam. As the syllabus is framed for 5 units, the 1<sup>st</sup> mid examination (Objective, Subjective and assignment) is conducted in 1, 2 & Half of -3 units and second test in remaining half of 3 unit,4&5 units of each subject in a semester.

Example:

Final internal Marks = (Best Mid marks x 0.8 + other Mid marks x 0.2)

- (v) The semester end examinations will be conducted for 75 marks consists of five questions carrying 15 marks each. Each of these questions is from one unit and may contain sub-questions. For each question there will be an “either” “or” choice, which means that there will be two questions from each unit and the student should answer either of the two questions.
- (vi) For practical subjects there shall be continuous evaluation during the semester for 20 internal marks and 30 end examination marks. The internal 20 marks shall be awarded as follows: day to day work - 5 marks, Record-5 marks and the remaining 10 marks to be awarded by conducting an internal laboratory test. The end examination shall be conducted by the teacher concerned and external examiner.
- (vii) For the subject having design and / or drawing, (such as Engineering Graphics, Engineering Drawing, Machine Drawing) and estimation, the distribution shall be 25 marks for internal evaluation ( 15 marks for day – to – day work, and 10 marks for internal tests) and 75 marks for end examination. There shall be two internal tests in a Semester and the Marks for 10 can be calculated with 80% weightage for better of the two tests and 20% weightage for other test and these are to be added to the marks obtained in day to day work

- (viii) Out of a total of 200 marks for the project work, 60 marks shall be for Internal Evaluation and 140 marks for the End Semester Examination. The End Semester Examination (Viva – Voce) shall be conducted by the committee. The committee consists of an external examiner, Head of the Department and Supervisor of the Project. The evaluation of project work shall be conducted at the end of the IV year. The Internal Evaluation shall be on the basis of two seminars given by each student on the topic of his project and evaluated by an internal committee.
- (ix) Laboratory marks and the internal marks awarded by the College are not final. The marks are subject to scrutiny and scaling by the University wherever felt desirable. The internal and laboratory marks awarded by the College will be referred to a Committee. The Committee shall arrive at a scaling factor and the marks will be scaled as per the scaling factor. The recommendations of the Committee are final and binding. The laboratory records and internal test papers shall be preserved in the respective departments as per the University norms and shall be produced to the Committees of the University as and when they ask for.
- (x) Audit Course/Non-Credit Course (AC/NC): There shall be AC/NC courses with zero credits. There shall be **no external** examination. However, attendance in the audit course shall be considered while calculating aggregate attendance and student shall be declared to have passed the mandatory course only when he/she secures 40% or more in the internal/mid examinations. In case, the student fails, a re-examination shall be conducted for failed candidates every six months/semester at a mutually convenient date of college/student satisfying the conditions mentioned in item 1 & 2 of the regulations.
- (xi) Mandatory Course (M.C): There shall be M.C with zero credits. There shall be no external examination. However, attendance in the mandatory course of minimum attendance (75%) in that particular subject.
- (xii) **Engineering Exploration Course:**  
Engineering Exploration Project is offered to the First year students of all engineering disciplines. The motivation of including this in the curriculum is to make the students practice creative problem solving method - Design Thinking which fosters collaboration and solve problems in human-centered ways. It enables the students to exercise and identify design opportunities through various phases with the help of hands-on activities. Obtaining a best solution for an identified problem involves a non-linear, iterative process which seeks to understand users, challenge assumptions, redefine problems and create innovative solutions to prototype and test. The students are encouraged to explore real-world problems and expected to take charge of their own learning, work together in teams towards the problem.  
The evaluation of the Engineering Exploration Project involves in writing their observations in Activity Cards at the end of each task given in syllabus and submitting a final report along with working prototype.  
It shall be evaluated for 50 marks as an external. The committee consists of an external examiner, Head of the Department and a supervisor/mentor. There shall be no internal marks.

- (xiii) **Procedure for Conduct and Evaluation of MOOC:** There shall be a Discipline Centric Elective Course through Massive Open Online Course (MOOC) as Program Elective course. The student shall register for the course (Minimum of 12 weeks) offered by SWAYAM/NPTEL/JNTUK MOOCS through online with the approval of Head of the Department. The Head of the Department shall appoint one mentor for each of the MOOC subjects offered. The student needs to register the course in the SWAYAM/NPTEL portal in the previous semester. During the course, the mentor monitors the student's assignment submission given by SWAYAM/NPTEL at the end of every week. The student needs to submit all the assignments given and needs to take final exam at the proctor center. The student needs to earn a certificate by passing the exam. The student will be awarded the credits given in curriculum only by submission of the certificate.
- For JNTUK MOOCS course, the mentor appointed shall conduct the mid semester examinations as per 3(iii). Further, the University shall conduct the external examination for the MOOC subject in line with other regular subjects based on the syllabi of the respective subject provided in the curriculum. A MOOC course may be studied either in online or in conventional manner.
- In case if the student does not pass in SWAYAM/NPTEL, the alternative subject maybe taken from JNTUK MOOCS and has to pass the course as per 3(iii)

Open Electives are evaluated as per 3(iii)

- (xiv) Induction program is mandatory for all first year UG students and shall be conducted as per Semester -0 course structure.
- (xv) Mini Project/Internship guidelines: There shall be an Industrial Oriented Mini Project/Summer Internship, in collaboration with an industry of their specialization. Students will register for this immediately after III year II semester examinations and pursue it during summer vacation. Industrial Oriented Mini Project/Summer Internship shall be submitted in a technical report form and presented before the committee in IV year I semester. It shall be evaluated for 50 external marks. The committee consists of an external examiner, Head of the Department, supervisor of the Industrial Oriented mini project/Summer Internship and a senior faculty member of the department. There shall be no internal marks for Industrial Oriented Mini Project/Summer Internship.
- (xvi) UG project work shall be carried out in two stages: Project Stage – I during IV Year I Semester, Project Stage – II during IV Year II Semester. Each stage will be evaluated for 100 marks. Student has to submit project work report at the end of each semester. First report includes project work carried out in IV Year I semester and second report includes project work carried out in IV Year I & II Semesters. External evaluation for both project stages shall be completed before the commencement of end Theory examinations.



#### 4. Attendance Requirements

1. A student is eligible to write the University examinations if he acquires a minimum of 50% in each subject and 75% of attendance in aggregate of all the subjects.
2. Condonation of shortage of attendance in aggregate up to 10% (65% and above and below 75%) in each semester may be granted by the College Academic Committee
3. Shortage of Attendance below 65% in aggregate shall not be condoned.
4. A student who is short of attendance in semester may seek re-admission into that semester when offered within 4 weeks from the date of the commencement of class work.
5. Students whose shortage of attendance is not condoned in any semester are not eligible to write their end semester examination of that class.
6. A stipulated fee shall be payable towards condonation of shortage of attendance.
7. A student will be promoted to the next semester if he satisfies the (i)attendance requirement of the present semester and (ii) minimum required credits.
8. If any candidate fulfills the attendance requirement in the present semester, he shall not be eligible for readmission into the same class.

#### 5. Minimum Academic Requirements

The following academic requirements have to be satisfied in addition to the attendance requirements mentioned in item no.4.

- 5.1 A student is deemed to have satisfied the minimum academic requirements if he has **earned the credits allotted to each theory/practical design/drawing subject/ project by securing not less than 35% of marks in the end semester exam, and minimum 40% of marks in the sum total of the internal marks and end semester examination marks.**
- 5.2 A student shall be promoted from first year to second year if he fulfills the minimum attendance requirement.
- 5.3 A student will be **promoted from II year to III year** if he fulfills the academic requirement **of 40% of the credits up to either II year I semester or II year II semester from all the examinations, whether or not the candidate takes the examinations and secures prescribed minimum attendance in II year II semester.**
- 5.4 A student shall be **promoted from III year to IV year** if he fulfills the academic requirements of **40% of the credits up to either III year I semester or III year II semester from all the examinations, whether or not the candidate takes the examinations and secures prescribed minimum attendance in III year II semester.**
- 5.5 A student shall register and put up minimum attendance in all 160 credits and earn all 160 credits.

#### 6. Course Pattern

1. The entire course of study is for four academic years, all the years are on semester pattern.



2. A student eligible to appear for the end semester examination in a subject, but absent from it or has failed in the end semester examination, may write the exam in that subject when conducted next.
3. When a student is detained for lack of credits / shortage of attendance, he may be re-admitted into the same semester / year in which he has been detained. However, the academic regulations under which he was first admitted shall continue to be applicable to him.

## 7. CGPA

Marks Range Theory (Max – 100)	Marks Range Lab (Max – 50)	Letter Grade	Level	Grade Point
≥ 90	≥ 45	O	Outstanding	10
≥80 to <90	≥40 to <45	S	Excellent	9
≥70 to <80	≥35 to <40	A	Very Good	8
≥60 to <70	≥30 to <35	B	Good	7
≥50 to <60	≥25 to <30	C	Fair	6
≥40 to <50	≥20 to <25	D	Satisfactory	5
<40	<20	F	Fail	0
			Absent	0

### Computation of SGPA

- The following procedure is to be adopted to compute the Semester Grade Point Average. (SGPA) and Cumulative Grade Point Average (CGPA):
- The **SGPA** is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e
- $$\text{SGPA (Si)} = \frac{\sum (C_i \times G_i)}{\sum C_i}$$
- Where  $C_i$  is the number of credits of the  $i^{\text{th}}$  course and  $G_i$  is the grade point scored by the student in the  $i^{\text{th}}$  course.

### Computation of CGPA

- The **CGPA** is also calculated in the same manner taking into account all the courses undergone by a student over all the semester of a programme, i.e.
- $$\text{CGPA} = \frac{\sum (C_i \times S_i)}{\sum C_i}$$
- Where  $S_i$  is the SGPA of the  $i^{\text{th}}$  semester and  $C_i$  is the total number of credits in that semester.
- The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts.
- Equivalent Percentage =  $(\text{CGPA} - 0.75) \times 10$

## 8. Award of Class

After a student has satisfied the requirements prescribed for the completion of the program and is eligible for the award of B. Tech. Degree, he shall be placed in one of the following four classes:

Class Awarded	CGPA to be secured	From the CGPA secured from 160 Credits.
First Class with Distinction	$\geq 7.75$	
First Class	$\geq 6.75$	
Second Class	$\geq 5.75$ to $< 6.75$	
Pass Class	$\geq 4.75$ to $< 5.75$	

## 9. Minimum Instruction Days

The minimum instruction days for each semester shall be 90 working days.  
There shall be no branch transfers after the completion of the admission process.  
There shall be no transfer from one college/stream to another within the Constituent Colleges and Units of Jawaharlal Nehru Technological University Kakinada.

## 10. Withholding of Results

If the student is involved in indiscipline/malpractices/court cases, the result of the student will be withheld.

## 11. Transitory Regulations

1. Discontinued or detained candidates are eligible for re-admission as and when next offered.
2. The re-admitted candidate will be governed by the rules & regulations under which the candidate has been admitted.
3. (a) In case of transferred students from other Universities, the credits shall be transferred to JNTUK as per the academic regulations and course structure of the JNTUK.  
(b) The students seeking transfer to colleges affiliated to JNTUK from various other Universities / Institutions have to obtain the credits of any equivalent subjects as prescribed by JNTUK. In addition, the transferred candidates have to pass the failed subjects at the earlier Institute with already obtained sessional marks to be conducted by JNTUK.

## 12. General

1. Wherever the words “he”, “him”, “his”, occur in the regulations, they include “she”, “her”, “hers”.
2. The academic regulation should be read as a whole for the purpose of any interpretation.
3. In case of any doubt or ambiguity in the interpretation of the above rules, the decision of the Vice-Chancellor is final.
4. The University may change or amend the academic regulations or syllabi at any time and the changes or amendments made shall be applicable to all the students with effect from the dates notified by the University.

\*\*\*

**ACADEMIC REGULATIONS (R19) FOR B. TECH. (LATERAL ENTRY SCHEME)**

Applicable for the students admitted into II year B. Tech. from the Academic Year 2020-21 onwards

**1 Award of B. Tech. Degree**

A student will be declared eligible for the award of B. Tech. Degree if he fulfils the following academic regulations:

1.1 A student shall be declared eligible for the award of the B. Tech Degree, if he pursues a course of study in not less than three academic years and not more than six academic years. After six academic years from the year of their admission, he/she shall **forfeit** their seat in B. Tech course and their admission stands cancelled.

1.2 The candidate shall register for 120 credits and secure all the 120 credits.

2. The attendance regulations of B. Tech. (Regular) shall be applicable to B.Tech (lateral entry).

**3. Promotion Rule**

A student shall be promoted from second year to third year if he fulfills the minimum attendance requirement.

A student shall be promoted from III year to IV year if he fulfils the academic requirements of 40% of the credits up to either III year I semester or III year II semester from all the examinations, whether or not the candidate takes the examinations and secures prescribed minimum attendance in III year II semester.

**4. Award of Class**

After a student has satisfied the requirement prescribed for the completion of the program and is eligible for the award of B. Tech. Degree, he shall be placed in one of the following four classes:

<b>Class Awarded</b>	<b>CGPA to be secured</b>	<b>From the CGPA secured from 120 Credits from II Year to IV Year</b>
First Class with Distinction	$\geq 7.75$	
First Class	$\geq 6.75$	
Second Class	$\geq 5.75$ to $< 6.75$	
Pass Class	$\geq 4.75$ to $< 5.75$	

The Grades secured, Grade points and Credits obtained will be shown separately in the memorandum of marks.

5. All the other regulations as applicable to **B. Tech. 4-year degree course (Regular)** will hold good for **B. Tech. (Lateral Entry Scheme)**.

**MALPRACTICES RULES**  
**DISCIPLINARY ACTION FOR / IMPROPER CONDUCT IN EXAMINATIONS**

	<b>Nature of Malpractices/Improper conduct</b>	<b>Punishment</b>
	<i>If the candidate:</i>	
1. (a)	Possesses or keeps accessible in examination hall, any paper, note book, programmable calculators, Cell phones, pager, palm computers or any other form of material concerned with or related to the subject of the examination (theory or practical) in which he is appearing but has not made use of (material shall include any marks on the body of the candidate which can be used as an aid in the subject of the examination)	Expulsion from the examination hall and cancellation of the performance in that subject only.
(b)	Gives assistance or guidance or receives it from any other candidate orally or by any other body language methods or communicates through cell phones with any candidate or persons in or outside the exam hall in respect of any matter.	Expulsion from the examination hall and cancellation of the performance in that subject only of all the candidates involved. In case of an outsider, he will be handed over to the police and a case is registered against him.
2.	Has copied in the examination hall from any paper, book, programmable calculators, palm computers or any other form of material relevant to the subject of the examination (theory or practical) in which the candidate is appearing.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted to appear for the remaining examinations of the subjects of that Semester/year. The Hall Ticket of the candidate is to be cancelled and sent to the University.
3.	Impersonates any other candidate in connection with the examination.	The candidate who has impersonated shall be expelled from examination hall. The candidate is also debarred and forfeits the seat. The performance of the original candidate who has been impersonated, shall be cancelled in all the subjects of the examination (including practicals and project work) already appeared and shall not be allowed to appear for examinations of the remaining subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat. If the imposter is an outsider, he will be handed over to the police and a case is registered against him.
4.	Smuggles in the Answer book or additional sheet or takes out or arranges to send out the question paper during the examination or answer book or additional sheet, during or after the examination.	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
5.	Uses objectionable, abusive or offensive language in the answer paper or in letters to the examiners or writes to the examiner requesting him to award pass marks.	Cancellation of the performance in that subject.
6.	Refuses to obey the orders of the Chief Superintendent/Assistant – Superintendent / any officer on duty or misbehaves or creates disturbance of any kind in and around the examination hall or organizes a walk out or instigates others to walk out, or threatens the officer-in charge or any person on duty in or outside the examination hall of any injury to his person or to any of his relations whether by words, either spoken or written or by signs or by visible representation, assaults the officer-in-charge, or any person on duty in or outside the examination hall or any of his relations, or indulges in any other act of misconduct or mischief which result in damage to or destruction of property in the examination hall or any part of the College campus or engages in any other act which in the opinion of the officer on duty amounts to use of unfair means or misconduct or has the tendency to disrupt the orderly conduct of the examination	In case of students of the college, they shall be expelled from examination halls and cancellation of their performance in that subject and all other subjects the candidate(s) has (have) already appeared and shall not be permitted to appear for the remaining examinations of the subjects of that semester/year. The candidates also are debarred and forfeit their seats. In case of outsiders, they will be handed over to the police and a police case is registered against them.

7.	Leaves the exam hall taking away answer script or intentionally tears the script or any part thereof inside or outside the examination hall.	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
8.	Possess any lethal weapon or firearm in the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat.
9.	If student of the college, who is not a candidate for the particular examination or any person not connected with the college indulges in any malpractice or improper conduct mentioned in clause 6 to 8.	Student of the colleges expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat.  Person(s) who do not belong to the College will be handed over to police and, a police case will be registered against them.
10.	Comes in a drunken condition to the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year.
11.	Copying detected on the basis of internal evidence, such as, during valuation or during special scrutiny.	Cancellation of the performance in that subject and all other subjects the candidate has appeared including practical examinations and project work of that semester/year examinations.
12.	If any malpractice is detected which is not covered in the above clauses 1 to 11 shall be reported to the University for further action and impose suitable punishment.	

**Malpractices identified by squad or special invigilators**

1. Punishments to the candidates as per the above guidelines.
2. Punishment for institutions : (if the squad reports that the college is also involved in encouraging malpractices)
  - (i) A show cause notice shall be issued to the college.
  - (ii) Impose a suitable fine on the college.
  - (iii) Shifting the examination centre from the college to another college for a specific period of not less than one year.

\* \* \* \* \*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA KAKINADA-  
533003, Andhra Pradesh (India)  
For Constituent Colleges and Affiliated Colleges of JNTUK**

---

**RAGGING**

---

**Prohibition of ragging in educational institutions Act 26 of 1997**

**Salient Features**



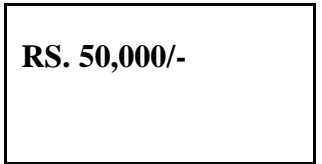
**Ragging within or outside any educational institution is prohibited. Ragging means doing an act which causes or is likely to cause Insult or Annoyance of Fear or Apprehension or Threat or Intimidation or outrage of modesty or Injury to a student**

	Imprisonment upto		Fine Upto
Teasing, Embarrassing and Humiliation	 6 Months	+	RS. 1,000/-
Assaulting or Using Criminal force or Criminal intimidation	 1 Year	+	RS. 2,000/-
Wrongfully restraining or confining or causing hurt	 2 Years	+	RS. 5,000/-
Causing grievous hurt, kidnapping or Abducts or rape or committing unnatural offence	 5 Years	+	RS. 10,000/-

Causing death or  
abetting suicide



+



In Case of Emergency CALL TOLL FREE NO. : 1800 - 425 – 1288

LET US MAKE JNTUK A RAGGING FREE UNIVERSITY



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA**  
**KAKINADA-533003, Andhra Pradesh (India)**  
**For Constituent Colleges and Affiliated Colleges of JNTUK**  
**For Constituent Colleges and Affiliated Colleges of JNTUK**

**RAGGING**  
ABSOLUTELY  
NO TO RAGGING

1. Ragging is prohibited as per Act 26 of A.P. Legislative Assembly, 1997.
2. Ragging entails heavy fines and/or imprisonment.
3. Ragging invokes suspension and dismissal from the College.
4. Outsiders are prohibited from entering the College and Hostel without permission.
5. Girl students must be in their hostel rooms by 7.00 p.m.
6. All the students must carry their Identity Cards and show them when demanded
7. The Principal and the Wardens may visit the Hostels and inspect the rooms any time.



**Jawaharlal Nehru Technological University Kakinada**  
**For Constituent Colleges and Affiliated Colleges of JNTUK**

In Case of Emergency CALL TOLL FREE NO. : 1800 - 425 - 1288

LET US MAKE JNTUK A RAGGING FREE UNIVERSITY

**ACADEMIC REGULATIONS (R20)**  
**COURSE STRUCTURE & DETAILED SYLLABUS**

For

**B. Tech FOUR YEAR DEGREE COURSE**  
**(Applicable for the batches admitted from 2020-21)**



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**KAKINADA – 533003, ANDHRA PRADESH, INDIA**



## **ACADEMIC REGULATIONS (R20) FOR B. TECH. (REGULAR)**

**Applicable for students of B. Tech. (Regular) from Academic Year 2020-21 onwards**

Jawaharlal Nehru Technological University Kakinada (JNTUK) 2020 Regulations (R20 Regulations) applicable to all affiliated colleges are given hereunder. These regulations govern the B. Tech programmes offered by all affiliated colleges with effect from the students admitted to the programmes in academic year 2020-21.

### **1. Courses of study:**

The following courses of study are offered at present as specializations for the B. Tech. Courses in the jurisdiction of all affiliated colleges of JNTUK.

<b>S. No</b>	<b>Branch Name</b>	<b>Branch Code</b>
1	Civil Engineering	01
2	Electrical & Electronics Engineering	02
3	Mechanical Engineering	03
4	Electronics and Communication Engineering	04
5	Computer Science Engineering	05
6	Computer Science & Technology	06
7	Computer Science & Information Technology	07
8	Chemical Engineering	08
9	Electronics and Instrumentation Engineering	10
10	Bio- Medical Engineering	11
11	Information Technology	12
12	Electronics and Control Engineering	13
13	Electronics & Communication Technology	14
14	Computer Science and Systems Engineering	15
15	Electronics and Computer Engineering	19
16	Aeronautical Engineering	21
17	Instrumentation and Control Engineering	22
18	Bio- Technology	23
19	Automobile Engineering	24
20	Mining Engineering	26
21	Petroleum Technology / Petroleum Engineering	27
22	Petrochemical Engineering	28
23	Aviation Engineering	29
24	Aircraft Maintenance Engineering	30
25	Metallurgical Engineering	31
26	Power Engineering	34
27	Agriculture Engineering	35
28	Textile Engineering	36
29	Architecture (B.Arch)	40
30	B. Pharmacy	00
31	CSE (Artificial Intelligence and Machine Learning)	42
32	CSE( Artificial Intelligence)	43
33	CSE( Data Science)	44
34	CSE (Artificial Intelligence and Data Science)	45
35	CSE ( Cyber Security)	46
36	CSE ( Internet of things and Cyber security including Block chain Technology)	47

37	CSE (Computer Science and Business System)	48
38	CSE( Internet of Things)	49
39	ECE ( Electronics & Communication Technology)	50
40	Food Engineering	51
41	ECE ( Internet of Things)	52
42	ME ( Robotics)	53
43	Artificial Intelligence and Data Science	54
44	Pharmaceutical Engineering	55
45	Aerospace Engineering	56
46	Computer Science and Business System	57
47	CSE (Big Data Analytics)	58
48	Cyber Security	59
49	Internet of Thing	60
50	Artificial Intelligence and Machine Learning	61
51	Computer Science and Design	62

**2. Medium of Instruction:** The medium of instruction of the entire B. Tech undergraduate programme in Engineering & Technology (including examinations and project reports) will be in **English** only.

**3. Admissions:** Admission to the B. Tech Programme shall be made subject to the eligibility, qualifications and specialization prescribed by the A.P. State Government/University from time to time. Admissions shall be made either on the basis of the merit rank obtained by the student in the common entrance examination conducted by the A.P. Government/University or on the basis of any other order of merit approved by the A.P. Government/University, subject to reservations as prescribed by the Government/University from time to time.

**4. Programme Pattern:**

- a) Total duration of the of B. Tech (Regular) Programme is four academic years
- b) Each Academic year of study is divided in to **two semesters**.
- c) Minimum number of instruction days in each semester is 90.
- d) Grade points, based on percentage of marks awarded for each course will form the basis for calculation of SGPA (Semester Grade Point Average) and CGPA (Cumulative Grade Point Average).
- e) The total credits for the Programme are 160.
- f) A three-week induction program is mandatory for all first year UG students and shall be conducted as per AICTE/UGC/APSCHE guidelines.
- g) Student is introduced to “Choice Based Credit System (CBCS)”.
- h) A pool of interdisciplinary and job-oriented mandatory skill courses which are relevant to the industry are integrated into the curriculum of concerned branch of engineering (total five skill courses: two basic level skill courses, one on soft skills and other two on advanced level skill courses)
- i) A student has to register for all courses in a semester.
- j) All the registered credits will be considered for the calculation of final CGPA.
- k) Each semester has - ‘Continuous Internal Evaluation (CIE)’ and ‘Semester End Examination (SEE)’. Choice Based Credit System (CBCS) and Credit Based Semester System (CBSS) as indicated by UGC and course structure as suggested by AICTE are followed.
- l) A 10 months industry/field mandatory internship, both industry and social, during the summer vacation and also in the final semester to acquire the skills required for job and make engineering graduates to connect with the needs of the industry and society at large.
- m) All students shall be mandatorily registered for NCC/NSS activities.
- n) Each college shall assign a faculty advisor/mentor after admission to each student or group of students from same department to provide guidance in courses registration/career growth/placements/opportunities for higher studies/GATE/other competitive exams etc.

5. **Subject/Course Classification:** All subjects/courses offered for the undergraduate programme in E & T (B. Tech degree programmes) are broadly classified as follows.

S. No	Category	Code	APSCHE breakup of Credits	AICTE Credits of breakup
1	Humanities and social science including Management courses	HSMC	10.5	12
2	Basic Science courses	BSC	21	25
3	Engineering courses science	ESC	24	24
4	Professional core Courses	PCC	51	48
5	Open Elective Courses	OEC	12	18
6	Professional Courses Elective	PEC	15	18
7	Internship, seminar, project work	PROJ	16.5	15
8	Skill Oriented Courses	SC	10	-
9	Laboratory Courses	LC	-	-
10	Mandatory courses	MC	Non-credit	Non-credit
<b>Total Credits</b>			160	160

6. **Registration for Courses:**

- i) The college shall invite registration forms from the students at the beginning of the semester for the registration for courses each semester. The registration process shall be closed within one week. If any student wishes to withdraw the registration, he/she shall submit a letter to the principal through the class teacher/instructor and HOD. The principal shall communicate the registration and withdraw details courses of each student in a consolidated form to the college examination section and University without fail.
- ii) There are four open electives in each branch. All Open Electives are offered to students of all branches in general. A student shall choose an open elective, by consulting the HOD/advisor, from the list in such a manner that he/she has not studied the same course in any form during the Programme.
- iii) A student shall be permitted to pursue up to a maximum of two elective courses under MOOCs during the programme. Students are advised to register for only for minimum 12 weeks in duration MOOCs courses. Student has to pursue and acquire a certificate for a MOOC course only from the SWAY/NPTE through online with the approval of Head of the Department in order to earn the 3 credits. The Head of the department shall notify the list of such courses at the beginning of the semester. The details of the MOOCs courses registered by the students shall be submitted to the University examination center as well as college examination center. The Head of the Department shall appoint a mentor for each of the MOOC subjects registered by the students to monitor the student's assignment submissions given by SWAYAM/NPTEL. The student needs to submit all the assignments given and needs to take final exam at the proctor center. The student needs to earn a certificate by passing the exam. The student will be awarded the credits given in curriculum only by submission of the certificate. In case if student does not pass subjects registered through SWAYAM/NPTEL, the same or alternative equivalent subject may be registered again through SWAYAM/NPTEL in the next semester with the recommendation of HOD and shall be passed.
- iv) Two summer internships each with a minimum of six weeks duration shall be mandatorily done/completed respectively at the end of second and third years (during summer vacations). The internship can be done by the students at local industries, Govt. Organizations, construction agencies, Industries, Hydel and thermal power projects and also in software MNCs. After completing the summer internship, the students shall register in the immediate respective odd semester and it will be evaluated at the end of the semester as per norms of the university. The student has to produce the summer internship satisfactory report and certificate taken from the organization to be considered for evaluation. The College shall facilitate and monitor the student internship programs. Completion of internships is mandatory, if any student fails to complete internship, he/she will not be eligible for the award of degree. In such cases, the student shall repeat and complete the internship.

- v) In the final semester, the student should mandatorily register and undergo internship and in parallel he/she should work on a project with well-defined objectives. At the end of the semester the candidates shall submit an internship completion certificate and a project report. A student shall also be permitted to submit project report on the work carried out during the internship. The project report shall be evaluated with an external examiner.
- vi) Curricular Framework for Skill oriented courses
  - a) There are five (05) skill-oriented courses shall be offered during III to VII semesters and students must register and pass the courses successfully.
  - b) For skill oriented/skill advanced course, one theory and 2 practical hours (1-0-2) or two theory hours (2-0-0) may be allotted as per the decision of concerned BOS.
  - c) Out of the five skill courses; (i) two shall be skill-oriented courses from the same domain and shall be completed in second year (ii) Of the remaining 3 skill courses, one shall be necessarily be a soft skill course and the remaining 2 shall be skill-advanced courses either from the same domain or job-oriented skill courses, which can be of inter disciplinary nature.
  - d) Students may register the interdisciplinary job-oriented skill courses based on the prerequisites and eligibility in consultation with HOD of the college.
  - e) The student shall be given an option to choose either the skill courses being offered by the college or to choose a certificate course being offered by industries/Professional bodies/APSSDC or any other accredited bodies. However, the department has to assign mentors in the college to monitor the performance of the students.
  - f) If a student chooses to take a Certificate Course offered by industries/Professional bodies/APSSDC or any other accredited bodies, in lieu of the skill advanced course offered by the Department, then the department shall mark overall attendance of the student for the remaining courses in that semester excluding the skill course in all the calculations of mandatory attendance requirements upon producing a valid certificate. However, the student is deemed to have fulfilled the attendance requirement of the course, if the external agency issues a certificate with satisfactory condition. If the certificate issued by external agency is marked with unsatisfactory condition, then the student shall repeat the course either in the college or at external agency. The credits will be awarded to the student upon producing the successful Course Completion Certificate from the agency/professional bodies and after passing in the viva-voce examination conducted at college as per university norms at the end of the semester.

7. (a) **Award of B. Tech. Degree:** A student will be declared eligible for the award of B. Tech. Degree if he fulfills the following academic regulations:
- i) A student shall be declared eligible for award of the B. Tech Degree, if he pursues a course of study in not less than four and not more than eight academic years.
  - ii) After eight academic years from the year of their admission, he/she shall **forfeit** their seat in B.Tech course and their admission stands cancelled.
  - iii) The student shall register for 160 credits and must secure all the 160 credits.
  - iv) All students shall register for NCC/NSS activities and will be required to participate in an activity specified by NSS officer during second and third semesters. Grade shall be awarded as Satisfactory or Unsatisfactory in the mark sheet on the basis of participation, attendance, performance and behavior. If a student gets an unsatisfactory Grade, he/she shall repeat the above activity in the subsequent years, in order to complete the degree requirements.
  - v) Courses like Environmental Sciences, Universal Human Values, Ethics, Indian Constitution, Essence of Indian Traditional Knowledge etc., shall be included in the curriculum as non-credit mandatory courses. Environmental Sciences is to be offered compulsorily as mandatory course for all branches. A student has to secure 40% of the marks allotted in the internal evaluation for passing the course. No marks or letter grade shall be allotted for all mandatory non-credit courses.
  - vi) Credit Definition:

1 Hour Lecture (L) per week	1 Credit
1 Hour Tutorial (T) per week	1 Credit
1 Hour Practical (P) per week	0.5 Credit
2 Hours Practical (Lab) per week	1 Credit

**(b) Award of B. Tech. (Honor)/B. Tech. (Minor):** B. Tech. with Honors or a B. Tech. with a Minor will be awarded if the student earns 20 additional credits are acquired as per the regulations/guidelines. The regulations/guidelines are separately provided. Registering for Honors/Minor is optional.

### 8. Attendance Requirements

- a. A student is eligible to write the University examinations if he acquires a minimum of 40% in each subject and 75% of attendance in aggregate of all the subjects.
- b. Condonation of shortage of attendance in aggregate up to 10% (65% and above and below 75%) may be granted by the College Academic Committee. However, this condonation concession is applicable only to any two semesters during the entire programme.
- c. Shortage of Attendance below 65% in aggregate shall not be condoned.
  - d. A student who is short of attendance in a semester may seek re-admission into that semester when offered within 4 weeks from the date of commencement of class work.
  - e. Students whose shortage of attendance is not condoned in any semester are not eligible to write their end semester examination of that class.
  - f. A stipulated fee of Rs. 500/- in the concerned semester shall be payable towards condonation of shortage of attendance. Students availing condonation on medical ground shall produce a medical certificate issued by the competitive authority.
  - g. A student will be promoted to the next semester if he satisfies the (i) attendance requirement of the present semester and (ii) minimum required credits.
  - h. If any candidate fulfills the attendance requirement in the present semester, he shall not be eligible for re-admission into the same class.
- i. For induction programme attendance shall be maintained as per AICTE norms.
- j. For non-credit mandatory courses the students shall maintain the attendance similar to credit courses

### 9. Evaluation-Distribution and Weightage of marks

- (i) Paper setting and evaluation of the answer scripts shall be done as per the procedures laid down by the University Examination section from time to time.
- (ii) For non-credit mandatory courses, like Environmental Sciences, Universal Human Values, Ethics, Indian Constitution, Essence of Indian Traditional Knowledge, the student has to secure 40% of the marks allotted in the internal evaluation for passing the course. No marks or letter grade shall be allotted for all mandatory non-credit courses.
- (iii) A student is deemed to have satisfied the minimum academic requirements if he has earned the credits allotted to each theory/practical design/drawing subject/ project etc by securing not less than 35% of marks in the end semester exam and minimum 40% of marks in the sum total of the internal marks and end semester examination marks together.

(iv) Distribution and Weightage of marks:

The assessment of the student's performance in each course will be based on Continuous Internal Evaluation (CIE) and Semester-End Examination (SEE). The performance of a student in each semester shall be evaluated subject-wise with a maximum of 100 marks for theory subject and 50 marks for practical subject. For theory subjects the distribution shall be 30 marks for Internal Evaluation and 70 marks for the End Examinations.

S. No	Components	Internal	External	Total
1	Theory	30	70	100
2	Engineering Graphics/Design/Drawing	30	70	100
3	Practical	15	35	50
4	Mini Project/Internship/Industrial Training/ Skill Development programmes/Research Project	-	50	50
5	Project Work	60	140	200

(v) **Continuous Internal Theory Evaluation:**

- (a) For theory subjects, during a semester, there shall be two mid-term examinations. Each mid-term examination consists of (i) one online objective examination (ii) one descriptive examination and (iii) one assignment. The online examination (objective) shall be 10 marks and descriptive examination shall be for 15 marks with a total duration of 1 hour 50 minutes (20 minutes for objective and 90 minutes for descriptive paper).

- (b) The first online examination (objective) is set with 20 multiple choice questions for 10 marks (20 questions x ½ marks) from first two and half units (50% of the syllabus) and it is conducted by **University Examination Section**. The descriptive examination is set with 3 full questions for 5 marks each from first two and half units (50% of the syllabus), the student has to answer all questions. In the similar lines, the second online and descriptive examinations shall be conducted on the rest of the syllabus.
- (c) The assignment is given by the concerned class teacher for five marks from first two and half units (50% of the syllabus). The second assignment shall be given from rest of the syllabus. The first assignment should be submitted before the conduct of the first mid-term examination, and the second assignment should be submitted before the conduct of the second mid-term examination.
- (d) The total marks secured by the student in each mid-term examination are evaluated for 30 marks. The first mid marks (Mid-1) consisting of marks of online objective examination, descriptive examination and assignment shall be submitted to the University examination section within one week after completion of first mid examination.
- (e) The mid marks submitted to the University examination section shall be displayed in the concerned college notice boards for the benefit of the students.
- (f) If any discrepancy found in the submitted Mid-1 marks, it shall be brought to the notice of university examination section within one week from the submission.
- (g) Second mid marks (Mid-2) consisting of marks of online objective examination, descriptive examination and assignment shall also be submitted to University examination section within one week after completion of second mid examination and it shall be displayed in the notice boards. If any discrepancy found in the submitted mid-2 marks, it shall be brought to the notice of university examination section within one week from the submission.
- (h) Internal marks can be calculated with 80% weightage for better of the two mid exams and 20% Weightage for another mid exam.

**Example:**

**Mid-1 marks** = Marks secured in (online examination-1+descriptive examination-1  
+one assignment-1)

**Mid-2 marks** = Marks secured in (online examination-2+descriptive examination-2  
+one assignment-2)

**Final internal Marks** = (Best of (Mid-1/Mid-2) marks x 0.8  
+ Least of (Mid-1/Mid-2) marks x 0.2)

- (i) With the above criteria, university examination section will send mid marks of all subjects in consolidated form to all the concerned colleges and same shall be displayed in the concerned college notice boards. If any discrepancy found, it shall be brought to the notice of university examination section through proper channel within one week with all proofs. Discrepancies brought after the given deadline will not be entertained under any circumstances.
- (vi) Semester End Theory Examinations Evaluation:**
- (a) The semester end examinations will be conducted university examination section for 70 marks consists of five questions carrying 14 marks each. Each of these questions is from one unit and may contain sub-questions. For each question there will be an “either” “or” choice, which means that there will be two questions from each unit and the student should answer either of the two questions.
  - (b) For practical subjects there shall be continuous evaluation during the semester for 15 internal marks and 35 end examination marks. The internal 15 marks shall be awarded as follows: day to day work - 5 marks, Record-5 marks and the remaining 5 marks to be awarded by conducting an internal laboratory test. The end examination shall be conducted by the teacher concerned and external examiner appointed by controller of examinations, JNTUK.  
**Note:** Laboratory marks and the internal marks awarded by the College are not final. The marks are subject to scrutiny and scaling by the University wherever felt desirable. The internal and laboratory marks awarded by the College will be referred to a Committee. The Committee shall arrive at a scaling factor and the marks will be scaled as per the scaling factor. The recommendations of the Committee are final and binding. All the laboratory records and internal test papers shall be preserved in respective departments as per University norms and shall be produced to the Committees of University as and when they ask for.
  - (c) For the subject having design and / or drawing (such as Engineering Graphics, Engineering Drawing, Machine Drawing) and estimation, the distribution shall be 30 marks for internal evaluation (15 marks for continuous Assessment (day-to-day work) and 15 marks for internal tests) and 70 marks for end examination. There shall be two internal tests in a Semester for 15 marks each and final marks can be calculated with 80% weightage for better of the two tests and 20% weightage for other test and these are to be added to the marks obtained in day-to-day work.

- (d) Evaluation of the summer internships: It shall be completed in collaboration with local industries, Govt. Organizations, construction agencies, Industries, Hydel and thermal power projects and also in software MNCs in the area of concerned specialization of the UG programme. Students shall pursue this internship during summer vacation just before its offering as per course structure. The minimum duration of this course shall be at least 6 weeks. The student shall register for the internship as per course structure after commencement of academic year. A supervisor/mentor/advisor has to be allotted to guide the students for taking up the summer internship. The supervisor shall monitor the attendance of the students while taking up the internship. Attendance requirements are as per the norms of the University. After successful completion, students shall submit a summer internship technical report to the concerned department and appear for an oral presentation before the departmental committee consists of an external examiner appointed by the University; Head of the Department, supervisor of the internship and a senior faculty member of the department. A certificate from industry/skill development center shall be included in the report. The report and the oral presentation shall carry 40% and 60% weightages respectively. It shall be evaluated for 50 external marks at the end of the semester. There shall be no internal marks for Summer Internship. A student shall secure minimum 40% of marks for successful completion. In case, if a student fails, he/she shall reappear and when semester supplementary examinations are conducted by the University.
- (e) The job-oriented skill courses may be registered at the college or at any accredited external agency. A student shall submit a record/report on the on the list skills learned. If the student completes job-oriented skill course at external agency, a certificate from the agency shall be included in the report. The course will be evaluated at the end of the semester for 50 marks (record: 15 marks and viva-voce: 35 marks) along with laboratory end examinations in the presence of external (appointed by the university) and internal examiner (course instructor or mentor). There are no internal marks for the job-oriented skill courses.
- (f) **Mandatory Course (M.C):** Environmental Sciences, Universal Human Values, Ethics, Indian Constitution, Essence of Indian Traditional Knowledge etc non-credit (zero credits) mandatory courses. Environmental Sciences shall be offered compulsorily as mandatory course for all branches. A minimum of 75% attendance is mandatory in these subjects. There shall be an external examination for 70 marks and it shall be conducted by the college internally. Two internal examinations shall be conducted for 30 marks and a student has to secure at least 40% of the marks for passing the course. There is no online internal exam for mandatory courses. No marks or letter grade shall be printed in the transcripts for all mandatory non-credit courses, but only Completed (Y)/Not-completed (N) will be specified.
- (g) **Procedure for Conduct and Evaluation of MOOC:** There shall be a Discipline Centric Elective Course through Massive Open Online Course (MOOC) as Program Elective course. The student shall register for the course (Minimum of 12 weeks) offered by SWAYAM/NPTEL through online with the approval of Head of the Department. The Head of the Department shall appoint one mentor for each of the MOOC subjects offered. The student needs to register the course in the SWAYAM/NPTEL portal. During the course, the mentor monitors the student's assignment submissions given by SWAYAM/NPTEL. The student needs to submit all the assignments given and needs to take final exam at the proctor center. The student needs to earn a certificate by passing the exam. The student will be awarded the credits given in curriculum only by submission of the certificate. In case if student does not pass subjects registered through SWAYAM/NPTEL, the same or alternative equivalent subject may be registered again through SWAYAM/NPTEL in the next semester with the recommendation of HOD and shall be passed.
- (h) **Major Project (Project - Project work, seminar and internship in industry):**  
 In the final semester, the student should mandatorily register and undergo internship and in parallel he/she should work on a project with well-defined objectives. At the end of the semester the candidate shall submit an internship completion certificate and a project report. A student shall also be permitted to submit project report on the work carried out during the internship. The project report shall be evaluated with an external examiner.  
*Evaluation:* The total marks for project work 200 marks and distribution shall be 60 marks for internal and 140 marks for external evaluation. The supervisor assesses the student for 30 marks (Report: 15 marks, Seminar: 15 marks). At the end of the semester, all projects shall be showcased at the department for the benefit of all students and staff and the same is to be evaluated by the departmental Project Review Committee consisting of supervisor, a senior faculty and HOD for 30 marks. The external evaluation of Project Work is a Viva-Voce Examination conducted in the presence of internal examiner and external examiner appointed by the University and is evaluated for 140 marks.

### 10. Integrated theory lab:

- a. The integrated course is in the ratio of 2:1 (total credit: 3).
- b. Attendance shall be counted for both in theory as well as lab (75:25 ratio). Minimum attendances shall be required individually in theory and lab as per university norms
- c. Student has to attend the internal examination and external examination conducted by the college and University as per the regulations.
- d. Student has to pass individually both the external examinations (Theory for 100 marks and Lab for 50 marks) conducted by the University as per the regulations.
- e. If the student fails in either theory or laboratory, the final result is FAIL only.
- f. The student has to pass separately both in the external theory examination and external lab examination as per the University regulations.

11. Recounting of Marks in the End Semester Examination: A student can request for recounting of his/her answer book on payment of a prescribed fee as per university norms.

12. Re-evaluation or Revaluation by Challenge of the End Semester Examination: A student can request for Revaluation or Revaluation by Challenge of his/her answer book on payment of a prescribed fee as per university norms.

13. Supplementary Examinations: A student who has failed to secure the required credits can appear for a supplementary examination, as per the schedule announced by the University.

14. Malpractices in Examinations: Disciplinary action shall be taken in case of malpractices during Mid/End examinations as per the rules framed by the University.

### 15. Promotion Rules

The following academic requirements have to be satisfied in addition to the attendance requirements mentioned in item no.8 for promotion to higher classes

- a. A student shall be promoted from first year to second year if he fulfills the minimum attendance requirement as per University norm.
- b. A student will be promoted from II to III year if he fulfills the academic requirement of 40% of credits up to either II year I-Semester or II year II-Semester from all the examinations, whether or not the candidate takes the examinations and secures prescribed minimum attendance in II year II semester.
- c. A student shall be promoted from III year to IV year if he fulfills the academic requirements of 40% of the credits up to either III year I semester or III year II semester from all the examinations, whether or not the candidate takes the examinations and secures prescribed minimum attendance in III year II semester.

### 16. Course Pattern

- a. The entire course of study is for four academic years; all years are on semester pattern.
- b. A student eligible to appear for the end semester examination in a subject, but absent from it or has failed in the end semester examination, may write the exam in that subject when conducted next.
- c. When a student is detained for lack of credits/shortage of attendance, he may be re-admitted into the same semester/year in which he has been detained. However, the academic regulations under which he was first admitted shall continue to be applicable to him.

### 17. Earning of Credit:

A student shall be considered to have completed a course successfully and earned the credits if he/she secures an acceptable letter grade in the range A+ to E as given below. Letter grade 'F' in any course implies failure of the student in that course and no credits earned. Absent is also treated as no credits earned. For project same % percentages will be followed for grading.

Marks Range Theory (Max – 100)	Marks Range Lab (Max – 50)	Level	Letter Grade	GradePoint
≥ 90	≥ 45	Outstanding	A+	10
≥80 to <89	≥40 to <44	Excellent	A	9
≥70 to <79	≥35 to <39	Very Good	B	8
≥60 to <69	≥30 to <34	Good	C	7
≥50 to <59	≥25 to <29	Fair	D	6
≥40 to <49	≥20 to <24	Satisfactory	E	5
<40	<20	Fail	F	0
-		Absent	AB	0



### 18. Computation of SGPA and CGPA

The UGC recommends the following procedure to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

- (i) **SGPA**( $S_k$ ) of  $k^{\text{th}}$  semester (1 to 8) is ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the total number of credits of all the courses undergone/registered by a student, i.e

$$SGPA(S_k) = \frac{\sum_{i=1}^n (C_i \times G_i)}{\sum_{i=1}^n C_i}$$

Where  $C_i$  is the number of credits of the  $i^{\text{th}}$  course/subject in a semester and  $G_i$  is the grade point scored by the student in the  $i^{\text{th}}$  course/subject and  $n$  is the number of courses/subjects registered in that semester.

- (ii) **CGPA**: The CGPA is calculated in the same manner taking into account all the „ $m$ ’ courses/subjects registered by student over all the semesters of a Programme i.e., in all eight semesters

$$CGPA = \frac{\sum_{i=1}^m (C_i \times S_i)}{\sum_{i=1}^m C_i}$$

Where  $S_i$  is SGPA of the  $i^{\text{th}}$  semester and  $C_i$  is total number of credits in that semester.

- (iii) SGPA and CGPA shall be rounded off to 2 decimal points and reported in transcripts.

- (iv) As per AICTE regulations, conversion of CGPA into equivalent percentage as follows:

$$\text{Equivalent Percentage} = (\text{CGPA} - 0.75) \times 10$$

- (v) Illustration of Computation of SGPA and CGPA

**Illustration for SGPA:** Let us assume there are 6 subjects in a semester. The grades obtained as follows:

Course	Credit	Grade Obtained	Grade point	$S_i = \text{Credit Point}(\text{Credit} \times \text{Grade})$
Subject 1	3	B	8	3 X 8 = 24
Subject 2	4	C	7	4 X 7 = 28
Subject 3	3	D	6	3 X 6 = 18
Subject 4	3	A+	10	3 X 10 = 30
Subject 5	3	E	5	3 X 5 = 15
Subject 6	4	D	6	4 X 6 = 24
	20			139

Thus,  $SGPA = 139/20 = 6.95 = 6.9$  (approx.)

**Illustration for CGPA:**

Semester 1	Semester 2	Semester 3	Semester 4
Credits: 20 SGPA: 6.9	Credits: 22 SGPA: 7.8	Credits: 25 SGPA: 5.6	Credits: 26 SGPA: 6.0
Semester 5	Semester 6	Semester 7	Semester 8
Credits: 26 SGPA: 6.3	Credits: 25 SGPA: 8.0	Credits: 21 SGPA: 6.4	Credits: 23 SGPA: 7.5

Thus,

$$CGPA = \frac{20 \times 6.9 + 22 \times 7.8 + 25 \times 5.6 + 26 \times 6.0 + 26 \times 6.3 + 25 \times 8.0 + 21 \times 6.4 + 23 \times 7.5}{188} = \frac{1276.3}{188} = 6.78$$

### 19. Award of Class

After a student has satisfied the requirements prescribed for the completion of the program and is eligible for the award of B. Tech. Degree, he shall be placed in one of the following four classes:

Class Awarded	CGPA to be secured	Remarks
First Class with Distinction	$\geq 7.75$ (Without any supplementary appearance)	From the CGPA secured from 160 Credits
First Class	$\geq 6.75$	
Second Class	$\geq 5.75$ to $< 6.75$	
Pass Class	$\geq 5.00$ to $< 5.75$	

### 20. Minimum Instruction Days

The minimum instruction days for each semester shall be 90 working days. There shall be no branch transfers after the completion of the admission process. There shall be no transfer from one college/stream to another within the Constituent Colleges and Units of Jawaharlal Nehru Technological University Kakinada.

### 21. Withholding of Results

If the student is involved in indiscipline/malpractices/court cases, the result of the student will be withheld.

### 22. Transitory Regulations

- (a) Discontinued or detained candidates are eligible for re-admission as and when next offered.
- (b) The re-admitted candidate will be governed by the rules & regulations under which the candidate has been admitted.
- (c) (i) In case of transferred students from other Universities, credits shall be transferred to JNTUK as per the academic regulations and course structure of JNTUK.  
(ii) The students seeking transfer to colleges affiliated to JNTUK from various other Universities / Institutions have to obtain the credits of any equivalent subjects as prescribed by JNTUK. In addition, the transferred candidates have to pass the failed subjects at the earlier Institute with already obtained internal/sessional marks to be conducted by JNTUK.

### 23. Gap - Year

Gap Year concept of Student Entrepreneur in Residence shall be introduced and outstanding students who wish to pursue entrepreneurship are allowed to take a break of one year at any time after I/II/III year to pursue entrepreneurship full time. This period shall be counted for the maximum time for graduation. An evaluation committee at university level shall be constituted to evaluate the proposal submitted by the student and the committee shall decide on permitting the student for availing the Gap Year.

### 24. General

- (a) Wherever the words "he", "him", "his", occur in the regulations, they include "she", "her", "hers".
- (b) The academic regulation should be read as a whole for the purpose of any interpretation.
- (c) In case of any doubt or ambiguity in the interpretation of the above rules, the decision of the Vice-Chancellor is final.
- (d) The University may change or amend the academic regulations or syllabi at any time and the changes or amendments made shall be applicable to all the students with effect from the dates notified by the University.

\*\*\*

## **ACADEMIC REGULATIONS (R20) FOR B. TECH(LATERAL ENTRY SCHEME)**

Applicable for students admitted into II B. Tech. from the Academic Year 2020-21 onwards

### **1 Award of B. Tech. Degree**

A student will be declared eligible for the award of B. Tech. Degree if he fulfills the following academic regulations:

- a) A student shall be declared eligible for the award of the B. Tech Degree, if he pursues a course of study in not less than three academic years and not more than six academic years. After six academic years from the year of their admission, he/she shall **forfeit** their seat in B. Tech course and their admission stands cancelled.
- b) The candidate shall register for 121 credits and secure all the 121 credits.

2. The attendance regulations of B. Tech. (Regular) shall be applicable to B.Tech(lateral entry).

### **3. Promotion Rule**

A student shall be promoted from second year to third year if he fulfills the minimum attendance requirement.

A student shall be promoted from III year to IV year if he fulfills the academic requirements of 40% of the credits up to either III year I semester or III year II semester from all the examinations, whether or not the candidate takes the examinations and secures prescribed minimum attendance in III year II semester.

### **4. Award of Class**

After a student has satisfied the requirement prescribed for the completion of the program and is eligible for the award of B. Tech. Degree, he shall be placed in one of the following four classes:

<b>Class Awarded</b>	<b>CGPA to be secured</b>	<b>Remarks</b>
First Class with Distinction	$\geq 7.75$ (Without any supplementary appearance)	From the CGPA secured from 121 Credits from II Year to IV Year
First Class	$\geq 6.75$	
Second Class	$\geq 5.75$ to $< 6.75$	
Pass Class	$\geq 5.00$ to $< 5.75$	

The Grades secured, Grade points and Credits obtained will be shown separately in the memorandum of marks.

5. All the other regulations as applicable to **B. Tech. 4-year degree course (Regular)** will hold good for **B. Tech. (Lateral Entry Scheme)**.

## COMMUNITY SERVICE PROJECT

### *Introduction*

1. Community Service Project is an experiential learning strategy that integrates meaningful community service with instruction, participation, learning and community development
2. Community Service Project involves students in community development and service activities and applies the experience to personal and academic development.
3. Community Service Project is meant to link the community with the college for mutual benefit. The community will be benefited with the focused contribution of the collegestudents for the village/ local development. The college finds an opportunity to develop social sensibility andresponsibility among students and also emerge as a socially responsibleinstitution.

### *Objective*

Community Service Project should be an integral part of the curriculum, as an alternative to the 2 months of Summer Internships / Apprenticeships / On the Job Training, whenever there is an exigency when students cannot pursue their summer internships. The specific objectives are;

1. To sensitize the students to the living conditions of the people who are around them,
2. To help students to realize the stark realities of the society.
3. To bring about an attitudinal change in the students and help them to develop societal consciousness, sensibility, responsibility and accountability
4. To make students aware of their inner strength and help them to find new /out of box solutions to the social problems.
5. To make students socially responsible citizens who are sensitive to the needs of the disadvantaged sections.
6. To help students to initiate developmental activities in the community in coordination with public and government authorities.
7. To develop a holistic life perspective among the students by making them study culture, traditions, habits, lifestyles, resource utilization, wastages and its management, social problems, public administration system and the roles and responsibilities of different persons across different social systems.

### *Implementation of Community Service Project*

1. Every student should put in a minimum of **180 hours** for the Community Service Project during the summer vacation.
2. Each class/section should be assigned with a mentor.
3. Specific Departments could concentrate on their major areas of concern. For example, Dept.of Computer Science can take up activities related to Computer Literacy to different sections of people like - youth, women, house-wives, etc
4. A log book has to be maintained by each of the student, where the activities undertaken/involved to be recorded.
5. The log book has to be countersigned by the concerned mentor/faculty in charge.
6. Evaluation to be done based on the active participation of the student and grade could be awarded by the mentor/faculty member.
7. The final evaluation to be reflected in the grade memo of the student.
8. The Community Service Project should be different from the regular programmes of NSS/NCC/Green Corps/Red Ribbon Club, etc.
9. Minor project report should be submitted by each student. An internal Viva shall also be conducted by a committee constituted by the principal of the college.
10. Award of marks shall be made as per the guidelines of Internship/apprentice/ on the job training

### ***Procedure***

1. A group of students or even a single student could be assigned for a particular habitation or village or municipal ward, as far as possible, in the near vicinity of their place of stay, so as to enable them to commute from their residence and return back by evening or so.
2. The Community Service Project is a twofold one –
  - a) First, the student/s could conduct a survey of the habitation, if necessary, in terms of their own domain or subject area. Or it can even be a general survey, incorporating all the different areas. A common survey format could be designed. This should not be viewed as a duplication of work by the Village or Ward volunteers, rather, it could be another primary source of data.
  - b) Secondly, the student/s could take up a social activity, concerning their domain or subject area. The different areas, could be like –
    - Agriculture
    - Health
    - Marketing and Cooperation
    - Animal Husbandry
    - Horticulture
    - Fisheries
    - Sericulture
    - Revenue and Survey
    - Natural Disaster Management
    - Irrigation
    - Law & Order
    - Excise and Prohibition
    - Mines and Geology
    - Energy
    - Internet
    - Free Electricity
    - Drinking Water

### ***EXPECTED OUTCOMES***

#### **BENEFITS OF COMMUNITY SERVICE PROJECT TO STUDENTS**

##### ***Learning Outcomes***

1. Positive impact on students' academic learning
2. Improves students' ability to apply what they have learned in "the real world"
3. Positive impact on academic outcomes such as demonstrated complexity of understanding, problem analysis, problem-solving, critical thinking, and cognitive development
4. Improved ability to understand complexity and ambiguity

##### ***Personal Outcomes***

1. Greater sense of personal efficacy, personal identity, spiritual growth, and moral development
2. Greater interpersonal development, particularly the ability to work well with others, and build leadership and communication skills

##### ***Social Outcomes***

1. Reduced stereotypes and greater inter-cultural understanding
2. Improved social responsibility and citizenship skills
3. Greater involvement in community service after graduation

##### ***Career Development***

1. Connections with professionals and community members for learning and career opportunities
2. Greater academic learning, leadership skills, and personal efficacy can lead to greater opportunity

### ***Relationship with the Institution***

1. Stronger relationships with faculty
2. Greater satisfaction with college
3. Improved graduation rates

### ***BENEFITS OF COMMUNITY SERVICE PROJECT TO FACULTY MEMBERS***

1. Satisfaction with the quality of student learning
2. New avenues for research and publication via new relationships between faculty and community
3. Providing networking opportunities with engaged faculty in other disciplines or institutions
4. A stronger commitment to one's research

### ***BENEFITS OF COMMUNITY SERVICE PROJECT TO COLLEGES AND UNIVERSITIES***

1. Improved institutional commitment
2. Improved student retention
3. Enhanced community relations

### ***BENEFITS OF COMMUNITY SERVICE PROJECT TO COMMUNITY***

1. Satisfaction with student participation
2. Valuable human resources needed to achieve community goals
3. New energy, enthusiasm and perspectives applied to community work
4. Enhanced community-university relations.

### ***SUGGESTIVE LIST OF PROGRAMMES UNDER COMMUNITY SERVICE PROJECT***

The following is the recommended list of projects for Engineering students. The lists are not exhaustive and open for additions, deletions and modifications. Colleges are expected to focus on specific local issues for this kind of projects. The students are expected to carry out these projects with involvement, commitment, responsibility and accountability. The mentors of a group of students should take the responsibility of motivating, facilitating, and guiding the students. They have to interact with local leadership and people and appraise the objectives and benefits of this kind of projects. The project reports shall be placed in the college website for reference. Systematic, Factual, methodical and honest reporting shall be ensured.

#### ***For Engineering Students***

1. Water facilities and drinking water availability
2. Health and hygiene
3. Stress levels and coping mechanisms
4. Health intervention programmes
5. Horticulture
6. Herbal plants
7. Botanical survey
8. Zoological survey
9. Marine products
10. Aqua culture
11. Inland fisheries
12. Animals and species
13. Nutrition
14. Traditional health care methods
15. Food habits
16. Air pollution
17. Water pollution
18. Plantation
19. Soil protection
20. Renewable energy
21. Plant diseases
22. Yoga awareness and practice
23. Health care awareness programmes and their impact
24. Use of chemicals on fruits and vegetables
25. Organic farming

26. Crop rotation
27. Flourey culture
28. Access to safe drinking water
29. Geographical survey
30. Geological survey
31. Sericulture
32. Study of species
33. Food adulteration
34. Incidence of Diabetes and other chronic diseases
35. Human genetics
36. Blood groups and blood levels
37. Internet Usage in Villages
38. Android Phone usage by different people
39. Utilization of free electricity to farmers and related issues
40. Gender ration in schooling level- observation.

***Complimenting the community service project, the students may be involved to take up some awareness campaigns on social issues/special groups. The suggested list of programmes are;***

**Programmes for School Children**

1. Reading Skill Programme (Reading Competition)
2. Preparation of Study Materials for the next class.
3. Personality / Leadership Development
4. Career Guidance for X class students
5. Screening Documentary and other educational films
6. Awareness Programme on Good Touch and Bad Touch (Sexual abuse)
7. Awareness Programme on Socially relevant themes.

***Programmes for Women Empowerment***

1. Government Guidelines and Policy Guidelines
2. Womens' Rights
3. Domestic Violence
4. Prevention and Control of Cancer
5. Promotion of Social Entrepreneurship

***General Camps***

1. General Medical camps
2. Eye Camps
3. Dental Camps
4. Importance of protected drinking water
5. ODF awareness camp
6. Swatch Bharat
7. AIDS awareness camp
8. Anti Plastic Awareness
9. Programmes on Environment
10. Health and Hygiene
11. Hand wash programmes
12. Commemoration and Celebration of important days

***Programmes for Youth Empowerment Leadership***

1. Anti-alcoholism and Drug addiction
2. Anti-tobacco
3. Awareness on Competitive Examinations
4. Personality Development

### ***Common Programmes***

1. Awareness on RTI
2. Health intervention programmes
3. Yoga
4. Tree plantation
5. Programmes in consonance with the Govt. Departments like –
  - i. Agriculture
  - ii. Health
  - iii. Marketing and Cooperation
  - iv. Animal Husbandry
  - v. Horticulture
  - vi. Fisheries
  - vii. Sericulture
  - viii. Revenue and Survey
  - ix. Natural Disaster Management
  - x. Irrigation
  - xi. Law & Order
  - xii. Excise and Prohibition
  - xiii. Mines and Geology
  - xiv. Energy

### ***Role of Students:***

1. Students may not have the expertise to conduct all the programmes on their own. The students then can play a facilitator role.
2. For conducting special camps like Health related, they will be coordinating with the Governmental agencies.
3. As and when required the College faculty themselves act as Resource Persons.
4. Students can work in close association with Non-Governmental Organizations like Lions Club, Rotary Club, etc or with any NGO actively working in that habitation.
5. And also, with the Governmental Departments. If the programme is rolled out, the District Administration could be roped in for the successful deployment of the programme.
6. An in-house training and induction programme could be arranged for the faculty and participating students, to expose them to the methodology of Service Learning.

### ***Timeline for the Community Service Project Activity***

#### **Duration: 8 weeks**

#### **1. Preliminary Survey (One Week)**

- a) A preliminary survey including the socio-economic conditions of the allotted habitation to be conducted.
- b) A survey form based on the type of habitation to be prepared before visiting the habitation with the help of social sciences faculty. (However, a template could be designed for different habitations, rural/urban.
- c) The Governmental agencies, like revenue administration, corporation and municipal authorities and village secretariats could be aligned for the survey.

#### **2. Community Awareness Campaigns (Two Weeks)**

Based on the survey and the specific requirements of the habitation, different awareness campaigns and programmes to be conducted, spread over two weeks of time. The list of activities suggested could be taken into consideration.



3. ***Community Immersion Programme (Four Weeks)***

**Along with the Community Awareness Programmes**, the student batch can also work with any one of the below listed governmental agencies and work in tandem with them. This community involvement programme will involve the students in exposing themselves to the experiential learning about the community and its dynamics. Programmes could be in consonance with the Govt. Departments.

4. ***Community Exit Report (One Week)***

During the last week of the Community Service Project, a detailed report of the outcome of the 8 weeks works to be drafted and a copy shall be submitted to the local administration. This report will be a basis for the next batch of students visiting that particular habitation. The same report submitted to the teacher-mentor will be evaluated by the mentor and suitable marks are awarded for onward submission to the University.

Throughout the Community Service Project, a daily log-book need to be maintained by the students batch, which should be countersigned by the governmental agency representative and the teacher-mentor, who is required to periodically visit the students and guide them.

**MALPRACTICES RULES**  
**DISCIPLINARY ACTION FOR / IMPROPER CONDUCT IN EXAMINATIONS**

	<b>Nature of Malpractices/Improper conduct</b>	<b>Punishment</b>
	<i>If the candidate:</i>	
1. (a)	Possesses or keeps accessible in examination hall, any paper, note book, programmable calculators, Cell phones, pager, palm computers or any other form of material concerned with or related to the subject of the examination (theory or practical) in which he is appearing but has not made use of (material shall include any marks on the body of the candidate which can be used as an aid in the subject of the examination)	Expulsion from the examination hall and cancellation of the performance in that subject only.
(b)	Gives assistance or guidance or receives it from any other candidate orally or by any other body language methods or communicates through cell phones with any candidate or persons in or outside the exam hall in respect of any matter.	Expulsion from the examination hall and cancellation of the performance in that subject only of all the candidates involved. In case of an outsider, he will be handed over to the police and a case is registered against him.
2.	Has copied in the examination hall from any paper, book, programmable calculators, palm computers or any other form of material relevant to the subject of the examination (theory or practical) in which the candidate is appearing.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted to appear for the remaining examinations of the subjects of that Semester/year. The Hall Ticket of the candidate is to be cancelled and sent to the University.
3.	Impersonates any other candidate in connection with the examination.	The candidate who has impersonated shall be expelled from examination hall. The candidate is also debarred and forfeits the seat. The performance of the original candidate who has been impersonated, shall be cancelled in all the subjects of the examination (including practicals and project work) already appeared and shall not be allowed to appear for examinations of the remaining subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat. If the imposter is an outsider, he will be handed over to the police and a case is registered against him.
4.	Smuggles in the Answer book or additional sheet or takes out or arranges to send out the question paper during the examination or answer book or additional sheet, during or after the examination.	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
5.	Uses objectionable, abusive or offensive language in the answer paper or in letters to the examiners or writes to the examiner requesting him to award pass marks.	Cancellation of the performance in that subject.
6.	Refuses to obey the orders of the Chief Superintendent/Assistant – Superintendent / any officer on duty or misbehaves or creates disturbance of any kind in and around the examination hall or organizes a walk out or instigates others to walk out, or threatens the officer-in charge or any person on duty in or outside the examination hall of any injury to his person or to any of his relations whether by words, either spoken or written or by signs or by visible representation, assaults the officer-in-charge, or any person on duty in or outside the examination hall or any of his relations, or indulges in any other act of misconduct or mischief which result in damage to or destruction of property in the examination hall or any part of the College campus or engages in any	In case of students of the college, they shall be expelled from examination halls and cancellation of their performance in that subject and all other subjects the candidate(s) has (have) already appeared and shall not be permitted to appear for the remaining examinations of the subjects of that semester/year. The candidates also are debarred and forfeit their seats. In case of outsiders, they will be handed over to the police and a police case is registered against them.

	other act which in the opinion of the officer on duty amounts to use of unfair means or misconduct or has the tendency to disrupt the orderly conduct of the examination.	
7.	Leaves the exam hall taking away answer script or intentionally tears the script or any part thereof inside or outside the examination hall.	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
8.	Possess any lethal weapon or firearm in the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat.
9.	If student of the college, who is not a candidate for the particular examination or any person not connected with the college indulges in any malpractice or improper conduct mentioned in clause 6 to 8.	Student of the colleges expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat. Person(s) who do not belong to the College will be handed over to police and, a police case will be registered against them.
10.	Comes in a drunken condition to the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year.
11.	Copying detected on the basis of internal evidence, such as, during valuation or during special scrutiny.	Cancellation of the performance in that subject and all other subjects the candidate has appeared including practical examinations and project work of that semester/year examinations.
12.	If any malpractice is detected which is not covered in the above clauses 1 to 11 shall be reported to the University for further action and impose suitable punishment.	

#### Malpractices identified by squad or special invigilators

1. Punishments to the candidates as per the above guidelines.
2. Punishment for institutions: (if the squad reports that the college is also involved in encouraging malpractices)
  - (i) A show because notice shall be issued to the college.
  - (ii) Impose a suitable fine on the college.
  - (iii) Shifting the examination centre from the college to another college for a specific period of not less than one year.

\* \* \* \* \*



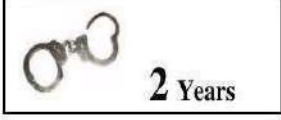




# Ragging

## Prohibition of ragging in educational institutions Act 26 of 1997

### Salient Features

- Ragging within or outside any educational institution is prohibited.
- Ragging means doing an act which causes or is likely to cause Insult or Annoyance of Fear or Apprehension or Threat or Intimidation or outrage of modesty or Injury to a student.

	Imprisonment upto		Fine Upto
Teasing, Embarrassing and Humiliation	 6 Months	+	Rs. 1,000/-
Assaulting or Using Criminal force or Criminal intimidation	 1 Year	+	Rs. 2,000/-
Wrongfully restraining or confining or causing	 2 Years	+	Rs. 5,000/-
Causing grievous hurt, kidnapping or Abducts or rape or committing unnatural offence	 5 Years	+	Rs. 10,000/-
Causing death or abetting suicide	 10 Months	+	Rs. 50,000/-

In Case of Emergency CALL TOLL FREE NO. : 1800 - 425 - 1288

LET US MAKE JNTUK A RAGGING FREE UNIVERSITY



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA**

**KAKINADA - 533 003, Andhra Pradesh, India**  
For Constituent Colleges and Affiliated Colleges of JNTUK



# **Ragging**

## **ABSOLUTELY**

### **NO TO RAGGING**

- 1. Ragging is prohibited as per Act 26 of A.P. Legislative Assembly, 1997.**
- 2. Ragging entails heavy fines and/or imprisonment.**
- 3. Ragging invokes suspension and dismissal from the College.**
- 4. Outsiders are prohibited from entering the College and Hostel without permission.**
- 5. Girl students must be in their hostel rooms by 7.00 p.m.**
- 6. All the students must carry their Identity Cards and show them when demanded**
- 7. The Principal and the Wardens may visit the Hostels and inspect the rooms any time.**



**Jawaharlal Nehru Technological University Kakinada**

For Constituent Colleges and Affiliated Colleges of JNTUK

**In Case of Emergency CALL TOLL FREE NO. : 1800 - 425 - 1288**

**LET US MAKE JNTUK A RAGGING FREE UNIVERSITY**





**Directorate of Academic Planning**  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA-533003, Andhra Pradesh, INDIA  
(Established by AP Government Act No. 30 of 2008)

Lr. No. DAP/AC/III Year /B. Tech-B. Pharmacy/2021

Date 28.08.2021

**Dr. R. Srinivasa Rao,**  
**Director, Academic Planning**  
**JNTUK, Kakinada**

To  
All the Principals of Affiliated Colleges,  
JNTUK, Kakinada.

**Academic Calendar for III - B. Tech & B. Pharmacy**  
**Academic year 2021-22**

I SEMESTER			
Description	From	To	Weeks
Commencement of Class Work	15.09.2021		
I Unit of Instruction	15.09.2021	30.10.2021	7W
I Mid Examinations	01.11.2021	06.11.2021	1W
II Unit of Instructions	08.11.2021	25.12.2021	7W
II Mid Examinations	27.12.2021	01.01.2022	1W
Preparation & Practicals	03.01.2022	08.01.2022	1W
End Examinations	10.01.2022	22.01.2022	2W
Commencement of II Semester Class Work	31.01.2022		
II SEMESTER			
I Unit of Instructions	31.01.2022	19.03.2022	7W
I Mid Examinations	21.03.2022	26.03.2022	1W
II Unit of Instructions	28.03.2022	14.05.2022	7W
II Mid Examinations	16.05.2022	21.05.2022	1W
Preparation & Practicals	23.05.2022	28.05.2022	1W
End Examinations	30.05.2022	11.06.2022	2W
Commencement of next Year Class Work			
<i>Note: Calendar is prepared with 8 hrs/day hence 7 weeks per instruction period</i>			

*R. Srinivasulu*  
**Director Academic Planning**  
**Director**  
**Academic Planning**  
**JNTUK Kakinada**

Copy to the Secretary to the Hon'ble Vice Chancellor, JNTUK  
Copy to Rector, Registrar, JNTUK  
Copy to Director Academic Audit, JNTUK  
Copy to Director of Evaluation, JNTUK



**Directorate of Academic Planning**  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA-533003, Andhra Pradesh, INDIA  
(Established by AP Government Act No. 30 of 2008)

Lr. No. DAP/AC/IV Year /B. Tech-B. Pharmacy/2021

Date 28.08.2021

**Dr. R. Srinivasa Rao,**  
**Director, Academic Planning**  
**JNTUK, Kakinada**

To  
All the Principals of Affiliated Colleges,  
JNTUK, Kakinada.

**Academic Calendar for IV - B. Tech & B. Pharmacy**  
**Academic year 2021-22**

I SEMESTER			
Description	From	To	Weeks
<b>Commencement of Class Work</b>	<b>01.09.2021</b>		
I Unit of Instruction	01.09.2021	16.10.2021	7W
I Mid Examinations	18.10.2021	23.10.2021	1W
II Unit of Instructions	25.10.2021	11.12.2021	7W
II Mid Examinations	13.12.2021	18.12.2021	1W
Preparation & Practicals	20.12.2021	25.12.2021	1W
End Examinations	27.12.2021	08.01.2022	2W
Commencement of II Semester Class Work	<b>17.01.2022</b>		
II SEMESTER			
I Unit of Instructions	<b>17.01.2022</b>	05.03.2022	7W
I Mid Examinations	07.03.2022	12.03.2022	1W
II Unit of Instructions	14.03.2022	30.04.2022	7W
II Mid Examinations	02.05.2022	07.05.2022	1W
Preparation & Practicals	09.05.2022	14.05.2022	1W
End Examinations	16.05.2022	28.05.2022	2W
Commencement of next Year Class Work			
<b>Note: Calendar is prepared with 8 hrs/day hence 7 weeks per instruction period</b>			

*R. Srinivasa Rao*  
**Director Academic Planning**

**Director**  
**Academic Planning**  
**JNTUK Kakinada**

Copy to the Secretary to the Hon'ble Vice Chancellor, JNTUK  
Copy to Rector, Registrar, JNTUK  
Copy to Director Academic Audit, JNTUK  
Copy to Director of Evaluation, JNTUK





**Directorate of Academic Planning**  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA-533003, Andhra Pradesh, INDIA  
(Established by AP Government Act No. 30 of 2008)

Lr. No. DAP/AC/II Year /B. Tech/2021

Date 25.09.2021

**Dr. R. Srinivasa Rao,**  
**Director, Academic Planning**  
**JNTUK, Kakinada**

To  
All the Principals of Affiliated Colleges,  
JNTUK, Kakinada.

**Academic Calendar for II - B. Tech**  
**Academic year 2021-22**

I SEMESTER			
Description	From	To	Weeks
<b>Commencement of Class Work</b>	<b>01.10.2021</b>		
I Unit of Instruction	01.10.2021	20.11.2021	7W
I Mid Examinations	22.11.2021	27.11.2021	1W
II Unit of Instructions	29.11.2021	15.01.2022	7W
II Mid Examinations	17.01.2022	22.01.2022	1W
Preparation & Practicals	24.01.2022	29.01.2022	1W
End Examinations	31.01.2022	12.02.2022	2W
Commencement of II Semester Class Work	<b>14.02.2022</b>		
II SEMESTER			
I Unit of Instructions	<b>14.02.2022</b>	02.04.2022	7W
I Mid Examinations	04.04.2022	09.04.2022	1W
II Unit of Instructions	11.04.2022	28.05.2022	7W
II Mid Examinations	30.05.2022	04.06.2022	1W
Preparation & Practicals	06.06.2022	11.06.2022	1W
End Examinations	13.06.2022	25.06.2022	2W
Commencement of next Year Class Work			
<i>Note: Calendar is prepared with 8 hrs/day hence 7 weeks per instruction period</i>			

*R. Srinivasulu*  
**Director Academic Planning**  
**Director**  
**Academic Planning**  
**JNTUK Kakinada**

Copy to the Secretary to the Hon'ble Vice Chancellor, JNTUK  
Copy to Rector, Registrar, JNTUK  
Copy to Director Academic Audit, JNTUK  
Copy to Director of Evaluation, JNTUK





**Directorate of Academic Planning**  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA-533003, Andhra Pradesh, INDIA  
(Established by AP Government Act No. 30 of 2008)

Lr. No. DAP/RAC/ II,III & IV Year /B. Tech/B. Pharmacy/2021

Date 08.10.2021

**Dr. R. Srinivasa Rao,**  
**Director, Academic Planning**  
**JNTUK, Kakinada**

To  
All the Principals of Affiliated Colleges,  
JNTUK, Kakinada.

**Revised Academic Calendar for II, III, IV Year - B. Tech/B. Pharmacy for the AY 2021-22**  
(As per G.O. Rt. No. 242, Higher Education (U.E) Dept., dated 13.09.2021)

I SEMESTER			
Description	From	To	Weeks
Commencement of Class Work	01.10.2021		
I Unit of Instruction	01.10.2021	20.11.2021	7W
I Mid Examinations	22.11.2021	27.11.2021	1W
II Unit of Instructions	29.11.2021	15.01.2022	7W
II Mid Examinations	17.01.2022	22.01.2022	1W
Preparation & Practicals	24.01.2022	29.01.2022	1W
End Examinations	31.01.2022	12.02.2022	2W
Commencement of II Semester Class Work	14.02.2022		
II SEMESTER			
I Unit of Instructions	14.02.2022	02.04.2022	7W
I Mid Examinations	04.04.2022	09.04.2022	1W
II Unit of Instructions	11.04.2022	28.05.2022	7W
II Mid Examinations	30.05.2022	04.06.2022	1W
Preparation & Practicals	06.06.2022	11.06.2022	1W
End Examinations	13.06.2022	25.06.2022	2W
Commencement of next Year Class Work			
<i>Note: Calendar is prepared with 8 hrs/day hence 7 weeks per instruction period</i>			

*R. Srinivasa Rao*  
**Director Academic Planning**  
**Director**  
**Academic Planning**  
**JNTUK Kakinada**

Copy to the Secretary to the Hon'ble Vice Chancellor, JNTUK  
Copy to Rector, Registrar, JNTUK  
Copy to Director Academic Audit, JNTUK  
Copy to Director of Evaluation, JNTUK

Website: www.jntuk.edu.in  
Email: dap@jntuk.edu.in



Phone: 0884-2300991

**Directorate of Academic Planning**  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA-533003, Andhra Pradesh, INDIA  
(Established by AP Government Act No. 30 of 2008)

Lr. No. JNTUK/DAP/RAC/II,III,IV & V Years/Pharm D/2021

Date:08-10-2021

**Dr. R. Srinivasa Rao,**  
Director, Academic Planning  
JNTUK, Kakinada

To  
All the Principals of Affiliated Colleges,  
JNTUK, Kakinada.

**Revised Academic Calendar of II, III, IV and V Year Pharm D for the AY 2021-22**  
(As per G.O. Rt. No. 242, Higher Education (U.E) Dept., dated 13.09.2021)

Description	From	To	Weeks
<b>Commencement of Class Work</b>	<b>01.10.2021</b>		
I Unit of Instruction	01.10.2021	18.12.2021	11W
I Mid Examinations	20.12.2021	25.12.2021	1W
II Unit of Instructions	27.12.2021	12.03.2022	11W
II Mid Examinations	14.03.2022	19.03.2022	1W
III Unit of Instructions	21.03.2022	04.06.2022	11W
III Mid Examinations	06.06.2022	11.06.2022	1W
Preparation & Practical Exams	13.06.2022	18.06.2022	1W
End Examinations	20.06.2022	02.07.2022	2W
<i>Note: Calendar is prepared with 8 hrs/day hence 7 weeks per instruction period</i>			

*R. Srinivasa Rao*  
Director Academic Planning  
Director  
Academic Planning  
JNTUK Kakinada

Copy to the Secretary to the Hon'ble Vice Chancellor, JNTUK  
Copy to Rector, Registrar, JNTUK  
Copy to Director Academic Audit, JNTUK  
Copy to Director of Evaluation, JNTUK

Website: www.jntuk.edu.in  
Email: dap@jntuk.edu.in



Phone: 0884-2300991

**Directorate of Academic Planning**  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA-533003, Andhra Pradesh, INDIA  
(Established by AP Government Act No. 30 of 2008)

Lr. No. JNTUK/DAP/RAC/VI Year/ Pharm D/2021

Date:08-10-2021

**Dr. R. Srinivasa Rao,**  
**Director, Academic Planning**  
**JNTUK, Kakinada**

To  
All the Principals of Affiliated Colleges,  
JNTUK, Kakinada.

**Revised Academic Calendar of VI Year Pharm D for the Academic year 2021-22**  
(As per G.O. Rt. No. 242, Higher Education (U.E) Dept., dated 13.09.2021)

Description	Date
Commencement of Class Work for Internship	01.10.2021
Closing of Internship (12 Months)	30.09.2022

*R. Srinivasa Rao*  
**Director Academic Planning**  
**Director**  
**Academic Planning**  
**JNTUK Kakinada**

Copy to the Secretary to the Hon'ble Vice Chancellor, JNTUK  
Copy to Rector, Registrar, JNTUK  
Copy to Director Academic Audit, JNTUK  
Copy to Director of Evaluation, JNTUK



Website: www.jntuk.edu.in  
Email: dap@jntuk.edu.in



Phone: 0884-2300991

**Directorate of Academic Planning**  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA-533003, Andhra Pradesh, INDIA  
(Established by AP Government Act No. 30 of 2008)

Lr. No. DAP/RAC/ II,III & IV Year /B. Arch/2021

Date 08.10.2021

**Dr. R. Srinivasa Rao,**  
**Director, Academic Planning**  
**JNTUK, Kakinada**

To  
All the Principals of Affiliated Colleges,  
JNTUK, Kakinada.

**Revised Academic Calendar for II, III, IV Year - B. Arch for the Academic year 2021-22**  
(As per G.O. Rt. No. 242, Higher Education (U.E) Dept., dated 13.09.2021)

I SEMESTER			
Description	From	To	Weeks
Commencement of Class Work	01.10.2021		
I Unit of Instruction	01.10.2021	20.11.2021	7W
I Mid Examinations	22.11.2021	27.11.2021	1W
II Unit of Instructions	29.11.2021	15.01.2022	7W
II Mid Examinations	17.01.2022	22.01.2022	1W
Preparation & Practicals	24.01.2022	29.01.2022	1W
End Examinations	31.01.2022	12.02.2022	2W
Commencement of II Semester Class Work	14.02.2022		
II SEMESTER			
I Unit of Instructions	14.02.2022	02.04.2022	7W
I Mid Examinations	04.04.2022	09.04.2022	1W
II Unit of Instructions	11.04.2022	28.05.2022	7W
II Mid Examinations	30.05.2022	04.06.2022	1W
Preparation & Practicals	06.06.2022	11.06.2022	1W
End Examinations	13.06.2022	25.06.2022	2W
Commencement of next Year Class Work			
<i>Note: Calendar is prepared with 8 hrs/day hence 7 weeks per instruction period</i>			

*R. Srinivasa Rao*  
**Director Academic Planning**  
**Director**  
**Academic Planning**  
**JNTUK Kakinada**

Copy to the Secretary to the Hon'ble Vice Chancellor, JNTUK  
Copy to Rector, Registrar, JNTUK  
Copy to Director Academic Audit, JNTUK  
Copy to Director of Evaluation, JNTUK

Website: www.jntuk.edu.in  
Email: dap@jntuk.edu.in



Phone: 0884-2300991

**Directorate of Academic Planning**  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA-533003, Andhra Pradesh, INDIA  
(Established by AP Government Act No. 30 of 2008)

Lr. No. JNTUK/DAP/RAC/V Year/B. Arch/2020-21

Date: 08-10-2021

**Dr. R. Srinivasa Rao,**  
**Director, Academic Planning**  
**JNTUK, Kakinada**

To  
All the Principals of Affiliated Colleges,  
JNTUK, Kakinada.

**Revised Academic Calendar for V Year B. Arch for the Academic year 2021-22**  
**(As per G.O. Rt. No. 242, Higher Education (U.E) Dept., dated 13.09.2021)**

I & II SEMESTER			
Description	From	To	Weeks
Commencement of Practical Training/Instruction period	01.10.2021		
Practical Training/Instruction period	01.10.2021	09.07.2022	40W
Preparation Holidays	11.07.2022	16.07.2022	1 W
End Viva-Voce Examination	18.07.2022	23.07.2022	1 W

*R. Srinivasa Rao*  
**Director Academic Planning**

**Director**  
**Academic Planning**  
**JNTUK Kakinada**

Copy to the Secretary to the Hon`ble Vice Chancellor, JNTUK  
Copy to Rector, Registrar, JNTUK  
Copy to Director Academic Audit, JNTUK  
Copy to Director of Evaluation, JNTUK

Website: www.jntuk.edu.in  
Email: dapjntuk@gmail.com



Phone: 0884-2300991  
Mobile: 7032606555

**Directorate of Academic Planning**  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA-533003, Andhra Pradesh, INDIA  
(Established by AP Government Act No. 30 of 2008)

Lr. No. JNTUK/DAP/AC/I Year/B. Tech/2021-22

Date: 19-11-2021

**Dr. R. Srinivasa Rao,**  
Director, Academic Planning  
JNTUK, Kakinada

To  
All the Principals of Affiliated Colleges,  
JNTUK, Kakinada.

**Academic Calendar of I Year B. Tech for the Academic Year 2021-22**

I SEMESTER			
Description	From	To	Weeks
Commencement of Class Work	22.11.2021		
Induction Classes	22.11.2021	27.11.2021	1W
I Unit of Instruction	29.11.2021	15.01.2022	7W
I Mid Examinations	17.01.2022	22.01.2022	1W
II Unit of Instructions	24.01.2022	12.03.2022	7W
II Mid Examinations	14.03.2022	19.03.2022	1W
Preparation & Practicals	21.03.2022	26.03.2022	1W
End Examinations	28.03.2022	09.04.2022	2W
Commencement of II Semester Class Work	11.04.2022		
II SEMESTER			
I Unit of Instructions	11.04.2022	28.05.2022	7W
I Mid Examinations	30.05.2022	04.06.2022	1W
II Unit of Instructions	06.06.2022	23.07.2022	7W
II Mid Examinations	25.07.2022	30.07.2022	1W
Preparation & Practicals	01.08.2022	06.08.2022	1W
End Examinations	08.08.2022	20.08.2022	2W
Commencement of next Year Class Work	22.08.2022		

*Note: Calendar is prepared with 8 hrs/day hence 7 weeks per instruction period*

*R. Srinivasulu*  
Director Academic Planning  
Director  
Academic Planning  
JNTUK Kakinada

Copy to the Secretary to the Hon'ble Vice Chancellor, JNTUK  
Copy to Rector, JNTUK  
Copy to Registrar, JNTUK  
Copy to Director Academic Audit, JNTUK  
Copy to Director of Evaluation, JNTUK





**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**III B TECH I SEMESTER (R19 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, JANUARY - 2022**

**TIME TABLE**

**TIME: 10.00 AM TO 12.00 PM**

BRANCH	DATE & DAY					
	18-01-2022 (Tuesday)	19-01-2022 (Wednesday)	20-01-2022 (Thursday)	21-01-2022 (Friday)	22-01-2022 (Saturday)	24-01-2022 (Monday)
<b>CIVIL ENGINEERING (01 CE)</b>	Structural Analysis (R1931011)	Concrete Technology (R1931012)	Water Resources Engineering - I (R1931013)	Environmental Engineering - II (R1931014)	<b>Program Elective – I :-</b>	<b>Open Elective – I (Choose any One)</b>
					i) Repair & Rehabilitation of Buildings (R193101A)	ii) Disaster Management (R193101F)
					ii) Environmental Impact Assessment (R193101B)	ii) Environmental Pollution & Control (R193101G)
					iii) Reinforced Soil Structures (R193101C)	iii) Elements of Civil Engineering (R193101H)
					iv) Traffic Engineering (R193101D)	iv) Green Technology (R193101I)
					v) Construction Technology & Management (R193101E)	v) Smart Cities (R193101J)
						vi) Project Management (R193101K)
						vii) Traffic Safety (R193101L)
						viii) Geo-Spatial Technologies (R193101M)
ix) Wastewater Treatment (R193101N)						
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02 EEE)</b>	Power Systems-II (R1931021)	Power Electronics (R1931022)	Linear IC Applications (R1931023)	Digital Signal Processing (R1931024)	Microprocessors and Microcontrollers (R1931025)	.....
<b>MECHANICAL ENGINEERING (03 ME)</b>	Dynamics of Machinery (R1931031)	Design of Machine Members-II (R1931032)	Mechanical Measurements & Metrology (R1931033)	Managerial Economics and Financial Accountancy (R1931034)	IC Engines & Gas turbines (R1931035)	.....



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## III B TECH I SEMESTER (R19 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, JANUARY - 2022 TIME TABLE

**TIME: 10.00 AM TO 12.00 PM**

BRANCH	DATE & DAY					
	18-01-2022 (Tuesday)	19-01-2022 (Wednesday)	20-01-2022 (Thursday)	21-01-2022 (Friday)	22-01-2022 (Saturday)	24-01-2022 (Monday)
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04 ECE)</b>	Linear Integrated Circuits and Applications (R1931041)	Microprocessor and Microcontrollers (R1931042)	Digital Communications (R1931043)	Electronic Measurements & Instrumentation (R1931044)	.....	<b>Professional Elective (PE 1) :-</b>
						i) Information Theory & Coding (R193104A)
						ii) Digital System Design Using HDL (R193104B)
						iii) Datastructures and Algorithms (R193104C)
						iv) Soft Computing Techniques and Python Programming (R193104D)
v) Simulation & Mathematical Modeling (R193104E)						
<b>COMPUTER SCIENCE &amp; ENGINEERING (05 CSE)</b>	Data Warehousing and Data Mining (R1931051)	Computer Networks (R1931052)	Compiler Design (R1931053)	Artificial Intelligence (R1931054)	.....	<b>Professional Elective- I:-</b>
						i) Computer Graphics (R193105A)
						ii) Principles of Programming Languages (R193105B)
						iii) Advanced Data Structures (R193105C)
						iv) Software Testing Methodologies (R193105D)
v) Advanced Computer Architecture (R193105E)						
<b>INFORMATION TECHNOLOGY (12 IT)</b>	Advanced Data Structures (R1931121)	Computer Networks (R1931122)	Compiler Design (R1931123)	Artificial Intelligence (R1931054)	Design and Analysis of Algorithms (R1931124)	<b>Professional Elective -I:-</b>
						i) Software Testing Methodologies (R193105D)
						ii) NoSQL Databases (R193112A)
						iii) Scripting Languages (R193112B)
						iv) Computer Graphics (R193105A)
v) R-Programming (R193112C)						





**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA


**III B TECH I SEMESTER (R19 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, JANUARY - 2022  
TIME TABLE**

**TIME: 10.00 AM TO 12.00 PM**

BRANCH	DATE & DAY					
	18-01-2022 (Tuesday)	19-01-2022 (Wednesday)	20-01-2022 (Thursday)	21-01-2022 (Friday)	22-01-2022 (Saturday)	24-01-2022 (Monday)
<b>AUTO MOBILE ENGINEERING (24 AME)</b>	Dynamics of Machinery (R1931031)	Fuels and Combustion (R1931241)	Automotive Components Design (R1931242)	Micro Processors and Micro Controllers (R1931243)	Machine Tools & Metrology (R1931244)	.....
<b>MINING ENGINEERING (26 MM)</b>	Underground Coal Mining Technology (R1931261)	Mine Environment Engineering – II (R1931262)	Rock Mechanics (R1931263)	Mining Machinery & Mechanization-I (R1931264)	Corporate Social Responsibility in Mining (R1931265)	<b>Open Elective :-</b>
						i) Waste Water Management (R193126A)
						ii) Environmental impact analysis (R193126B)
						iii) Disaster Management and Mitigations (R193126C)
<b>PETROLEUM ENGINEERING/ PETROLEUM TECHNOLOGY (27 PE)</b>	Process Dynamics & Control (R1931271)	Well Logging & Formation Evaluation (R1931272)	Drilling & Well Completions (R1931273)	Managerial Economics & Financial Analysis (R1931279)	<b>Professional Elective -I :-</b>	<b>Open Elective - I :-</b>
					i) Fundamentals of Liquefied Natural Gas. (R193127A)	i) Disaster Management (R193101F)
					ii) CBM Reservoir Engineering (R193127B)	ii) Renewable Energy Sources (R193127C)
<b>AGRICULTURAL ENGINEERING (35 AGE)</b>	Thermodynamics and Refrigeration systems (R1931351)	Soil and Water Conservation Engineering (R1931352)	Agricultural Process Engineering (R1931353)	Managerial Economics & Financial Analysis (R1931279)	Farm Machinery and Equipment - I R1931354	.....

**NOTE:**

- (i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.
- (ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- (iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

  
**Controller of Examinations**



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

III B TECH I SEMESTER (R19 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, NOVEMBER - 2021

## T I M E T A B L E

TIME: 02.00 PM TO 04.00 PM

BRANCH	DATE & DAY					
	22-11-2021 (Monday)	23-11-2021 (Tuesday)	24-11-2021 (Wednesday)	25-11-2021 (Thursday)	26-11-2021 (Friday)	27-11-2021 (Saturday)
<b>CIVIL ENGINEERING (01 CE)</b>	Structural Analysis (R1931011)	Concrete Technology (R1931012)	Water Resources Engineering - I (R1931013)	Environmental Engineering - II (R1931014)	.....	<b>Program Elective – I :-</b>
						i) Repair & Rehabilitation of Buildings (R193101A)
						ii) Environmental Impact Assessment (R193101B)
						iii) Reinforced Soil Structures (R193101C)
						iv) Traffic Engineering (R193101D)
						v) Construction Technology & Management (R193101E)
						<b>Open Elective – I (Choose any One</b>
						i) Disaster Management (R193101F)
						ii) Environmental Pollution & Control
						iii) Elements of Civil Engineering
						iv) Green Technology (R193101I)
						v) Smart Cities (R193101J)
						vi) Project Management (R193101K)
vii) Traffic Safety (R193101L)						
viii) Geo-Spatial Technologies (R193101M)						
ix) Wastewater Treatment(R193101N)						
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02 EEE)</b>	Power Systems-II (R1931021)	Power Electronics (R1931022)	Linear IC Applications (R1931023)	Digital Signal Processing (R1931024)	Microprocessors and Microcontrollers (R1931025)	.....



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

III B TECH I SEMESTER (R19 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, NOVEMBER - 2021

**T I M E T A B L E**

**TIME: 02.00 PM TO 04.00 PM**

BRANCH	DATE & DAY					
	22-11-2021 (Monday)	23-11-2021 (Tuesday)	24-11-2021 (Wednesday)	25-11-2021 (Thursday)	26-11-2021 (Friday)	27-11-2021 (Saturday)
<b>MECHANICAL ENGINEERING (03 ME)</b>	Dynamics of Machinery (R1931031)	Design of Machine Members-II (R1931032)	Mechanical Measurements & Metrology (R1931033)	Managerial Economics and Financial Accountancy (R1931034)	IC Engines & Gas turbines (R1931035)	.....
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04 ECE)</b>	Linear Integrated Circuits and Applications (R1931041)	Microprocessor and Microcontrollers (R1931042)	Digital Communications (R1931043)	Electronic Measurements & Instrumentation (R1931044)	.....	<b>Professional Elective (PE 1) :-</b>
						i) Information Theory & Coding (R193104A)
						ii) Digital System Design Using HDL (R193104B)
						iii) Datastructures and Algorithms (R193104C)
						iv) Soft Computing Techniques and Python Programming (R193104D)
v) Simulation & Mathematical Modeling (R193104E)						
<b>COMPUTER SCIENCE &amp; ENGINEERING (05 CSE)</b>	Data Warehousing and Data Mining (R1931051)	Computer Networks (R1931052)	Compiler Design (R1931053)	Artificial Intelligence (R1931054)	.....	<b>Professional Elective- I:-</b>
						i) Computer Graphics (R193105A)
						ii) Principles of Programming Languages (R193105B)
						iii) Advanced Data Structures (R193105C)
						iv) Software Testing Methodologies (R193105D)
v) Advanced Computer Architecture (R193105E)						



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**III B TECH I SEMESTER (R19 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, NOVEMBER - 2021**

**T I M E T A B L E**

**TIME: 02.00 PM TO 04.00 PM**

BRANCH	DATE & DAY					
	22-11-2021 (Monday)	23-11-2021 (Tuesday)	24-11-2021 (Wednesday)	25-11-2021 (Thursday)	26-11-2021 (Friday)	27-11-2021 (Saturday)
<b>INFORMATION TECHNOLOGY (12 IT)</b>	Advanced Data Structures (R1931121)	Computer Networks (R1931122)	Compiler Design (R1931123)	Artificial Intelligence (R1931054)	Design and Analysis of Algorithms (R1931124)	<b><u>Professional Elective -I:-</u></b>
						i) Software Testing Methodologies (R193105D)
						ii) NoSQL Databases (R193112A)
						iii) Scripting Languages (R193112B)
						iv) Computer Graphics (R193105A)
v) R-Programming (R193112C)						
<b>AUTO MOBILE ENGINEERING (24 AME)</b>	Dynamics of Machinery (R1931031)	Fuels and Combustion (R1931241)	Automotive Components Design (R1931242)	Micro Processors and Micro Controllers (R1931243)	Machine Tools & Metrology (R1931244)	.....
<b>MINING ENGINEERING (26 MM)</b>	Underground Coal Mining Technology (R1931261)	Mine Environment Engineering – II (R1931262)	Rock Mechanics (R1931263)	Mining Machinery & Mechanization-I (R1931264)	Corporate Social Responsibility in Mining (R1931265)	<b><u>Open Elective :-</u></b>
						i) Waste Water Management (R193126A)
						ii) Environmental impact analysis (R193126B)
iii) Disaster Management and Mitigations (R193126C)						

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

III B TECH I SEMESTER (R19 REGULATION) I MID &amp; ONLINE QUIZ EXAMINATIONS, NOVEMBER - 2021

**T I M E T A B L E****TIME: 02.00 PM TO 04.00 PM**

BRANCH	DATE & DAY					
	22-11-2021 (Monday)	23-11-2021 (Tuesday)	24-11-2021 (Wednesday)	25-11-2021 (Thursday)	26-11-2021 (Friday)	27-11-2021 (Saturday)
<b>PETROLEUM ENGINEERING/PETROLEUM TECHNOLOGY</b> (27 PE)	Process Dynamics & Control (R1931271)	Well Logging & Formation Evaluation (R1931272)	Drilling & Well Completions (R1931273)	Managerial Economics & Financial Accounting (R1931034)	.....	<b>Professional Elective -I :-</b>
						i) Fundamentals of Liquefied Natural Gas. (R193127A)
						ii) CBM Reservoir Engineering (R193127B)
						<b>Open Elective - I :-</b>
						i) Disaster Management (R193101F)
ii) Renewable Energy Sources (R193127C)						
<b>AGRICULTURAL ENGINEERING</b> (35 AGE)	Thermodynamics and Refrigeration systems (R1931351)	Soil and Water Conservation Engineering (R1931352)	Agricultural Process Engineering (R1931353)	Managerial Economics and Financial Analysis (R1931034)	Farm Machinery and Equipment - I <b>R1931354</b>	.....

**NOTE:**

- (i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.
- (ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- (iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

**Controller of Examinations****DATE: 08-11-2021**



II B.TECH I SEMESTER (R20)

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B TECH I SEMESTER (R20 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, JANUARY - 2022**

**T I M E T A B L E**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DAY AND DATE				
	04-01-2022 (Tuesday)	05-01-2022 (Wednesday)	06-01-2022 (Thursday)	07-01-2022 (Friday)	08-01-2022 (Saturday)
<b>CIVIL ENGINEERING (01-CE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Strength of Materials-I <b>R2021012</b>	Fluid Mechanics <b>R2021013</b>	Surveying and Geometrics <b>R2021014</b>	Highway Engineering <b>R2021015</b>
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)</b>	Mathematics – IV <b>R2021021</b>	Electronic Devices and Circuits <b>R2021022</b>	Electrical Circuit Analysis –II <b>R2021023</b>	DC Machines and Transformers <b>R2021024</b>	Electro Magnetic Fields <b>R2021025</b>
<b>MECHANICAL ENGINEERING (03-ME)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mechanics of Solids <b>R2021031</b> (Common to ME,AME)	Production Technology <b>R2021033</b>	Fluid Mechanics & Hydraulic Machines <b>R2021032</b> (Comm to ME,AME)	Kinematics of Machinery <b>R2021034</b>
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04-ECE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Electronic Devices and Circuits <b>R2021041</b> (Common to ECE,EIE,ECT)	Switching Theory and Logic Design <b>R2021042</b> (Common to ECE,EIE,ECT)	Signals and Systems <b>R2021043</b> (Common to ECE,EIE,ECT)	Random Variables and Stochastic Processes <b>R2021044</b> (Common to ECE,ECT)
<b>COMPUTER SCIENE &amp; ENGINEERING (05-CSE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE, CST, CSE (AIML),AI,DS,CSE(AIDS),CSE (CS),IOTCSBT,CSBS,IOT,AIDS,CS,AIML)	Object Oriented Programming through C++ <b>R2021051</b> (Common to CSE,IT)	Operating Systems <b>R2021052</b> (Common to CSE,CST, IT,CS,IOTCSBT,IOT,CS)	Software Engineering <b>R2021053</b>

<b>COMPUTER SCIENE &amp; TECHNOLOGY (06)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AI,DS,CSE(AIDS),CSE(CS),IOTCSBT,CS BS,IOT,AIDS,CS,AIML)	Data Structures <b>R2021061</b> (Common to CST,CSE (CS) CS,OITCSBT,CSBS,IOT,CS)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT, CSE(CS),IOTCSBT,IOT)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS), OITCSBT,IOT,CS)
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Electronic Devices and Circuits <b>R2021041</b> (Common to ECE,EIE,ECT)	Switching Theory and Logic Design <b>R2021042</b> (Common to ECE,EIE,ECT)	Signals and Systems <b>R2021043</b> (Common to ECE,EIE,ECT)	Electronic Measurements and Instrumentation <b>R2021101</b>
<b>INFORMATION TECHNOLOGY (12-IT)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Discrete Mathematics and Graph Theory <b>R2021122</b>	Object Oriented Programming through C++ <b>R2021051</b> (Common to CSE, IT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML), AI,DS,CSE(AIDS), AIDS,AIML)
<b>ELECTRONICS &amp; COMMUNICATION TECHNOLOGY (14)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Electronic Devices and Circuits <b>R2021041</b> (Common to ECE,EIE,ECT)	Switching Theory and Logic Design <b>R2021042</b> (Common to ECE,EIE,ECT)	Signals and Systems R2021043 (Common to ECE,EIE,ECT)	Random Variables and Stochastic Process <b>R2021044</b> (Common to ECE,ECT)
<b>AUTO MOBILE ENGINEERING (24-AME)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mechanics of Solids <b>R2021031</b> (Common to ME,AME)	Thermodynamics <b>R2021241</b>	Fluid Mechanics & Hydraulic Machines <b>R2021032</b> (Comm to ME,AME)	Components of Automobile Chassis <b>R2021242</b>
<b>MINING ENGINEERING (26-MM)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Development of Mineral Deposits <b>R2021261</b>	Mine Surveying <b>R2021262</b>	Engineering and Economic Geology <b>R2021263</b>	Mineral Processing Technology <b>R2021264</b>
<b>PETROLEUM ENGINEERING/PET ROLEUM TECHNOLOGY (27-PE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Petroleum Geology <b>R2021271</b>	Fluid Mechanics for Petroleum Engineers <b>R2021272</b>	Heat Transfer Operations <b>R2021273</b>	Material and Energy Balances <b>R2021274</b>

<b>AGRICULTURAL ENGINEERING (35-AGE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Surveying and Leveling <b>R2021351</b>	Fluid Mechanics and Open Channel Hydraulics <b>R2021352</b>	Properties and Strength of Materials <b>R2021353</b>	Farm Power and Tractor Systems <b>R2021354</b>
<b>CSE (Artificial Intelligence and Machine Learning) (42)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AIDS,CSE(AIDS),CSE(CS),IOTCSBT,CS BS,IOT,AIDS,CS,AIML)	Introduction to Artificial Intelligence and Machine Learning <b>R2021421</b> (Common to CSE(AIML), AIML)	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS), AIDS,AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML),AI,DS, CSE(AIDS), AIDS,AIML)
<b>CSE (Artificial Intelligence) (43)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AIDS,CSE(AIDS),CSE(CS),IOTCSBT,CS BS,IOT,AIDS,CS,AIML)	Introduction to Artificial Intelligence <b>R2021431</b>	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML), AI,DS,CSE(AIDS),AIDS,AIML)	Database Management Systems <b>R2021121</b> (Common to IT, CSE(AIML), AI,DS, CSE(AIDS), AIDS,AIML)
<b>CSE (Data Science) (44)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AIDS,CSE(AIDS),CSE(CS),IOTCSBT,CS BS,IOT,AIDS,CS,AIML)	Fundamentals of Data Science <b>R2021441</b>	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML), AI,DS,CSE(AIDS),AIDS,AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML),AI,DS, CSE(AIDS), AIDS,AIML)
<b>CSE (Artificial Intelligence and Data Science) (45)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AIDS,CSE(AIDS),CS,IOTCSBT,CSBS,IOT,AIDS,AIML)	Introduction to Artificial Intelligence and Data Science <b>R2021451</b> (Comm to CSE(AIDS),AIDS)	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS ,AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML), AI,DS,CSE(AIDS), AIDS,AIML)
<b>CSE (Cyber Security) (46)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AIDS,CSE(AIDS),CSE(CS),IOTCSBT,CS BS,IOT,AIDS,CS,AIML)	Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS, OITCSBT,CSBS,IOT,CS)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT,CS)




<b>CSE (Internet of things and Cyber security including Block chain Technology) (47)</b>	<b>Mathematics -III R2021011</b> (Except EEE,FE)	<b>Mathematical Foundations of Computer Science R2021054</b> (Comm to CSE,CST, CSE(AIML),AIDS,CSE(AIDS), CSE(CS),IOTCSBT,CSBS,IOT, AIDS,CS,AIML)	<b>Data Structures R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT,CSBS,IOT,CS)	<b>Operating Systems R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	<b>Java Programming R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT,CS)
<b>CSE (Computer Science and Business System) (48)</b>	<b>Mathematics -III R2021011</b> (Except EEE,FE)	<b>Mathematical Foundations of Computer Science R2021054</b> (Comm to CSE,CST,CSE(AIML),AIDS, CSE(AIDS),CS,IOTCSBT,CSBS, IOT,AIDS,AIML)	<b>Data Structures R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT,CSBS,IOT,CS)	<b>Formal Languages &amp; Automata Theory R2021481</b>	<b>Computer Organization &amp; Architecture R2021482</b>
<b>CSE (Internet of Things) (49)</b>	<b>Mathematics -III R2021011</b> (Except EEE,FE)	<b>Mathematical Foundations of Computer Science R2021054</b> (Comm to CSE,CST,CSE(AIML),AIDS, CSE(AIDS),CSE(CS),IOTCSBT,CSBS,IOT ,AIDS,CS,AIML)	<b>Data Structures R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT,CSBS,IOT,CS)	<b>Operating Systems R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	<b>Java Programming R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT,CS)
<b>FOOD ENGINEERING (51)</b>	<b>Probability and Statistics R2021511</b>	<b>Principles of Food Engineering -I R2021512</b>	<b>Mechanical Operations in Food Processing R2021513</b>	<b>Fluid Mechanics in Food Processing R2021514</b>	<b>Food Microbiology R2021515</b>
<b>ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)</b>	<b>Mathematics -III R2021011</b> (Except EEE,FE)	<b>Mathematical Foundations of Computer Science R2021054</b> (Comm to CSE,CST,CSE(AIML),AIDS, CSE(AIDS),CSE(CS),IOTCSBT,CSBS, IOT,AIDS,CS,AIML)	<b>Introduction to Artificial Intelligence and Data Science R2021451</b> (Comm to CSE(AIDS),AIDS)	<b>Object Oriented Programming with Java R2021422</b> (Comm to CSE(AIML),AIDS,CSE(AIDS), AIDS,AIML)	<b>Database Management Systems R2021121</b> (Common to IT,CSE(AIML),AIDS, CSE(AIDS), AIDS,AIML)
<b>PHARMACEUTICAL ENGINEERING (55)</b>	<b>Mathematics – III R2021011</b> (Except EEE,FE) (Vector Calculus, Transforms and PDE)	<b>Pharmacology R2021551</b>	<b>Material and Energy Balance Computations R2021552</b>	<b>Fluid Mechanics and Mechanical Unit Operations R2021553</b>	<b>Thermodynamics for pharmaceutical Engineers R2021554</b>

<p align="center"><b>CYBER SECURITY (59)</b></p>	<p align="center">Mathematics -III <b>R2021011</b> (Except EEE,FE)</p>	<p align="center">Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML),AIDS, CSE(AIDS),CSE(CS),IOTCSBT,CSBS, IOT,AIDS,CS,AIML)</p>	<p align="center">Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT, CSBS,IOT,CS)</p>	<p align="center">Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CSE(CS),IOTCSBT,IOT )</p>	<p align="center">Java Programming <b>R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT,CS)</p>
<p align="center"><b>ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)</b></p>	<p align="center">Mathematics -III <b>R2021011</b> (Except EEE,FE)</p>	<p align="center">Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST, CSE (AIML),AIDS,CSE(AIDS),CSE(CS), IOTCSBT,CSBS,IOT,AIDS,CS,AIML)</p>	<p align="center">Introduction to Artificial Intelligence and Machine Learning <b>R2021421</b> (Common to CSE(AIML),AIML)</p>	<p align="center">Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML),AIDS,CSE(AIDS),AIDS ,AIML)</p>	<p align="center">Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML) AIDS,CSE(AIDS), AIDS,AIML)</p>

NOTE:

- (i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.
- (ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- (iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

**DATE: 31-12-2021**

  
**Controller of Examinations**



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**IV B.TECH - I SEMESTER (R16) II MID & ONLINE QUIZ EXAMINATIONS, JANUARY - 2022**

**T I M E T A B L E**

**TIME : 10.00 AM TO 12.00 NOON**

Branch	18-01-2022 (Tuesday)	19-01-2022 (Wednesday)	20-01-2022 (Thursday)	21-01-2022 (Friday)	22-01-2022 (Saturday)	24-01-2022 (Monday)
<b>Civil Engineering (01)</b>	Environmental Engineering – II (R1641011)	Water Resource Engineering - II (R1641012)	Geotechnical Engineering - II (R1641013)	Remote sensing and GIS Applications (R1641014)	<b>Elective-I:</b> Finite Element Methods (R164101A)/Ground Improve Techniques (R164101B)/Air Pollution and Control (R164101C)/Urban Hydrology (R164101D)/Traffic Engineering (R164101E)	<b>Elective-II:</b> Advanced Structural Engineering (R164101F)/Advanced Foundation Engineering (R164101G)/Environmental Impact Assessment & Management (R164101H)/Ground Water Development (R164101I)/Pavement Analysis and Design (R164101J)
<b>Electrical &amp; Electronics Engineering (02)</b>	Utilization of Electrical Energy (R1641021)	Linear IC Application (R1641022)	Power Systems Operation & Control (R1641023)	Switch Gear and Protection (R1641024)	<b>Elective-I:</b> Electrical Machine Modeling Analysis (R164102A)/Advanced Control Systems (R164102B)/Programmable Logic Control & Applications (R164102C)/Instrumentation (R164102D)	<b>Elective-II:</b> Optimization Techniques (R164102E)/Electric Power Quality (R164102F)/Special Electrical Machines (R164102G)
<b>Mechanical Engineering (03)</b>	Mechatronics (R1641031)	CAD/CAM (Common to ME & AME) (R1641032)	Finite Element Methods (Common to ME & AME) (R1641033)	Power Plant Engineering (R1641034)	<b>Elective-I:</b> Computational Fluid Dynamics (Common to ME , AME & AE) (R164103A)/Condition Monitoring (Common to ME & AME) (R164103B)/Additive Manufacturing (R164103C)	<b>Elective-II:</b> Advanced Materials (R164103D)/Design for Manufacture (R164103E)/Gas Dynamics & Jet Propulsion (R164103F)
<b>Electronics &amp; Communication Engineering (04)</b>	Radar Systems (R1641041)	Digital Image Processing(Common to ECE & EIE & E.COMP.E) (R1641042)	Computer Networks(Common to ECE & EIE) (R1641043)	Optical Communications (R1641044)	<b>Elective-I:</b> TV Engineering (R164104A)/Electronic Switching Systems (R164104B)/System Design through Verilog (R164104C)	<b>Elective-II:</b> Embedded Systems (R164104D)/Analog IC Design(Common to ECE & EIE) (R164104E)/Network Security & Cryptography (R164104F) (Only for ECE)
<b>Computer Science &amp; Engineering (05)</b>	Cryptography and Network Security (Common to CSE , IT & ECE) (R1641051)	Software Architecture & Deisgn Patterns (R1641052)	Web Technologies (R1641053)	Managerial Economics and Financial Analysis (Common to CSE & IT) (R164105B)/ Mobile Computing (Common to CSE & IT) (R164105C)	<b>Elective-I:</b> Big Data Analytics (Common to CSE & IT) (R164105A)/Information Retrieval Systems (Common to CSE & IT) (R164105B)/ Mobile Computing (Common to CSE & IT) (R164105C)	<b>Elective-II:</b> Cloud Computing (Common to CSE & IT) (R164105D)/Software Project Management (Common to CSE & IT) (R164105E)/Scripting Languages (R164105F)
<b>Electronics &amp; Instrumentation Engineering (10)</b>	Data Acquisition Systems (R1641101)	Digital Image Processing(Common to ECE , EIE & E.COMP.E) (R1641042)	Computer Networks(Common to ECE & EIE) (R1641043)	Management Science (R1641102)	<b>Elective II:</b> Mixed Signal Design (R164110C)/Robotics & Automation (R164110D)/EMI/EMC (R164110E)	<b>Elective I:</b> Quality and Reliability Engineering Systems (QRES) (R164110A)/Analog IC Design(Common to ECE & EIE) (R164104E)/Digital Control Systems (R164110B)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**UNIVERSITY EXAMINATION CENTER, KAKINADA**

**IV B.TECH - I SEMESTER (R16) II MID & ONLINE QUIZ EXAMINATIONS, JANUARY - 2022**

**T I M E T A B L E**

**TIME : 10.00 AM TO 12.00 NOON**

<b>Branch</b>	<b>18-01-2022 (Tuesday)</b>	<b>19-01-2022 (Wednesday)</b>	<b>20-01-2022 (Thursday)</b>	<b>21-01-2022 (Friday)</b>	<b>22-01-2022 (Saturday)</b>	<b>24-01-2022 (Monday)</b>
<b>Information Technology (12)</b>	Cryptography and Network Security (Common to CSE & IT) (R1641051)	Mobile Computing (Common to CSE & IT) (R164105C)	Data Ware Housing and Business Intelligence (R1641121)	Managerial Economics and Financial Analysis(Common to CSE & IT) (R1641054)	<b>Elective I:</b> Big Data Analytics (Common to CSE & IT) (R164105A)/Information Retrieval Systems(Common to CSE & IT) (R164105B)/Internet of Things(R164112A) /Multimedia Programming (R164112B)	<b>Elective II:</b> Cloud Computing(Common to CSE & IT) (R164105D)/Software Project Management(Common to CSE & IT) (R164105E)/Machine Learning (R164112C)/Decision Support System (R164112D)
<b>Electronics &amp; Computer Engineering (19)</b>	Systems Programming (R1641191)	Digital Image Processing(Common to ECE , EIE & E.COMPE) (R1641042)	Digital Signal Processing (R1641192)	UNIX Programming (R1641193)	<b>Elective I:</b> Artificial Intelligence (R164119A)/Advanced Computer Architecture (R164119B)/Data Communication (R164119C)	<b>Elective II:</b> Web Design (R164119D)/Fuzzy Logic and Neural Networks (R164119E)/Structured Digital Design (R164119F)
<b>Aeronolical Engineering (21)</b>	Theory of Vibrations (R1641211)	<b>Elective I:</b> Airframe Repair and Maintenance (R164121A)/Boundary Layer Theory (R164121B)/Fatigue and Fracture Mechanics (R164121C)	Instrumentation Measurements and Experiments in Fluids (R1641212)	Helicopter Engineering (R1641213)	Computational Fluid Dynamics(Common to ME, AME & Aeronautical) R164103A	<b>Elective II:</b> Elements of Combustion (R164121D)/Quality and Reliabilty Engineering (R164110A)/Hypersonic Aerodynamics (R164121E)
<b>Automobile Engineering (24)</b>	Automotive Chasis and Suspension (R1641241)	CAD/CAM (Common to ME & AME) (R1641032)	Finite Element Methods (Common to ME & AME) (R1641033)	Vehicle Dynamics (R1641242)	<b>Elective II:</b> Micro Processors & Micro Controllers (R164124D)/Computational Fluid Dynamics(Common to ME, AME & Aeronautical) (R164103A)/Condition Monitoring (Common to ME & AME) (R164103B)	<b>Elective I:</b> Vehicle Body Engg. & Safety (R164124A)/Industrial Robotics (R164124B)/Automotive Aerodynamics (R164124C)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**UNIVERSITY EXAMINATION CENTER, KAKINADA**  
**IV B.TECH - I SEMESTER (R16) II MID & ONLINE QUIZ EXAMINATIONS, JANUARY - 2022**

**T I M E T A B L E**

**TIME : 10.00 AM TO 12.00 NOON**

Branch	18-01-2022 (Tuesday)	19-01-2022 (Wednesday)	20-01-2022 (Thursday)	21-01-2022 (Friday)	22-01-2022 (Saturday)	24-01-2022 (Monday)
<b>Mining Engineering (26)</b>	Computer Applications in Mining (R1641261)	Underground Metal Mining Technology (R1641262)	Rock Mechanics & Ground Control (R1641263)	Mine Legislation & General Safety (R1641264)	<b>Elective I:</b> Rock Slope Engineering (R164126A)/Mine Subsidence Engineering (R164126B)/Rock Fragmentation Engineering (R164126C)	<b>Elective II:</b> Deep Sea Mining (R164126D)/Mine Construction Engineering (R164126E)/Tunneling Engineering (R164126F)
<b>Petroleum Engineering (27)</b>	Integrated Asset Management (R1641271)	Petroleum Reservoir Engineering-II (R1641272)	Surface Production Operations (R1641273)	Oil & Gas Processing Plant Design (R1641274)	<b>Elective I:</b> Natural Gas Hydrates (R164127A)/Pipeline Engineering (R164127B)/Horizontal Well Technology (R164127C)	<b>Elective II:</b> Coal Bed Methane Engineering (R164127D)/Offshore Engineering (R164127E)/Reservoir Stimulation (R164127F)
<b>Agricultural Engineering (35)</b>	Micro Irrigation Engineering (R1641351)	Farm Machinery and Equipments-II (R1641352)	Post Harvest Engineering for Horticulture Produce (R1641353)	Mechanical Measurements and Instrumentation (R1641354)	<b>Elective I :</b> Seed Processing and Storage Engineering (R164135A)/Green House Technologies (R164135B)/Food Processing Plant Design and Layout (R164135C)	<b>Elective II:</b> Watershed Management (R164135D)/Food Packaging Technology (R164135E)/Minor Irrigation and Command area development (R164135F)

**NOTE:**

- i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.
- ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

**Controller of Examinations**

**DATE: 31-12-2021**



**I B.TECH I SEMESTER (R20)**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**UNIVERSITY EXAMINATION CENTER, KAKINADA**

**I B. TECH I SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, MARCH - 2022**

**REVISED TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

Branch	23-03-2022 (Wednesday)	24-03-2022 (Thursday)	25-03-2022 (Friday)	26-03-2022 (Saturday)	28-03-2022 (Monday)	29-03-2022 (Tuesday)
Subjects	Communicative English <b>R201102</b>	Mathematics-I <b>R201101</b>	Programming for Problem Solving Using C <b>R201110</b> (Except CE)  Engineering Geology <b>R201105</b> (Only for CE)	Engineering Drawing <b>R201104</b> (Comm to CE,ME,ECE,PE,EIE,FE)  Engineering Drawing & Design <b>R201111</b> (Only for EEE)  Principles of Soil Science and Agronomy <b>R201127</b> (Only for Agri E)  Design Drawing and Visualization <b>R201135</b> (Only for CSD)	Applied Physics <b>R201117</b> (Comm to CSE, CSE-CS&T, IT, CSE-CS, CSE-IOT&CS incl BCT, CSE-CS&BS, CSE-IOT)  Engineering Mechanics <b>R201124</b> (Com. to AME, Min E)  Fundamental Chemistry <b>R201130</b> (Only for FE)  Engineering Chemistry <b>R201134</b> (Only for Phar. E)	Mathematics-II <b>R201109</b> (Only for EEE)  Engineering Physics <b>R201103</b> (Com. to CE,ME,Agri E, Phar. E)  Engineering Chemistry <b>R201123</b> (Com. to AME, Min E, PE)  Applied Chemistry <b>R201115</b> (Comm to ECE, EIE, ECT, CSE-AI&ML, CSE-AI, CSE-DS, CSE-AI&DS, AIDS, CSD)

**NOTE:**

- i. ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY.
- ii. EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- iii. THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE TIME TABLE IMMEDIATELY.

**DATE: 11-03-2022**

**Controller of Examinations**



**I B.TECH I SEMESTER (R20)**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**UNIVERSITY EXAMINATION CENTER, KAKINADA**

**I B. TECH I SEMESTER (R20 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, MARCH - 2022**

**REVISED TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

Branch	14-03-2022 (Monday)	15-03-2022 (Tuesday)	16-03-2022 (Wednesday)	17-03-2022 (Thursday)	19-03-2022 (Saturday)	21-03-2022 (Monday)
Subjects	Communicative English <b>R201102</b>	Mathematics-I <b>R201101</b>	Programming for Problem Solving Using C <b>R201110</b> (Except CE)  Engineering Geology <b>R201105</b> (Only for CE)	Engineering Drawing <b>R201104</b> (Comm to CE,ME,ECE,PE,EIE,FE)  Engineering Drawing & Design <b>R201111</b> (Only for EEE)  Principles of Soil Science and Agronomy <b>R201127</b> (Only for Agri E)  Design Drawing and Visualization <b>R201135</b> (Only for CSD)	Applied Physics <b>R201117</b> (Comm to CSE, CSE-CS&T, IT , CSE-CS, CSE-IOT&CS incl BCT, CSE-CS&BS, CSE-IOT)  Engineering Mechanics <b>R201124</b> (Com. to AME, Min E)  Fundamental Chemistry <b>R201130</b> (Only for FE)  Engineering Chemistry <b>R201134</b> (Only for Phar. E)	Mathematics-II <b>R201109</b> (Only for EEE)  Engineering Physics <b>R201103</b> (Com. to CE,ME,Agri E, Phar. E)  Engineering Chemistry <b>R201123</b> (Com. to AME, Min E, PE)  Applied Chemistry <b>R201115</b> (Comm to ECE, EIE, ECT, CSE- AI&ML, CSE-AI, CSE-DS, CSE- AI&DS, AIDS, CSD)

**NOTE:**

- i. ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY.
- ii. EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- iii. THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE TIME TABLE IMMEDIATELY.

**DATE: 11-03-2022**

**Controller of Examinations**



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**III B.TECH II SEMESTER (R19 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, APRIL - 2022**

**TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DATE & DAY					
	11.04.2022 (Monday)	12.04.2022 (Tuesday)	13.04.2022 (Wednesday)	16.04.2022 (Saturday)	18-04-2022 (Monday)	19-04-2022 (Tuesday)
<b>CIVIL ENGINEERING (01 CE)</b>	Design & Drawing of Reinforced Concrete Structures (R1932011)	Water Resources Engineering – II (R1932012)	Geotechnical Engineering - I (R1932013)	Managerial Economics & Financial Analysis (R1932014)	<b>Program Elective – II :-</b>	<b>Open Elective – II (Choose any One)</b>
					i) Pre-stressed Concrete (R193201A)	i) Disaster Management (R193201F)
					ii) Watershed Management (R193201B)	ii) Environmental Pollution & Control (R193201G)
					iii) Advanced Foundation Engineering (R193201C)	iii) Elements of Civil Engineering (R193201H)
					iv) Urban Transportation Planning (R193201D)	iv) Green Technology (R193201I)
					v) Architecture Town Planning (R193201E)	v) Smart Cities (R193201J)
						vi) Project Management (R193201K)
						vii) Traffic Safety (R193201L)
						viii) Geo-Spatial Technologies (R193201M)
						ix) Wastewater Treatment (R193201N)
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02 EEE)</b>	Electric Drives (R1932021)	Power System Analysis (R1932022)	Data Structures (R1932023)	Digital Control Systems (R1932024)	<b>Elective – I :-</b>	<b>Open Elective – I</b>
					i) Digital IC Applications (R193202A)	i) Renewable Energy Sources (R193202G) (Except EEE)
					ii) Communication Systems (R193202B)	ii) Essentials of Analog and Digital Electronics (R193202H) (Except EEE)
					iii) Computer Networks (R193202C)	iii) Electrical Estimation and Costing (R193202I) (Except EEE)
					iv) Internet of Things Applications To Electrical Engineering (R193202D)	iv) Power Electronics Devices & Circuits (R193202J) (Except EEE)
					v) VLSI Design (R193202E)	v) Fundamentals of Electrical Machines (R193202K) (Except EEE)
					vi) Cloud Computing (R193202F)	





**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**III B.TECH II SEMESTER (R19 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, APRIL - 2022**

**TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DATE & DAY					
	11.04.2022 (Monday)	12.04.2022 (Tuesday)	13.04.2022 (Wednesday)	16.04.2022 (Saturday)	18-04-2022 (Monday)	19-04-2022 (Tuesday)
<b>MECHANICAL ENGINEERING (03 ME)</b>	Operations Research (R1932031)	Heat Transfer (R1932032) (Common to ME,AME)	CAD/CAM (R1932033)	.....	<b>Elective – I :-</b>	<b>Elective – II</b>
					i) Composite Materials (R193203A)	i) Material Characterization (R193203F)
					ii) Refrigeration & Air Conditioning (R193203B)	ii) Tribology (R193203G)
					iii) Unconventional Machining Processes (R193203C)	iii) Automobile Engineering (R193203H)
					iv) Advanced Mechanics of Solids (R193203D)	iv) Mechatronics (R193203I)
v) MOOCS(NPTEL/Swayam) (R193203E)	v) MOOCS(NPTEL/Swayam) (R193203J)					
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04 ECE)</b>	Wired and Wireless Transmission Devices (R1932041)	VLSI Design (R1932042)	Digital Signal Processing (R1932043)	Internet of Things (R1932044)	<b>Professional Elective (PE II) :-</b>	<b>Open Elective (OE1)</b>
					i) Cellular & Mobile Communication (R193204A)	i) Data Mining (R193204F)
					ii) Digital IC Design (R193204B)	ii) Power Electronics (R193204G)
					iii) Business Intelligence & Analytics (R193204C)	iii) MEMS and its Applications (R193204H)
					iv) Pattern Recognition(R193204D)	iv) Artificial Neural Networks(R193204I)
v) Robotics and Automation (R193204E)	iv) Principles of Communication (R193204I) (Except ECE)					
<b>COMPUTER SCIENCE &amp; ENGINEERING (05 CSE)</b>	Web Technologies (R1932051) (Common to CSE,IT)	Distributed Systems (R1932052)	Design and Analysis of Algorithms (R1932053)	Managerial Economics and Financial Accountancy (R1932054) (Common to CSE,IT)	<b>Professional Elective (PE II) :-</b>	<b>Open Elective (OE I) :-</b>
					i) Mobile Application Development (R193205A)	i) Data Structures (R193205E) (Except CSE and IT)
					ii) Information Retrieval System (R193205B)	ii) Java Programming (R193205F) (Except CSE and IT)
					iii) Social Networks Analysis (R193205C)	iii) Database Management Systems (R193205G) (Except CSE and IT)
					iv) MOOCS (NPTEL/SWAYAM) (R193205D)	iv) C++ Programming (R193205H) (Except CSE and IT)
						v) Operating Systems (R193205I) (Except CSE and IT)
	vi) Internet of Things (R193205J) (Except CSE and IT)					



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**III B.TECH II SEMESTER (R19 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, APRIL - 2022**

**TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DATE & DAY					
	11.04.2022 (Monday)	12.04.2022 (Tuesday)	13.04.2022 (Wednesday)	16.04.2022 (Saturday)	18-04-2022 (Monday)	19-04-2022 (Tuesday)
<b>INFORMATION TECHNOLOGY (12 IT)</b>	Web Technologies (R1932051) (Common to CSE,IT)	Data Warehousing and Data Mining (R1932121)	.....	Managerial Economics and Financial Accountancy (R1932054) (Common to CSE,IT)	<b>Professional Elective (PE II) :-</b>	<b>Open Elective (OE I) :-</b>
					i) Web Security (R193212A)	i) Data Structures (R193205E) (Except CSE and IT)
					ii) Software Project Management (R193212B)	ii) Java Programming (R193205F) (Except CSE and IT)
					iii) Natural Language Processing (R193212C)	iii) Database Management Systems (R193205G) (Except CSE and IT)
					iv) MOOCS (NPTEL/SWAYAM)(R193212D)	iv) C++ Programming (R193212E) (Except CSE and IT)
						v) Operating Systems (R193212F) (Except CSE and IT)
	vi) Internet of Things (R193212G) (Except CSE and IT)					
<b>AUTO MOBILE ENGINEERING (24 AME)</b>	Electrical Vehicles & Hybrid Technology (R1932241)	Heat Transfer (R1932032) (Common to ME,AME)	Automotive Chassis Design (R1932242)	Automotive Pollution and Control (R1932243)	.....	<b>OPEN ELECTIVE(offered to other</b>
						i) Basic Automobile Engineering (R193224A)
						ii) Automotive Maintenance and Safety (R193224B)
					iii) Automotive Emissions and Effects (R193224C)	
<b>MINING ENGINEERING (26 MM)</b>	Mine Ground Control (R1932261)	Mineral processing (R1932262)	Under Ground Metal Mining Technology (R1932263)	Mining Machinery & Mechanization-II (R1932264)	.....	<b>Open Elective - II</b>
						i) Industrial Robotics (R193226A)
						ii) Artificial intelligence (R193226B)
					iii) Introduction to Data Base Management System (R193226C)	
<b>PETROLEUM ENGINEERING/ PETROLEUM TECHNOLOGY (27 PE)</b>	Petroleum Production Engineering (R1932271)	Petroleum Reservoir Engineering-II (R1932272)	Petroleum Refinery & Petrochemical Engineering (R1932273)	.....	<b>Professional Elective (PE II) :-</b>	<b>OPEN ELECTIVE – II</b>
					i) Offshore Engineering (R193227A)	i) Basic concepts in Petroleum Drilling and Completions (R193227D)
					ii) Advanced Well Completion Engineering (R193227B)	ii) Basic concepts in Petroleum Production Engineering (R193227E)
					iii) Applied Mathematics in Reservoir Engineering(R193227C)	iii) Basic concepts in Petroleum Reservoir Engineering (R193227F)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**III B.TECH II SEMESTER (R19 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, APRIL - 2022**

**TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DATE & DAY					
	11.04.2022 (Monday)	12.04.2022 (Tuesday)	13.04.2022 (Wednesday)	16.04.2022 (Saturday)	18-04-2022 (Monday)	19-04-2022 (Tuesday)
<b>AGRICULTURAL ENGINEERING (35 AGE)</b>	Irrigation and Drainage Engineering (R1932351)	Engineering Properties of Biological Materials (R1932352)	Farm Machinery Equipment - II (R1932353)	Dairy and Food Engineering (R1932354)	<b>Professional Elective - I</b>	<b>Open Elective - I</b>
					i) Seed Processing and Storage Engineering (R193235A)	i) Operations Research (R193235D)
					ii) Greenhouse Technology (R193235B)	ii) Robotics and Automation (R193235E)
					iii) Tractor Design and Testing (R193235C)	iii) Finite Element Method (R193235F)

**NOTE:**

- (i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.  
(ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.  
(iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

**DATE: 30-03-2022**

**Controller of Examinations**



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## IV B.TECH II SEMESTER (R16) I MID & ONLINE QUIZ EXAMINATIONS, APRIL - 2022

### T I M E T A B L E

TIME : 10.00 AM TO 12.00 NOON

Branch	11.04.2022 (Monday)	12.04.2022 (Tuesday)	13.04.2022 (Wednesday)	16.04.2022 (Saturday)
<b>Civil Engineering (01)</b>	Estimation Specificatin & Contracts (R1642011)	Construction Technology & Management (R1642012)	Prestressed Concrete (R1642013)	<b>Elective-III:</b> Bridge Engineering (R164201A)/Soil Dynamics and Foundations (R164201B)/Solid and Hazards waste management (R164201C)/Water Resource System Planning (R164201D)/UrbanTransportation Planning Engineering (R164201E)
<b>Electrical &amp; Electronics Engineering (02)</b>	Digital Control Systems (R1642021)	HVDC Transmission (R1642022)	Electrical Distribution Systems (R1642023)	<b>Elective-III:</b> High Voltage Engineering (R164202A)/Flexible Alternating Current Transmissin Systems (R164202B)/Power Systems Reforms (R164202C)
<b>Mechanical Engineering (03)</b>	Production Planning and Control (Common to Mechanical and Mining) (R1642031)	Unconventional Machining Processes (R1642032)	Automobile Engineering (R1642033)	<b>Elective-III:</b> Thermal Equipment Design (R164203A)/Non Destructive Evaluation (R164203B)/Quality and Reliability Engineering (R164203C)
<b>Electronics &amp; Communication Engineering (04)</b>	Cellular Mobile Communications (R1642041)	Electronic Measurements and Instrumentation (R1642042)	Satellite Communications (R1642043)	<b>Elective-III:</b> Digital IC Design(Common to ECE & E.I.E) (R164204B)/Operating Systems (R164204C)/Wireless Sensors & Networks(R164204A)
<b>Computer Science &amp; Engineering (05)</b>	Distributed Systems (Common to CSE, IT) (R1642051)	Management Science (Common to CSE, IT) (R1642052)	Machine Learning (R1642053)	<b>Elective-III:</b> Operation Research (R164205C)/Artificial Neural Networks(Common to CSE, IT) (R164205B)/Concurrent and Parallel Programming(Common to CSE, IT) (R164205A)



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## IV B.TECH II SEMESTER (R16) I MID & ONLINE QUIZ EXAMINATIONS, APRIL - 2022

### TIME TABLE

TIME : 10.00 AM TO 12.00 NOON

Branch	11.04.2022 (Monday)	12.04.2022 (Tuesday)	13.04.2022 (Wednesday)	16.04.2022 (Saturday)
<b>Electronics &amp; Instrumentation Engineering (10)</b>	Industrial Automation (R1642101)	Data Communications (R1642102)	Embedded Systems (Common to EIE & E.Comp.E) (R1642103)	<b>Elective III:</b> Digital IC Design (Common to ECE & E.I.E) (R164204B)/Calibration & Standards (R164210A)/Micro Electro Mechanical Systems (MEMS) (R164210B)
<b>Information Technology (12)</b>	Distributed Systems(Common to CSE, IT) (R1642051)	Management Science(Common to CSE, IT) (R1642052)	Management Information System (R1642121)	<b>Elective III:</b> Cyber Security (R164212A)/Software Quality Assurance (R164212B)/Concurrent and Parallel Programming (Common to CSE, IT) (R164205A)/Artificial Neural Networks(Common to CSE, IT)(R164205B)
<b>Electronics &amp; Computer Engineering (19)</b>	Automata Theory & Compiler Design (R1642191)	<b>Elective IV :</b> Real Time Operating Systems (R164219D)/Network Security & Cryptography (R164219E)	Embedded Systems (Common to EIE & E.Comp.E) (R1642103)	<b>Elective III:</b> Language Processors (R164219A)/EMI/EMC (R164219B)/Data Ware Housing & Data Mining (R164219C)
<b>Aeronautical Engineering (21)</b>	Rockery and Space Mechanics (R1642211)	Mechanics of Composites (R1642212)	Aerospace Materials (R1642213)	<b>Elective III:</b> Avionics (R164221A)/Propellant Technology (R164221B)/Aero Elasticity (R164221C)
<b>Automobile Engineering (24)</b>	Automotive Control Systems (R1642241)	Vehicle Maintenance (R1642242)	Product Design and Assembly Automation (R1642243)	<b>Elective III:</b> Automotive Safety (R164224A)/Automotive Manufacturing Systems (R164224B)/Automobile Air Conditioning (R164224C)



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## IV B.TECH II SEMESTER (R16) I MID & ONLINE QUIZ EXAMINATIONS, APRIL - 2022


### TIME TABLE

TIME : 10.00 AM TO 12.00 NOON

Branch	11.04.2022 (Monday)	12.04.2022 (Tuesday)	13.04.2022 (Wednesday)	16.04.2022 (Saturday)
<b>Mining Engineering (26)</b>	Production Planning and Control (Common to Mechanical and Mining) (R1642031)	Mine Economics & Investment (R1642261)	Mine Health and Safety Engineering (R1642262)	<b>Elective III:</b> Planning of Underground Metal Mining Projects (R164226A)/Planning of Underground Coal Mining Projects (R164226B)/Planning of Surface Mining Projects (R164226C)
<b>Petroleum Engineering (27)</b>	EOR Techniques (R1642271)	HSE & FE in Petroleum Industry (R1642272)	Petroleum Economics, Policies & Regulations (R1642273)	<b>Elective III :</b> Shale Gas Reservoir Engineering (R164227A)/Subsea Engineering (R164227B)/Reservoir Modelling & Simulation (R164227C)
<b>Agricultural Engineering (35)</b>	Design of Agricultural Machinery (R1642351)	Agricultural Extension Techniques and Business Management (R1642352)	Agro Industries and Bi-product Utilization (R1642353)	<b>Elective III :</b> GIS and Remote Sensing (R164235A)/Human Engineering and safety (R164235B)/Production Technology of Agricultural Machinery (R164235C)

- i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.
- ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

DATE: 30-03-2022

  
Controller of Examinations



II B.TECH II SEMESTER (R20)

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH II SEMESTER (R20 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, APRIL - 2022**

**T I M E T A B L E**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DAY AND DATE				
	25-04-2022 (Monday)	26-04-2022 (Tuesday)	27-04-2022 (Wednesday)	28-04-2022 (Thursday)	29-04-2022 (Friday)
<b>CIVIL ENGINEERING (01-CE)</b>	Complex Variables and Statistical Methods <b>R2022011</b> (Comm to CE,ME,AME,MM)	Strength of Materials -II <b>R2022012</b>	Hydraulics and Hydraulic Machinery <b>R2022013</b>	Environmental Engineering <b>R2022014</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,EEE,EIE,ECT,AGE,FE)
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)</b>	Python Programming <b>R2022021</b> (Common to EEE, FE)	Digital Electronics <b>R2022022</b>	Power System-I <b>R2022023</b>	Induction and Synchronous Machines <b>R2022024</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,EEE,EIE,ECT,AGE,FE)
<b>MECHANICAL ENGINEERING (03-ME)</b>	Complex Variables and Statistical Methods <b>R2022011</b> (Comm to CE,ME,AME,MM)	Material Science & Metallurgy <b>R2022031</b>	Dynamics of Machinery <b>R2022032</b>	Thermal Engineering-I <b>R2022033</b>	Industrial Engineering and Management <b>R2022034</b>
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04-ECE)</b>	Electronic Circuit Analysis <b>R2022041</b> (Comm to ECE,EIE,ECT)	Digital IC Design <b>R2022042</b>	Analog Communications <b>R2022043</b> (Common to ECE,ECT)	Linear Control Systems <b>R2022044</b> (Common to ECE,EIE)	Management and Organizational Behavior <b>R2022045</b> (Common to ECE, PE)
<b>COMPUTER SCIENCE &amp; ENGINEERING (05-CSE)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Database Management Systems <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Java Programming <b>R2022054</b> (Common to CSE,IT,CSE(CSBS),CS)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)





**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH II SEMESTER (R20 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, APRIL - 2022**

**T I M E T A B L E**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DAY AND DATE				
	25-04-2022 (Monday)	26-04-2022 (Tuesday)	27-04-2022 (Wednesday)	28-04-2022 (Thursday)	29-04-2022 (Friday)
<b>COMPUTER SCIENCE &amp; TECHNOLOGY (06)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AD),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Database Management Systems <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AD),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT))	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AD),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)</b>	Electronic Circuit Analysis <b>R2022041</b> (Comm to ECE,EIE,ECT)	Microprocessor and Microcontrollers <b>R2022101</b>	Integrated Circuits and applications <b>R2022102</b>	Linear Control Systems <b>R2022044</b> (Common to ECE,EIE)	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,BEE,EIE,ECT,AGE,FE)
<b>INFORMATION TECHNOLOGY (12-IT)</b>	Statistics with R <b>R2022121</b>	Principles of Software Engineering <b>R2022122</b>	Automata Theory and Compiler Design <b>R2022123</b>	Java Programming <b>R2022054</b> (Common to CSE,IT,CSE(CSBS),CS)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AD),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
<b>ELECTRONICS &amp; COMMUNICATION TECHNOLOGY (14)</b>	Electronic Circuit Analysis <b>R2022041</b> (Comm to ECE,EIE,ECT)	Computer Architecture and Organization <b>R2022141</b>	Analog Communications <b>R2022043</b> (Common to ECE,ECT)	Electromagnetic Waves and Transmission Lines <b>R2022142</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,BEE,EIE,ECT,AGE,FE)
<b>AUTO MOBILE ENGINEERING (24-AME)</b>	Complex Variables and Statistical Methods <b>R2022011</b> (Comm to CE,ME,AME,MM)	Applied Thermodynamics <b>R2022241</b>	Automobile Engines <b>R2022242</b>	Automobile Electrical and Electronics <b>R2022243</b>	Operations Research <b>R2022244</b>



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH II SEMESTER (R20 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, APRIL - 2022**

**T I M E T A B L E**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DAY AND DATE				
	25-04-2022 (Monday)	26-04-2022 (Tuesday)	27-04-2022 (Wednesday)	28-04-2022 (Thursday)	29-04-2022 (Friday)
<b>MINING ENGINEERING (26-MM)</b>	Complex Variables and Statistical Methods <b>R2022261</b>	Fluid Mechanics and Hydraulic Power <b>R2022261</b>	Rock Mechanics <b>R2022262</b>	Mine Ventilation <b>R2022263</b>	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
<b>PETROLEUM ENGINEERING/PETROLEUM TECHNOLOGY (27-PE)</b>	Mathematics –IV <b>R2022271</b>	Instrumentation, Process Dynamics & Control <b>R2022272</b>	Thermodynamics for Petroleum Engineers <b>R2022273</b>	Drilling & Well Completions <b>R2022274</b>	Management and Organizational Behavior <b>R2022045</b> (Common to ECE, PE)
<b>AGRICULTURAL ENGINEERING (35-AGE)</b>	Heat and Mass Transfer <b>R2022351</b>	Ground Water Hydrology, Well and Pumps <b>R2022352</b>	Theory of Structures <b>R2022353</b>	Soil Mechanics <b>R2022354</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,EEE,EIE,ECT,AGE,FE)
<b>CSE (Artificial Intelligence and Machine Learning) (42)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Computer Organization <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Data Warehousing and Mining <b>R2022422</b> (Comm to CSE(AIML),AIDS,CSE(AIDS),AIDS,AIML)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
<b>CSE (Artificial Intelligence) (43)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Computer Organization <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Data Warehousing and Mining <b>R2022422</b> (Comm to CSE(AIML),AIDS,CSE(AIDS),AIDS,AIML)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH II SEMESTER (R20 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, APRIL - 2022**

**T I M E T A B L E**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DAY AND DATE				
	25-04-2022 (Monday)	26-04-2022 (Tuesday)	27-04-2022 (Wednesday)	28-04-2022 (Thursday)	29-04-2022 (Friday)
<b>CSE (Data Science) (44)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Computer Organization <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Data Warehousing and Mining <b>R2022422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS,AIML)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
<b>CSE (Artificial Intelligence and Data Science) (45)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Computer Organization <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Data Warehousing and Mining <b>R2022422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS,AIML)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
<b>CSE (Cyber Security) (46)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Database Management Systems <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT))	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH II SEMESTER (R20 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, APRIL - 2022**

**T I M E T A B L E**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DAY AND DATE				
	25-04-2022 (Monday)	26-04-2022 (Tuesday)	27-04-2022 (Wednesday)	28-04-2022 (Thursday)	29-04-2022 (Friday)
<b>CSE (Internet of things and Cyber security including Block chain Technology) (47)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Database Management Systems <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT))	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
<b>CSE (Computer Science and Business System) (48)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Database Management Systems <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT)	Operating Systems <b>R2022481</b> (Common to CSE(CSBS), CS)	Java Programming <b>R2022054</b> (Common to CSE,IT,CSE(CSBS),CS)	Fundamentals of Economics <b>R2022482</b>
<b>CSE (Internet of Things) (49)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Database Management Systems <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT))	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
<b>FOOD ENGINEERING (51)</b>	Python Programming <b>R2022021</b> (Common to EEE, FE)	Principles of Food Engineering - II <b>R2022511</b>	Food Chemistry <b>R2022512</b>	Processing of Cereals, Pulses and Oilseeds <b>R2022513</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Common to CE,EEE,EIE,ECT,AGE,FE)
<b>ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Computer Organization <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Data Warehousing and Mining <b>R2022422</b> (Common to CSE(AIML),AI,DS,CSE(AIDS),AIDS,AIML)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)



II B.TECH II SEMESTER (R20)

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH II SEMESTER (R20 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, APRIL - 2022****T I M E T A B L E****TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DAY AND DATE				
	25-04-2022 (Monday)	26-04-2022 (Tuesday)	27-04-2022 (Wednesday)	28-04-2022 (Thursday)	29-04-2022 (Friday)
<b>PHARMACEUTICAL ENGINEERING (55)</b>	Heat Transfer for Pharmaceutical Engineers <b>R2022551</b>	Physical Pharmaceutics <b>R2022552</b>	Principles of Microbiology and Biochemistry <b>R2022553</b>	Reaction Engineering for Pharmaceutical Engineers <b>R2022554</b>	Anatomy and Physiology <b>R2022555</b>
<b>CYBER SECURITY (59)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Database Management Systems <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT), CSE(CSBS),CSE(IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS), CSE(AIDS),CSE(CS),CSE(IOTCSIBCT), CSE(IOT),AIDS,AIML)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT))	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS), CSE(AIDS),CSE(CS),CSE(IOTCSIBCT), CSE(IOT),AIDS,AIML)
<b>ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS), CSE(CS),CSE(IOTCSIBCT),CSE(CSBS), CSE(IOT),AIDS,AIML)	Computer Organization <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS), AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS), CSE(AIDS),CSE(CS),CSE(IOTCSIBCT), CSE(IOT),AIDS,AIML)	Data Warehousing and Mining <b>R2022422</b> (Common to CSE(AIML),AIDS,CSE(AIDS), AIDS,AIML)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS), CSE(AIDS),CSE(CS),CSE(IOTCSIBCT), CSE(IOT),AIDS,AIML)

**NOTE:**

- (i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.
- (ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- (iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

**DATE: 11-04-2022**

*Pradeep A. Reddy*  
Controller of Examinations



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**III B.TECH II SEMESTER (R19 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, MAY/JUNE - 2022**

**TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DATE & DAY					
	30.05.2022 (Monday)	31.05.2022 (Tuesday)	01.06.2022 (Wednesday)	02.06.2022 (Thursday)	03-06-2022 (Friday)	04-06-2022 (Saturday)
<b>CIVIL ENGINEERING (01 CE)</b>	Design & Drawing of Reinforced Concrete Structures (R1932011)	Water Resources Engineering – II (R1932012)	Geotechnical Engineering - I (R1932013)	Managerial Economics & Financial Analysis (R1932014)	<b>Program Elective – II :-</b>	<b>Open Elective – II (Choose any One</b>
					i) Pre-stressed Concrete (R193201A)	i) Disaster Management (R193201F)
					ii) Watershed Management (R193201B)	ii) Environmental Pollution & Control (R193201G)
					iii) Advanced Foundation Engineering (R193201C)	iii) Elements of Civil Engineering (R193201H)
					iv) Urban Transportation Planning (R193201D)	iv) Green Technology (R193201I)
					v) Architecture Town Planning (R193201E)	v) Smart Cities (R193201J)
						vi) Project Management (R193201K)
						vii) Traffic Safety (R193201L)
						viii) Geo-Spatial Technologies (R193201M)
ix) Wastewater Treatment (R193201N)						
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02 EEE)</b>	Electric Drives (R1932021)	Power System Analysis (R1932022)	Data Structures (R1932023)	Digital Control Systems (R1932024)	<b>Elective – I :-</b>	<b>Open Elective – I</b>
					i) Digital IC Applications (R193202A)	i) Renewable Energy Sources (R193202G) (Except EEE)
					ii) Communication Systems (R193202B)	ii) Essentials of Analog and Digital Electronics (R193202H) (Except EEE)
					iii) Computer Networks (R193202C)	iii) Electrical Estimation and Costing (R193202I) (Except EEE)
					iv) Internet of Things Applications To Electrical Engineering (R193202D)	iv) Power Electronics Devices & Circuits (R193202J) (Except EEE)
					v) VLSI Design (R193202E)	v) Fundamentals of Electrical Machines (R193202K) (Except EEE)
					vi) Cloud Computing (R193202F)	





**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**III B.TECH II SEMESTER (R19 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, MAY/JUNE - 2022**

**TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DATE & DAY					
	30.05.2022 (Monday)	31.05.2022 (Tuesday)	01.06.2022 (Wednesday)	02.06.2022 (Thursday)	03-06-2022 (Friday)	04-06-2022 (Saturday)
<b>MECHANICAL ENGINEERING (03 ME)</b>	Operations Research (R1932031)	Heat Transfer (R1932032) (Common to ME,AME)	CAD/CAM (R1932033)	.....	<b>Elective – I :-</b>	<b>Elective – II</b>
					i) Composite Materials (R193203A)	i) Material Characterization (R193203F)
					ii) Refrigeration & Air Conditioning (R193203B)	ii) Tribology (R193203G)
					iii) Unconventional Machining Processes (R193203C)	iii) Automobile Engineering (R193203H)
					iv) Advanced Mechanics of Solids (R193203D)	iv) Mechatronics (R193203I)
v) MOOCS(NPTEL/Swayam) (R193203E)	v) MOOCS(NPTEL/Swayam) (R193203J)					
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04 ECE)</b>	Wired and Wireless Transmission Devices (R1932041)	VLSI Design (R1932042)	Digital Signal Processing (R1932043)	Internet of Things (R1932044)	<b>Professional Elective (PE II) :-</b>	<b>Open Elective (OE1)</b>
					i) Cellular & Mobile Communication (R193204A)	i) Data Mining (R193204F)
					ii) Digital IC Design (R193204B)	ii) Power Electronics (R193204G)
					iii) Business Intelligence & Analytics (R193204C)	iii) MEMS and its Applications (R193204H)
					iv) Pattern Recognition(R193204D)	iv) Artificial Neural Networks(R193204I)
v) Robotics and Automation (R193204E)	iv) Principles of Communication (R193204I) (Except ECE)					
<b>COMPUTER SCIENCE &amp; ENGINEERING (05 CSE)</b>	Web Technologies (R1932051) (Common to CSE,IT)	Distributed Systems (R1932052)	Design and Analysis of Algorithms (R1932053)	Managerial Economics and Financial Accountancy (R1932054) (Common to CSE,IT)	<b>Professional Elective (PE II) :-</b>	<b>Open Elective (OE I) :-</b>
					i) Mobile Application Development (R193205A)	i) Data Structures (R193205E) (Except CSE and IT)
					ii) Information Retrieval System (R193205B)	ii) Java Programming (R193205F) (Except CSE and IT)
					iii) Social Networks Analysis (R193205C)	iii) Database Management Systems (R193205G) (Except CSE and IT)
					iv) MOOCS (NPTEL/SWAYAM) (R193205D)	iv) C++ Programming (R193205H) (Except CSE and IT)
						v) Operating Systems (R193205I) (Except CSE and IT)
	vi) Internet of Things (R193205J) (Except CSE and IT)					





**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**III B.TECH II SEMESTER (R19 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, MAY/JUNE - 2022**

**TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DATE & DAY					
	30.05.2022 (Monday)	31.05.2022 (Tuesday)	01.06.2022 (Wednesday)	02.06.2022 (Thursday)	03-06-2022 (Friday)	04-06-2022 (Saturday)
<b>INFORMATION TECHNOLOGY (12 IT)</b> (Common to CSE,IT)	Web Technologies (R1932051)	Data Warehousing and Data Mining (R1932121)	.....	Managerial Economics and Financial Accountancy (R1932054) (Common to CSE,IT)	<b>Professional Elective (PE II) :-</b>	<b>Open Elective (OE I) :-</b>
					i) Web Security (R193212A)	i) Data Structures (R193205E) (Except CSE and IT)
					ii) Software Project Management (R193212B)	ii) Java Programming (R193205F) (Except CSE and IT)
					iii) Natural Language Processing (R193212C)	iii) Database Management Systems (R193205G) (Except CSE and IT)
					iv) MOOCS (NPTEL/SWAYAM)(R193212D)	iv) C++ Programming (R193212E) (Except CSE and IT)
						v) Operating Systems (R193212F) (Except CSE and IT)
	vi) Internet of Things (R193212G) (Except CSE and IT)					
<b>AUTO MOBILE ENGINEERING (24 AME)</b>	Electrical Vehicles & Hybrid Technology (R1932241)	Heat Transfer (R1932032) (Common to ME,AME)	Automotive Chassis Design (R1932242)	Automotive Pollution and Control (R1932243)	.....	<b>OPEN ELECTIVE(offered to other</b>
						i) Basic Automobile Engineering (R193224A)
						ii) Automotive Maintenance and Safety (R193224B)
						iii) Automotive Emissions and Effects (R193224C)
<b>MINING ENGINEERING (26 MM)</b>	Mine Ground Control (R1932261)	Mineral processing (R1932262)	Under Ground Metal Mining Technology (R1932263)	Mining Machinery & Mechanization-II (R1932264)	.....	<b>Open Elective - II</b>
						i) Industrial Robotics (R193226A)
						ii) Artificial intelligence (R193226B)
						iii) Introduction to Data Base Management System (R193226C)
<b>PETROLEUM ENGINEERING/ PETROLEUM TECHNOLOGY (27 PE)</b>	Petroleum Production Engineering (R1932271)	Petroleum Reservoir Engineering-II (R1932272)	Petroleum Refinery & Petrochemical Engineering (R1932273)	.....	<b>Professional Elective (PE II) :-</b>	<b>OPEN ELECTIVE - II</b>
					i) Offshore Engineering (R193227A)	i) Basic concepts in Petroleum Drilling and Completions (R193227D)
					ii) Advanced Well Completion Engineering (R193227B)	ii) Basic concepts in Petroleum Production Engineering (R193227E)
					iii) Applied Mathematics in Reservoir Engineering (R193227C)	iii) Basic concepts in Petroleum Reservoir Engineering (R193227F)

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA**III B.TECH II SEMESTER (R19 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, MAY/JUNE - 2022**  
**TIME TABLE**


TIME: 10.00 AM TO 12.00 NOON

BRANCH	DATE & DAY					
	30.05.2022 (Monday)	31.05.2022 (Tuesday)	01.06.2022 (Wednesday)	02.06.2022 (Thursday)	03-06-2022 (Friday)	04-06-2022 (Saturday)
AGRICULTURAL ENGINEERING (35 AGE)	Irrigation and Drainage Engineering (R1932351)	Engineering Properties of Biological Materials (R1932352)	Farm Machinery Equipment - II (R1932353)	Dairy and Food Engineering (R1932354)	Professional Elective - I	Open Elective - I
					i) Seed Processing and Storage Engineering (R193235A)	i) Operations Research (R193235D)
					ii) Greenhouse Technology (R193235B)	ii) Robotics and Automation (R193235E)
				iii) Tractor Design and Testing (R193235C)	iii) Finite Element Method (R193235F)	

**NOTE:**

- (i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.
- (ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- (iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

DATE: 23-05-2022

  
Controller of Examinations



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**IV B.TECH II SEMESTER (R16) II MID & ONLINE QUIZ EXAMINATIONS, MAY/JUNE - 2022**

**T I M E T A B L E**

**TIME : 10.00 AM TO 12.00 NOON**

Branch	30.05.2022 (Monday)	31.05.2022 (Tuesday)	01.06.2022 (Wednesday)	02.06.2022 (Thursday)
<b>Civil Engineering (01)</b>	Estimation Specificatin & Contracts (R1642011)	Construction Technology & Management (R1642012)	Prestressed Concrete (R1642013)	<b>Elective-III:</b> Bridge Engineering (R164201A)/Soil Dynamics and Foundations (R164201B)/Solid and Hazards waste management (R164201C)/Water Resource System Planning (R164201D)/UrbanTransportation Planning Engineering (R164201E)
<b>Electrical &amp; Electronics Engineering (02)</b>	Digital Control Systems (R1642021)	HVDC Transmission (R1642022)	Electrical Distribution Systems (R1642023)	<b>Elective-III:</b> High Voltage Engineering (R164202A)/Flexible Alternating Current Transmissin Systems (R164202B)/Power Systems Reforms (R164202C)
<b>Mechanical Engineering (03)</b>	Production Planning and Control (Common to Mechanical and Mining) (R1642031)	Unconventional Machining Processes (R1642032)	Automobile Engineering (R1642033)	<b>Elective-III:</b> Thermal Equipment Design (R164203A)/Non Destructive Evaluation (R164203B)/Quality and Reliability Engineering (R164203C)
<b>Electronics &amp; Communication Engineering (04)</b>	Cellular Mobile Communications (R1642041)	Electronic Measurements and Instrumentation (R1642042)	Satellite Communications (R1642043)	<b>Elective-III:</b> Digital IC Design(Common to ECE & E.I.E) (R164204B)/Operating Systems (R164204C)/Wireless Sensors & Networks(R164204A)
<b>Computer Science &amp; Engineering (05)</b>	Distributed Systems (Common to CSE, IT) (R1642051)	Management Science (Common to CSE, IT) (R1642052)	Machine Learning (R1642053)	<b>Elective-III:</b> Operation Research (R164205C)/Artificial Neural Networks(Common to CSE, IT) (R164205B)/Concurrent and Parallel Programming(Common to CSE, IT) (R164205A)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**UNIVERSITY EXAMINATION CENTER, KAKINADA**  
**IV B.TECH II SEMESTER (R16) II MID & ONLINE QUIZ EXAMINATIONS, MAY/JUNE - 2022**

**TIME TABLE**

**TIME : 10.00 AM TO 12.00 NOON**

Branch	30.05.2022 (Monday)	31.05.2022 (Tuesday)	01.06.2022 (Wednesday)	02.06.2022 (Thursday)
<b>Electronics &amp; Instrumentation Engineering (10)</b>	Industrial Automation (R1642101)	Data Communications (R1642102)	Embedded Systems (Common to EIE & E.Comp.E) (R1642103)	<b>Elective III:</b> Digital IC Design (Common to ECE & E.I.E) (R164204B)/Calibration & Standards (R164210A)/Micro Electro Mechanical Systems (MEMS) (R164210B)
<b>Information Technology (12)</b>	Distributed Systems(Common to CSE, IT) (R1642051)	Management Science(Common to CSE, IT) (R1642052)	Management Information System (R1642121)	<b>Elective III:</b> Cyber Security (R164212A)/Software Quality Assurance (R164212B)/Concurrent and Parallel Programming (Common to CSE, IT) (R164205A)/Artificial Neural Networks(Common to CSE, IT)(R164205B)
<b>Electronics &amp; Computer Engineering (19)</b>	Automata Theory & Compiler Design (R1642191)	<b>Elective IV :</b> Real Time Operating Systems (R164219D)/Network Security & Cryptography (R164219E)	Embedded Systems (Common to EIE & E.Comp.E) (R1642103)	<b>Elective III:</b> Language Processors (R164219A)/EMI/EMC (R164219B)/Data Ware Housing & Data Mining (R164219C)
<b>Aeronautical Engineering (21)</b>	Rockery and Space Mechanics (R1642211)	Mechanics of Composites (R1642212)	Aerospace Materials (R1642213)	<b>Elective III:</b> Avionics (R164221A)/Propellant Technology (R164221B)/Aero Elasticity (R164221C)
<b>Automobile Engineering (24)</b>	Automotive Control Systems (R1642241)	Vehicle Maintenance (R1642242)	Product Design and Assembly Automation (R1642243)	<b>Elective III:</b> Automotive Safety (R164224A)/Automotive Manufacturing Systems (R164224B)/Automobile Air Conditioning (R164224C)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**UNIVERSITY EXAMINATION CENTER, KAKINADA**  
**IV B.TECH II SEMESTER (R16) II MID & ONLINE QUIZ EXAMINATIONS, MAY/JUNE - 2022**

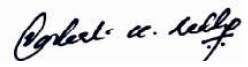
**TIME TABLE**

**TIME : 10.00 AM TO 12.00 NOON**

<b>Branch</b>	<b>30.05.2022 (Monday)</b>	<b>31.05.2022 (Tuesday)</b>	<b>01.06.2022 (Wednesday)</b>	<b>02.06.2022 (Thursday)</b>
<b>Mining Engineering (26)</b>	Production Planning and Control (Common to Mechanical and Mining) (R1642031)	Mine Economics & Investment (R1642261)	Mine Health and Safety Engineering (R1642262)	<b>Elective III:</b> Planning of Underground Metal Mining Projects (R164226A)/Planning of Underground Coal Mining Projects (R164226B)/Planning of Surface Mining Projects (R164226C)
<b>Petroleum Engineering (27)</b>	EOR Techniques (R1642271)	HSE & FE in Petroleum Industry (R1642272)	Petroleum Economics, Policies & Regulations (R1642273)	<b>Elective III :</b> Shale Gas Reservoir Engineering (R164227A)/Subsea Engineering (R164227B)/Reservoir Modelling & Simulation (R164227C)
<b>Agricultural Engineering (35)</b>	Design of Agricultural Machinery (R1642351)	Agricultural Extension Techniques and Business Management (R1642352)	Agro Industries and Bi-product Utilization (R1642353)	<b>Elective III :</b> GIS and Remote Sensing (R164235A)/Human Engineering and safety (R164235B)/Production Technology of Agricultural Machinery (R164235C)

- i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.
- ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

**DATE: 23-05-2022**

  
**Controller of Examinations**

**KRISHNACHAITANYA INSTITUTE OF TECHNOLOGY & SCIENCES:: MARKAPUR**  
**CIRCULAR**

Date: 17-06-2022

II Mid Examinations for II - B.Tech II Sem (R20) students are scheduled from Monday, 20<sup>th</sup> JUNE 2022. The Time Tables for Online Objective Test and Subjective Tests are sent for circulation.

The subject teachers are requested to prepare the **TWO SETS** of question papers for the subjective tests and submit the soft copy to the exam Section two days before the schedule of examination.

The Subjective Exam will be conducted from : **2.30 PM TO 4.00 PM**

The **Online Exam** will be conducted from : **10.00 AM to 01.00 P.M**

**\*\*\*Note: The faculty according to timetable has to act as Invigilator for online exam**



**EXAM SECTION I/C**



**PRINCIPAL**

COPY TO HOD'S:

CE :

ECE :

CSE :

ON-LINE IN-CHARGE :





**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

II B. TECH II SEMESTER (R20)

**II B. TECH II SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, JUNE - 2022**

**T I M E T A B L E**

TIME: 10.00 AM TO 12.00 NOON

BRANCH	DAY AND DATE				
	20-06-2022 (Monday)	21-06-2022 (Tuesday)	22-06-2022 (Wednesday)	23-06-2022 (Thursday)	24-06-2022 (Friday)
CIVIL ENGINEERING (01-CE)	Complex Variables and Statistical Methods <b>R2022011</b> (Comm to CE, ME, AME, MM)	Strength of Materials -II <b>R2022012</b>	Hydraulics and Hydraulic Machinery <b>R2022013</b>	Environmental Engineering <b>R2022014</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE, EEE, EIE, ECT, AGE, FE)
ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)	Python Programming <b>R2022021</b> (Common to EEE, FE)	Digital Electronics <b>R2022022</b>	Power System-I <b>R2022023</b>	Induction and Synchronous Machines <b>R2022024</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE, EEE, EIE, ECT, AGE, FE)
MECHANICAL ENGINEERING (03-ME)	Complex Variables and Statistical Methods <b>R2022011</b> (Comm to CE, ME, AME, MM)	Material Science & Metallurgy <b>R2022031</b>	Dynamics of Machinery <b>R2022032</b>	Thermal Engineering-I <b>R2022033</b>	Industrial Engineering and Management <b>R2022034</b>
ELECTRONICS & COMMUNICATION ENGINEERING (04-ECE)	Electronic Circuit Analysis <b>R2022041</b> (Comm to ECE, EIE, ECT)	Digital IC Design <b>R2022042</b>	Analog Communications <b>R2022043</b> (Common to ECE, ECT)	Linear Control Systems <b>R2022044</b> (Common to ECE, EIE)	Management and Organizational Behavior <b>R2022045</b> (Common to ECE, PE)
COMPUTER SCIENCE & ENGINEERING (05-CSE)	Probability and Statistics <b>R2022051</b> (Common to CSE, CST, CSE(AIML), CSE(AI), CSE(DS), E(AIDS), CSE(CS), CSE(IOT), CSE(CT), CSE( CSBS), CSE(IOT), AIDS, AIML)	Database Management Systems <b>R2022052</b> (Common to CSE, CST, CSE(CS), CSE(IOT), CSE(CT), CSE(CSBS), CSE(IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE, CST, CSE(AIML), CSE(AI), CSE(DS), (CSE(AIDS), CSE(CS), CSE(IOT), CSE(SIBC T), CSE(IOT), AIDS, AIML)	Java Programming <b>R2022054</b> (Common to CSE, IT, CSE(CSBS), CS)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE, CST, IT, MM, CSE(AIML), CSE(AI), CS E(DS), CSE(AIDS), CSE(CS), CSE(IOT), CSE(SIB CT), CSE(IOT), AIDS, AIML)



KRISHNACHAITANYA INSTITUTE OF TECHNOLOGY & SCIENCES:: MARKAPUR  
CIRCULAR

Date: 21-07-2022

II Mid Examinations for I - B.Tech II Sem (R20) students are scheduled from Monday, 25<sup>th</sup> JULY 2022. The Time Tables for Online Objective Test and Subjective Tests are sent for circulation.

The subject teachers are requested to prepare the **TWO SETS** of question papers for the subjective tests and submit the soft copy to the exam Section two days before the schedule of examination.

The Subjective Exam will be conducted from: **02.30 PM TO 04.00 PM – MID TERM - II**  
(Descriptive)

The **Online Exam** will be conducted from : **10.00 A.M to 01.00 P.M**

**\*\*\* Note: The faculty according to timetable has to act as Invigilator for online exam\*\*\***

EXAM SECTION I/C

  
PRINCIPAL

COPY TO HOD'S:

S&H :

ON-LINE IN-CHARGE :



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA  
**I B. TECH II SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, JULY - 2022**

**I B. TECH II SEMESTER (R20)**

**TIME TABLE**

		TIME: 10.00 AM TO 12.00 NOON				
Branch	25-07-2022 (Monday)	26-07-2022 (Tuesday)	27-07-2022 (Wednesday)	28-07-2022 (Thursday)	29-07-2022 (Friday)	30-07-2022 (Saturday)
<b>Subjects</b>	Mathematics - II <b>R201201</b>	Building Materials and Concrete Technology <b>R201205</b> (Only for CE)  Applied Physics <b>R201207</b> (Comm to EEE, ECE, EIE, ECT, CSE-AI&ML, CSE- AI, CSE-DS, CSE- AI&DS, AI&DC)	Programming for Problem Solving Using C <b>R201204</b> (Comm to CE, Agri E)  Data Structures Through C <b>R201208</b> (Only for EEE)  Basic Electrical Engineering <b>R201214</b> (Comm to ECE, EIE, ECT)  Computer Organization <b>R201216</b> (Comm to CSE,IT)  Digital Logic Design <b>R201221</b> (Comm to CSE-CS&T, CSE-AI&ML, CSE-AI, CSE-DS, CSE-AI&DS, CSE- CS, CSE-IOT&CS INCL BCT, CSE- CS&BS, CSE-IOT, AI&DS, Cyber Security)  Engineering Physics <b>R201222</b> (Comm. to AME, Mining, PE,FE)	Data Structures <b>R201218</b> (Comm to CSE, IT, CSE-AI&ML, CSE- AI, CSE-DS, CSE-AI&DS, AI&DS)  Problem Solving Using Python <b>R201219</b> (Comm to CSE-CS&T, CSE-CS, CSE- IOT&CS Incl BCT, CSE-CS&BS, CSE- IOT, Cyber Security)  Pharmaceutical Chemistry <b>R201258</b> (Only for Pharm. E)  Electrical Circuit Analysis -I <b>R201209</b> (Only for EEE)  Engineering Mechanics <b>R201210</b> (Comm to ME, PE, Agri E, FE)  Mechanics of Solids <b>R201255</b> (Only for Mining)  Metallurgy & Materials Science <b>R201256</b> (Only for AME)	Engineering Mechanics <b>R201203</b> (Only for CE)  Thermodynamics <b>R201254</b> (Only for ME)  Basic Civil and Mechanical Engineering <b>R201227</b> (Only for EEE)  Computer Aided Engineering Drawing <b>R201226</b> (Only for FE)  Engineering Drawing <b>R201224</b> (Comm to Mining, Agri.E, Phar.E)  Object Oriented Programming through Java <b>R201212</b> (Comm to ECE,EIE, ECT)  Basic Electrical & Electronics Engineering <b>R201220</b> (Comm to CSE-CS&T, CSE-CS, CSE-IOT&CS Incl BCT, CSE-CS&BS, CSE-IOT, Cyber Security)  Engineering Graphics <b>R201257</b> (Only for AME)  Python Programming <b>R201225</b> (Comm to CSE, IT, CSE-AI&ML, CSE-AI, CSE-DS, CSE- AI&DS, AI&DS)  Elements of Mechanical Engineering <b>R201223</b> (Only for PE)	Mathematics-III <b>R201206</b> (Only for EEE)  Engineering Chemistry <b>R201202</b> (Comm. to CE,ME ,Agri.E)  Applied Chemistry <b>R201215</b> (Comm to CSE, CSE-CS&T, IT, CSE-CS, CSE-IOT&CS Incl BCT, CSE-CS&BS, CSE-IOT, Cyber Security)  Network Analysis <b>R201213</b> (Comm to ECE,EIE, ECT)  Engineering and Solid Mechanics <b>R201259</b> (Only for Pharm. E)

**NOTE:**

- i. ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY.
- ii. EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- iii. THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE TIME TABLE IMMEDIATELY.

*Engel. A. Sully*

**Controller of Examinations**

**DATE: 14-07-2022**

**KRISHNACHAITANYA INSTITUTE OF TECHNOLOGY & SCIENCES :: MARKAPUR  
CIRCULAR**

**II B.TECH-II Semester MID-I Examinations Scheduled from,  
25-04-2022**

The faculty members are requested to note the invigilation duties for External Examinations and attend at least 15 minutes before the Examination schedule to collect the material from the Exam cell.

If any faculty required to alter their invigilation duty / class work, they may alter with permission from Principal.

**Alteration Form is available with Exam Section(Compulsory).**

**Time: 09.45 AM to 11.15 AM---FN**

  
Exam In-Charge

  
PRINCIPAL

DEPT	S.NO	Name of the faculty	25-4-22 MON	26-4-22 TUE	27-4-22 WED	28-4-22 THU	29-4-22 FRI	Signature of the Faculty
			FN	FN	FN	FN	FN	
CE	1	K.Rajasekhar	1		1		1	
	2	K.Ramudu		1	1		1	
	3	SK.Md.Areefuddin	1	1		1		
	4	E.V.Chandra sekhar	1		1		1	
	5	SK.Ayub Basha	1		1		1	
EEE	6	B.Raju	1		1		1	
	7	A.Balachandrudu		1	1	1		
ME	8	P.V.Anil Kumar		1		1	1	
	9	Sri V. Pranay Kumar		1	1	1		
	10	G.Venkateswarlu	1			1	1	
	11	B.Siva rama krishna	1		1		1	
	12	SK.Mohammad Rafi	1	1		1		
ECE	13	Sri A. Prasad		1	1		1	
	14	Sri K. Ranjith Kumar	1	1			1	
	15	Sri B. Ajanta Reddy			1	1	1	
	16	N.Swaroopu Rani	1	1		1		
	17	N.B.filani		1		1	1	
	18	M.Vijay Bhaskar	1		1		1	
CSE	19	M.Gnanavardhan		1		1		
	20	Sri Sk.Alimoon		1	1		1	
	21	E.Rajesh	1		1	1		
	22	C.Jayaramulu	1	1			1	
	23	Sri G. Mahesh	1	1	1			
	24	P.Pullaiiah	1		1	1		
	25	SK.Yasmin Sultana		1		1	1	
	26	A.Amruthavalli	1		1		1	
	27	K.Raj Kiran	1	1		1		
	28	J.Mahalakshmi	1		1		1	
	29	Dr.Samson Anosh Babu		1		1	1	
MBA	30	S.Srinivasulu					1	
	31	V.Karthik		1		1		
	32	SK.Khadar Basha	1		1			
	33	R.Lakshmi Prasanna	1				1	
NON TEACHING	34	G.Vijay kumar reddy		1		1		
	35	D.Pakeeraiah	1		1		1	
	36	B.V.Suresh Kumar		1		1		
	37	T.Venkateswarlu	1		1		1	
	38	U.Ramanaiah		1		1		
	39	T.Siva ramakrishna	1		1		1	
	40	P.Nagaraju		1		1		
	41	P.Sirisha	1		1		1	
	42	T.N.V.Gowthami		1		1		
	43	K.Priyanka	1		1		1	



KRISHNACHAITANYA INSTITUTE OF TECHNOLOGY & SCIENCES :: MARKAPUR  
CIRCULAR

**II B.TECH-II Semester MID-II Examinations Scheduled from, 20-06-2022**

The faculty members are requested to note the invigilation duties for MID Examinations and attend at least 30 minutes before the Examination schedule to collect the material from the Exam cell.

If any faculty required to alter their invigilation duty / class work, they may alter with permission from Principal.  
**Alteration Form is available with Exam Section(Compulsory).**

Time: 02.30 PM to 04.00 PM---AN

  
Exam In-Charge

  
PRINCIPAL

DEPT	S.NO	Name of the faculty	20/6/22 MON	21/6/22 TUE	22/6/22 WED	23/6/22 THU	24/6/22 FRI	Signature of the Faculty
			AN	AN	AN	AN	AN	
CE	1	K.Ramudu			1		1	
	2	E.V.Chandra sekhar	1	1				
	3	SK Ayub Basha			1		1	
EEE	4	B.Raju	1	1		1		
	5	A.Balachandrudu			1		1	
ME	6	SK Rafi	1	1				
	7	G.Venkateswarlu			1	1	1	
ECE	8	Sri A. Prasad	1	1				
	9	Sri B. Ajanta Reddy			1	1	1	
	10	K CH Malla Reddy	1	1				
	11	N.Swaroop Rani		1		1		
	12	N.B.Jilani		1		1		
	13	M.Vijay Bhaskar			1		1	
CSE	14	M.G.Vardhan		1		1		
	15	Sri G. Mahesh	1		1		1	
	16	SK.Yasmin Sultana		1		1		
	17	A.Amruthavalli	1	1				
	18	P.Pullaiiah			1	1	1	
	19	C.Jayaramulu	1			1		
	20	K.Raj Kiran			1		1	
	21	J.Mahalakshmi	1	1		1		
H&S	22	Dr.Samson Anosh Babu			1		1	
	23	G Venkateswarlu	1		1		1	
	24	CH S N Rajeswar		1	1	1		
MBA	25	P Manohar	1			1	1	
	26	S Srinivasulu			1		1	
	27	V Karthik	1			1		
	28	SK.Khadar Basha			1	1	1	
	29	R.Lakshmi Prasanna	1	1				
OFFICE	30	K.Srinivasa Rao			1		1	
	31	R.Venkatesh			1		1	
NON TEACHING	32	G.Vijay kumar reddy		1			1	
	33	D.Pakeeraiah	1	1		1		
	34	T.Venkateswarlu		1		1		
	35	U.Ramanaiah	1	1		1		
	36	T.Siva ramakrishna			1		1	
	37	P.Nagaraju			1	1	1	
	38	T.N.V.Gowthami	1	1	1		1	
	39	K.Priyanka		1	1	1	1	
	40	S.Sushma Rani	1	1		1	1	
	41	V.Aishwarya	1	1	1	1		

**CIRCULAR**

**I B.TECH-I Semester REGULAR/SUPPLY Examinations Scheduled from,  
04-04-2022**

The faculty members are requested to note the invigilation duties for External Examinations and attend at least 30 minutes before the Examination schedule to collect the material from the Exam cell.

If any faculty required to alter their invigilation duty / class work, they may alter with permission from Principal.

**Alteration Form is available with Exam Section(Compulsory).**

**Time: 10.00 AM to 01.00 PM---FN**

  
Exam In-Charge

  
PRINCIPAL

DEPARTMENT	S.NO	Name of the faculty	04/4/22 MON	06/4/22 WED	08/04/22 FRI	11/4/22 MON	13/4/22 WED	16/4/22 SAT	Signature of the Faculty
H&S	1	A.V.Srinivasa rao	1	1	1		1		
	2	G.Venkateswarlu	1	1		1		1	
	3	Dr.A.Varaprasad	1		1	1	1		
	4	Dr.J.V.Ramana reddy		1	1	1		1	
	5	A.Lakshmi reddy	1	1	1		1		
	6	CH.S.N.Rajeswar		1		1	1	1	
	7	T.Srinivasulu	1	1	1		1		
	8	K.Manohar		1		1	1	1	
	9	P.Sai Pratap	1	1	1		1		
CSE	10	C.Jayaramulu	1		1		1		
	11	K.Rajkiran		1		1		1	
	12	E.Rajesh	1		1		1		
	13	P.Pullaiiah				1		1	
ME	14	V.Pranay Kumar	1						
	15	B.Sivaramakrishna		1					
	16	Sk.Rafi			1				
	17	G.Venkateswarlu				1			
CE	18	K.Rajasekhar						1	
	19	K.Ramudu					1		
	20	Sk.Areefuddin				1			
	21	Sk.Ayub Basha			1				
OFFICE	22	K.Srinivas		1		1		1	
	23	B.Prashanthi	1		1		1		
MBA	24	S.Srinivasulu		1				1	
	25	V.Karthik	1			1			
	26	SK.Khadar basha			1		1		
	27	R.Lakshmi Prasanna		1				1	
NON TEACHING	28	G.Vijay kumar reddy	1		1		1		
	29	D.Pakeeraiah		1	1			1	
	30	B.V.Suresh Kumar	1		1		1		
	31	T.Venkateswarlu		1	1	1		1	
	32	U.Ramanaiah	1		1		1		
	33	T.Siva ramakrishna		1		1		1	
	34	P.Nagaraju	1		1		1		
	35	P.Sirisha	1		1	1			
	36	P.Ahamad Ali		1		1		1	
	37	T.N.V.Gowthami		1	1			1	
	38	K.Priyanka	1		1		1		
	39	Lakshmi Lavanya	1	1		1		1	



KRISHNACHAITANYA INSTITUTE OF TECHNOLOGY & SCIENCES :: MARKAPUR

CIRCULAR

**II & III B.TECH- I & II Semester REGULAR/SUPPLY Examinations Scheduled from,  
27-06-2022**

The faculty members are requested to note the invigilation duties for External Examinations and attend at least 30 minutes before the Examination schedule to collect the material from the Exam cell.

If any faculty required to alter their invigilation duty / class work, they may alter with permission from Principal.

**Alteration Form is available with Exam Section(Compulsory).**

**Time: 10.00 AM to 01.00 PM—FN**

  
Exam In-Charge

  
PRINCIPAL

DEPT	S.NO	Name of the faculty	27/6/22 MON	28/6/22 TUE	29/6/22 WED	30/6/22 THU	1/7/22 FRI	2/7/22 SAT	4/7/22 MON	5/7/22 TUE	6/7/22 WED	7/7/22 THU	8/7/22 FRI	11/7/22 MON	Signature of the Faculty
			FN	FN	FN	FN	FN	FN	FN	FN	FN	FN	FN	FN	
CE	1	K Rajasekhar		1		1		1		1		1			
	2	K.Ramudu	1		1		1		1		1		1		
	3	E.V.Chandra sekhar		1		1		1		1		1		1	
	4	SK Ayub Basha		1	1			1		1		1	1		
EEE	5	B.Raju		1		1		1				1			
	6	A.Balachandrudu	1		1		1		1		1			1	
ME	7	SK Rafi		1		1		1		1		1		1	
	8	G.Venkateswarlu		1		1		1		1		1	1		
ECE	9	A. Prasad	1		1		1		1		1			1	
	10	B. Ajanta Reddy		1		1		1		1		1		1	
	11	K CH Malla Reddy		1		1		1		1		1	1		
	12	N.Swaroop Rani	1	1		1	1			1		1			
	13	N.B.Jilani	1		1			1		1		1	1		
	14	M.Vijay Bhaskar		1		1		1		1		1		1	
CSE	15	M.G.Vardhan		1		1		1		1		1			
	16	C.Jayaramulu	1		1		1			1	1		1		
	17	J.Mahalakshmi		1		1		1		1		1		1	
	18	SK.Yasmin Sultana	1		1		1		1		1		1		
	19	A.Amruthavalli		1		1		1		1		1		1	
	20	P.Pullaiyah		1		1		1		1		1			
	21	Dr.Samson Anosh Babu		1		1	1		1		1			1	
MBA	22	S Srinivasulu	1		1		1		1						
	23	V Karthik		1				1		1		1			
	24	SK.Khadar Basha	1				1				1		1		
	25	R.Lakshmi Prasanna			1			1	1					1	
OFFICE	26	K.Srinivasa Rao		1		1		1		1		1		1	
	27	R.Venkatesh	1		1		1		1	1			1		
	28	Sai Swetha	1	1		1		1		1		1			
NON TEACHING	29	G.Vijay kumar reddy		1		1		1				1	1		
	30	D.Pakeeraiah	1		1		1			1		1			
	31	T.Venkateswarlu	1		1		1		1			1			
	32	B V Suresh kumar		1		1		1		1		1			
	33	P Ahmad Ali	1		1	1		1						1	
	34	U.Ramanaiah		1		1		1		1		1			
	35	T.Siva ramakrishna		1		1		1		1		1			
	36	P.Nagaraju		1		1		1		1		1			
	37	T.N.V.Gowthami		1		1		1		1		1			
	38	K.Priyanka	1	1			1		1		1				
	39	S.Sushma Rani			1	1		1		1		1		1	
	40	V.Aishwarya		1		1		1		1				1	

**Answer All The Following Questions:**

1. Explain the methodology of Dynamic programming. [2.5 M]
2. Write an algorithm to determine the Hamiltonian Cycle in a given graph using backtracking. [2.5 M]
3. What is a backtracking? Give the explicit and implicit constraints in 4 queen's problem. [2.5 M]
4. Explain the general principle of Greedy method. [2.5 M]



10/10

Class: B.Tech II Sem Mid II Branch: CSE-A Roll No: 19J01A0511

Subject: Design Analysis of Algorithms Date: 01-06-2022

No. of Additional Sheets Used 0

Signature of the Invigilator [Signature]

4) Greedy Method:-

→ It is solved based on the given information available.

→ It is used for optimized solution.

Algorithm:-

→ Algorithm is very easy.

→ when it is compared with other algorithms, it is easy to understand.

→ The algorithm is

greedy value (a, n);

solution =  $\phi$ ;

if  $\{$

if  $i := 1$  to  $n$  do

select value (a);

if feasible (solution (0, n));

solution = union (solution (0, n));

$\}$

else

$\{$

end

Step 1:- select a value from the greedy solution and take the solution as  $\phi$  and make the process.

Step 2:- when we complete the process we can use it and add the value again and again until it is not possible then remove it and never use it again. If

it is feasible then we can keep it in the solution set.

### Applications:-

- 1) knap sack problem
- 2) Minimum spanning tree
- 3) loading container problem.

### 1) Dynamic programming:-

→ In this we can use to solve the problem and get a solution.

→ Dynamic programming is used to solve the multistage optimization problem and get a solution.

→ The word "Dynamic" means some sort of changes (or) some set of time and the word "programming" means tabulation (or) processing.

→ The word "Dynamic" means by storing the elements and during the process we can get the multistage optimization problem solutions.

Step 1: In dynamic programming we can divide the problem into sub parts as in "Divide and conquer". But in Divide and conquer there is no combination with other parts.

Step 2: In dynamic programming we have a relation or need with other sub sets to solve the problem. By using the process we can get a solution.



## Applications:

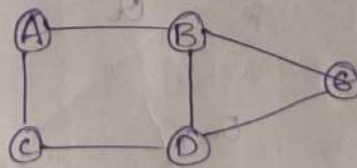
- knap sack problem
- Minimal spanning tree.
- Travelling salesman problem
- Hamiltonian graphs

## 2) Hamiltonian Graph :-

→ Hamiltonian graph is a graph which is used to give the best path.

→ In this graph we can check all each node or travel the each node at least once but sometimes it does not travel.

→ Let us take an example for the Hamiltonian graph.



→  $A \rightarrow B \rightarrow D \rightarrow E$  is the path for the above graph. In this

there is various paths to find the ways.

→ When, we see according to Hamiltonian graph there is a travelling all the nodes at least once but we

cannot visit the path  $B \rightarrow D$  at least once but

also we can find the solution.

○ ○ This is called as Hamiltonian cycle in a given graph.

### 3) Back tracking :-

- It uses the depth-first search for finding solution.
- It is used for getting solution for decision making problems.
- In this back tracking we can space search tree and get solutions.
- Applications of Back tracking are Hamiltonian graphs.

### 4 Queen's problem :-

- 4 Queen's problem is nothing but placing 4 queens in different places, but no one is placed diagonally.
- The main theme is to get the problem solution.
- Now we can place the 4 queens in different columns as below:

	1	2	3	4
1		Q		
2				Q
3	Q			
4			Q	

- According to the table we can find implicit and explicit constraints.
- According when we identify implicit constraints there is no two queens are placed in same row or column as same place.
- When we identify explicit constraints no one queens are placed diagonally in the above table. If it placed the game will be lost or problem-failed.
- The series for 4-Queen's problem is (2, 4, 1, 3).

# Krishna Chaitanya Institute of Technology and Sciences

Name : K. Lakshmi Priyanka

Roll NO : 20JUIA0556

Section : A

Subject : Mathematics-III

Branch : CSE

mid : 1<sup>st</sup>

Year : 2<sup>nd</sup>

Semester : 1<sup>st</sup>

5/5

Submitted to :-

Anna Venkata Srinivas Rao Sir

Submitted by :-

20JUIA0556



1. find the directional derivative of  $xyz^2+xz$  at  $(1,1,1)$  in the direction of normal to the surface  $3xy^2+y-z=2$  at  $(0,1,1)$ .

$$\text{let } f = xyz^2 + xz \text{ at } (1,1,1)$$

$$g = 3xy^2 + y - z \text{ at } (0,1,1)$$

$$\text{Now, } \nabla f = \bar{i} \frac{df}{dx} + \bar{j} \frac{df}{dy} + \bar{k} \frac{df}{dz}$$

$$\Rightarrow \bar{i} \frac{d}{dx} (xyz^2 + xz) + \bar{j} \frac{d}{dy} (xyz^2 + xz) + \bar{k} \frac{d}{dz} (xyz^2 + xz)$$

$$\Rightarrow \bar{i} (yz^2 + z) + \bar{j} (xz^2) + \bar{k} (2xyz + x)$$

$$\text{At } (1,1,1) \nabla f = \bar{i} ((1)(1)^2 + 1) + \bar{j} ((1)(1)^2) + \bar{k} (2(1)(1)(1) + 1)$$

$$\nabla f = \bar{i} (1+1) + \bar{j} (1) + \bar{k} (2+1)$$

$$\nabla f = 2\bar{i} + \bar{j} + 3\bar{k}$$

$$\text{also } \nabla g = \bar{i} \frac{dg}{dx} + \bar{j} \frac{dg}{dy} + \bar{k} \frac{dg}{dz}$$

$$\Rightarrow \bar{i} \frac{d}{dx} (3xy^2 + y - z) + \bar{j} \frac{d}{dy} (3xy^2 + y - z) + \bar{k} \frac{d}{dz} (3xy^2 + y - z)$$

$$\Rightarrow \bar{i} (3y^2) + \bar{j} (6xy + 1) + \bar{k} (-1)$$

$$\text{at } (0,1,1) \nabla g = \bar{i} (3(1)^2) + \bar{j} (6(0)(1) + 1) + \bar{k} (-1)$$

$$\nabla g = 3\bar{i} + \bar{j} - \bar{k}$$

$$\text{let } \vec{a} = \nabla g = 3\bar{i} + \bar{j} - \bar{k}$$

$$\hat{a} = \frac{\vec{a}}{|\vec{a}|} = \frac{3\bar{i} + \bar{j} - \bar{k}}{\sqrt{9+1+1}}$$

$$= \frac{3\bar{i} + \bar{j} - \bar{k}}{\sqrt{11}}$$

$$\hat{a} = \frac{3}{\sqrt{11}} \bar{i} + \frac{1}{\sqrt{11}} \bar{j} - \frac{1}{\sqrt{11}} \bar{k}$$

The directional derivative of  $f$  in the direction  $\vec{a}$  is  $\nabla f \cdot \hat{a}$

$$\begin{aligned}
 &= (2\hat{i} + \hat{j} + 3\hat{k}) \left( \frac{3}{\sqrt{11}} \hat{i} + \frac{1}{\sqrt{11}} \hat{j} - \frac{1}{\sqrt{11}} \hat{k} \right) \\
 &= \frac{6}{\sqrt{11}} + \frac{1}{\sqrt{11}} - \frac{3}{\sqrt{11}} \\
 &= \frac{4}{\sqrt{11}}
 \end{aligned}$$

2. If  $f$  and  $g$  are any two scalar product functions, prove that  $\text{div}(f \nabla g) = f \nabla^2 g + \nabla f \cdot \nabla g$ .

Take  $\nabla g = \left( \hat{i} \frac{d}{dx} + \hat{j} \frac{d}{dy} + \hat{k} \frac{d}{dz} \right)$

$$= \hat{i} \frac{dg}{dx} + \hat{j} \frac{dg}{dy} + \hat{k} \frac{dg}{dz}$$

take  $f \nabla g = \left( \hat{i} \frac{dg}{dx} + \hat{j} \frac{dg}{dy} + \hat{k} \frac{dg}{dz} \right) f$

$$= \hat{i} f \frac{dg}{dx} + \hat{j} f \frac{dg}{dy} + \hat{k} f \frac{dg}{dz}$$

take L.H.S

$$\begin{aligned}
 \text{div}(f \nabla g) &= \left( \hat{i} \frac{d}{dx} + \hat{j} \frac{d}{dy} + \hat{k} \frac{d}{dz} \right) \cdot \left( \hat{i} f \frac{dg}{dx} + \hat{j} f \frac{dg}{dy} + \hat{k} f \frac{dg}{dz} \right) \\
 &= \frac{d}{dx} \left( f \frac{dg}{dx} \right) + \frac{d}{dy} \left( f \frac{dg}{dy} \right) + \frac{d}{dz} \left( f \frac{dg}{dz} \right) \\
 &= \frac{df}{dx} \cdot \frac{dg}{dx} + f \frac{d^2 g}{dx^2} + \frac{df}{dy} \cdot \frac{dg}{dy} + f \frac{d^2 g}{dy^2} + \frac{df}{dz} \cdot \frac{dg}{dz} + f \frac{d^2 g}{dz^2} \\
 &= f \left( \frac{d^2 g}{dx^2} + \frac{d^2 g}{dy^2} + \frac{d^2 g}{dz^2} \right) + \frac{df}{dx} \cdot \frac{dg}{dx} + \frac{df}{dy} \cdot \frac{dg}{dy} + \frac{df}{dz} \cdot \frac{dg}{dz} \\
 &= f \nabla^2 g + \left( \hat{i} \frac{df}{dx} + \hat{j} \frac{df}{dy} + \hat{k} \frac{df}{dz} \right) \cdot \left( \hat{i} \frac{dg}{dx} + \hat{j} \frac{dg}{dy} + \hat{k} \frac{dg}{dz} \right) \\
 &= f \nabla^2 g + \nabla f \cdot \nabla g \\
 &= \text{R.H.S.}
 \end{aligned}$$



3) find  $L^{-1} \left\{ \frac{s^2}{(s^2+4)(s^2+25)} \right\}$

Given

$$L^{-1} \left\{ \frac{s^2}{(s^2+4)(s^2+25)} \right\}$$

By partial fraction

$$\frac{s^2}{(s^2+4)(s^2+25)} = \frac{As+B}{s^2+4} + \frac{Cs+D}{s^2+25}$$

$$\frac{s^2}{(s^2+4)(s^2+25)} = \frac{(As+B)(s^2+25) + (Cs+D)(s^2+4)}{(s^2+4)(s^2+25)}$$

$$s^2 = (As+B)(s^2+25) + (Cs+D)(s^2+4)$$

$$s^2 = A(s^3+25s) + B(s^2+25) + C(s^3+4s) + D(s^2+4)$$

equating " $s^3$ " Co-efficient on both sides

$$0 = A + C$$

$$\boxed{A = -C} \rightarrow \textcircled{1}$$

equating  $s^2$  Co-efficient on both sides

$$1 = B + D$$

$$\boxed{B = 1 - D} \rightarrow \textcircled{2}$$

equating 's' Co-efficients on both sides

$$0 = 25A + 4C$$

$$0 = 25A + 4(-A) \quad (\because \text{from eq } \textcircled{1})$$

$$0 = 25A - 4A$$

$$0 = 21A$$

$$\boxed{A = 0}$$

from eq  $\textcircled{1}$   $\boxed{C = 0}$

Equating constant on both sides

$$0 = 25B + 4D$$

$$0 = 25(1-D) + 4D$$

$$0 = 25 - 25D + 4D$$

$$25 - 21D = 0$$

$$21D = 25$$

$$D = \frac{25}{21}$$

from eq (2)  $B = 1 - D$

$$= 1 - \frac{25}{21}$$

$$= \frac{21 - 25}{21}$$

$$B = -\frac{4}{21}$$

$$\therefore \frac{s^2}{(s^2+4)(s^2+25)} = \frac{-4/21}{s^2+4} + \frac{25/21}{s^2+25}$$

$$\text{Consider } \mathcal{L}^{-1} \left\{ \frac{s^2}{(s^2+4)(s^2+25)} \right\} = \mathcal{L}^{-1} \left\{ \frac{-4/21}{s^2+2^2} + \frac{25/21}{s^2+5^2} \right\}$$

$$= \frac{-4}{21} \mathcal{L}^{-1} \left\{ \frac{1}{s^2+2^2} \right\} + \frac{25}{21} \mathcal{L}^{-1} \left\{ \frac{1}{s^2+5^2} \right\}$$

$$= -\frac{4}{21} \cdot \frac{1}{2} \sin 2t + \frac{25}{21} \cdot \frac{1}{5} \sin 3t$$

4) find fourier series for  $f(x) = x \sin x$  in  $0 < x < 2\pi$ .

Given

$$f(x) = x \sin x \text{ in } 0 < x < 2\pi$$

fourier series

$$f(x) = \frac{a_0}{2} + \sum_{n=1}^{\infty} (a_n \cos nx + b_n \sin nx)$$

$$a_0 = \frac{1}{\pi} \int_0^{2\pi} f(x) dx$$

$$= \frac{1}{\pi} \int_0^{2\pi} x \sin x \, dx$$

$$\begin{array}{l|l} u = x & dv = \sin x \, dx \\ u' = 1 & v = -\cos x \\ & v' = -\sin x \end{array}$$

$$\begin{aligned} a_0 &= \frac{1}{\pi} \left[ x(-\cos x) - 1(-\sin x) \right]_0^{2\pi} \\ &= \frac{1}{\pi} \left[ -x \cos x + \sin x \right]_0^{2\pi} \\ &= \frac{1}{\pi} \left[ - \{ 2\pi \cos 2\pi - 0 \cos 0 \} + \{ \sin 2\pi - \sin 0 \} \right] \\ &= \frac{1}{\pi} \left[ -2\pi(1) + 0 - 0 \right] \\ &= -\frac{2\pi}{\pi} \end{aligned}$$

$$\boxed{a_0 = -2}$$

$$a_n = \frac{1}{\pi} \int_0^{2\pi} x \sin x \cos nx \, dx \quad \left[ \because 2 \sin A \cos B = \sin(A+B) + \sin(A-B) \right]$$

$$= \frac{1}{\pi} \int_0^{2\pi} x \cdot \frac{1}{2} (\sin(x+nx) + \sin(n-x)) \, dx$$

$$= \frac{1}{2\pi} \int_0^{2\pi} x (\sin(x+nx) + \sin(n-x)) \, dx$$

$$\begin{array}{l|l} u = x & dv = \sin(1+n)x + \sin(1-n)x \\ u' = 1 & v = \frac{-1}{1+n} \cos(1+n)x - \frac{1}{1-n} \cos(1-n)x \end{array}$$

$$v_1 = \frac{-1}{(1+n)^2} \sin(1+n)x - \frac{1}{(1-n)^2} \sin(1-n)x$$

$$= \frac{1}{2\pi} \left[ x \left( \frac{-1}{1+n} \cos(1+n)x - \frac{1}{1-n} \cos(1-n)x \right) - \left( \frac{-1}{(1+n)^2} \sin(1+n)x - \frac{1}{(1-n)^2} \sin(1-n)x \right) \right]_0^{2\pi}$$

$$= \frac{1}{2\pi} \left[ -x \left( \frac{1}{1+n} \cos(1+n)x + \frac{1}{1-n} \cos(1-n)x \right) + \left( \frac{1}{(1+n)^2} \sin(1+n)x + \frac{1}{(1-n)^2} \sin(1-n)x \right) \right]_0^{2\pi}$$

$$\begin{aligned}
&= \frac{1}{2\pi} \left[ - \left[ 2\pi \left( \frac{1}{1+n} \cos(1+n)2\pi + \frac{1}{1-n} \cos(1-n)2\pi \right) - 0 \right] + \frac{1}{(1+n)^2} \left[ \sin(1+n)2\pi - \sin 0 \right] + \frac{1}{(1-n)^2} \left[ \sin(1-n)2\pi - \sin 0 \right] \right] \\
&= \frac{1}{2\pi} \left[ - \left\{ 2\pi \left\{ \frac{1}{1+n}(1) + \frac{1}{1-n}(1) \right\} \right\} + \frac{1}{(1+n)^2} \left\{ (0-0) - (0-0) \right\} \right] \\
&= - \frac{2\pi}{2\pi} \left[ \frac{1}{1+n} + \frac{1}{1-n} \right] \\
&= - \left[ \frac{1-n+1+n}{(1+n)(1-n)} \right] = - \left[ \frac{2}{1-n^2} \right] \\
&= \frac{1}{2\pi} \left[ 2\pi(0-0) - \left\{ \frac{1}{(1+n)^2}(1) - \frac{1}{(1-n)^2} \right\} + \left\{ \frac{1}{(1+n)^2}(0) - \frac{1}{(1-n)^2}(0) \right\} \right]
\end{aligned}$$

$$b_n = 0$$

Fourier series is  $f(x)$ .

$$x \sin x = \frac{1}{2}(-2) + \sum_{n=1}^{\infty} \left( \frac{2}{n^2-1} \cos nx + 0 \sin nx \right)$$

$$= -1 + 2 \sum_{n=1}^{\infty} \frac{1}{n^2-1} \cos nx$$

Put  $n=1, 2, 3, \dots$

$$= -1 + 2 \left[ \frac{1}{2^2-1} \cos 2x + \frac{1}{3^2-1} \cos 3x + \frac{1}{4^2-1} \cos 4x + \dots \right]$$

$$= -1 + 2 \left[ \frac{1}{3} \cos 2x + \frac{1}{8} \cos 3x + \frac{1}{15} \cos 4x + \dots \right]$$

5) find half range cosine series for  $f(x) = x - x^2$  in  $0 < x < 1$ .

Given  $f(x) = x - x^2$  in  $0 < x < 1$

here  $l=1$

we find  $a_0, a_n$  only

$$a_0 = \frac{2}{l} \int_0^1 f(x) dx$$

$$= \frac{2}{1} \left( \int_0^1 (x - x^2) dx \right)$$

$$= 2 \left[ \left( \frac{x^2}{2} \right)_0^1 - \left( \frac{x^3}{3} \right)_0^1 \right]$$



$$a_n = \frac{L}{n^2 - 1}$$

$$\therefore b_n = \frac{1}{\pi} \int_0^{2\pi} x \sin x \sin nx \, dx \quad (\because 2 \sin A \sin B = \cos(A-B) - \cos(A+B))$$

$$= \frac{1}{\pi} \int_0^{2\pi} x \cdot \frac{1}{2} (\cos(x-nx) - \cos(x+nx)) \, dx$$

$$= \frac{1}{2\pi} \int_0^{2\pi} x (\cos(x-nx) - \cos(x+nx)) \, dx$$

$$u = x \quad \left| \quad dv = \cos(x-nx) - \cos(x+nx) \right.$$

$$u' = 1 \quad \left| \quad v = \frac{1}{1-n} \sin(1-n)x - \frac{1}{1+n} \sin(1+n)x \right.$$

$$V_1 = \frac{1}{(1-n)^2} \cos(1-n)x - \frac{1}{(1+n)^2} \cos(1+n)x$$

$$\Rightarrow \frac{1}{2\pi} \left[ x \left( \frac{1}{1-n} \sin(1-n)x - \frac{1}{1+n} \sin(1+n)x \right) - \left( \frac{1}{(1-n)^2} \cos(1-n)x - \frac{1}{(1+n)^2} \cos(1+n)x \right) \right]_0^{2\pi}$$

$$\Rightarrow \frac{1}{2\pi} \left[ x \left( \frac{1}{1-n} \sin(1-n)x - \frac{1}{1+n} \sin(1+n)x \right) - \left( \frac{1}{(1-n)^2} \cos(1-n)x - \frac{1}{(1+n)^2} \cos(1+n)x \right) \right]_0^{2\pi}$$

$$\Rightarrow \frac{1}{2\pi} \left[ 2x \left( \frac{1}{1-n} \sin(1-n)2\pi - \frac{1}{1+n} \sin(1+n)2\pi - 0 \right) - \left( \frac{1}{(1-n)^2} \cos(1-n)2\pi - \frac{1}{(1+n)^2} \cos(1+n)2\pi \right) + \left( \frac{1}{(1-n)^2} \cos(1-n)0 - \frac{1}{(1+n)^2} \cos(1+n)0 \right) \right]$$

$$= 2 \left[ \frac{1}{2}(1-0) \right] - \frac{1}{2}(1-0)$$

$$= 2 \left[ \frac{1}{2} - \frac{1}{3} \right] = 2 \left[ \frac{1}{3} \right] = \frac{1}{3}$$

$$a_0 = \frac{1}{3}$$

$$a_n = \frac{2}{1} \int_0^1 f(x) \cos\left(\frac{n\pi x}{1}\right) dx.$$

$$= \frac{2}{1} \int_0^1 (x-x^2) \cos\left(\frac{n\pi x}{1}\right) dx.$$

$$\begin{array}{l|l} u = x-x^2 & dv = \cos\left(\frac{n\pi x}{1}\right) \\ u' = 1-2x & v = \frac{1}{n\pi} \sin n\pi x \\ u'' = 0-2 & v_1 = \frac{1}{(n\pi)^2} \cos n\pi x \\ & v_2 = -\frac{1}{(n\pi)^3} \sin n\pi x \end{array}$$

$$a_n = 2 \left[ (x-x^2) \left( \frac{1}{n\pi} \sin n\pi x \right) - (1-2x) \left( \frac{1}{n\pi^2} \cos n\pi x \right) + (-2) \left( -\frac{1}{(n\pi)^3} \sin n\pi x \right) \right]_0^1$$

$$= 2 \left[ \frac{1}{n\pi} \{ 1-1^2 \sin n\pi(1) - (1-0) \sin 0 \} - \frac{(1)}{(n\pi)^2} \{ 1 - \cos n\pi \cdot 1 - 0 \cos 0 \} + \frac{2}{(n\pi)^3} \{ \sin n\pi(1) - \sin n\pi(0) \} \right]$$

$$= 2 \left[ \frac{1}{n\pi} [0-0] - \frac{1}{(n\pi)^2} [(-1)^n - 1] + \frac{2}{(n\pi)^3} [0-0] \right]$$

$$= 2 \left[ \frac{-1}{(n\pi)^3 (-1)^n} \right] \Rightarrow \boxed{a_n = \frac{-2}{(n\pi)^3} (-1)^n}$$

Fourier series is

$$f(x) = \frac{a_0}{2} + \sum_{n=1}^{\infty} a_n \cos\left(\frac{n\pi x}{1}\right)$$

$$x-x^2 = \frac{1}{3} \cdot \frac{1}{2} + \sum_{n=1}^{\infty} \left( \frac{-2}{n^3 \pi^3} \right) (-1)^n \cos\left(\frac{n\pi x}{1}\right)$$

$$x-x^2 = \frac{1}{6} - \frac{2}{\pi} \left[ \frac{-1}{1^3} \cos \pi x + \frac{1}{2^3} \cos 2\pi x - \frac{1}{3^3} \cos 3\pi x + \dots \right]$$

$$x-x^2 = \frac{1}{6} + \frac{2}{\pi} \left[ \frac{1}{1^3} \cos \pi x - \frac{1}{2^3} \cos 2\pi x + \frac{1}{3^3} \cos 3\pi x + \dots \right]$$



M. Anjali Lavanya  
D.S Internal Lab.  
No: 21JUIA0515  
18/07/22

118

Q) Aim: write a c-program to implement Binary search of elements using integers by binary search method?

Source code:

```
#include <stdio.h>
#include <conio.h>
void main()
{
    int i, j, low, high, key, array[100], n;
    clrscr();
    printf("Enter the size of array ");
    scanf("%d", &n);
    printf("Enter %d integers", n);
    for(i=0; i<n; i++)
    {
        scanf("%d", &array[i]);
    }
    low=0;
    high=n-1;
    mid=(low+high)/2;
    while (low<=high) {
        if
        printf("Enter the key element");
        scanf("%d", &key);
        low=0;
        high=n-1;
        mid=(low+high)/2;
        while (low<=high) {
            if (array[mid] < key)
                low=mid+1;
            if (array[mid] == key)
                ;
        }
    }
}
```

~~Proceed~~





```
printf ("The element is found at %d location", key, mid+1);
```

```
high=mid, mid-1;
```

```
mid= (low+high)/2;
```

```
break;
```

```
if (low > high)
```

```
if (array[mid] > key)
```

```
printf ("The element is
```

```
not found at the position i");
```

```
getch();
```

```
}
```

expected output:

```
enter size of array : 5
```

```
enter 5 integers : 23
```

```
10
```

```
11
```

```
12
```

```
16
```

```
enter key element : 10
```

```
The element is found at location '2'
```

Real output:

```
enter size of array : 7
```

```
enter 7 integers : 43
```

```
67
```

```
34
```

```
89
```

```
69
```

```
80
```

```
23
```

```
enter the key element : 43
```

(a) Aim: write a C-program to implement bubble sort by using sorting method in ascending order?

Source code:

```
#include <stdio.h>
#include <conio.h>
Void main()
{
int i, n, c, d, swap, a[100];
clrscr();
printf (" Enter size of array ");
scanf ("%d", &n);
printf (" Enter n integers of array : n);
for (c=0; c<n; c++)
{
scanf ("%d", &a[c]);
}
for (c=0; c<n-1; c++)
{
for (d=0; d<c-n-1; d++)
{
if (a[d] > a[d+1])
{
a[d] = swap;
a[d] = a[d+1];
a[d+1] = swap;
}
}
}
printf (" The elements of sorted array \n");
for (c=0; c<n; c++)
{
printf (" sorted array is : %d", a[c]);
scanf ("%d", &a[c]); printf ("%d\n", a[c]);
}
getch();
}
```



expected output:

enter size of the array : 4

enter the 4 integers of the array : 23

12

06

10

sorted array is : 06, 10, 12, 23

Real outcome:

enter size of array : 4

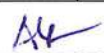
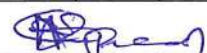


enter 4 numbers of the array : 76

21

12

11

sorted array is : 11, 12, 21, 76


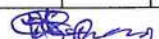
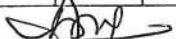
S.NO	Roll No	M-I 1R201101			ENGLISH 1R201102			EP 1R201103			EG 1R201105		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A0101	10	4	5	10	5	5	10	7	5	6	5	5
2	21JU1A0102	3	6	5	10	2	5	9	3	5	6	6	5
3	21JU1A0103	10	4	5	10	6	5	13	7	5	11	5	5
4	21JU1A0104	11	3	5	10	3	5	12	6	5	12	3	5
5	21JU1A0105	9	4	5	10	7	5	12	4	5	9	11	5
6	21JU1A0106	9	4	5	11	7	5	14	5	5	12	8	5
7	21JU1A0107	11	7	5	8	9	5	11	7	5	7	7	5
8	21JU1A0108	9	5	5	11	3	5	15	9	5	13	7	5
9	21JU1A0109	5	4	5	10	8	5	10	7	5	6	12	5
10	21JU1A0110	11	6	5	12	10	5	14	11	5	11	7	5
11	21JU1A0111	10	5	5	10	4	5	13	6	5	9	7	5
12	21JU1A0112	12	6	5	14	7	5	13	6	5	13	5	5
13	21JU1A0113	5	2	5	8	4	5	8	7	5	4	8	5
14	21JU1A0114	8	5	5	10	8	5	10	7	5	8	7	5
15	21JU1A0115	9	7	5	12	10	5	13	9	5	15	7	5
16	21JU1A0116	6	5	5	10	11	5	11	5	5	8	3	5
17	21JU1A0117	12	4	5	8	11	5	12	7	5	10	9	5
18	21JU1A0118	11	5	5	10	9	5	15	8	5	15	7	5
19	21JU1A0119	7	6	5	14	7	5	13	3	5	12	7	5
20	21JU1A0120	6	2	5	8	7	5	14	4	5	10	4	5
21	21JU1A0121	14	5	5	8	9	5	13	10	5	13	7	5
22	21JU1A0122	13	4	5	AB	5	5	9	8	5	11	3	5
23	21JU1A0123	2	1	5	8	6	5	11	6	5	8	5	5
Signature of Faculty													

  
H.O.D

  
PRINCIPAL

S.NO	Roll No	M-I 1R201101			ENGLISH 1R201102			PPSC 1R201110			AC 1R201115		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A0401	8	3	5	12	8	5	12	5	5	AB	AB	5
2	21JU1A0402	2	2	5	8	11	5	10	6	5	6	3	5
3	21JU1A0403	15	5	5	15	10	5	13	13	5	14	4	5
4	21JU1A0404	10	8	5	15	13	5	12	7	5	14	6	5
5	21JU1A0405	0	6	5	13	16	5	10	8	5	8	6	5
6	21JU1A0406	6	6	5	10	6	5	10	9	5	8	7	5
7	21JU1A0407	2	4	5	15	6	5	9	4	5	6	2	5
8	21JU1A0408	6	11	5	14	11	5	11	3	5	6	8	5
9	21JU1A0409	12	3	5	13	7	5	10	7	5	6	7	5
10	21JU1A0410	2	6	5	10	7	5	10	2	5	8	2	5
11	21JU1A0411	3	9	5	15	9	5	13	6	5	10	7	5
12	21JU1A0412	6	8	5	11	3	5	14	3	5	5	11	5
13	21JU1A0413	0	4	5	8	5	5	5	8	5	7	6	5
14	21JU1A0414	3	4	5	12	6	5	10	4	5	7	3	5
15	21JU1A0415	7	9	5	13	8	5	10	10	5	7	6	5
16	21JU1A0416	1	4	5	11	3	5	11	3	5	6	5	5
17	21JU1A0417	5	2	5	15	10	5	11	6	5	7	5	5
18	21JU1A0418	7	9	5	13	9	5	13	6	5	6	8	5
19	21JU1A0419	0	5	5	14	8	5	8	7	5	5	8	5
20	21JU1A0420	6	2	5	13	5	5	12	8	5	6	7	5
21	21JU1A0421	4	9	5	15	7	5	13	4	5	10	7	5
22	21JU1A0422	12	2	5	15	10	5	11	3	5	5	8	5
23	21JU1A0423	10	8	5	13	11	5	9	7	5	AB	5	5
24	21JU1A0424	11	8	5	12	7	5	10	12	5	7	AB	5
25	21JU1A0425	7	5	5	14	11	5	11	8	5	6	6	5
26	21JU1A0426	10	12	5	15	6	5	14	8	5	10	8	5
27	21JU1A0427	6	5	5	12	9	5	10	10	5	8	4	5
28	21JU1A0428	6	4	5	13	14	5	11	9	5	5	9	5
29	21JU1A0429	7	5	5	13	11	5	12	8	5	9	12	5
30	21JU1A0430	15	12	5	15	4	5	12	11	5	11	8	5
31	21JU1A0431	12	5	5	10	10	5	9	5	5	11	6	5
32	21JU1A0432	3	6	5	13	6	5	7	6	5	7	9	5
33	21JU1A0433	AB	7	5	13	10	5	9	4	5	10	4	5
34	21JU1A0434	11	10	5	13	5	5	10	5	5	7	6	5



		M-I 1R201101			ENGLISH 1R201102			PPSC 1R201110			AC 1R201115		
35	21JU1A0435	5	6	5	12	8	5	10	5	5	6	7	5
36	21JU1A0436	2	2	5	12	8	5	5	8	5	4	5	5
37	21JU1A0437	8	7	5	12	7	5	12	6	5	4	5	5
38	21JU1A0438	6	4	5	13	4	5	9	8	5	7	6	5
39	21JU1A0439	11	7	5	12	5	5	8	10	5	5	8	5
40	21JU1A0440	8	3	5	13	6	5	11	3	5	7	6	5
41	21JU1A0441	1	5	5	11	2	5	9	6	5	4	3	5
42	21JU1A0442	1	10	5	12	7	5	4	2	5	3	8	5
43	21JU1A0443	0	3	5	10	7	5	3	8	5	2	11	5
44	21JU1A0444	2	7	5	12	11	5	2	6	5	4	4	5
45	21JU1A0445	9	7	5	13	8	5	11	6	5	9	11	5
46	21JU1A0446	6	7	5	12	14	5	7	4	5	5	6	5
47	21JU1A0447	10	12	5	15	10	5	11	10	5	8	12	5
48	21JU1A0448	10	2	5	14	9	5	10	7	5	6	3	5
49	21JU1A0449	9	8	5	13	11	5	10	6	5	4	3	5
50	21JU1A0450	8	4	5	14	10	5	8	3	5	3	5	5
51	21JU1A0451	6	7	5	10	8	5	6	8	5	2	10	5
52	21JU1A0452	5	6	5	12	9	5	5	4	5	5	3	5
53	21JU1A0453	3	5	5	13	6	5	6	6	5	3	2	5
54	21JU1A0454	1	4	5	11	2	5	5	5	5	5	7	5
55	21JU1A0455	12	8	5	15	11	5	13	7	5	11	6	5
56	21JU1A0456	15	5	5	14	8	5	13	4	5	10	6	5
57	21JU1A0457	7	10	5	13	5	5	6	5	5	5	6	5
58	21JU1A0458	3	5	5	15	7	5	6	4	5	4	9	5
59	21JU1A0459	10	8	5	13	2	5	11	8	5	9	7	5
60	21JU1A0460	5	4	5	15	11	5	11	5	5	8	2	5
61	21JU1A0461	6	6	5	10	6	5	8	1	5	7	7	5
62	21JU1A0462	2	4	5	10	7	5	7	7	5	3	7	5
63	21JU1A0463	10	8	5	13	12	5	14	13	5	9	6	5
64	21JU1A0464	10	8	5	15	10	5	11	5	5	7	6	5
65	21JU1A0465	9	1	5	13	12	5	11	9	5	9	5	5
Signature of Faculty													







H.O.D



PRINCIPAL



S.NO	Roll No	M-I 1R201101			ENGLISH 1R201102			PPSC 1R201110			AC 1R201115		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A0466	8	7	5	11	5	5	15	9	5	6	7	5
2	21JU1A0467	7	4	5	10	6	5	13	11	5	8	10	5
3	21JU1A0468	13	3	5	14	9	5	15	5	5	13	8	5
4	21JU1A0469	9	7	5	12	6	5	12	5	5	6	8	5
5	21JU1A0470	0	4	5	12	8	5	13	5	5	2	5	5
6	21JU1A0471	4	8	5	15	4	5	15	8	5	5	7	5
7	21JU1A0472	7	9	5	15	9	5	15	8	5	10	8	5
8	21JU1A0473	10	4	5	12	5	5	15	5	5	4	7	5
9	21JU1A0474	13	7	5	12	10	5	15	9	5	4	6	5
10	21JU1A0475	3	5	5	10	6	5	10	6	5	5	5	5
11	21JU1A0476	1	4	5	12	10	5	14	7	5	4	4	5
12	21JU1A0477	11	10	5	15	12	5	15	8	5	11	8	5
13	21JU1A0478	5	3	5	15	5	5	13	8	5	4	3	5
14	21JU1A0479	13	9	5	15	10	5	15	5	5	10	12	5
15	21JU1A0480	12	11	5	15	9	5	15	6	5	9	7	5
16	21JU1A0481	7	8	5	15	8	5	15	7	5	8	4	5
17	21JU1A0482	11	7	5	14	8	5	13	6	5	7	6	5
18	21JU1A0483	10	AB	5	15	AB	5	12	AB	5	7	AB	5
19	21JU1A0484	9	7	5	10	10	5	14	12	5	6	6	5
20	21JU1A0485	8	4	5	13	7	5	AB	7	5	5	5	5
21	21JU1A0486	14	5	5	12	5	5	12	4	5	6	5	5
22	21JU1A0487	9	11	5	12	8	5	13	6	5	4	6	5
23	21JU1A0488	5	4	5	12	8	5	13	2	5	4	7	5
24	21JU1A0489	7	4	5	14	7	5	13	8	5	6	6	5
25	21JU1A0490	10	6	5	14	9	5	15	7	5	6	8	5
26	21JU1A0491	8	3	5	10	9	5	11	11	5	4	4	5
27	21JU1A0492	8	6	5	13	7	5	12	3	5	3	6	5
28	21JU1A0493	11	9	5	14	7	5	13	7	5	3	6	5
29	21JU1A0494	10	8	5	13	10	5	15	10	5	5	3	5
30	21JU1A0495	11	5	5	14	3	5	11	4	5	4	5	5
31	21JU1A0496	5	4	5	15	7	5	15	6	5	4	9	5
32	21JU1A0497	10	5	5	13	4	5	12	3	5	3	7	5
33	21JU1A0498	8	5	5	14	11	5	15	9	5	3	6	5

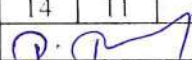
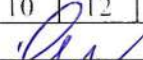
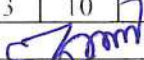

S.NO	Roll No	M-I 1R201101			ENGLISH 1R201102			PPSC 1R201110			AC 1R201115		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
34	21JU1A0499	9	8	5	14	12	5	15	4	5	3	4	5
35	21JU1A04A0	12	8	5	14	8	5	15	9	5	4	7	5
36	21JU1A04A1	8	9	5	10	12	5	15	4	5	5	7	5
37	21JU1A04A2	10	5	5	12	4	5	13	2	5	5	6	5
38	21JU1A04A3	9	3	5	12	10	5	15	9	5	5	5	5
39	21JU1A04A4	14	10	5	13	10	5	15	7	5	7	7	5
40	21JU1A04A5	9	8	5	12	8	5	15	2	5	2	6	5
41	21JU1A04A6	8	6	5	12	4	5	11	7	5	6	7	5
42	21JU1A04A7	8	9	5	12	3	5	11	4	5	5	8	5
43	21JU1A04A8	6	8	5	14	7	5	14	6	5	3	10	5
44	21JU1A04A9	5	2	5	13	6	5	14	6	5	5	3	5
45	21JU1A04B0	14	8	5	13	9	5	15	8	5	7	8	5
46	21JU1A04B1	11	8	5	13	14	5	15	7	5	5	6	5
47	21JU1A04B2	14	8	5	15	8	5	15	9	5	4	6	5
48	21JU1A04B3	8	5	5	14	7	5	12	3	5	2	5	5
49	21JU1A04B4	9	4	5	15	11	5	15	10	5	6	8	5
50	21JU1A04B5	11	9	5	13	11	5	13	6	5	3	8	5
51	21JU1A04B6	10	4	5	12	11	5	14	7	5	4	5	5
52	21JU1A04B7	14	11	5	12	9	5	15	3	5	8	7	5
53	21JU1A04B8	12	4	5	12	9	5	14	7	5	5	7	5
54	21JU1A04B9	10	8	5	12	8	5	14	7	5	3	6	5
Signature of Faculty													

  
H.O.D

  
PRINCIPAL



S.NO	Roll No	M-I 1R201101			ENGLISH 1R201102			PPSC 1R201110			AP 1R201117		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A0501	12	10	5	12	10	5	14	6	5	12	9	5
2	21JU1A0502	9	4	5	9	11	5	14	8	5	6	3	5
3	21JU1A0503	9	6	5	9	10	5	13	5	5	6	8	5
4	21JU1A0504	15	7	5	14	12	5	14	11	5	15	8	5
5	21JU1A0505	13	8	5	10	6	5	14	3	5	11	5	5
6	21JU1A0506	10	3	5	7	7	5	13	3	5	6	6	5
7	21JU1A0507	6	10	5	12	7	5	14	5	5	7	8	5
8	21JU1A0508	10	7	5	11	10	5	13	9	5	11	5	5
9	21JU1A0509	6	8	5	11	12	5	13	4	5	9	3	5
10	21JU1A0510	3	9	5	8	4	5	13	4	5	4	8	5
11	21JU1A0511	15	9	5	11	10	5	14	9	5	14	7	5
12	21JU1A0512	15	8	5	11	8	5	14	5	5	12	7	5
13	21JU1A0513	13	8	5	14	14	5	15	13	5	13	4	5
14	21JU1A0514	7	4	5	11	14	5	13	4	5	11	7	5
15	21JU1A0515	15	8	5	14	17	5	14	11	5	15	12	5
16	21JU1A0516	7	8	5	12	4	5	12	9	5	10	6	5
17	21JU1A0517	8	5	5	9	7	5	13	3	5	10	7	5
18	21JU1A0518	9	9	5	8	7	5	13	8	5	12	8	5
19	21JU1A0519	6	3	5	4	7	5	14	4	5	3	6	5
20	21JU1A0520	15	11	5	14	14	5	13	15	5	15	7	5
21	21JU1A0521	15	7	5	13	15	5	14	8	5	15	9	5
22	21JU1A0522	AB	AB	5	AB	AB	5	AB	AB	5	AB	AB	5
23	21JU1A0523	14	5	5	14	12	5	14	6	5	14	5	5
24	21JU1A0524	14	7	5	13	8	5	13	8	5	14	2	5
25	21JU1A0525	13	11	5	12	12	5	14	8	5	13	8	5
26	21JU1A0526	7	6	5	10	8	5	13	5	5	7	7	5
27	21JU1A0527	11	7	5	12	9	5	13	7	5	12	6	5
28	21JU1A0528	15	8	5	13	16	5	11	11	5	14	7	5
29	21JU1A0529	11	10	5	13	15	5	13	7	5	13	6	5
30	21JU1A0530	2	4	5	6	7	5	14	4	5	8	6	5
31	21JU1A0531	14	4	5	13	12	5	13	8	5	12	7	5
32	21JU1A0532	14	7	5	13	15	5	14	10	5	13	6	5
33	21JU1A0533	12	3	5	11	10	5	13	8	5	9	4	5
34	21JU1A0534	15	9	5	14	20	5	12	8	5	15	9	5

S.NO	Roll No	M-I 1R201101			ENGLISH 1R201102			PPSC 1R201110			AP 1R201117		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
35	21JU1A0535	15	8	5	13	18	5	13	9	5	14	11	5
36	21JU1A0536	14	4	5	12	14	5	14	10	5	12	8	5
37	21JU1A0537	13	10	5	11	0	5	14	5	5	13	7	5
38	21JU1A0538	10	12	5	12	9	5	13	7	5	12	8	5
39	21JU1A0539	5	6	5	12	3	5	12	9	5	8	9	5
40	21JU1A0540	6	5	5	10	11	5	13	8	5	6	7	5
41	21JU1A0541	7	5	5	9	6	5	13	5	5	7	2	5
42	21JU1A0542	6	5	5	9	3	5	14	7	5	6	7	5
43	21JU1A0543	6	8	5	11	9	5	14	9	5	14	6	5
44	21JU1A0544	7	7	5	13	13	5	11	10	5	13	8	5
45	21JU1A0545	11	8	5	13	5	5	13	7	5	14	9	5
46	21JU1A0546	2	6	5	12	8	5	11	2	5	21	10	5
47	21JU1A0547	8	10	5	10	7	5	12	3	5	2	4	5
48	21JU1A0548	9	6	5	14	17	5	13	1	5	12	9	5
49	21JU1A0549	13	4	5	13	17	5	13	8	5	7	8	5
50	21JU1A0550	15	7	5	13	20	5	12	5	5	14	10	5
51	21JU1A0551	3	2	5	10	5	5	13	8	5	9	5	5
52	21JU1A0552	7	5	5	10	8	5	14	10	5	12	7	5
53	21JU1A0553	2	4	5	10	4	5	0	3	5	5	7	5
54	21JU1A0554	13	6	5	12	13	5	14	9	5	10	4	5
55	21JU1A0555	14	8	5	13	9	5	13	4	5	10	8	5
56	21JU1A0556	AB	AB	5	AB	AB	5	AB	AB	5	AB	AB	5
57	21JU1A0557	7	7	5	10	9	5	13	8	5	9	8	5
58	21JU1A0558	13	10	5	14	12	5	14	2	5	14	10	5
59	21JU1A0559	10	8	5	12	11	5	14	4	5	9	7	5
60	21JU1A0560	12	5	5	13	9	5	13	5	5	12	5	5
61	21JU1A0561	11	6	5	12	14	5	12	7	5	13	7	5
62	21JU1A0562	12	7	5	12	8	5	11	5	5	9	5	5
63	21JU1A0563	15	4	5	12	11	5	13	5	5	12	3	5
64	21JU1A0564	10	8	5	12	0	5	14	5	5	10	5	5
65	21JU1A0565	15	10	5	12	12	5	14	14	5	14	8	5
66	21JU1A0566	14	11	5	10	12	5	13	10	5	14	6	5
Signature of Faculty													

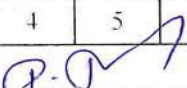
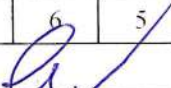


  
HOD

  
PRINCIPAL



S.NO	Roll No	M-I 1R201101			ENGLISH 1R201102			PPSC 1R201110			AP 1R201117		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A0567	15	7	5	14	13	5	14	5	5	12	9	5
2	21JU1A0568	14	8	5	12	12	5	14	5	5	13	6	5
3	21JU1A0569	5	2	5	10	10	5	13	1	5	11	8	5
4	21JU1A0570	6	6	5	11	10	5	13	2	5	13	7	5
5	21JU1A0571	7	5	5	9	5	5	13	9	5	8	5	5
6	21JU1A0572	8	7	5	14	16	5	14	8	5	8	9	5
7	21JU1A0573	12	6	5	14	15	5	14	9	5	14	8	5
8	21JU1A0574	15	5	5	13	6	5	13	6	5	15	6	5
9	21JU1A0575	13	5	5	12	7	5	12	15	5	9	5	5
10	21JU1A0576	12	3	5	10	6	5	13	5	5	7	4	5
11	21JU1A0577	13	10	5	13	1	5	14	9	5	11	10	5
12	21JU1A0578	14	9	5	15	14	5	14	8	5	13	10	5
13	21JU1A0579	7	5	5	10	7	5	12	5	5	7	5	5
14	21JU1A0580	10	AB	5	12	AB	5	14	AB	5	8	AB	5
15	21JU1A0581	12	5	5	13	6	5	13	6	5	13	8	5
16	21JU1A0582	12	6	5	8	6	5	13	6	5	7	3	5
17	21JU1A0583	15	9	5	14	13	5	14	6	5	15	8	5
18	21JU1A0584	8	5	5	6	4	5	12	4	5	6	2	5
19	21JU1A0585	15	13	5	14	15	5	13	10	5	15	4	5
20	21JU1A0586	8	8	5	10	5	5	11	4	5	8	4	5
21	21JU1A0587	15	8	5	13	18	5	14	12	5	15	4	5
22	21JU1A0588	15	5	5	15	19	5	14	17	5	15	9	5
23	21JU1A0589	9	7	5	9	4	5	14	6	5	7	7	5
24	21JU1A0590	10	6	5	12	16	5	13	6	5	9	10	5
25	21JU1A0591	10	4	5	11	14	5	14	6	5	9	6	5
26	21JU1A0592	7	8	5	10	10	5	13	4	5	4	10	5
27	21JU1A0593	8	5	5	11	4	4	5	3	5	2	7	5
28	21JU1A0594	12	4	5	14	17	5	13	12	5	9	5	5
29	21JU1A0595	14	9	5	12	14	5	14	5	5	13	5	5
30	21JU1A0596	14	8	5	15	19	5	14	13	5	15	8	5
31	21JU1A0597	14	7	5	15	10	5	13	2	5	11	10	5
32	21JU1A0598	10	8	5	11	8	5	14	7	5	12	5	5
33	21JU1A0599	15	9	5	13	18	5	13	9	5	15	11	5
34	21JU1A05A0	15	10	5	14	12	5	14	5	5	14	10	5



S.NO	Roll No	M-I 1R201101			ENGLISH 1R201102			PPSC 1R201110			AP 1R201117		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
35	21JU1A05A1	5	7	5	8	5	4	11	4	5	13	7	5
36	21JU1A05A2	15	7	5	13	10	5	13	8	5	15	7	5
37	21JU1A05A3	4	3	5	13	12	5	14	7	5	4	7	5
38	21JU1A05A4	5	10	5	11	8	5	14	3	5	4	4	5
39	21JU1A05A5	5	6	5	12	9	5	12	7	5	7	5	5
40	21JU1A05A6	6	6	5	11	9	5	13	7	5	6	8	5
41	21JU1A05A7	14	10	5	13	16	5	14	7	5	13	4	5
42	21JU1A05A8	4	4	5	10	5	5	14	7	5	2	2	5
43	21JU1A05A9	AB	AB	5	AB	AB	5	AB	AB	5	AB	AB	5
44	21JU1A05B0	5	7	5	8	10	5	13	4	5	9	3	5
45	21JU1A05B1	7	6	5	10	11	5	11	6	5	6	6	5
46	21JU1A05B2	13	5	5	13	17	5	13	8	5	14	6	5
47	21JU1A05B3	12	5	5	12	8	5	12	7	5	15	2	5
48	21JU1A05B4	6	3	5	10	5	5	13	1	5	3	9	5
49	21JU1A05B5	15	5	5	13	7	5	11	7	5	15	6	5
50	21JU1A05B6	8	7	5	11	10	5	14	2	5	8	5	5
51	21JU1A05B7	6	9	5	12	5	5	12	7	5	6	6	5
52	21JU1A05B8	15	8	5	12	7	5	14	9	5	15	5	5
53	21JU1A05B9	12	8	5	13	13	5	13	10	5	10	9	5
54	21JU1A05C0	8	5	5	12	11	5	14	4	5	9	5	5
55	21JU1A05C1	7	7	5	12	8	5	13	5	5	10	8	5
56	21JU1A05C2	14	10	5	10	14	5	14	3	5	9	12	5
57	21JU1A05C3	3	4	5	10	10	5	13	7	5	6	4	5
58	21JU1A05C4	2	8	5	12	7	5	13	2	5	4	5	5
59	21JU1A05C5	12	9	5	11	11	5	14	6	5	15	8	5
60	21JU1A05C6	15	8	5	14	15	5	13	9	5	14	5	5
61	21JU1A05C7	13	6	5	15	18	5	14	6	5	14	3	5
62	21JU1A05C8	3	5	5	9	20	5	13	5	5	3	6	5
63	21JU1A05C9	13	8	5	11	6	5	13	6	5	12	5	5
64	21JU1A05D0	4	1	5	12	6	5	14	8	5	8	7	5
65	21JU1A05D1	15	6	5	14	9	5	12	4	5	14	4	5
66	21JU1A05D2	4	5	5	11	6	5	13	6	5	6	11	5
Signature of Faculty													

  
H.O.D

  
PRINCIPAL

S.NO	Roll No	M-I 1R201101			ENGLISH 1R201102			PPSC 1R201110			AP 1R201117		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A05D3	8	6	5	15	AB	5	12	5	5	13	5	5
2	21JU1A05D4	4	2	5	14	7	5	12	2	5	12	5	5
3	21JU1A05D5	15	9	5	14	10	5	11	12	5	14	9	5
4	21JU1A05D6	14	11	5	15	17	5	14	18	5	15	9	5
5	21JU1A05D7	11	2	5	12	6	5	11	5	5	12	7	5
6	21JU1A05D8	4	4	5	13	7	5	12	3	5	12	7	5
7	21JU1A05D9	7	6	5	13	4	5	11	8	5	13	10	5
8	21JU1A05E0	8	8	5	15	10	5	11	5	5	12	5	5
9	21JU1A05E1	15	11	5	15	13	5	13	5	5	15	13	5
10	21JU1A05E2	6	6	5	12	9	5	12	4	5	13	11	5
11	21JU1A05E3	3	9	5	12	3	5	14	6	5	13	4	5
12	21JU1A05E4	14	5	5	15	10	5	14	5	5	15	9	5
13	21JU1A05E5	14	15	5	15	11	5	15	15	5	15	14	5
14	21JU1A05E6	8	1	5	15	7	5	14	5	5	15	4	5
15	21JU1A05E7	10	5	5	13	7	5	13	3	5	12	7	5
16	21JU1A05E8	8	9	5	14	4	5	13	5	5	14	6	5
17	21JU1A05E9	14	9	5	15	14	5	14	8	5	15	7	5
18	21JU1A05F0	14	7	5	15	9	5	12	5	5	15	4	5
19	21JU1A05F1	13	4	5	14	15	5	15	11	5	15	12	5
20	21JU1A05F2	8	5	5	14	9	5	12	7	5	14	6	5
21	21JU1A05F3	12	6	5	13	7	5	11	5	5	15	9	5
22	21JU1A05F4	13	6	5	13	12	5	12	6	5	14	9	5
23	21JU1A05F5	15	7	5	14	9	5	12	7	5	15	9	5
24	21JU1A05F6	8	5	5	13	3	5	14	0	5	13	8	5
25	21JU1A05F7	13	6	5	15	9	5	13	6	5	15	10	5
26	21JU1A05F8	13	9	5	14	12	5	14	5	5	15	6	5
27	21JU1A05F9	14	11	5	15	16	5	13	10	5	14	7	5
28	21JU1A05G0	13	4	5	15	15	5	14	3	5	15	10	5
29	21JU1A05G1	11	4	5	14	10	5	12	10	5	12	10	5
30	21JU1A05G2	4	7	5	14	9	5	11	8	5	12	8	5
31	21JU1A05G3	8	1	5	15	8	5	11	5	5	14	3	5
32	21JU1A05G4	15	6	5	15	10	5	12	5	5	14	2	5

*Signature*







33	21JU1A05G5	12	7	5	15	11	5	13	10	5	14	7	5
34	21JU1A05G6	12	7	5	14	13	5	11	5	5	15	8	5
35	21JU1A05G7	14	5	5	13	12	5	13	8	5	15	8	5
36	21JU1A05G8	15	7	5	15	15	5	13	9	5	15	8	5
37	21JU1A05G9	14	5	5	15	6	5	12	10	5	14	6	5
38	21JU1A05H0	11	2	5	14	7	5	11	7	5	14	5	5
39	21JU1A05H1	9	4	5	14	8	5	11	7	5	13	5	5
40	21JU1A05H2	15	8	5	15	13	5	14	3	5	14	12	5
41	21JU1A05H3	15	7	5	15	12	5	15	4	5	15	10	5
42	21JU1A05H4	6	5	5	11	5	5	12	5	5	13	4	5
43	21JU1A05H5	5	8	5	11	7	5	11	7	5	13	6	5
44	21JU1A05H6	13	12	5	13	6	5	13	4	5	14	10	5
45	21JU1A05H7	14	8	5	15	18	5	13	3	5	15	9	5
46	21JU1A05H8	12	6	5	12	8	5	13	8	5	13	11	5
47	21JU1A05H9	13	6	5	15	8	5	13	6	5	15	10	5
48	21JU1A05I0	11	10	5	12	6	5	13	5	5	15	8	5
49	21JU1A05I1	13	3	5	15	11	5	14	10	5	14	3	5
50	21JU1A05I2	13	1	5	10	2	5	11	5	5	10	4	5
51	21JU1A05I3	13	5	5	12	7	5	11	4	5	14	9	5
52	21JU1A05I4	5	4	5	12	9	5	14	7	5	10	12	5
53	21JU1A05I5	7	6	5	15	8	5	14	4	5	10	5	5
54	21JU1A05I6	6	3	5	11	4	5	12	7	5	12	8	5
55	21JU1A05I7	2	5	5	10	4	5	12	4	5	10	AB	5
56	21JU1A05I8	12	10	5	12	5	5	14	6	5	15	5	5
57	21JU1A05I9	4	6	5	12	7	5	12	4	5	13	6	5
58	21JU1A05J1	5	3	5	13	8	5	12	6	5	15	7	5
59	21JU1A05J2	5	4	5	11	7	5	11	3	5	12	10	5
60	21JU1A05J3	11	11	5	12	7	5	13	4	5	14	6	5
61	21JU1A05J4	5	5	5	9	4	5	12	9	5	10	6	5
62	21JU1A05J5	14	8	5	13	7	5	12	7	5	15	5	5
63	21JU1A05J6	15	12	5	13	12	5	14	8	5	15	12	5
64	21JU1A05J7	12	7	5	14	13	5	15	6	5	14	3	5
65	21JU1A05J8	8	4	5	11	3	5	15	6	5	14	8	5
Signature of Faculty		<del>Signature</del>			Signature			Signature			Signature		

H.O.D

PRINCIPAL

S.NO	Roll No	R201115 A CHEMISTRY			R201102 ENGLISH			R201110 PPSC			R201101 M- I		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A6101	8	10	5	11	10	5	13	2	5	12	5	5
2	21JU1A6102	8	5	5	13	7	5	13	4	5	12	9	5
3	21JU1A6103	10	11	5	14	11	5	13	9	5	12	6	5
4	21JU1A6104	8	5	5	13	6	5	13	5	5	11	4	5
5	21JU1A6105	13	5	5	14	12	5	15	10	5	13	9	5
6	21JU1A6106	12	7	5	14	14	5	14	6	5	11	4	5
7	21JU1A6107	10	11	5	14	10	5	14	6	5	11	7	5
8	21JU1A6108	11	10	5	13	15	5	15	7	5	14	6	5
9	21JU1A6109	8	5	5	13	6	5	13	3	5	8	4	5
10	21JU1A6110	8	6	5	11	4	5	13	7	5	8	5	5
11	21JU1A6111	9	6	5	15	9	5	15	6	5	12	4	5
12	21JU1A6112	9	7	5	15	9	5	15	8	5	7	4	5
13	21JU1A6113	12	4	5	15	14	5	15	4	5	15	6	5
14	21JU1A6114	13	6	5	15	11	5	15	4	5	11	7	5
15	21JU1A6115	12	10	5	15	10	5	15	11	5	12	12	5
16	21JU1A6116	15	14	5	15	10	5	15	9	5	12	16	5
17	21JU1A6117	8	7	5	13	9	5	13	5	5	8	3	5
18	21JU1A6118	10	6	5	11	6	5	13	5	5	7	4	5
19	21JU1A6119	14	11	5	15	9	5	15	4	5	13	7	5
20	21JU1A6120	14	8	5	15	13	5	15	6	5	12	6	5
21	21JU1A6121	7	6	5	13	8	5	13	8	5	11	8	5
22	21JU1A6122	12	6	5	14	17	5	15	4	5	6	3	5
23	21JU1A6123	8	7	5	14	6	5	13	2	5	10	7	5
24	21JU1A6124	9	9	5	14	9	5	14	9	5	9	5	5
25	21JU1A6125	8	11	5	13	12	5	13	7	5	11	4	5
26	21JU1A6126	11	5	5	14	8	5	15	5	5	9	6	5
27	21JU1A6127	13	3	5	15	13	5	15	6	5	12	7	5
28	21JU1A6128	13	5	5	14	9	5	14	6	5	8	4	5
29	21JU1A6129	14	4	5	15	15	5	15	6	5	14	4	5
30	21JU1A6130	12	2	5	14	7	5	14	6	5	14	4	5
31	21JU1A6131	8	7	5	11	8	5	13	5	5	9	4	5
32	21JU1A6132	14	9	5	15	13	5	15	7	5	14	11	5
33	21JU1A6133	14	8	5	15	15	5	15	9	5	13	6	5
34	21JU1A6134	14	7	5	15	14	5	15	8	5	13	10	5
35	21JU1A6135	11	4	5	13	8	5	14	6	5	10	4	5
36	21JU1A6136	8	9	5	14	9	5	13	7	5	12	4	5
37	21JU1A6137	9	3	5	12	10	5	13	7	5	10	4	5
38	21JU1A6138	7	7	5	14	8	5	13	6	5	8	4	5



S.NO	Roll No	R201115 A CHEMISTRY			R201102 ENGLISH			R201110 PPSC			R201101 M- I		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
39	21JU1A6139	8	5	5	14	5	5	13	7	5	11	4	5
40	21JU1A6140	9	1	5	13	8	5	12	3	5	8	9	5
41	21JU1A6141	12	2	5	15	11	5	14	5	5	11	6	5
42	21JU1A6142	12	7	5	15	10	5	14	8	5	14	9	5
43	21JU1A6143	12	7	5	15	14	5	13	8	5	13	9	5
44	21JU1A6144	13	10	5	14	12	5	15	9	5	12	10	5
45	21JU1A6145	8	8	5	13	9	5	13	5	5	10	4	5
46	21JU1A6146	11	5	5	14	15	5	14	6	5	11	5	5
47	21JU1A6147	8	7	5	12	11	5	13	4	5	8	5	5
48	21JU1A6148	3	6	5	14	7	5	12	5	5	4	4	5
49	21JU1A6149	8	7	5	14	10	5	14	3	5	8	9	5
50	21JU1A6150	6	5	5	13	12	5	14	7	5	7	10	5
51	21JU1A6151	14	8	5	15	13	5	15	7	5	8	5	5
52	21JU1A6152	12	4	5	15	10	5	13	6	5	6	7	5
53	21JU1A6153	12	11	5	15	13	5	15	10	5	13	7	5
54	21JU1A6154	8	4	5	14	5	5	14	5	5	6	7	5
55	21JU1A6155	9	7	5	14	9	5	15	11	5	14	10	5
56	21JU1A6156	13	11	5	15	9	5	15	6	5	14	5	5
57	21JU1A6157	14	12	5	15	15	5	15	5	5	12	8	5
58	21JU1A6158	12	9	5	12	9	5	14	3	5	12	4	5
59	21JU1A6159	10	5	5	12	10	5	13	6	5	8	5	5
60	21JU1A6160	13	9	5	15	10	5	15	7	5	12	4	5
61	21JU1A6161	12	8	5	15	12	5	15	7	5	11	5	5
62	21JU1A6162	9	7	5	12	7	5	13	5	5	9	3	5
63	21JU1A6163	9	5	5	11	7	5	12	3	5	8	4	5
64	21JU1A6164	7	1	5	12	6	5	14	5	5	12	4	5
65	21JU1A6165	8	5	5	13	7	5	13	7	5	8	6	5
66	21JU1A6166	5	11	5	12	10	5	14	6	5	7	3	5
Signature of Faculty													

  
H.O.D

  
PRINCIPAL



**Krishnachaitanya Institute of Technology and Sciences :: Markapur**

CLASS: I-B.TECH, I Sem

II-MID MARKS




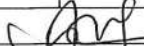
BRANCH: CE

S.NO	Roll No	M-I 1R201101			ENGLISH 1R201102			EP 1R201103			EG 1R201105		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A0101	12	6	5	10	6	5	8	6	5	9	7	5
2	21JU1A0102	10	3	5	10	2	5	10	5	5	9	4	5
3	21JU1A0103	13	8	5	14	5	5	11	5	5	9	3	5
4	21JU1A0104	13	AB	5	14	5	5	14	5	5	14	4	5
5	21JU1A0105	14	4	5	15	5	5	15	10	5	13	5	5
6	21JU1A0106	14	7	5	12	12	5	15	7	5	13	2	5
7	21JU1A0107	7	7	5	12	5	5	9	2	5	13	4	5
8	21JU1A0108	11	5	5	15	3	5	11	3	5	14	8	5
9	21JU1A0109	8	2	5	10	7	5	11	5	5	10	2	5
10	21JU1A0110	13	5	5	12	9	5	11	11	5	13	5	5
11	21JU1A0111	13	4	5	12	7	5	10	5	5	12	4	5
12	21JU1A0112	9	6	5	15	7	5	11	4	5	11	5	5
13	21JU1A0113	7	5	5	12	6	5	10	3	5	10	6	5
14	21JU1A0114	8	4	5	14	7	5	12	2	5	10	9	5
15	21JU1A0115	13	7	5	15	11	5	12	8	5	13	5	5
16	21JU1A0116	10	5	5	10	5	5	10	4	5	8	4	5
17	21JU1A0117	15	4	5	12	10	5	11	6	5	9	5	5
18	21JU1A0118	13	4	5	14	9	5	12	12	5	11	5	5
19	21JU1A0119	9	3	5	15	5	5	13	4	5	10	5	5
20	21JU1A0120	1	5	5	13	5	5	12	7	5	9	4	5
21	21JU1A0121	13	6	5	15	8	5	14	4	5	11	4	5
22	21JU1A0122	12	7	5	15	6	5	12	5	5	10	2	5
23	21JU1A0123	9	5	5	13	3	5	10	5	5	9	4	5
Signature of Faculty		<i>AK</i>			<i>G</i>			<i>RSP</i>			<i>R</i>		

*PPM*  
H.O.D

*W*  
PRINCIPAL

S.NO	Roll No	M-I IR201101			ENGLISH IR201102			PPSC IR201110			AC IR201115		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A0401	15	6	5	15	9	5	11	8	5	12	8	5
2	21JU1A0402	14	4	5	10	8	5	10	4	5	8	5	5
3	21JU1A0403	15	4	5	15	9	5	14	3	5	14	6	5
4	21JU1A0404	13	7	5	15	10	5	14	8	5	13	5	5
5	21JU1A0405	11	6	5	12	7	5	10	7	5	8	8	5
6	21JU1A0406	12	6	5	8	4	5	11	4	5	AB	AB	5
7	21JU1A0407	11	4	5	15	5	5	12	6	5	9	4	5
8	21JU1A0408	13	5	5	14	8	5	12	5	5	9	5	5
9	21JU1A0409	15	5	5	15	8	5	10	4	5	8	6	5
10	21JU1A0410	10	8	5	8	2	5	8	4	5	5	6	5
11	21JU1A0411	11	3	5	15	7	5	13	3	5	6	5	5
12	21JU1A0412	13	6	5	15	6	5	11	5	5	10	7	5
13	21JU1A0413	10	7	5	11	6	5	9	4	5	4	4	5
14	21JU1A0414	11	3	5	10	6	5	11	7	5	7	4	5
15	21JU1A0415	13	6	5	15	5	5	14	5	5	14	2	5
16	21JU1A0416	11	3	5	10	5	5	11	5	5	7	8	5
17	21JU1A0417	12	4	5	12	8	5	12	8	5	5	6	5
18	21JU1A0418	12	3	5	15	5	5	14	6	5	12	7	5
19	21JU1A0419	11	4	5	12	6	5	8	5	5	7	5	5
20	21JU1A0420	12	3	5	13	6	5	13	1	5	7	3	5
21	21JU1A0421	11	3	5	15	6	5	12	6	5	13	6	5
22	21JU1A0422	15	5	5	14	9	5	14	8	5	7	10	5
23	21JU1A0423	14	5	5	AB	AB	5	7	4	5	7	8	5
24	21JU1A0424	14	8	5	15	8	5	8	7	5	11	9	5
25	21JU1A0425	12	6	5	14	10	5	13	8	5	10	8	5
26	21JU1A0426	11	5	5	14	9	5	15	5	5	5	10	5
27	21JU1A0427	12	5	5	14	13	5	8	6	5	5	8	5
28	21JU1A0428	13	5	5	15	16	5	11	5	5	8	5	5
29	21JU1A0429	13	4	5	15	13	5	10	7	5	8	7	5
30	21JU1A0430	15	6	5	15	7	5	10	8	5	9	8	5
31	21JU1A0431	15	4	5	15	6	5	10	4	5	13	5	5
32	21JU1A0432	12	4	5	15	6	5	5	4	5	8	4	5
33	21JU1A0433	12	4	5	13	10	5	7	3	5	11	7	5
34	21JU1A0434	15	4	5	11	9	5	10	3	5	9	6	5




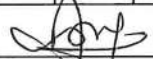
		M-I IR201101			ENGLISH IR201102			PPSC IR201110			AC IR201115		
35	21JU1A0435	12	6	5	13	7	5	9	9	5	12	5	5
36	21JU1A0436	11	8	5	10	5	5	5	7	5	7	6	5
37	21JU1A0437	14	6	5	14	5	5	7	6	5	12	1	5
38	21JU1A0438	12	3	5	15	3	5	9	7	5	9	4	5
39	21JU1A0439	15	6	5	12	8	5	9	4	5	8	7	5
40	21JU1A0440	13	7	5	14	4	5	9	8	5	10	2	5
41	21JU1A0441	11	8	5	13	4	5	6	8	5	7	6	5
42	21JU1A0442	12	4	5	11	7	5	1	5	5	7	6	5
43	21JU1A0443	11	4	5	10	4	5	3	3	5	6	10	5
44	21JU1A0444	13	3	5	14	7	5	6	5	5	6	4	5
45	21JU1A0445	14	11	5	14	7	5	12	15	5	11	7	5
46	21JU1A0446	13	2	5	15	5	5	7	6	5	7	6	5
47	21JU1A0447	14	9	5	15	6	5	10	9	5	12	8	5
48	21JU1A0448	14	3	5	15	6	5	10	6	5	10	4	5
49	21JU1A0449	13	5	5	14	8	5	7	6	5	8	10	5
50	21JU1A0450	4	5	5	15	4	5	6	5	5	7	5	5
51	21JU1A0451	4	7	5	11	7	5	7	9	5	6	4	5
52	21JU1A0452	7	4	5	11	6	5	7	6	5	9	5	5
53	21JU1A0453	9	4	5	12	6	5	5	9	5	7	1	5
54	21JU1A0454	10	6	5	15	4	5	7	7	5	7	6	5
55	21JU1A0455	15	10	5	15	6	5	8	8	5	11	6	5
56	21JU1A0456	15	6	5	15	9	5	13	5	5	11	10	5
57	21JU1A0457	14	7	5	15	9	5	9	7	5	8	3	5
58	21JU1A0458	10	10	5	15	9	5	6	4	5	8	1	5
59	21JU1A0459	14	3	5	15	6	5	7	4	5	5	5	5
60	21JU1A0460	12	6	5	15	7	5	8	3	5	5	2	5
61	21JU1A0461	11	5	5	11	7	5	5	3	5	1	5	5
62	21JU1A0462	11	6	5	13	6	5	6	10	5	7	4	5
63	21JU1A0463	14	11	5	13	13	5	11	6	5	12	9	5
64	21JU1A0464	14	9	5	15	12	5	9	10	5	11	13	5
65	21JU1A0465	13	7	5	14	6	5	10	5	5	3	7	5
Signature of Faculty													

  
H.O.D

  
PRINCIPAL



S.NO	Roll No	M-I 1R201101			ENGLISH 1R201102			PPSC 1R201110			AC 1R201115		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A0466	10	10	5	14	8	5	14	8	5	10	11	5
2	21JU1A0467	6	7	5	11	7	5	12	8	5	8	9	5
3	21JU1A0468	14	4	5	15	AB	5	15	5	5	9	10	5
4	21JU1A0469	10	12	5	15	11	5	15	5	5	8	2	5
5	21JU1A0470	10	8	5	12	9	5	13	2	5	6	9	5
6	21JU1A0471	13	6	5	13	6	5	13	8	5	8	7	5
7	21JU1A0472	15	8	5	15	7	5	15	5	5	14	11	5
8	21JU1A0473	15	10	5	15	10	5	14	7	5	9	10	5
9	21JU1A0474	14	11	5	15	2	5	15	8	5	12	9	5
10	21JU1A0475	10	4	5	10	5	5	12	5	5	8	5	5
11	21JU1A0476	13	5	5	10	8	5	12	8	5	10	7	5
12	21JU1A0477	13	8	5	15	9	5	14	6	5	12	7	5
13	21JU1A0478	14	7	5	15	5	5	13	6	5	11	5	5
14	21JU1A0479	15	9	5	15	11	5	15	6	5	10	6	5
15	21JU1A0480	15	6	5	15	4	5	15	4	5	10	2	5
16	21JU1A0481	14	7	5	15	5	5	11	6	5	9	6	5
17	21JU1A0482	14	6	5	15	0	5	13	4	5	9	6	5
18	21JU1A0483	12	AB	5	13	AB	5	12	AB	5	10	8	5
19	21JU1A0484	14	11	5	12	5	5	14	7	5	10	4	5
20	21JU1A0485	AB	AB	5	14	7	5	AB	AB	5	AB	AB	5
21	21JU1A0486	14	6	5	14	5	5	12	2	5	9	4	5
22	21JU1A0487	14	AB	5	12	8	5	13	AB	5	8	7	5
23	21JU1A0488	10	3	5	15	4	5	12	4	5	7	5	5
24	21JU1A0489	14	7	5	14	8	5	10	5	5	10	10	5
25	21JU1A0490	15	6	5	14	7	5	14	9	5	11	7	5
26	21JU1A0491	13	6	5	13	8	5	14	7	5	9	4	5
27	21JU1A0492	14	5	5	15	5	5	14	7	5	8	3	5
28	21JU1A0493	15	8	5	12	4	5	14	3	5	9	8	5
29	21JU1A0494	13	7	5	14	8	5	13	5	5	8	4	5
30	21JU1A0495	10	5	5	13	4	5	12	5	5	9	7	5
31	21JU1A0496	10	1	5	15	5	5	13	6	5	13	4	5
32	21JU1A0497	13	3	5	10	2	5	13	6	5	8	5	5
33	21JU1A0498	10	8	5	14	7	5	14	8	5	7	5	5

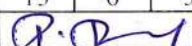
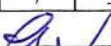
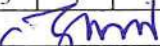

S.NO	Roll No	M-I 1R201101			ENGLISH 1R201102			PPSC 1R201110			AC 1R201115		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
34	21JU1A0499	8	6	5	15	8	5	14	4	5	7	8	5
35	21JU1A04A0	13	10	5	13	9	5	15	3	5	8	5	5
36	21JU1A04A1	9	4	5	13	6	5	12	1	5	9	4	5
37	21JU1A04A2	9	4	5	13	2	5	13	4	5	8	3	5
38	21JU1A04A3	12	4	5	14	8	5	14	6	5	10	8	5
39	21JU1A04A4	14	9	5	15	5	5	14	9	5	11	10	5
40	21JU1A04A5	15	6	5	13	5	5	14	6	5	7	7	5
41	21JU1A04A6	11	9	5	12	7	5	12	4	5	8	7	5
42	21JU1A04A7	13	5	5	12	4	5	12	6	5	8	5	5
43	21JU1A04A8	15	3	5	14	8	5	13	7	5	11	7	5
44	21JU1A04A9	7	6	5	12	9	5	15	6	5	8	5	5
45	21JU1A04B0	15	7	5	14	7	5	15	5	5	9	5	5
46	21JU1A04B1	15	6	5	13	8	5	15	11	5	10	10	5
47	21JU1A04B2	12	3	5	14	0	5	13	5	5	8	3	5
48	21JU1A04B3	12	4	5	13	3	5	13	5	5	8	7	5
49	21JU1A04B4	13	6	5	15	6	5	15	8	5	9	6	5
50	21JU1A04B5	12	9	5	14	7	5	13	1	5	8	7	5
51	21JU1A04B6	13	9	5	14	6	5	15	8	5	9	6	5
52	21JU1A04B7	15	8	5	15	8	5	15	10	5	11	7	5
53	21JU1A04B8	10	4	5	15	6	5	13	6	5	10	5	5
54	21JU1A04B9	13	6	5	14	4	5	13	12	5	9	6	5
Signature of Faculty													

  
H.O.D.

  
PRINCIPAL



S.NO	Roll No	M-I 1R201101			ENGLISH 1R201102			PPSC 1R201110			AP 1R201117		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A0501	14	8	5	12	14	5	13	9	5	11	8	5
2	21JU1A0502	12	7	5	9	13	5	12	6	5	5	8	5
3	21JU1A0503	13	7	5	11	4	5	14	4	5	6	6	5
4	21JU1A0504	15	6	5	13	12	5	15	4	5	14	7	5
5	21JU1A0505	15	8	5	11	5	5	13	3	5	11	4	5
6	21JU1A0506	12	2	5	9	5	5	14	5	5	5	3	5
7	21JU1A0507	12	3	5	10	7	5	13	7	5	8	6	5
8	21JU1A0508	13	5	5	11	11	5	14	5	5	11	10	5
9	21JU1A0509	11	6	5	12	9	5	15	9	5	8	5	5
10	21JU1A0510	10	6	5	8	4	5	14	1	5	5	7	5
11	21JU1A0511	15	11	5	12	9	5	13	6	5	13	9	5
12	21JU1A0512	15	7	5	11	7	5	13	5	5	10	8	5
13	21JU1A0513	15	10	5	11	11	5	14	7	5	14	5	5
14	21JU1A0514	11	6	5	14	11	5	15	8	5	14	8	5
15	21JU1A0515	15	6	5	15	12	5	13	5	5	15	9	5
16	21JU1A0516	12	5	5	11	10	5	14	5	5	11	2	5
17	21JU1A0517	13	6	5	9	6	5	14	3	5	7	5	5
18	21JU1A0518	13	4	5	11	7	5	12	7	5	9	6	5
19	21JU1A0519	21	6	5	8	5	5	15	3	5	3	1	5
20	21JU1A0520	15	7	5	15	14	5	12	9	5	14	8	5
21	21JU1A0521	15	12	5	14	10	5	15	6	5	14	13	5
22	21JU1A0522	12	6	5	10	7	5	12	AB	5	AB	AB	5
23	21JU1A0523	15	6	5	13	7	5	14	5	5	14	7	5
24	21JU1A0524	15	5	5	11	10	5	13	8	5	13	8	5
25	21JU1A0525	14	9	5	12	11	5	12	6	5	12	2	5
26	21JU1A0526	12	4	5	9	7	5	15	6	5	7	7	5
27	21JU1A0527	14	7	5	14	6	5	14	7	5	14	6	5
28	21JU1A0528	15	9	5	14	18	5	14	8	5	14	8	5
29	21JU1A0529	14	5	5	13	9	5	13	7	5	13	2	5
30	21JU1A0530	11	7	5	12	6	5	15	8	5	9	4	5
31	21JU1A0531	15	9	5	14	13	5	14	8	5	13	4	5
32	21JU1A0532	15	4	5	14	11	5	13	3	5	13	6	5
33	21JU1A0533	14	6	5	13	9	5	15	4	5	8	7	5
34	21JU1A0534	15	7	5	15	14	5	14	9	5	15	6	5

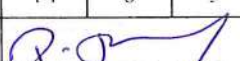

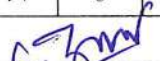

S.NO	Roll No	M-I 1R201101			ENGLISH 1R201102			PPSC 1R201110			AP 1R201117		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
35	21JU1A0535	15	11	5	15	11	5	15	6	5	14	6	5
36	21JU1A0536	15	5	5	13	8	5	13	6	5	14	4	5
37	21JU1A0537	14	4	5	14	8	5	14	2	5	12	2	5
38	21JU1A0538	12	3	5	12	9	5	12	5	5	11	10	5
39	21JU1A0539	11	3	5	12	7	5	14	3	5	5	4	5
40	21JU1A0540	11	7	5	11	10	5	13	6	5	9	5	5
41	21JU1A0541	12	2	5	12	4	5	14	5	5	5	9	5
42	21JU1A0542	11	5	5	13	10	5	13	8	5	7	9	5
43	21JU1A0543	11	7	5	10	12	5	13	9	5	8	8	5
44	21JU1A0544	12	12	5	14	11	5	14	8	5	13	6	5
45	21JU1A0545	14	8	5	13	4	5	14	4	5	13	9	5
46	21JU1A0546	11	11	5	12	9	5	12	9	5	10	5	5
47	21JU1A0547	12	6	5	13	6	5	13	6	5	8	5	5
48	21JU1A0548	13	2	5	14	13	5	15	9	5	14	5	5
49	21JU1A0549	15	4	5	12	13	5	14	6	5	10	8	5
50	21JU1A0550	15	7	5	15	13	5	14	7	5	14	10	5
51	21JU1A0551	11	6	5	11	9	5	12	4	5	AB	7	5
52	21JU1A0552	12	8	5	11	9	5	13	7	5	9	5	5
53	21JU1A0553	11	6	5	7	5	5	14	11	5	6	5	5
54	21JU1A0554	14	6	5	9	8	5	13	9	5	13	5	5
55	21JU1A0555	15	8	5	10	11	5	14	6	5	14	6	5
56	21JU1A0556	AB	AB	5	AB	AB	5	AB	AB	5	AB	AB	5
57	21JU1A0557	11	5	5	10	9	5	14	7	5	11	6	5
58	21JU1A0558	15	8	5	15	11	5	13	7	5	13	6	5
59	21JU1A0559	13	6	5	14	6	5	15	6	5	10	6	5
60	21JU1A0560	12	7	5	11	13	5	14	3	5	9	7	5
61	21JU1A0561	12	8	5	13	6	5	14	7	5	13	10	5
62	21JU1A0562	14	5	5	13	8	5	12	7	5	11	6	5
63	21JU1A0563	15	6	5	12	9	5	12	6	5	10	5	5
64	21JU1A0564	12	4	5	13	5	5	13	5	5	11	7	5
65	21JU1A0565	15	9	5	10	10	5	12	6	5	15	4	5
66	21JU1A0566	15	6	5	11	7	5	13	4	5	14	9	5
Signature of Faculty													

  
H.O.D

  
PRINCIPAL



S.NO	Roll No	M-I 1R201101			ENGLISH 1R201102			PPSC 1R201110			AP 1R201117		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A0567	15	6	5	13	10	5	15	7	5	12	6	5
2	21JU1A0568	13	7	5	11	8	5	14	8	5	10	4	5
3	21JU1A0569	12	1	5	8	4	5	14	7	5	6	7	5
4	21JU1A0570	15	5	5	10	11	5	15	5	5	5	4	5
5	21JU1A0571	10	3	5	10	8	5	14	5	5	6	4	5
6	21JU1A0572	15	7	5	11	6	5	13	4	5	8	7	5
7	21JU1A0573	14	8	5	14	12	5	14	4	5	10	9	5
8	21JU1A0574	13	4	5	12	6	5	15	6	5	12	5	5
9	21JU1A0575	14	3	5	11	8	5	13	7	5	11	6	5
10	21JU1A0576	12	7	5	10	7	5	14	5	5	8	5	5
11	21JU1A0577	14	5	5	10	AB	5	13	8	5	7	9	5
12	21JU1A0578	15	3	5	14	9	5	13	6	5	10	9	5
13	21JU1A0579	10	6	5	7	12	5	14	5	5	8	7	5
14	21JU1A0580	13	7	5	8	12	5	13	7	5	7	3	5
15	21JU1A0581	14	8	5	9	7	5	14	7	5	8	9	5
16	21JU1A0582	14	6	5	9	4	5	15	5	5	11	9	5
17	21JU1A0583	15	8	5	14	8	5	13	6	5	14	6	5
18	21JU1A0584	8	4	5	8	2	5	14	7	5	7	4	5
19	21JU1A0585	14	6	5	14	14	5	15	6	5	13	8	5
20	21JU1A0586	14	4	5	8	2	4	14	4	5	8	7	5
21	21JU1A0587	15	8	5	14	11	5	13	3	5	15	9	5
22	21JU1A0588	15	7	5	14	13	5	15	6	5	15	10	5
23	21JU1A0589	5	2	5	8	7	5	12	5	5	6	6	5
24	21JU1A0590	10	8	5	10	7	5	14	5	5	6	8	5
25	21JU1A0591	15	7	5	11	3	5	13	3	5	6	3	5
26	21JU1A0592	8	5	5	9	9	5	15	4	5	6	9	5
27	21JU1A0593	5	8	5	9	4	4	12	4	5	4	5	5
28	21JU1A0594	14	AB	5	13	AB	5	15	2	5	9	7	5
29	21JU1A0595	13	1	5	7	8	5	13	6	5	6	4	5
30	21JU1A0596	15	6	5	14	15	5	13	9	5	13	8	5
31	21JU1A0597	14	3	5	14	9	5	15	5	5	10	7	5
32	21JU1A0598	14	7	5	12	7	5	13	5	5	10	6	5
33	21JU1A0599	15	12	5	13	9	5	14	4	5	14	6	5
34	21JU1A05A0	15	13	5	14	7	5	13	10	5	14	7	5

S.NO	Roll No	M-I 1R201101			ENGLISH 1R201102			PPSC 1R201110			AP 1R201117		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
35	21JU1A05A1	14	7	5	10	9	5	13	3	5	10	9	5
36	21JU1A05A2	15	9	5	9	10	5	15	2	5	14	2	5
37	21JU1A05A3	13	3	5	11	11	5	14	6	5	9	8	5
38	21JU1A05A4	13	6	5	7	5	5	13	6	5	7	3	5
39	21JU1A05A5	15	4	5	7	6	5	14	6	5	7	6	5
40	21JU1A05A6	15	8	5	9	8	5	15	1	5	6	7	5
41	21JU1A05A7	15	10	5	11	8	5	13	7	5	10	9	5
42	21JU1A05A8	14	3	5	9	6	5	13	3	5	4	6	5
43	21JU1A05A9	15	7	5	10	10	5	14	10	5	4	6	5
44	21JU1A05B0	8	4	5	10	4	5	15	7	5	6	4	5
45	21JU1A05B1	14	6	5	8	5	5	13	4	5	6	4	5
46	21JU1A05B2	15	13	5	14	9	5	15	6	5	13	5	5
47	21JU1A05B3	15	8	5	10	8	4	14	3	5	10	5	5
48	21JU1A05B4	14	3	5	12	7	5	14	2	5	5	5	5
49	21JU1A05B5	15	6	5	13	6	5	13	2	5	9	6	5
50	21JU1A05B6	14	5	5	10	7	5	13	5	5	9	5	5
51	21JU1A05B7	14	3	5	8	10	5	14	5	5	7	4	5
52	21JU1A05B8	15	4	5	14	11	5	13	5	5	13	6	5
53	21JU1A05B9	15	8	5	11	8	5	15	7	5	10	2	5
54	21JU1A05C0	15	2	5	12	10	5	13	2	5	5	4	5
55	21JU1A05C1	15	7	5	13	9	5	14	5	5	3	7	5
56	21JU1A05C2	14	11	5	7	9	5	13	10	5	6	7	5
57	21JU1A05C3	15	2	5	9	6	5	14	7	5	5	6	5
58	21JU1A05C4	14	5	5	10	2	5	14	1	5	8	4	5
59	21JU1A05C5	14	7	5	12	12	5	13	1	5	12	5	5
60	21JU1A05C6	15	9	5	14	11	5	15	2	5	12	5	5
61	21JU1A05C7	15	5	5	14	12	5	15	5	5	13	6	5
62	21JU1A05C8	10	5	5	9	5	4	14	4	5	8	5	5
63	21JU1A05C9	15	9	5	11	4	5	14	5	5	6	6	5
64	21JU1A05D0	15	4	5	12	9	5	13	6	5	9	6	5
65	21JU1A05D1	15	7	5	11	5	5	14	4	5	15	8	5
66	21JU1A05D2	14	6	5	13	5	4	14	6	5	10	6	5
Signature of Faculty													

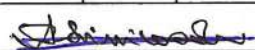


  
 B.O.D

  
 PRINCIPAL

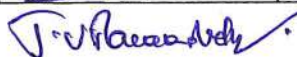


S.NO	Roll No	M-I 1R201101			ENGLISH 1R201102			PPSC 1R201110			AP 1R201117		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A05D3	13	6	5	15	8	5	14	5	5	15	7	5
2	21JU1A05D4	14	8	5	14	8	5	15	3	5	15	6	5
3	21JU1A05D5	14	6	5	14	11	5	14	7	5	15	5	5
4	21JU1A05D6	14	10	5	14	12	5	15	10	5	15	7	5
5	21JU1A05D7	11	7	5	11	9	5	14	7	5	14	8	5
6	21JU1A05D8	14	6	5	14	10	5	14	6	5	14	4	5
7	21JU1A05D9	11	7	5	11	4	5	14	8	5	13	10	5
8	21JU1A05E0	14	7	5	14	8	5	14	6	5	15	2	5
9	21JU1A05E1	15	7	5	15	9	5	15	2	5	15	7	5
10	21JU1A05E2	14	4	5	11	9	5	14	5	5	13	6	5
11	21JU1A05E3	11	5	5	14	6	5	15	AB	5	15	5	5
12	21JU1A05E4	15	5	5	14	10	5	15	5	5	15	6	5
13	21JU1A05E5	15	9	5	15	15	5	15	10	5	15	14	5
14	21JU1A05E6	15	7	5	14	6	5	14	5	5	15	2	5
15	21JU1A05E7	14	5	5	12	12	5	14	5	5	13	5	5
16	21JU1A05E8	14	2	5	14	9	5	14	4	5	15	8	5
17	21JU1A05E9	15	5	5	15	10	5	15	5	5	15	6	5
18	21JU1A05F0	15	6	5	14	11	5	14	4	5	15	5	5
19	21JU1A05F1	13	3	5	15	12	5	15	7	5	15	5	5
20	21JU1A05F2	12	3	5	11	10	5	14	4	5	15	4	5
21	21JU1A05F3	14	9	5	12	10	5	14	3	5	15	6	5
22	21JU1A05F4	14	9	5	13	9	5	15	6	5	15	4	5
23	21JU1A05F5	15	6	5	14	7	5	15	11	5	15	7	5
24	21JU1A05F6	7	3	5	10	7	5	15	6	5	13	8	5
25	21JU1A05F7	12	7	5	15	8	5	15	7	5	15	7	5
26	21JU1A05F8	15	4	5	14	14	5	15	3	5	15	7	5
27	21JU1A05F9	15	11	5	15	10	5	15	8	5	15	9	5
28	21JU1A05G0	15	9	5	15	16	5	15	7	5	15	11	5
29	21JU1A05G1	12	3	5	13	10	5	14	6	5	15	5	5
30	21JU1A05G2	10	10	5	14	9	5	14	5	5	12	5	5
31	21JU1A05G3	7	8	5	15	14	5	14	6	5	12	3	5
32	21JU1A05G4	13	9	5	14	9	5	14	9	5	15	5	5



33	21JU1A05G5	15	9	5	14	5	5	14	7	5	15	6	5	
34	21JU1A05G6	12	5	5	13	4	5	14	3	5	14	7	5	
35	21JU1A05G7	15	7	5	15	8	5	15	5	5	15	9	5	
36	21JU1A05G8	15	3	5	15	9	5	15	4	5	15	7	5	
37	21JU1A05G9	12	7	5	14	6	5	14	5	5	11	10	5	
38	21JU1A05H0	5	8	5	12	9	5	14	3	5	12	4	5	
39	21JU1A05H1	11	5	5	13	AB	5	14	3	5	14	2	5	
40	21JU1A05H2	11	4	5	15	7	5	15	7	5	14	7	5	
41	21JU1A05H3	14	10	5	15	13	5	15	7	5	15	4	5	
42	21JU1A05H4	5	6	5	11	9	5	14	5	5	11	5	5	
43	21JU1A05H5	5	10	5	12	4	5	14	6	5	10	3	5	
44	21JU1A05H6	14	6	5	15	9	5	15	5	5	14	7	5	
45	21JU1A05H7	15	9	5	15	9	5	15	5	5	15	8	5	
46	21JU1A05H8	13	8	5	14	13	5	14	3	5	14	3	5	
47	21JU1A05H9	15	5	5	14	9	5	158	7	5	15	11	5	
48	21JU1A05I0	15	5	5	14	10	5	14	4	5	15	8	5	
49	21JU1A05I1	12	7	5	15	9	5	15	5	5	15	9	5	
50	21JU1A05I2	11	2	5	12	6	5	14	3	5	15	5	5	
51	21JU1A05I3	12	8	5	14	6	5	14	3	5	14	7	5	
52	21JU1A05I4	6	5	5	14	14	5	15	5	5	14	4	5	
53	21JU1A05I5	6	10	5	15	7	5	15	3	5	13	6	5	
54	21JU1A05I6	3	6	5	11	7	5	15	6	5	15	9	5	
55	21JU1A05I7	0	4	5	11	7	5	14	4	5	12	4	5	
56	21JU1A05I8	13	4	5	15	10	5	15	3	5	15	4	5	
57	21JU1A05I9	7	8	5	11	6	5	14	6	5	13	4	5	
58	21JU1A05J1	13	3	5	14	8	5	14	4	5	15	4	5	
59	21JU1A05J2	3	4	5	13	12	5	14	3	5	13	7	5	
60	21JU1A05J3	13	7	5	12	5	5	14	3	5	15	7	5	
61	21JU1A05J4	6	3	5	10	6	5	14	6	5	14	4	5	
62	21JU1A05J5	15	7	5	14	11	5	14	7	5	15	7	5	
63	21JU1A05J6	14	13	5	15	14	5	15	6	5	15	6	5	
64	21JU1A05J7	13	2	5	12	8	5	15	6	5	15	7	5	
65	21JU1A05J8	6	7	5	12	9	5	15	9	5	15	3	5	
Signature of Faculty														

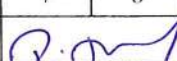
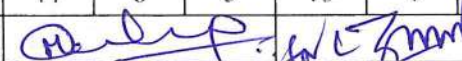
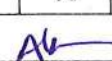
  
H.O.D



  
PRINCIPAL

S.NO	Roll No	R201115 A CHEMISTRY			R201102 ENGLISH			R201110 PPSC			R201101 M- I		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A6101	6	10	5	11	10	5	12	5	5	10	5	5
2	21JU1A6102	9	5	5	12	5	5	12	6	5	13	7	5
3	21JU1A6103	AB	9	5	12	8	5	11	6	5	15	7	5
4	21JU1A6104	9	5	5	12	5	5	11	3	5	14	9	5
5	21JU1A6105	13	9	5	14	11	5	15	AB	5	15	6	5
6	21JU1A6106	12	7	5	14	10	5	15	9	5	15	8	5
7	21JU1A6107	10	7	5	13	11	5	13	6	5	14	5	5
8	21JU1A6108	12	6	5	13	10	5	15	9	5	14	AB	5
9	21JU1A6109	11	11	5	13	3	5	13	5	5	13	5	5
10	21JU1A6110	AB	3	5	12	8	5	13	4	5	13	8	5
11	21JU1A6111	9	5	5	14	8	5	14	6	5	14	9	5
12	21JU1A6112	9	5	5	14	7	5	13	6	5	14	7	5
13	21JU1A6113	12	5	5	15	15	5	15	4	5	14	7	5
14	21JU1A6114	14	7	5	15	9	5	14	7	5	15	6	5
15	21JU1A6115	14	10	5	15	8	5	14	4	5	15	5	5
16	21JU1A6116	14	10	5	15	17	5	15	11	5	15	7	5
17	21JU1A6117	11	7	5	12	6	5	12	4	5	14	6	5
18	21JU1A6118	12	5	5	13	7	5	11	5	5	14	4	5
19	21JU1A6119	14	5	5	15	13	5	15	5	5	15	10	5
20	21JU1A6120	14	6	5	15	14	5	15	9	5	15	7	5
21	21JU1A6121	8	3	5	11	6	5	13	5	5	14	9	5
22	21JU1A6122	11	7	5	14	10	5	14	4	5	15	7	5
23	21JU1A6123	8	9	5	12	12	5	12	4	5	15	5	5
24	21JU1A6124	5	9	5	12	7	5	12	8	5	13	3	5
25	21JU1A6125	8	6	5	13	7	5	11	4	5	13	5	5
26	21JU1A6126	11	8	5	13	9	5	15	3	5	15	5	5
27	21JU1A6127	15	13	5	15	4	5	15	AB	5	15	8	5
28	21JU1A6128	12	4	5	13	6	5	14	6	5	15	5	5
29	21JU1A6129	14	9	5	15	15	5	15	11	5	15	12	5
30	21JU1A6130	11	7	5	13	12	5	14	6	5	15	4	5
31	21JU1A6131	7	6	5	11	6	5	11	3	5	12	3	5
32	21JU1A6132	14	6	5	15	9	5	15	AB	5	15	11	5



33	21JU1A6133	13	7	5	15	17	5	15	6	5	14	9	5
34	21JU1A6134	14	4	5	15	11	5	15	3	5	14	12	5
35	21JU1A6135	7	6	5	11	7	5	15	5	5	13	4	5
36	21JU1A6136	12	12	5	13	3	5	14	6	5	14	9	5
37	21JU1A6137	8	8	5	12	6	5	14	5	5	13	7	5
38	21JU1A6138	5	6	5	13	4	5	11	4	5	9	8	5
39	21JU1A6139	6	7	5	13	4	5	13	5	5	11	11	5
40	21JU1A6140	7	8	5	12	3	5	12	5	5	10	8	5
41	21JU1A6141	12	7	5	15	10	5	15	4	5	15	9	5
42	21JU1A6142	13	10	5	15	8	5	15	7	5	15	6	5
43	21JU1A6143	11	4	5	15	13	5	14	6	5	15	6	5
44	21JU1A6144	14	6	5	14	13	5	14	8	5	14	6	5
45	21JU1A6145	11	4	5	12	7	5	14	2	5	13	2	5
46	21JU1A6146	12	6	5	14	8	5	15	5	5	14	8	5
47	21JU1A6147	11	7	5	11	7	5	15	3	5	13	10	5
48	21JU1A6148	7	6	5	12	9	5	14	2	5	13	7	5
49	21JU1A6149	12	9	5	12	8	5	15	7	5	15	7	5
50	21JU1A6150	10	7	5	13	9	5	13	9	5	12	3	5
51	21JU1A6151	13	7	5	15	8	5	14	3	5	15	4	5
52	21JU1A6152	10	7	5	14	7	5	14	5	5	10	4	5
53	21JU1A6153	14	7	5	15	8	5	15	8	5	15	6	5
54	21JU1A6154	8	5	5	13	7	5	14	5	5	13	4	5
55	21JU1A6155	10	6	5	12	7	5	15	6	5	15	13	5
56	21JU1A6156	13	7	5	12	7	5	15	8	5	15	8	5
57	21JU1A6157	14	5	5	15	12	5	14	4	5	15	7	5
58	21JU1A6158	12	7	5	12	10	5	12	3	5	14	5	5
59	21JU1A6159	9	8	5	13	4	5	11	6	5	15	6	5
60	21JU1A6160	14	8	5	15	11	5	13	7	5	14	8	5
61	21JU1A6161	11	7	5	13	8	5	15	6	5	13	8	5
62	21JU1A6162	8	10	5	14	4	5	12	7	5	11	6	5
63	21JU1A6163	8	3	5	11	7	5	11	5	5	12	7	5
64	21JU1A6164	9	6	5	13	5	5	13	8	5	13	7	5
65	21JU1A6165	9	6	5	12	6	5	14	5	5	12	2	5
66	21JU1A6166	7	8	5	11	8	5	13	4	5	10	10	5
Signature of Faculty													

  
H.O.D

  
PRINCIPAL

S.NO	Roll No	M-II R201201			CHEMISTRY R201202			E M R201203			C PROGRAM R201204			BMCT R201205		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A0101	4	5	5	2	2	5	9	6	5	3	4	5	7	5	5
2	21JU1A0102	3	4	5	2	5	5	7	5	5	5	4	5	8	5	5
3	21JU1A0103	8	4	5	8	10	5	12	5	5	12	3	5	11	8	5
4	21JU1A0104	AB	AB	5	AB	AB	5	AB	AB	5	AB	AB	0	AB	AB	5
5	21JU1A0105	6	7	5	6	4	5	13	5	5	14	7	5	10	8	5
6	21JU1A0106	7	6	5	4	3	5	9	6	5	11	6	5	7	2	5
7	21JU1A0107	AB	9	5	AB	AB	5	AB	5	5	AB	AB	5	AB	2	5
8	21JU1A0108	10	9	5	5	5	5	14	2	5	14	9	5	14	3	5
9	21JU1A0109	2	1	5	1	5	5	AB	4	5	3	6	5	8	5	5
10	21JU1A0110	AB	5	5	7	8	5	13	7	5	7	10	5	AB	7	5
11	21JU1A0111	8	7	5	4	10	5	12	5	5	14	2	5	8	5	5
12	21JU1A0112	7	7	5	2	4	5	10	3	5	14	4	5	10	7	5
13	21JU1A0113	2	4	5	1	4	5	5	5	5	3	5	5	6	6	5
14	21JU1A0114	3	6	5	3	5	5	9	3	5	2	5	5	6	6	5
15	21JU1A0115	5	8	5	1	4	5	14	9	5	15	2	5	15	5	5
16	21JU1A0116	6	5	5	3	5	5	13	2	5	13	1	5	10	6	5
17	21JU1A0117	6	7	5	10	9	5	14	5	5	11	2	5	10	7	5
18	21JU1A0118	7	5	5	2	2	5	6	6	5	4	7	5	7	4	5
19	21JU1A0119	2	4	5	3	6	5	6	4	5	9	8	5	9	5	5
20	21JU1A0120	2	4	5	2	0	5	5	6	5	2	7	5	10	7	5
21	21JU1A0121	6	4	5	6	5	5	14	5	5	11	1	5	11	9	5
22	21JU1A0122	5	7	5	9	4	5	11	5	5	14	9	5	15	5	5
23	21JU1A0123	2	4	5	6	7	5	8	5	5	8	4	5	8	6	5
Signature of faculty																

H.O.D

PRINCIPAL



S.NO	Roll No	M-II R201201			JAVA R201212			NA R201213			BEE R201214			AP R201207		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A0401	9	8	5	8	7	5	AB	AB	5	12	2	5	7	5	5
2	21JU1A0402	2	5	5	7	4	5	5	6	5	1	5	5	5	3	5
3	21JU1A0403	13	9	5	12	5	5	11	7	5	15	4	5	15	8	5
4	21JU1A0404	14	13	5	14	3	5	10	3	5	15	7	5	15	7	5
5	21JU1A0405	0	2	5	1	6	5	2	3	5	4	7	5	4	5	5
6	21JU1A0406	7	4	5	7	2	5	8	4	5	8	4	5	3	2	5
7	21JU1A0407	9	6	5	AB	AB	5	10	6	5	13	2	5	6	4	5
8	21JU1A0408	12	10	5	8	1	5	9	5	5	12	7	5	10	3	5
9	21JU1A0409	9	7	5	4	4	5	8	4	5	12	5	5	15	6	5
10	21JU1A0410	3	5	5	2	7	5	4	5	5	3	3	5	1	1	5
11	21JU1A0411	10	9	5	12	6	5	8	5	5	11	5	5	6	5	5
12	21JU1A0412	9	6	5	10	5	5	5	4	5	11	5	5	13	4	5
13	21JU1A0413	5	3	5	3	4	5	2	5	5	6	10	5	1	5	5
14	21JU1A0414	2	6	5	4	7	5	AB	AB	5	8	3	5	5	6	5
15	21JU1A0415	15	11	5	11	6	5	10	5	5	15	6	5	15	3	5
16	21JU1A0416	3	6	5	6	7	5	8	8	5	7	8	5	2	1	5
17	21JU1A0417	5	5	5	4	3	5	2	5	5	5	7	5	1	4	5
18	21JU1A0418	14	11	5	9	6	5	10	8	5	10	4	5	12	6	5
19	21JU1A0419	9	5	5	3	4	5	6	5	5	6	4	5	0	8	5
20	21JU1A0420	7	6	5	5	4	5	9	3	5	6	3	5	5	5	5
21	21JU1A0421	10	5	5	9	8	5	8	7	5	15	9	5	12	6	5
22	21JU1A0422	13	9	5	11	6	5	12	5	5	15	4	5	10	8	5
23	21JU1A0423	10	8	5	12	7	5	9	6	5	13	6	5	13	7	5
24	21JU1A0424	7	12	5	5	7	5	12	6	5	5	3	5	6	3	5
25	21JU1A0425	12	10	5	9	5	5	9	0	5	13	4	5	2	9	5
26	21JU1A0426	12	12	5	5	9	5	7	5	5	12	8	5	10	6	5
27	21JU1A0427	4	4	5	6	4	5	5	7	5	7	4	5	8	5	5
28	21JU1A0428	13	12	5	6	3	5	9	1	5	12	6	5	7	5	5
29	21JU1A0429	9	9	5	9	6	5	7	6	5	12	11	5	10	5	5
30	21JU1A0430	15	14	5	13	4	5	14	4	5	10	6	5	14	9	5
31	21JU1A0431	11	10	5	12	5	5	8	7	5	14	4	5	15	6	5
32	21JU1A0432	AB	5	5	4	7	5	3	5	5	7	3	5	2	4	5
33	21JU1A0433	8	6	5	14	6	5	12	4	5	13	3	5	15	5	5
34	21JU1A0434	12	8	5	10	4	5	8	6	5	13	7	5	12	3	5








		M-II R201201			JAVA R201212			NA R201213			BEE R201214			AP R201207		
35	21JU1A0435	10	7	5	11	6	5	8	5	5	0	9	5	10	8	5
36	21JU1A0436	4	4	5	4	5	5	4	2	5	3	5	5	2	7	5
37	21JU1A0437	10	9	5	10	3	5	8	5	5	10	4	5	12	5	5
38	21JU1A0438	12	8	5	12	7	5	8	4	5	15	7	5	12	5	5
39	21JU1A0439	12	11	5	10	5	5	8	3	5	11	5	5	14	2	5
40	21JU1A0440	12	9	5	13	5	5	10	1	5	15	9	5	15	9	5
41	21JU1A0441	6	8	5	7	6	5	4	8	5	8	8	5	8	7	5
42	21JU1A0442	0	4	5	2	8	5	1	5	5	0	3	5	1	5	5
43	21JU1A0443	AB	AB	5	2	5	5	3	8	5	1	5	5	1	6	5
44	21JU1A0444	1	4	5	4	3	5	3	4	5	4	3	5	5	4	5
45	21JU1A0445	10	8	5	13	5	5	13	5	5	12	9	5	15	7	5
46	21JU1A0446	4	6	5	8	4	5	8	7	5	7	5	5	11	3	5
47	21JU1A0447	8	9	5	15	6	5	12	3	5	11	5	5	11	5	5
48	21JU1A0448	11	6	5	13	4	5	10	2	5	11	6	5	10	5	5
49	21JU1A0449	8	5	5	8	3	5	5	2	5	5	4	5	10	4	5
50	21JU1A0450	4	5	5	4	6	5	5	3	5	11	6	5	2	7	5
51	21JU1A0451	5	3	5	7	8	5	5	3	5	6	7	5	3	3	5
52	21JU1A0452	7	5	5	8	8	5	10	4	5	10	5	5	5	10	5
53	21JU1A0453	2	4	5	7	4	5	9	4	5	10	1	5	4	6	5
54	21JU1A0454	4	5	5	1	3	5	9	6	5	11	2	5	3	5	5
55	21JU1A0455	15	9	5	11	4	5	13	2	5	14	3	5	15	10	5
56	21JU1A0456	12	12	5	12	6	5	13	7	5	14	4	5	15	6	5
57	21JU1A0457	10	3	5	10	7	5	12	8	5	10	5	5	10	3	5
58	21JU1A0458	2	4	5	5	6	5	9	6	5	13	4	5	4	6	5
59	21JU1A0459	12	11	5	10	10	5	12	3	5	13	3	5	13	4	5
60	21JU1A0460	AB	AB	5	AB	AB	0	AB	AB	5	AB	AB	5	AB	AB	5
Signature of Faculty																

H.O.D

PRINCIPAL

S.NO	Roll No	M-II R201201			JAVA R201212			NA R201213			BEE R201214			AP R201207		
		MID	QIZ	AS	MID	QIZ		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A0461	AB	AB	5	AB	AB	0	AB	AB	5	AB	AB	5	AB	AB	0
2	21JU1A0462	2	10	5	AB	AB	0	AB	AB	5	10	4	5	2	7	5
3	21JU1A0463	15	9	5	8	8	5	11	7	5	15	5	5	10	8	5
4	21JU1A0464	8	9	5	10	9	5	10	2	5	14	5	5	4	6	5
5	21JU1A0465	9	8	5	11	7	5	10	10	5	12	9	5	8	6	5
6	21JU1A0466	9	12	5	10	7	5	15	7	5	15	8	5	6	5	5
7	21JU1A0467	4	10	5	5	7	5	11	6	5	12	3	5	2	8	5
8	21JU1A0468	10	9	5	9	7	5	14	5	5	14	5	5	4	6	5
9	21JU1A0469	2	7	5	4	8	5	9	4	5	15	4	5	2	3	5
10	21JU1A0470	1	6	5	6	6	5	8	6	5	11	8	5	2	6	5
11	21JU1A0471	AB	AB	5	1	2	5	5	3	5	12	5	5	2	2	5
12	21JU1A0472	10	8	5	15	5	5	11	7	5	15	8	5	8	7	5
13	21JU1A0473	10	12	5	13	10	5	10	6	5	15	3	5	4	6	5
14	21JU1A0474	13	9	5	8	5	5	10	4	5	14	6	5	5	6	5
15	21JU1A0475	0	5	5	5	3	5	5	5	5	10	3	5	2	8	5
16	21JU1A0476	AB	0	5	2	4	5	5	5	5	2	5	5	AB	3	5
17	21JU1A0477	10	9	5	11	7	5	5	4	5	15	8	5	3	5	5
18	21JU1A0478	4	4	5	6	4	5	5	4	5	10	7	5	2	2	5
19	21JU1A0479	12	10	5	15	6	5	13	2	5	15	8	5	7	8	5
20	21JU1A0480	8	10	5	15	7	5	10	5	5	15	3	5	7	5	5
21	21JU1A0481	9	8	5	9	7	5	5	4	5	15	7	5	7	6	5
22	21JU1A0482	5	7	5	8	4	5	5	4	5	12	5	5	4	3	5
23	21JU1A0483	7	6	5	9	2	5	7	2	5	11	2	5	6	7	5
24	21JU1A0484	8	9	5	7	8	5	5	3	5	13	7	5	6	6	5
25	21JU1A0485	AB	AB	5	AB	AB	0	AB	AB	5	AB	AB	5	AB	AB	0
26	21JU1A0486	2	7	5	3	6	5	5	5	5	10	4	5	5	6	5
27	21JU1A0487	8	12	5	6	6	5	5	6	5	13	6	5	5	6	5
28	21JU1A0488	AB	AB	5	5	4	5	5	4	5	10	8	5	3	3	5
29	21JU1A0489	7	9	5	5	3	5	8	3	5	10	6	5	4	9	5
30	21JU1A0490	11	10	5	10	3	5	10	6	5	10	6	5	5	6	5
31	21JU1A0491	5	5	5	2	3	5	5	2	5	2	5	5	2	3	5
32	21JU1A0492	6	8	5	6	7	5	8	1	5	6	1	5	4	3	5
33	21JU1A0493	9	12	5	14	6	5	5	6	5	12	4	5	5	6	5
34	21JU1A0494	1	0	5	4	5	5	6	6	5	11	6	5	5	6	5
35	21JU1A0495	1	4	5	2	4	5	5	3	5	10	7	5	5	5	5
36	21JU1A0496	3	8	5	6	3	5	5	6	5	12	10	5	2	9	5
37	21JU1A0497	3	3	5	5	3	5	8	2	5	12	6	5	4	3	5



S.NO	Roll No	M-II R201201			JAVA R201212			NA R201213			BEE R201214			AP R201207		
		MID	QIZ	AS	MID	QIZ		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
38	21JU1A0498	7	8	5	9	5	5	5	6	5	15	5	5	5	8	5
39	21JU1A0499	AB	AB	5	3	6	5	6	4	5	10	8	5	3	4	5
40	21JU1A04A0	7	9	5	3	9	5	5	8	5	10	6	5	3	5	5
41	21JU1A04A1	5	7	5	4	6	5	5	7	5	11	5	5	3	6	5
42	21JU1A04A2	0	6	5	1	3	5	6	8	5	AB	AB	5	AB	AB	5
43	21JU1A04A3	5	9	5	12	7	5	10	9	5	10	5	5	5	9	5
44	21JU1A04A4	12	8	5	13	5	5	9	8	5	10	5	5	7	4	5
45	21JU1A04A5	3	AB	5	4	7	5	5	2	5	11	6	5	3	5	5
46	21JU1A04A6	6	8	5	7	7	5	5	4	5	10	2	5	3	5	5
47	21JU1A04A7	4	8	5	1	7	5	2	10	5	10	6	5	5	3	5
48	21JU1A04A8	10	11	5	13	8	5	7	7	5	10	2	5	6	5	5
49	21JU1A04A9	3	5	5	6	2	5	3	10	5	10	6	5	4	9	5
50	21JU1A04B0	7	13	5	7	5	5	10	5	5	12	7	5	9	7	5
51	21JU1A04B1	13	13	5	8	9	5	11	6	5	12	7	5	3	4	5
52	21JU1A04B2	6	5	5	5	5	5	5	5	5	10	5	5	3	2	5
53	21JU1A04B3	9	4	5	7	7	5	9	7	5	10	2	5	3	3	5
54	21JU1A04B4	8	11	5	8	5	5	8	4	5	10	7	5	2	5	5
55	21JU1A04B5	11	9	5	6	5	5	5	6	5	10	6	5	2	2	5
56	21JU1A04B6	7	8	5	5	3	5	5	6	5	10	7	5	1	8	5
57	21JU1A04B7	12	10	5	10	7	5	10	4	5	10	11	5	8	9	5
58	21JU1A04B8	4	5	5	3	6	5	4	9	5	10	6	5	5	6	5
59	21JU1A04B9	6	11	5	7	4	5	7	9	5	10	3	5	5	8	5
Signature of Faculty																

  
H.O.D

  
PRINCIPAL

S.NO	Roll No	M-II R201201			AC R201215			CO R201216			DS R201218			PYTHON R201225		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A0501	AB	AB	5	1	6	5	9	5	5	12	7	5	4	7	5
2	21JU1A0502	6	5	5	0	7	5	1	5	5	6	7	5	0	6	5
3	21JU1A0503	3	5	5	0	6	5	0	2	5	6	4	5	0	4	5
4	21JU1A0504	13	11	5	3	5	5	11	4	5	11	7	5	8	4	5
5	21JU1A0505	9	5	5	2	5	5	6	AB	5	10	10	5	2	6	5
6	21JU1A0506	5	8	5	1	4	5	2	5	5	7	AB	5	0	4	5
7	21JU1A0507	6	11	5	2	8	5	6	7	5	11	6	5	9	AB	5
8	21JU1A0508	10	11	5	2	3	5	9	6	5	11	5	5	7	9	5
9	21JU1A0509	7	4	5	2	7	5	4	6	5	9	7	5	2	8	5
10	21JU1A0510	AB	AB	5	0	3	5	2	5	5	6	7	5	0	9	5
11	21JU1A0511	13	8	5	4	8	5	15	8	5	15	9	5	8	8	5
12	21JU1A0512	9	8	5	3	3	5	9	7	5	10	6	5	3	5	5
13	21JU1A0513	10	10	5	2	4	5	8	5	5	11	8	5	7	5	5
14	21JU1A0514	10	6	5	4	7	5	9	7	5	14	7	5	2	6	5
15	21JU1A0515	15	14	5	8	10	5	14	5	5	14	8	5	12	8	5
16	21JU1A0516	9	3	5	5	8	5	8	2	5	10	8	5	1	3	5
17	21JU1A0517	8	6	5	1	6	5	6	5	5	8	5	5	1	5	5
18	21JU1A0518	10	6	5	2	3	5	9	2	5	9	4	5	2	6	5
19	21JU1A0519	6	9	5	AB	AB	5	4	AB	5	9	4	5	0	4	5
20	21JU1A0520	15	10	5	10	8	5	15	11	5	13	6	5	14	7	5
21	21JU1A0521	13	11	5	4	7	5	9	AB	5	13	6	5	9	8	5
22	21JU1A0522	AB	AB	5	AB	AB	5	AB	AB	5	AB	AB	5	AB	AB	5
23	21JU1A0523	7	7	5	3	8	5	11	6	5	15	7	5	4	10	5
24	21JU1A0524	12	8	5	3	9	5	12	7	5	15	10	5	6	5	5
25	21JU1A0525	11	10	5	3	7	5	11	4	5	11	8	5	8	8	5
26	21JU1A0526	9	5	5	3	7	5	11	7	5	8	AB	5	3	6	5
27	21JU1A0527	AB	AB	5	4	4	5	15	6	5	13	5	5	10	11	5
28	21JU1A0528	15	12	5	4	7	5	15	7	5	15	5	5	14	10	5
29	21JU1A0529	12	3	5	3	3	5	13	4	5	14	6	5	4	7	5
30	21JU1A0530	8	4	5	1	4	5	7	4	5	10	4	5	0	4	5
31	21JU1A0531	15	8	5	4	7	5	12	4	5	15	10	5	11	10	5
32	21JU1A0532	14	6	5	4	10	5	10	4	5	12	7	5	13	8	5
33	21JU1A0533	13	9	5	5	4	5	9	4	5	10	5	5	4	8	5
34	21JU1A0534	12	10	5	4	8	5	15	8	5	15	9	5	11	6	5
35	21JU1A0535	12	10	5	7	10	5	14	8	5	15	10	5	11	10	5
36	21JU1A0536	10	12	5	5	8	5	13	9	5	14	3	5	7	3	5
37	21JU1A0537	8	5	5	4	5	5	10	7	5	14	6	5	4	3	5
38	21JU1A0538	11	12	5	4	9	5	10	5	5	12	10	5	8	10	5
39	21JU1A0539	9	3	5	4	5	5	6	5	5	14	10	5	3	8	5
40	21JU1A0540	6	7	5	3	6	5	10	3	5	15	4	5	9	10	5
41	21JU1A0541	5	7	5	3	8	5	7	5	5	10	4	5	2	7	5
42	21JU1A0542	AB	AB	5	2	7	5	3	0	5	AB	AB	5	AB	AB	5



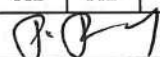



S.NO	Roll No	M-II R201201			A C R201215			C O R201216			D S R201218			PYTHON R201225		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
43	21JU1A0543	10	12	5	1	8	5	3	5	5	9	8	5	5	7	5
44	21JU1A0544	11	10	5	5	7	5	12	9	5	15	10	5	6	6	5
45	21JU1A0545	13	12	5	2	5	5	8	6	5	14	9	5	1	4	5
46	21JU1A0546	9	12	5	3	7	5	13	5	5	12	4	5	7	10	5
47	21JU1A0547	AB	AB	5	6	4	5	11	7	5	5	4	5	2	2	5
48	21JU1A0548	9	7	5	3	7	5	8	5	5	13	7	5	6	5	5
49	21JU1A0549	7	14	5	0	11	5	8	6	5	13	8	5	8	11	5
50	21JU1A0550	13	10	5	0	11	5	12	9	5	13	5	5	9	13	5
51	21JU1A0551	10	4	5	0	4	5	4	3	5	9	5	5	4	5	5
52	21JU1A0552	9	5	5	2	11	5	7	5	5	9	7	5	7	4	5
53	21JU1A0553	3	6	5	1	8	5	1	6	5	8	3	5	5	0	5
54	21JU1A0554	15	5	5	1	7	5	9	5	5	12	5	5	9	6	5
55	21JU1A0555	13	4	5	0	5	5	13	7	5	13	8	5	4	7	5
56	21JU1A0556	3	AB	5	0	4	5	2	AB	5	4	6	5	0	4	5
57	21JU1A0557	9	8	5	1	8	5	5	4	5	10	7	5	3	7	5
58	21JU1A0558	14	13	5	2	5	5	12	7	5	14	9	5	9	8	5
59	21JU1A0559	5	5	5	3	8	5	6	7	5	10	3	5	10	5	5
60	21JU1A0560	10	8	5	2	9	5	7	8	5	13	9	5	8	6	5
61	21JU1A0561	13	8	5	2	6	5	13	2	5	13	7	5	5	5	5
62	21JU1A0562	7	7	5	0	7	5	3	7	5	13	8	5	6	6	5
63	21JU1A0563	15	10	5	AB	7	5	11	8	5	12	6	5	7	6	5
64	21JU1A0564	14	9	5	1	3	5	12	AB	5	10	7	5	2	5	5
65	21JU1A0565	14	9	5	5	6	5	13	9	5	14	10	5	7	11	5
66	21JU1A0566	15	9	5	1	3	5	15	5	5	12	8	5	7	8	5
Signature of Faculty																

H.O.D

PRINCIPAL

S.NO	Roll No	M-II R201201			AC R201215			CO R201216			DS R201218			PYTHON R201225		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A0567	13	10	5	5	10	5	14	8	5	11	15	5	14	8	5
2	21JU1A0568	12	5	5	0	6	5	10	5	5	8	8	5	12	5	5
3	21JU1A0569	AB	AB	5	AB	5	5	2	6	5	5	4	5	AB	7	5
4	21JU1A0570	8	12	5	0	6	5	3	5	5	5	4	5	12	7	5
5	21JU1A0571	5	4	5	0	6	5	4	5	5	4	3	5	8	3	5
6	21JU1A0572	7	2	5	0	6	5	11	7	5	8	5	5	4	4	5
7	21JU1A0573	10	11	5	1	5	5	14	8	5	8	8	5	3	6	5
8	21JU1A0574	15	14	5	2	7	5	14	7	5	12	6	5	4	10	5
9	21JU1A0575	14	9	5	1	10	5	11	5	5	7	2	5	3	3	5
10	21JU1A0576	8	9	5	0	4	5	10	5	5	4	10	5	3	6	5
11	21JU1A0577	7	7	5	1	2	5	7	5	5	4	4	5	4	3	5
12	21JU1A0578	10	11	5	0	6	5	11	7	5	11	5	5	5	8	5
13	21JU1A0579	6	12	5	0	7	5	8	7	5	4	6	5	5	13	5
14	21JU1A0580	5	4	5	1	10	5	6	8	5	8	AB	5	3	5	5
15	21JU1A0581	9	6	5	1	3	5	7	8	5	7	4	5	4	5	5
16	21JU1A0582	8	10	5	1	6	5	11	8	5	7	6	5	5	5	5
17	21JU1A0583	10	7	5	3	6	5	12	7	5	11	10	5	6	7	5
18	21JU1A0584	0	4	5	0	6	5	2	5	5	3	5	5	1	5	5
19	21JU1A0585	15	10	5	0	7	5	15	4	5	14	7	5	10	6	5
20	21JU1A0586	4	7	5	0	2	5	2	5	5	5	3	5	3	8	5
21	21JU1A0587	13	9	5	0	8	5	15	7	5	12	11	5	11	6	5
22	21JU1A0588	15	8	5	1	5	5	15	5	5	12	8	5	15	9	5
23	21JU1A0589	0	6	5	0	9	5	1	4	5	3	4	5	1	7	5
24	21JU1A0590	4	9	5	0	7	5	8	7	5	5	3	5	2	3	5
25	21JU1A0591	10	6	5	1	5	5	10	6	5	7	4	5	3	6	5
26	21JU1A0592	5	5	5	1	9	5	3	4	5	5	5	5	1	7	5
27	21JU1A0593	4	2	5	0	4	5	1	3	5	2	4	5	0	8	5
28	21JU1A0594	11	10	5	1	8	5	10	5	5	13	9	5	10	9	5
29	21JU1A0595	10	7	5	2	9	5	8	5	5	10	7	5	3	9	5
30	21JU1A0596	14	14	5	5	9	5	15	10	5	10	10	5	9	6	5
31	21JU1A0597	AB	AB	5	AB	AB	5	AB	AB	5	AB	AB	5	AB	AB	5
32	21JU1A0598	6	10	5	1	4	5	6	6	5	4	5	5	2	2	5
33	21JU1A0599	14	12	5	1	6	5	15	3	5	14	7	5	11	14	5
34	21JU1A05A0	15	11	5	1	6	5	13	6	5	9	7	5	10	7	5
35	21JU1A05A1	AB	AB	5	0	5	5	3	3	5	5	AB	5	0	6	5
36	21JU1A05A2	15	14	5	3	7	5	15	7	5	9	5	5	8	5	5
37	21JU1A05A3	5	6	5	1	8	5	3	4	5	5	6	5	3	7	5
38	21JU1A05A4	9	8	5	0	5	5	8	6	5	4	8	5	3	8	5

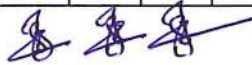


S.NO	Roll No	M-II R201201			A C R201215			C O R201216			D S R201218			PYTHON R201225		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
39	21JU1A05A5	13	10	5	0	9	5	10	5	5	7	9	5	4	7	5
40	21JU1A05A6	9	11	5	1	5	5	5	5	5	6	7	5	5	7	5
41	21JU1A05A7	12	10	5	1	12	5	11	6	5	8	6	5	8	9	5
42	21JU1A05A8	1	4	5	0	5	5	3	6	5	3	6	5	3	6	5
43	21JU1A05A9	3	5	5	0	9	5	5	6	5	5	5	5	1	7	5
44	21JU1A05B0	7	7	5	0	5	5	8	8	5	5	7	5	6	5	5
45	21JU1A05B1	6	5	5	2	4	5	6	5	5	4	8	5	5	6	5
46	21JU1A05B2	15	13	5	8	8	5	10	9	5	8	8	5	10	7	5
47	21JU1A05B3	10	6	5	0	5	5	13	5	5	10	5	5	5	5	5
48	21JU1A05B4	5	3	5	0	6	5	5	5	5	6	5	5	2	5	5
49	21JU1A05B5	15	9	5	2	5	5	15	6	5	10	AB	5	4	9	5
50	21JU1A05B6	2	AB	5	0	7	5	4	6	5	4	4	5	0	AB	5
51	21JU1A05B7	6	8	5	0	8	5	1	4	5	4	AB	5	0	5	5
52	21JU1A05B8	9	8	5	1	12	5	15	8	5	10	9	5	8	8	5
53	21JU1A05B9	10	9	5	3	9	5	6	8	5	6	10	5	2	7	5
54	21JU1A05C0	7	6	5	2	5	5	4	7	5	4	3	5	3	6	5
55	21JU1A05C1	6	13	5	3	5	5	8	4	5	7	5	5	5	4	5
56	21JU1A05C2	6	15	5	1	8	5	6	4	5	5	4	5	10	9	5
57	21JU1A05C3	1	5	5	1	7	5	2	3	5	4	8	5	3	7	5
58	21JU1A05C4	0	7	5	1	5	5	1	5	5	2	4	5	AB	AB	5
59	21JU1A05C5	9	3	5	2	8	5	12	4	5	9	6	5	8	4	5
60	21JU1A05C6	10	9	5	0	6	5	14	10	5	11	6	5	7	3	5
61	21JU1A05C7	9	11	5	2	13	5	12	10	5	10	8	5	7	10	5
62	21JU1A05C8	4	8	5	0	6	5	2	5	5	4	10	5	2	5	5
63	21JU1A05C9	AB	AB	5	0	6	5	9	3	5	4	8	5	2	1	5
64	21JU1A05D0	0	4	5	1	4	5	3	7	5	5	5	5	3	6	5
65	21JU1A05D1	14	9	5	2	6	5	11	4	5	7	4	5	2	10	5
66	21JU1A05D2	AB	AB	5	0	2	5	1	2	5	3	2	5	1	7	5
Signature of Faculty																

  
H.O.D

  
PRINCIPAL

S.NO	Roll No	M-II R201201			A C R201215			C O R201216			D S R201218			PYTHON R201225		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A05D3	6	5	5	8	7	5	10	6	5	13	5	5	8	2	5
2	21JU1A05D4	4	6	5	6	6	5	5	4	5	8	7	5	9	4	5
3	21JU1A05D5	12	12	5	11	12	5	13	5	5	13	7	5	12	6	5
4	21JU1A05D6	11	10	5	12	7	5	14	8	5	14	9	5	12	9	5
5	21JU1A05D7	10	9	5	6	8	5	9	9	5	12	4	5	6	5	5
6	21JU1A05D8	10	2	5	8	8	5	3	3	5	6	7	5	8	3	5
7	21JU1A05D9	7	7	5	5	7	5	8	5	5	11	7	5	7	6	5
8	21JU1A05E0	7	7	5	4	4	5	8	3	5	11	11	5	8	5	5
9	21JU1A05E1	11	10	5	9	5	5	15	6	5	14	4	5	11	8	5
10	21JU1A05E2	12	9	5	9	6	5	13	6	5	9	9	5	9	11	5
11	21JU1A05E3	AB	AB	5	6	4	5	14	5	5	8	7	5	11	5	5
12	21JU1A05E4	11	6	5	11	8	5	15	5	5	14	3	5	14	7	5
13	21JU1A05E5	13	11	5	13	11	5	15	8	5	14	12	5	15	8	5
14	21JU1A05E6	10	4	5	13	6	5	10	9	5	14	6	5	11	8	5
15	21JU1A05E7	9	6	5	6	9	5	9	5	5	11	9	5	5	6	5
16	21JU1A05E8	4	5	5	11	6	5	12	10	5	9	7	5	9	6	5
17	21JU1A05E9	13	10	5	12	12	5	14	7	5	14	6	5	13	6	5
18	21JU1A05F0	9	8	5	10	5	5	12	1	5	14	3	5	11	7	5
19	21JU1A05F1	10	13	5	11	7	5	12	8	5	12	6	5	13	9	5
20	21JU1A05F2	9	8	5	8	6	5	10	7	5	10	5	5	11	8	5
21	21JU1A05F3	10	10	5	10	11	5	12	4	5	14	6	5	8	9	5
22	21JU1A05F4	10	7	5	10	5	5	15	4	5	12	5	5	12	6	5
23	21JU1A05F5	11	11	5	14	4	5	14	6	5	13	8	5	12	7	5
24	21JU1A05F6	6	5	5	8	6	5	8	6	5	7	8	5	8	7	5
25	21JU1A05F7	12	11	5	8	9	5	11	8	5	8	3	5	10	7	5
26	21JU1A05F8	8	9	5	11	7	5	9	8	5	10	7	5	12	8	5
27	21JU1A05F9	12	10	5	14	11	5	14	9	5	13	9	5	12	12	5
28	21JU1A05G0	14	13	5	14	9	5	15	6	5	14	8	5	14	9	5
29	21JU1A05G1	7	10	5	8	6	5	7	3	5	13	4	5	11	8	5
30	21JU1A05G2	6	4	5	8	3	5	7	4	5	9	5	5	5	6	5
31	21JU1A05G3	10	8	5	8	8	5	8	6	5	12	7	5	5	4	5
32	21JU1A05G4	AB	AB	5	AB	0	5	AB	AB	5	AB	AB	5	AB	AB	5








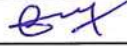

33	21JU1A05G5	4	4	5	11	6	5	12	3	5	12	3	5	11	10	5	
34	21JU1A05G6	10	9	5	10	7	5	9	5	5	12	9	5	10	5	5	
35	21JU1A05G7	11	8	5	10	7	5	9	5	5	10	4	5	10	5	5	
36	21JU1A05G8	15	8	5	13	9	5	14	5	5	12	6	5	10	6	5	
37	21JU1A05G9	14	11	5	11	7	5	13	6	5	11	10	5	10	AB	5	
38	21JU1A05H0	8	7	5	3	6	5	7	AB	5	7	7	5	5	4	5	
39	21JU1A05H1	8	7	5	10	8	5	5	7	5	12	7	5	5	4	5	
40	21JU1A05H2	11	4	5	10	7	5	11	4	5	12	4	5	10	9	5	
41	21JU1A05H3	15	12	5	13	3	5	15	8	5	14	5	5	15	8	5	
42	21JU1A05H4	5	8	5	7	5	5	5	5	5	6	8	5	5	5	5	
43	21JU1A05H5	7	0	5	5	5	5	2	6	5	9	7	5	5	5	5	
44	21JU1A05H6	12	9	5	8	7	5	11	6	5	11	4	5	11	4	5	
45	21JU1A05H7	13	7	5	12	3	5	14	7	5	14	7	5	12	6	5	
46	21JU1A05H8	11	12	5	8	12	5	11	7	5	14	8	5	12	6	5	
47	21JU1A05H9	14	11	5	12	6	5	13	8	5	14	5	5	11	7	5	
48	21JU1A05I0	12	11	5	12	9	5	13	6	5	14	4	5	13	8	5	
49	21JU1A05I1	13	7	5	9	5	5	10	4	5	13	4	5	8	4	5	
50	21JU1A05I2	6	4	5	AB	4	5	8	6	5	9	5	5	AB	4	5	
51	21JU1A05I3	11	6	5	9	5	5	13	5	5	10	5	5	8	4	5	
52	21JU1A05I4	6	3	5	5	4	5	5	5	5	8	6	5	5	4	5	
53	21JU1A05I5	4	2	5	5	10	5	5	6	5	6	3	5	7	2	5	
54	21JU1A05I6	6	5	5	10	5	5	3	5	5	9	4	5	9	4	5	
55	21JU1A05I7	4	6	5	1	4	5	1	6	5	6	4	5	5	8	5	
56	21JU1A05I8	10	6	5	5	5	5	12	7	5	9	5	5	11	5	5	
57	21JU1A05I9	3	6	5	7	5	5	2	1	5	7	2	5	7	8	5	
58	21JU1A05J1	8	2	5	9	4	5	10	5	5	14	3	5	12	1	5	
59	21JU1A05J2	5	7	5	8	5	5	5	5	5	11	5	5	5	5	5	
60	21JU1A05J3	9	2	5	9	4	5	8	6	5	12	5	5	5	4	5	
61	21JU1A05J4	10	6	5	5	3	5	5	1	5	8	5	5	7	9	5	
62	21JU1A05J5	13	9	5	12	9	5	14	7	5	14	7	5	14	5	5	
63	21JU1A05J6	15	12	5	14	11	5	14	12	5	14	8	5	15	9	5	
64	21JU1A05J7	10	8	5	8	3	5	14	8	5	12	11	5	12	9	5	
65	21JU1A05J8	10	5	5	5	6	5	5	9	5	12	7	5	15	8	5	
Signature of Faculty																	

H.O.D

PRINCIPAL

S.NO	Roll No	M-II R201201			R201207 AP			R201218 DS			R201221 DLD			R201225 PYTHON		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A6101	1	7	5	3	7	5	7	4	5	7	3	5	1	5	5
2	21JU1A6102	3	8	5	5	11	5	11	5	5	11	4	5	6	3	5
3	21JU1A6103	AB	5	5	AB	6	5	12	7	5	15	4	5	8	5	5
4	21JU1A6104	1	5	5	5	4	5	12	5	5	8	3	5	3	2	5
5	21JU1A6105	12	15	5	12	5	5	15	8	5	15	10	5	14	12	5
6	21JU1A6106	7	11	5	9	6	5	14	6	5	15	5	5	14	6	5
7	21JU1A6107	3	9	5	4	10	5	13	7	5	14	6	5	7	9	5
8	21JU1A6108	9	6	5	6	9	5	14	5	5	15	6	5	12	4	5
9	21JU1A6109	7	6	5	2	5	5	11	6	5	14	5	5	10	7	5
10	21JU1A6110	4	4	5	3	10	5	10	11	5	13	7	5	4	5	5
11	21JU1A6111	AB	AB	5	AB	AB	5	13	9	5	15	8	5	9	6	5
12	21JU1A6112	2	3	5	7	5	5	14	2	5	15	8	5	8	12	5
13	21JU1A6113	5	8	5	6	3	5	15	4	5	14	10	5	14	8	5
14	21JU1A6114	11	11	5	11	6	5	15	8	5	15	10	5	11	8	5
15	21JU1A6115	15	12	5	15	9	5	14	7	5	15	10	5	15	10	5
16	21JU1A6116	15	10	5	15	8	5	15	14	5	15	11	5	15	6	5
17	21JU1A6117	2	8	5	1	2	5	14	4	5	10	4	5	3	5	5
18	21JU1A6118	2	7	5	3	7	5	12	5	5	12	6	5	4	6	5
19	21JU1A6119	12	8	5	11	8	5	14	7	5	15	9	5	14	6	5
20	21JU1A6120	10	12	5	4	8	5	14	7	5	15	8	5	14	8	5
21	21JU1A6121	2	7	5	4	2	5	10	5	5	10	7	5	3	3	5
22	21JU1A6122	8	9	5	11	8	5	14	6	5	14	10	5	15	6	5
23	21JU1A6123	7	10	5	1	7	5	12	5	5	10	6	5	10	6	5
24	21JU1A6124	1	3	5	5	7	5	4	6	5	4	4	5	8	4	5
25	21JU1A6125	4	7	5	4	4	5	8	13	5	13	9	5	12	5	5
26	21JU1A6126	9	7	5	15	8	5	AB	AB	5	AB	AB	5	AB	AB	5
27	21JU1A6127	12	12	5	15	10	5	15	7	5	15	4	5	14	8	5
28	21JU1A6128	9	8	5	9	4	5	15	10	5	15	5	5	10	3	5
29	21JU1A6129	15	13	5	12	7	5	15	7	5	15	11	5	15	11	5
30	21JU1A6130	1	5	5	1	3	5	10	4	5	9	4	5	6	7	5
31	21JU1A6131	5	3	5	3	8	5	8	2	5	10	7	5	11	7	5
32	21JU1A6132	15	11	5	15	6	5	15	5	5	15	8	5	11	6	5
33	21JU1A6133	10	11	5	9	5	5	14	10	5	15	6	5	15	9	5
34	21JU1A6134	13	12	5	12	2	5	15	8	5	15	9	5	15	8	5
35	21JU1A6135	10	4	5	6	4	5	10	2	5	15	4	5	14	2	5
36	21JU1A6136	4	4	5	3	2	5	12	4	5	15	6	5	13	4	5
37	21JU1A6137	7	5	5	2	5	5	10	3	5	14	6	5	12	5	5



38	21JU1A6138	1	8	5	0	6	5	9	2	5	4	5	5	8	5	5
39	21JU1A6139	1	7	5	1	4	5	9	5	5	8	6	5	3	3	5
40	21JU1A6140	4	2	5	1	4	5	8	3	5	9	5	5	9	5	5
41	21JU1A6141	AB	AB	5	AB	AB	5	14	8	5	AB	AB	5	14	6	5
42	21JU1A6142	12	10	5	5	7	5	14	9	5	15	9	5	14	6	5
43	21JU1A6143	7	11	5	15	6	5	13	7	5	15	9	5	14	7	5
44	21JU1A6144	12	10	5	15	8	5	15	8	5	15	8	5	13	6	5
45	21JU1A6145	5	8	5	7	9	5	12	10	5	14	4	5	10	3	5
46	21JU1A6146	AB	8	5	AB	AB	5	AB	6	5	AB	AB	5	AB	2	5
47	21JU1A6147	6	10	5	2	8	5	9	8	5	14	9	5	3	8	5
48	21JU1A6148	0	11	5	1	2	5	4	5	5	7	3	5	0	6	5
49	21JU1A6149	10	11	5	6	8	5	14	6	5	15	7	5	9	3	5
50	21JU1A6150	6	7	5	1	4	5	10	8	5	13	5	5	5	9	5
51	21JU1A6151	6	6	5	15	4	5	14	8	5	15	5	5	AB	AB	5
52	21JU1A6152	8	8	5	4	6	5	14	8	5	15	6	5	8	4	5
53	21JU1A6153	8	13	5	8	7	5	15	10	5	15	13	5	14	11	5
54	21JU1A6154	3	7	5	1	4	5	8	7	5	15	6	5	2	8	5
55	21JU1A6155	12	8	5	1	4	5	5	10	5	15	10	5	6	8	5
56	21JU1A6156	14	11	5	8	9	5	13	4	5	15	11	5	14	6	5
57	21JU1A6157	12	7	5	15	5	5	14	7	5	15	8	5	12	4	5
58	21JU1A6158	9	7	5	7	6	5	11	5	5	15	4	5	7	3	5
59	21JU1A6159	7	6	5	7	4	5	7	2	5	14	4	5	7	6	5
60	21JU1A6160	6	10	5	10	5	5	13	5	5	15	9	5	12	7	5
61	21JU1A6161	8	12	5	10	6	5	12	6	5	15	10	5	11	10	5
62	21JU1A6162	7	4	5	4	6	5	12	5	5	15	7	5	9	6	5
63	21JU1A6163	AB	AB	5	AB	AB	5	AB	AB	5	AB	AB	4	AB	AB	5
64	21JU1A6164	6	2	5	4	7	5	12	5	5	15	5	5	12	5	5
65	21JU1A6165	5	5	5	5	8	5	10	5	5	15	4	5	11	6	5
66	21JU1A6166	7	9	5	3	7	5	10	4	5	15	11	5	4	5	5
Signature of Faculty																

  
H.O.D

  
PRINCIPAL

S.NO	Roll No	M-II R201201			CHEMISTRY R201202			E M R201203			C PROGRAM R201204			BMCT R201205		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A0101	3	4	5	8	5	5	AB	3	5	6	3	5	12	10	5
2	21JU1A0102	5	6	5	8	6	5	9	7	5	6	11	5	12	8	5
3	21JU1A0103	12	6	5	10	6	5	14	5	5	8	8	5	13	6	5
4	21JU1A0104	14	5	5	12	5	5	14	1	5	15	4	5	15	8	5
5	21JU1A0105	10	5	5	13	6	5	14	4	5	11	7	5	14	3	5
6	21JU1A0106	8	6	5	AB	4	5	6	6	5	13	5	5	12	5	5
7	21JU1A0107	4	6	5	9	5	5	8	6	5	8	0	5	13	7	5
8	21JU1A0108	14	4	5	AB	5	5	AB	5	5	15	8	5	15	11	5
9	21JU1A0109	4	3	5	5	2	5	5	6	5	9	8	5	10	4	5
10	21JU1A0110	13	3	5	11	5	5	15	4	5	13	8	5	14	6	5
11	21JU1A0111	10	5	5	10	9	5	15	5	5	13	7	5	12	6	5
12	21JU1A0112	6	6	5	9	4	5	9	5	5	7	3	5	13	12	5
13	21JU1A0113	2	7	5	8	6	5	8	4	5	9	6	5	7	7	5
14	21JU1A0114	5	7	5	7	7	5	9	6	5	10	6	5	13	1	5
15	21JU1A0115	10	4	5	AB	7	5	AB	3	5	13	2	5	15	9	5
16	21JU1A0116	11	4	5	9	4	5	13	1	5	12	3	5	14	5	5
17	21JU1A0117	11	8	5	10	6	5	12	6	5	13	4	5	12	5	5
18	21JU1A0118	12	2	5	12	11	5	14	5	5	12	7	5	12	3	5
19	21JU1A0119	10	5	5	7	3	5	13	5	5	9	7	5	AB	6	5
20	21JU1A0120	3	5	5	2	3	5	5	4	5	9	5	5	10	6	5
21	21JU1A0121	13	6	5	10	4	5	15	5	5	15	3	5	14	5	5
22	21JU1A0122	14	5	5	9	4	5	15	5	5	15	4	5	15	7	5
23	21JU1A0123	7	4	5	8	8	5	8	5	5	7	6	5	12	5	5
Signature of faculty																

P.O.D

PRINCIPAL



S.NO	Roll No	M-II R201201			JAVA R201212			NA R201213			BEE R201214			AP R201207		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A0401	15	7	5	11	8	5	6	3	5	14	8	5	14	10	5
2	21JU1A0402	10	7	5	8	7	5	3	2	5	9	6	5	13	8	5
3	21JU1A0403	15	8	5	15	9	5	8	5	5	14	6	5	15	6	5
4	21JU1A0404	15	12	5	13	7	5	9	1	5	15	4	5	15	4	5
5	21JU1A0405	3	3	5	5	5	5	0	4	5	10	2	5	8	8	5
6	21JU1A0406	13	7	5	9	4	5	6	1	5	7	8	5	11	3	5
7	21JU1A0407	15	7	5	12	4	5	6	7	5	14	3	5	11	4	5
8	21JU1A0408	15	4	5	13	6	5	6	5	5	9	3	5	15	0	5
9	21JU1A0409	15	2	5	12	4	5	12	4	5	14	9	5	15	6	5
10	21JU1A0410	2	6	5	4	5	5	0	5	5	2	7	5	7	6	5
11	21JU1A0411	15	7	5	12	8	5	1	5	5	12	5	5	14	8	5
12	21JU1A0412	14	6	5	11	6	5	4	4	5	12	6	5	10	8	5
13	21JU1A0413	9	6	5	7	3	5	4	3	5	4	5	5	6	4	5
14	21JU1A0414	5	5	5	8	3	5	4	6	5	9	3	5	12	6	5
15	21JU1A0415	15	6	5	14	8	5	8	7	5	15	8	5	15	8	5
16	21JU1A0416	10	5	5	10	4	5	6	5	5	6	5	5	7	5	5
17	21JU1A0417	8	3	5	8	5	5	6	1	5	5	5	5	8	3	5
18	21JU1A0418	15	5	5	11	4	5	10	5	5	15	4	5	15	8	5
19	21JU1A0419	0	3	5	7	5	5	0	6	5	7	9	5	15	1	5
20	21JU1A0420	13	4	5	9	4	5	4	7	5	13	5	5	13	4	5
21	21JU1A0421	15	5	5	15	5	5	7	4	5	13	4	5	15	8	5
22	21JU1A0422	15	7	5	15	9	5	6	5	5	12	3	5	15	3	5
23	21JU1A0423	15	5	5	14	9	5	8	6	5	10	5	5	14	5	5
24	21JU1A0424	13	6	5	13	6	5	0	8	5	12	7	5	14	8	5
25	21JU1A0425	15	7	5	14	8	5	4	4	5	10	5	5	12	6	5
26	21JU1A0426	15	5	5	13	9	5	8	6	5	11	8	5	11	9	5
27	21JU1A0427	AB	5	5	8	6	5	4	6	5	6	6	5	15	5	5
28	21JU1A0428	12	5	5	11	6	5	3	5	5	10	7	5	13	7	5
29	21JU1A0429	11	9	5	12	7	5	6	3	5	6	4	5	15	7	5
30	21JU1A0430	12	6	5	13	4	5	4	5	5	10	3	5	15	4	5
31	21JU1A0431	14	5	5	12	6	5	6	6	5	14	9	5	15	4	5
32	21JU1A0432	13	5	5	8	4	5	2	1	5	5	5	5	14	7	5
33	21JU1A0433	15	6	5	13	5	5	6	0	5	10	6	5	14	4	5
34	21JU1A0434	13	6	5	15	3	5	4	11	5	12	9	5	13	8	5


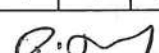

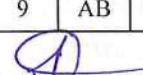

		M-II R201201			JAVA R201212			NA R201213			BEE R201214			AP R201207		
35	21JU1A0435	9	4	5	13	7	5	0	6	5	4	2	5	11	6	5
36	21JU1A0436	9	7	5	8	4	5	0	4	5	4	4	5	6	7	5
37	21JU1A0437	14	4	5	11	2	5	4	5	5	8	8	5	15	4	5
38	21JU1A0438	15	7	5	14	8	5	4	5	5	15	5	5	14	5	5
39	21JU1A0439	15	9	5	12	4	5	4	3	5	10	4	5	13	7	5
40	21JU1A0440	15	6	5	12	2	5	8	5	5	15	3	5	15	9	5
41	21JU1A0441	11	7	5	7	3	5	3	5	5	7	5	5	14	10	5
42	21JU1A0442	6	3	5	3	4	5	0	4	5	2	8	5	7	7	5
43	21JU1A0443	4	8	5	5	7	5	2	8	5	9	5	5	6	8	5
44	21JU1A0444	1	3	5	5	8	5	4	6	5	11	4	5	5	1	5
45	21JU1A0445	14	10	5	13	5	5	12	9	5	15	10	5	15	7	5
46	21JU1A0446	10	5	5	11	7	5	8	6	5	6	5	5	13	5	5
47	21JU1A0447	14	6	5	14	7	5	4	4	5	7	5	5	14	11	5
48	21JU1A0448	15	5	5	9	6	5	3	7	5	15	3	5	14	4	5
49	21JU1A0449	13	7	5	9	4	5	6	8	5	15	3	5	15	4	5
50	21JU1A0450	13	4	5	8	3	5	6	6	5	14	3	5	14	4	5
51	21JU1A0451	5	6	5	5	6	5	0	3	5	5	4	5	6	4	5
52	21JU1A0452	13	8	5	12	6	5	5	5	5	6	3	5	10	6	5
53	21JU1A0453	11	4	5	5	7	5	6	4	5	9	6	5	7	9	5
54	21JU1A0454	6	4	5	5	3	5	7	6	5	5	2	5	4	6	5
55	21JU1A0455	15	7	5	13	7	5	8	6	5	15	4	5	15	10	5
56	21JU1A0456	15	9	5	15	8	5	6	2	5	14	7	5	15	4	5
57	21JU1A0457	12	3	5	12	4	5	4	2	5	11	7	5	15	6	5
58	21JU1A0458	10	5	5	10	5	5	5	6	5	15	4	5	12	7	5
59	21JU1A0459	15	6	5	14	9	5	4	6	5	9	5	5	15	7	5
60	21JU1A0460	AB	AB	⊖	AB	AB	⊖	AB	AB	⊖	AB	AB	⊖	AB	AB	⊖
Signature of Faculty		<i>MV</i>			<i>P.M</i>			<i>⊖</i>			<i>⊖</i>			<i>⊖</i>		

*P.P*  
H.O.D

*W*  
PRINCIPAL



S.NO	Roll No	M-II R201201			JAVA R201212			NA R201213			BEE R201214			AP R201207		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A0461	AB	AB	0	AB	AB	0	AB	AB	0	AB	AB	0	AB	AB	0*
2	21JU1A0462	3	AB	5	AB	AB	5	AB	AB	5	AB	AB	5	4	8	5
3	21JU1A0463	15	7	5	15	5	5	5	2	5	10	4	5	13	10	5
4	21JU1A0464	10	3	5	13	6	5	5	2	5	13	8	5	11	9	5
5	21JU1A0465	12	13	5	14	8	5	5	5	5	6	5	5	12	7	5
6	21JU1A0466	12	7	5	14	11	5	5	1	5	13	9	5	11	9	5
7	21JU1A0467	7	AB	5	9	6	5	5	4	5	10	8	5	9	6	5
8	21JU1A0468	4	4	5	14	6	5	0	6	5	10	5	5	9	9	5
9	21JU1A0469	6	3	5	8	5	5	0	5	5	10	10	5	6	4	5
10	21JU1A0470	5	7	5	5	7	5	6	7	5	9	1	5	4	5	5
11	21JU1A0471	AB	3	5	9	3	5	2	7	5	9	7	5	6	3	5
12	21JU1A0472	13	8	5	13	8	5	6	3	5	15	2	5	11	5	5
13	21JU1A0473	12	9	5	12	8	5	6	4	5	7	7	5	9	5	5
14	21JU1A0474	10	7	5	10	5	5	9	6	5	9	4	5	11	10	5
15	21JU1A0475	8	8	5	6	4	5	6	5	5	5	8	5	4	3	5
16	21JU1A0476	7	3	5	6	5	5	2	7	5	5	6	5	4	7	5
17	21JU1A0477	15	9	5	13	7	5	6	8	5	15	6	5	10	9	5
18	21JU1A0478	8	7	5	11	3	5	5	7	5	12	6	5	6	4	5
19	21JU1A0479	15	12	5	15	8	5	5	6	5	15	5	5	14	11	5
20	21JU1A0480	15	7	5	15	9	5	5	6	5	15	5	5	13	7	5
21	21JU1A0481	10	7	5	14	4	5	5	8	5	15	9	5	10	10	5
22	21JU1A0482	9	6	5	13	5	5	5	7	5	8	7	5	11	4	5
23	21JU1A0483	8	7	5	12	4	5	5	3	5	12	5	5	13	7	5
24	21JU1A0484	12	6	5	13	2	5	5	3	5	8	5	5	11	4	5
25	21JU1A0485	AB	AB	5	AB	AB	5	AB	AB	5	AB	AB	5	AB	AB	0
26	21JU1A0486	5	5	5	5	4	5	4	4	5	6	5	5	6	7	5
27	21JU1A0487	10	8	5	12	3	5	4	5	5	11	7	5	5	6	5
28	21JU1A0488	6	7	5	9	6	5	4	6	5	9	5	5	6	1	5
29	21JU1A0489	10	7	5	14	8	5	5	6	5	5	5	5	7	13	5
30	21JU1A0490	10	5	5	10	7	5	3	6	5	15	6	5	9	5	5
31	21JU1A0491	8	2	5	10	5	5	2	6	5	7	2	5	5	7	5
32	21JU1A0492	8	7	5	10	6	5	5	5	5	15	3	5	8	6	5
33	21JU1A0493	12	3	5	15	6	5	6	6	5	13	6	5	13	5	5
34	21JU1A0494	8	5	5	7	7	5	6	5	5	14	6	5	8	4	5
35	21JU1A0495	AB	5	5	4	4	5	5	7	5	7	0	5	8	9	5
36	21JU1A0496	4	7	5	7	6	5	5	6	5	10	7	5	8	4	5
37	21JU1A0497	4	7	5	7	3	5	2	9	5	8	10	5	9	4	5



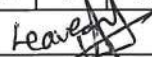

S.NO	Roll No	M-II R201201			JAVA R201212			N A R201213			B E E R201214			A P R201207		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
38	21JU1A0498	10	11	5	14	5	5	6	4	5	14	1	5	8	5	5
39	21JU1A0499	10	4	5	13	8	5	5	7	5	15	6	5	9	7	5
40	21JU1A04A0	12	7	5	12	3	5	5	6	5	10	4	5	10	8	5
41	21JU1A04A1	5	3	5	9	8	5	4	7	5	8	5	5	6	3	5
42	21JU1A04A2	AB	AB	5	AB	AB	5	AB	AB	5	AB	AB	5	AB	AB	0
43	21JU1A04A3	9	8	5	12	5	5	5	7	5	12	6	5	7	7	5
44	21JU1A04A4	15	9	5	15	8	5	5	5	5	12	4	5	12	8	5
45	21JU1A04A5	12	8	5	12	5	5	4	6	5	6	1	5	9	8	5
46	21JU1A04A6	9	4	5	11	10	5	3	4	5	7	6	5	9	5	5
47	21JU1A04A7	5	5	5	7	4	5	5	8	5	6	5	5	9	7	5
48	21JU1A04A8	14	3	5	14	9	5	4	9	5	12	7	5	7	5	5
49	21JU1A04A9	7	5	5	13	4	5	2	4	5	3	8	5	6	5	5
50	21JU1A04B0	12	12	5	13	3	5	7	5	5	11	8	5	12	5	5
51	21JU1A04B1	14	8	5	14	8	5	6	6	5	10	7	5	10	8	5
52	21JU1A04B2	5	3	5	12	8	5	6	6	5	10	6	5	9	5	5
53	21JU1A04B3	10	8	5	12	5	5	6	2	5	8	2	5	10	11	5
54	21JU1A04B4	9	10	5	13	6	5	3	6	5	10	6	5	9	6	5
55	21JU1A04B5	AB	8	5	11	6	5	3	9	5	6	7	5	2	6	5
56	21JU1A04B6	5	8	5	9	9	5	3	4	5	3	4	5	5	9	5
57	21JU1A04B7	15	13	5	14	10	5	10	4	5	10	1	5	10	8	5
58	21JU1A04B8	5	5	5	6	5	5	5	5	5	9	4	5	6	7	5
59	21JU1A04B9	8	3	5	7	0	5	6	5	5	9	AB	5	7	2	5
Signature of Faculty																

  
H.O.D

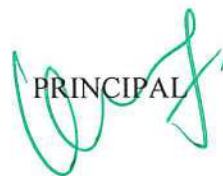
  
PRINCIPAL



S.NO	Roll No	M-II R201201			A C R201215			C O R201216			D S R201218			PYTHON R201225		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A05D3	14	8	5	11	3	5	13	2	5	12	7	5	12	9	5
2	21JU1A05D4	6	6	5	12	8	5	8	6	5	12	7	5	13	7	5
3	21JU1A05D5	15	5	5	13	3	5	14	6	5	14	10	5	15	5	5
4	21JU1A05D6	14	9	5	14	6	5	13	6	5	15	5	5	15	7	5
5	21JU1A05D7	12	4	5	12	6	5	8	5	5	13	4	5	13	3	5
6	21JU1A05D8	8	1	5	11	6	5	12	6	5	13	4	5	10	7	5
7	21JU1A05D9	13	8	5	12	6	5	13	5	5	13	7	5	13	5	5
8	21JU1A05E0	12	3	5	11	4	5	12	3	5	14	4	5	12	6	5
9	21JU1A05E1	15	7	5	12	6	5	13	7	5	13	6	5	15	5	5
10	21JU1A05E2	14	3	5	13	5	5	9	3	5	13	5	5	12	8	5
11	21JU1A05E3	7	4	5	11	3	5	11	7	5	14	6	5	15	9	5
12	21JU1A05E4	15	6	5	12	5	5	14	7	5	15	6	5	12	7	5
13	21JU1A05E5	15	7	5	14	9	5	15	8	5	14	8	5	15	6	5
14	21JU1A05E6	13	5	5	14	8	5	14	5	5	13	2	5	12	5	5
15	21JU1A05E7	10	AB	5	10	4	5	9	7	5	13	5	5	13	5	5
16	21JU1A05E8	12	3	5	12	6	5	AB	AB	5	13	4	5	13	7	5
17	21JU1A05E9	14	10	5	13	3	5	13	8	5	14	6	5	14	5	5
18	21JU1A05F0	13	6	5	12	7	5	14	9	5	14	6	5	12	5	5
19	21JU1A05F1	14	9	5	13	5	5	14	10	5	13	7	5	12	6	5
20	21JU1A05F2	12	4	5	11	3	5	14	6	5	13	5	5	10	7	5
21	21JU1A05F3	15	10	5	12	5	5	13	6	5	13	4	5	14	4	5
22	21JU1A05F4	14	7	5	12	3	5	11	2	5	15	2	5	15	7	5
23	21JU1A05F5	15	6	5	14	8	5	14	8	5	14	8	5	15	5	5
24	21JU1A05F6	9	6	5	9	6	5	13	4	5	13	4	5	14	6	5
25	21JU1A05F7	12	4	5	13	5	5	15	4	5	14	8	5	15	7	5
26	21JU1A05F8	13	9	5	12	8	5	14	9	5	14	10	5	15	6	5
27	21JU1A05F9	15	0	5	15	9	5	15	12	5	13	5	5	15	7	5
28	21JU1A05G0	15	7	5	14	11	5	15	12	5	14	6	5	15	13	5
29	21JU1A05G1	12	10	5	11	9	5	14	5	5	14	8	5	13	8	5
30	21JU1A05G2	10	3	5	9	6	5	12	3	5	13	6	5	12	7	5
31	21JU1A05G3	7	6	5	9	6	5	9	2	5	13	2	5	12	7	5
32	21JU1A05G4	13	3	5	13	4	5	11	5	5	14	4	5	13	5	5

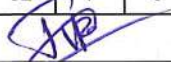
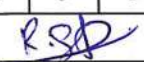

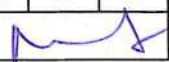
S.NO	Roll No	M-II R201201			A C R201215			C O R201216			D S R201218			PYTHON R201225		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
33	21JU1A05G5	15	10	5	14	4	5	10	5	5	14	7	5	13	6	5
34	21JU1A05G6	12	3	5	9	6	5	14	3	5	14	4	5	14	4	5
35	21JU1A05G7	AB	8	5	12	11	5	13	8	5	13	5	5	12	3	5
36	21JU1A05G8	15	7	5	9	7	5	15	2	5	14	3	5	14	4	5
37	21JU1A05G9	14	11	5	10	3	5	14	2	5	13	7	5	14	0	5
38	21JU1A05H0	13	6	5	12	5	5	11	5	5	13	7	5	12	6	5
39	21JU1A05H1	14	3	5	10	6	5	13	9	5	13	4	5	12	4	5
40	21JU1A05H2	13	7	5	11	3	5	12	4	5	14	4	5	13	4	5
41	21JU1A05H3	15	9	5	14	4	5	15	5	5	15	6	5	15	6	5
42	21JU1A05H4	13	5	5	8	5	5	10	7	5	12	11	5	13	7	5
43	21JU1A05H5	8	5	5	7	6	5	9	4	5	10	3	5	14	5	5
44	21JU1A05H6	15	12	5	12	6	5	15	9	5	14	7	5	14	6	5
45	21JU1A05H7	15	2	5	AB	4	5	15	9	5	15	8	5	15	10	5
46	21JU1A05H8	13	3	5	AB	5	5	13	6	5	13	8	5	AB	6	5
47	21JU1A05H9	15	9	5	11	7	5	14	5	5	14	2	5	15	7	5
48	21JU1A05I0	14	3	5	12	5	5	15	3	5	13	6	5	15	5	5
49	21JU1A05I1	12	4	5	11	5	5	13	3	5	15	5	5	14	9	5
50	21JU1A05I2	12	8	5	AB	5	5	7	3	5	8	4	5	15	4	5
51	21JU1A05I3	14	8	5	11	4	5	13	5	5	10	4	5	12	5	5
52	21JU1A05I4	13	7	5	10	2	5	10	9	5	10	2	5	12	3	5
53	21JU1A05I5	8	5	5	9	7	5	7	4	5	10	3	5	13	5	5
54	21JU1A05I6	10	4	5	7	5	5	5	7	5	8	5	5	12	4	5
55	21JU1A05I7	AB	AB	5	AB	AB	5	AB	AB	5	AB	AB	5	AB	AB	5
56	21JU1A05I8	15	6	5	12	1	5	AB	AB	5	14	3	5	14	4	5
57	21JU1A05I9	8	8	5	11	2	5	8	5	5	9	2	5	12	5	5
58	21JU1A05J1	13	2	5	12	6	5	13	7	5	14	5	5	15	5	5
59	21JU1A05J2	10	3	5	8	6	5	9	2	5	14	5	5	12	6	5
60	21JU1A05J3	13	6	5	8	2	5	12	7	5	13	2	5	13	5	5
61	21JU1A05J4	8	8	5	7	8	5	5	6	5	10	9	5	10	7	5
62	21JU1A05J5	15	7	5	10	7	5	15	9	5	13	8	5	15	3	5
63	21JU1A05J6	15	8	5	12	6	5	14	7	5	14	10	5	15	8	5
64	21JU1A05J7	14	5	5	9	2	5	15	4	5	13	9	5	15	5	5
65	21JU1A05J8	10	7	5	9	6	5	13	6	5	13	5	5	12	9	5
Signature of Faculty																

  
H.O.D

  
PRINCIPAL



S.NO	Roll No	M-II R201201			R201207 AP			R201218 DS			R201221 DLD			R201225 PYTHON		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A6101	6	6	5	4	6	5	11	6	5	3	2	5	14	8	5
2	21JU1A6102	8	8	5	13	6	5	12	5	5	9	4	5	12	4	5
3	21JU1A6103	10	8	5	15	5	5	14	6	5	12	9	5	14	7	5
4	21JU1A6104	6	4	5	4	4	5	12	3	5	6	3	5	10	7	5
5	21JU1A6105	14	6	5	15	9	5	15	7	5	15	6	5	15	5	5
6	21JU1A6106	12	7	5	15	7	5	15	6	5	15	3	5	15	5	5
7	21JU1A6107	7	4	5	5	10	5	11	7	5	11	3	5	12	7	5
8	21JU1A6108	10	5	5	15	8	5	15	8	5	14	7	5	14	6	5
9	21JU1A6109	5	6	5	12	2	5	13	1	5	12	4	5	5	4	5
10	21JU1A6110	6	5	5	9	6	5	13	5	5	8	5	5	12	5	5
11	21JU1A6111	11	7	5	15	7	5	12	10	5	13	7	5	15	7	5
12	21JU1A6112	11	7	5	15	7	5	15	6	5	12	5	5	15	7	5
13	21JU1A6113	14	6	5	15	1	5	15	13	5	15	8	5	13	9	5
14	21JU1A6114	12	6	5	15	8	5	15	4	5	14	5	5	15	4	5
15	21JU1A6115	13	8	5	15	10	5	14	5	5	14	5	5	15	10	5
16	21JU1A6116	15	5	5	15	7	5	15	6	5	14	12	5	14	10	5
17	21JU1A6117	7	5	5	8	10	5	12	3	5	9	7	5	14	6	5
18	21JU1A6118	4	9	5	9	7	5	11	12	5	12	2	5	13	3	5
19	21JU1A6119	14	6	5	15	7	5	15	8	5	14	6	5	12	8	5
20	21JU1A6120	14	9	5	15	8	5	15	4	5	15	6	5	12	6	5
21	21JU1A6121	2	1	5	5	6	5	10	4	5	5	5	5	10	5	5
22	21JU1A6122	11	5	5	15	8	5	14	8	5	15	3	5	10	7	5
23	21JU1A6123	10	6	5	12	8	5	9	7	5	12	6	5	12	9	5
24	21JU1A6124	7	5	5	5	3	5	8	4	5	12	10	5	15	6	5
25	21JU1A6125	6	4	5	10	7	5	12	6	5	11	7	5	AB	2	5
26	21JU1A6126	13	3	5	15	6	5	14	1	5	15	9	5	14	5	5
27	21JU1A6127	15	7	5	15	10	5	15	5	5	15	9	5	15	8	5
28	21JU1A6128	9	6	5	13	5	5	15	8	5	15	4	5	10	8	5
29	21JU1A6129	14	11	5	15	10	5	14	7	5	15	8	5	15	2	5
30	21JU1A6130	2	6	5	7	4	5	12	7	5	14	5	5	14	3	5
31	21JU1A6131	6	9	5	10	6	5	11	5	5	12	7	5	10	7	5
32	21JU1A6132	15	6	5	15	16	5	15	9	5	14	7	5	15	7	5
33	21JU1A6133	7	4	5	15	6	5	15	6	5	14	9	5	10	5	5




34	21JU1A6134	15	8	5	15	10	5	15	8	5	15	6	5	10	4	5
35	21JU1A6135	7	5	5	15	5	5	13	5	5	12	6	5	15	4	5
36	21JU1A6136	12	10	5	15	6	5	14	3	5	14	6	5	AB	6	5
37	21JU1A6137	7	6	5	6	4	5	10	8	5	11	7	5	10	6	5
38	21JU1A6138	4	8	5	5	7	5	9	7	5	8	3	5	10	4	5
39	21JU1A6139	6	6	5	6	4	5	11	5	5	10	3	5	10	6	5
40	21JU1A6140	3	6	5	6	6	5	10	5	5	5	1	5	10	7	5
41	21JU1A6141	10	6	5	15	7	5	14	7	5	14	5	5	15	5	5
42	21JU1A6142	11	9	5	15	11	5	13	11	5	14	10	5	10	8	5
43	21JU1A6143	9	4	5	15	8	5	14	8	5	11	5	5	13	5	5
44	21JU1A6144	10	6	5	15	4	5	15	5	5	15	7	5	14	6	5
45	21JU1A6145	10	6	5	10	5	5	13	6	5	9	6	5	12	7	5
46	21JU1A6146	10	9	5	11	9	5	15	3	5	9	10	5	12	5	5
47	21JU1A6147	10	7	5	9	10	5	11	4	5	10	3	5	10	5	5
48	21JU1A6148	5	5	5	1	7	5	10	5	5	6	5	5	14	5	5
49	21JU1A6149	12	11	5	15	9	5	13	6	5	14	5	5	14	6	5
50	21JU1A6150	AB	6	5	AB	AB	5	AB	AB	5	AB	AB	5	AB	AB	5
51	21JU1A6151	12	5	5	15	3	5	14	6	5	15	8	5	15	7	5
52	21JU1A6152	12	6	5	11	3	5	13	6	5	9	9	5	14	3	5
53	21JU1A6153	15	8	5	15	5	5	15	8	5	15	7	5	15	12	5
54	21JU1A6154	11	11	5	4	3	5	11	4	5	9	9	5	14	5	5
55	21JU1A6155	14	6	5	15	12	5	15	3	5	14	11	5	14	8	5
56	21JU1A6156	15	8	5	15	8	5	15	11	5	14	8	5	10	7	5
57	21JU1A6157	15	6	5	15	6	5	15	8	5	14	8	5	15	3	5
58	21JU1A6158	8	3	5	13	6	5	12	7	5	14	13	5	12	4	5
59	21JU1A6159	6	8	5	10	5	5	10	4	5	9	6	5	12	2	5
60	21JU1A6160	11	10	5	15	9	5	15	9	5	14	8	5	15	6	5
61	21JU1A6161	13	2	5	15	10	5	15	5	5	14	6	5	14	10	5
62	21JU1A6162	11	8	5	10	6	5	11	8	5	14	2	5	10	6	5
63	21JU1A6163	AB	AB	5	AB	AB	5	AB	AB	5	AB	AB	5	AB	AB	5
64	21JU1A6164	12	4	5	10	5	5	11	4	5	14	5	5	12	6	5
65	21JU1A6165	11	3	5	10	4	5	13	6	5	11	8	5	10	7	5
66	21JU1A6166	12	7	5	6	5	5	12	5	5	9	9	5	12	8	5
Signature of Faculty																

  
H.O.D.

  
PRINCIPAL



S.NO	Roll No	M-II R201201			A C R201215			C O R201216			D S R201218			PYTHON R201225		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A0501	15	5	5	8	7	5	9	10	5	14	8	5	6	7	5
2	21JU1A0502	AB	AB	5	AB	AB	5	AB	AB	5	AB	AB	5	AB	AB	5
3	21JU1A0503	14	4	5	0	1	5	7	9	5	12	2	5	5	5	5
4	21JU1A0504	15	10	5	0	AB	5	13	2	5	15	5	5	8	9	5
5	21JU1A0505	14	4	5	7	6	5	10	4	5	13	5	5	6	3	5
6	21JU1A0506	10	9	5	0	5	5	9	2	5	12	7	5	5	3	5
7	21JU1A0507	15	4	5	8	9	5	9	8	5	14	6	5	5	9	5
8	21JU1A0508	15	9	5	10	5	5	14	6	5	13	9	5	10	10	5
9	21JU1A0509	15	7	5	0	4	5	10	4	5	13	7	5	5	4	5
10	21JU1A0510	9	2	5	0	6	5	9	7	5	13	3	5	3	5	5
11	21JU1A0511	15	7	5	2	8	5	15	6	5	15	7	5	9	6	5
12	21JU1A0512	15	6	5	8	4	5	7	4	5	13	9	5	9	7	5
13	21JU1A0513	12	4	5	6	4	5	9	4	5	14	5	5	7	8	5
14	21JU1A0514	15	7	5	9	3	5	11	2	5	14	6	5	7	6	5
15	21JU1A0515	15	2	5	14	8	5	15	7	5	15	14	5	12	9	5
16	21JU1A0516	12	7	5	9	5	5	9	5	5	13	4	5	7	6	5
17	21JU1A0517	AB	AB	5	AB	AB	5	AB	AB	5	AB	AB	5	AB	AB	5
18	21JU1A0518	12	9	5	11	3	5	11	4	5	13	5	5	7	7	5
19	21JU1A0519	13	10	5	8	4	5	9	1	5	12	6	5	4	5	5
20	21JU1A0520	15	10	5	15	6	5	15	8	5	15	10	5	11	6	5
21	21JU1A0521	15	4	5	12	11	5	14	8	5	15	10	5	11	9	5
22	21JU1A0522	12	AB	5	9	6	5	11	6	5	13	8	5	6	3	5
23	21JU1A0523	13	4	5	10	4	5	13	7	5	13	7	5	7	2	5
24	21JU1A0524	15	5	5	12	6	5	13	3	5	14	3	5	AB	4	5
25	21JU1A0525	14	9	5	9	6	5	11	8	5	13	11	5	7	8	5
26	21JU1A0526	10	3	5	8	3	5	12	5	5	12	5	5	5	4	5
27	21JU1A0527	15	10	5	5	5	5	11	5	5	13	6	5	10	4	5
28	21JU1A0528	15	6	5	10	9	5	15	10	5	15	11	5	9	9	5
29	21JU1A0529	15	3	5	AB	AB	5	13	9	5	13	4	5	AB	AB	5
30	21JU1A0530	9	7	5	10	3	5	9	10	5	13	4	5	7	6	5
31	21JU1A0531	15	7	5	13	8	5	15	11	5	15	11	5	9	6	5
32	21JU1A0532	15	7	5	10	7	5	15	9	5	15	8	5	10	5	5
33	21JU1A0533	13	4	5	7	5	5	11	9	5	13	5	5	10	7	5
34	21JU1A0534	15	4	5	13	13	5	14	10	5	15	7	5	10	3	5
35	21JU1A0535	15	AB	5	9	6	5	AB	AB	5	AB	AB	5	AB	7	5
36	21JU1A0536	14	7	5	10	9	5	14	8	5	14	8	5	6	8	5
37	21JU1A0537	AB	AB	5	AB	AB	5	AB	AB	5	AB	AB	5	AB	AB	5
38	21JU1A0538	15	9	5	7	7	5	9	7	5	14	7	5	9	7	5
39	21JU1A0539	13	3	5	6	4	5	9	6	5	13	9	5	9	9	5
40	21JU1A0540	10	7	5	8	1	5	9	4	5	13	7	5	9	5	5
41	21JU1A0541	12	3	5	8	6	5	9	7	5	13	6	5	6	6	5
42	21JU1A0542	13	AB	5	5	3	5	10	4	5	14	6	5	6	6	5
43	21JU1A0543	13	6	5	9	6	5	11	8	5	14	5	5	10	9	5
44	21JU1A0544	14	10	5	10	9	5	13	6	5	14	6	5	9	8	5
45	21JU1A0545	13	7	5	9	12	5	12	7	5	14	2	5	11	4	5
46	21JU1A0546	13	9	5	10	7	5	9	2	5	13	6	5	6	7	5

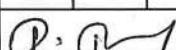
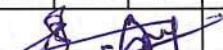
S.NO	Roll No	M-II R201201			A C R201215			C O R201216			D S R201218			PYTHON R201225		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
47	21JU1A0547	10	7	5	11	3	5	9	8	5	13	3	5	9	7	5
48	21JU1A0548	12	6	5	12	4	5	10	1	5	14	5	5	6	7	5
49	21JU1A0549	15	5	5	13	10	5	12	9	5	13	11	5	6	3	5
50	21JU1A0550	15	6	5	8	6	5	13	8	5	15	3	5	10	8	5
51	21JU1A0551	6	6	5	12	10	5	10	3	5	14	5	5	7	9	5
52	21JU1A0552	10	3	5	2	5	5	12	7	5	13	5	5	8	8	5
53	21JU1A0553	4	2	5	0	7	5	6	10	5	13	9	5	3	6	5
54	21JU1A0554	12	3	5	12	4	5	10	5	5	13	5	5	7	4	5
55	21JU1A0555	15	5	5	8	7	5	13	6	5	14	9	5	8	9	5
56	21JU1A0556	AB	AB	5	AB	AB	5	AB	AB	5	AB	AB	5	AB	AB	5
57	21JU1A0557	12	7	5	7	5	5	15	8	5	14	6	5	7	5	5
58	21JU1A0558	15	1	5	7	5	5	14	4	5	15	7	5	10	9	5
59	21JU1A0559	15	5	5	8	4	5	14	5	5	13	5	5	7	2	5
60	21JU1A0560	14	7	5	8	6	5	11	4	5	15	6	5	5	11	5
61	21JU1A0561	AB	6	5	9	5	5	12	7	5	15	4	5	9	9	5
62	21JU1A0562	13	5	5	2	5	5	14	7	5	13	8	5	6	8	5
63	21JU1A0563	14	10	5	3	2	5	14	6	5	14	5	5	6	6	5
64	21JU1A0564	12	8	5	11	3	5	15	7	5	14	6	5	7	5	5
65	21JU1A0565	15	8	5	9	9	5	15	6	5	15	4	5	10	8	5
66	21JU1A0566	15	7	5	9	8	5	14	3	5	14	5	5	12	8	5
Signature of Faculty																

  
H.O.D

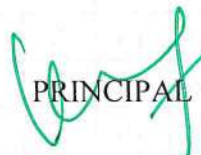
  
PRINCIPAL



S.NO	Roll No	M-II R201201			A C R201215			C O R201216			D S R201218			PYTHON R201225		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
1	21JU1A0567	15	11	5	15	7	5	15	6	5	15	6	5	11	7	5
2	21JU1A0568	13	9	5	8	3	5	15	4	5	15	5	5	9	5	5
3	21JU1A0569	11	4	5	8	5	5	14	5	5	13	4	5	4	1	5
4	21JU1A0570	AB	5	5	10	4	5	10	5	5	13	5	5	4	6	5
5	21JU1A0571	9	4	5	8	AB	5	10	3	5	13	7	5	5	6	5
6	21JU1A0572	13	8	5	0	3	5	14	2	5	13	7	5	5	3	5
7	21JU1A0573	15	6	5	0	5	5	15	7	5	14	6	5	7	5	5
8	21JU1A0574	15	7	5	2	6	5	15	4	5	15	4	5	11	7	5
9	21JU1A0575	14	5	5	4	2	5	15	1	5	13	4	5	10	6	5
10	21JU1A0576	14	7	5	AB	AB	5	10	3	5	13	5	5	6	3	5
11	21JU1A0577	11	5	5	0	7	5	14	8	5	13	3	5	4	2	5
12	21JU1A0578	15	3	5	0	7	5	10	7	5	14	7	5	5	9	5
13	21JU1A0579	9	5	5	6	6	5	9	7	5	13	5	5	8	5	5
14	21JU1A0580	9	8	5	0	4	5	10	2	5	14	3	5	5	7	5
15	21JU1A0581	13	5	5	6	3	5	15	7	5	13	6	5	8	5	5
16	21JU1A0582	8	3	5	0	5	5	15	6	5	13	7	5	7	4	5
17	21JU1A0583	15	2	5	1	5	5	15	7	5	14	8	5	7	9	5
18	21JU1A0584	5	4	5	1	5	5	5	3	5	14	3	5	3	1	5
19	21JU1A0585	15	6	5	0	10	5	15	6	5	15	12	5	10	5	5
20	21JU1A0586	10	5	5	2	AB	5	9	3	5	13	3	5	2	5	5
21	21JU1A0587	15	5	5	0	5	5	15	7	5	15	7	5	9	7	5
22	21JU1A0588	15	9	5	0	6	5	15	9	5	15	9	5	10	16	5
23	21JU1A0589	5	4	5	1	6	5	5	4	5	13	3	5	3	4	5
24	21JU1A0590	8	6	5	2	4	5	14	5	5	13	11	5	3	3	5
25	21JU1A0591	15	3	5	0	7	5	15	4	5	13	3	5	4	6	5
26	21JU1A0592	8	2	5	8	5	5	12	5	5	13	5	5	3	6	5
27	21JU1A0593	0	6	5	2	6	5	9	7	5	13	8	5	4	7	5
28	21JU1A0594	12	6	5	5	6	5	12	6	5	14	9	5	7	3	5
29	21JU1A0595	15	7	5	0	7	5	12	4	5	13	8	5	2	8	5
30	21JU1A0596	15	7	5	5	6	5	15	7	5	15	7	5	10	14	5
31	21JU1A0597	15	5	5	7	9	5	13	5	5	14	4	5	9	11	5
32	21JU1A0598	13	5	5	8	2	5	13	6	5	13	3	5	3	5	5
33	21JU1A0599	15	7	5	11	8	5	15	3	5	14	13	5	9	8	5
34	21JU1A05A0	15	7	5	8	4	5	13	3	5	13	6	5	6	8	5
35	21JU1A05A1	10	6	5	10	8	5	10	3	5	13	4	5	5	5	5
36	21JU1A05A2	15	5	5	9	5	5	15	3	5	14	8	5	8	5	5
37	21JU1A05A3	10	5	5	1	7	5	14	6	5	13	5	5	3	5	5
38	21JU1A05A4	AB	6	5	1	5	5	13	5	5	13	2	5	3	5	5






S.NO	Roll No	M-II R201201			A C R201215			C O R201216			D S R201218			PYTHON R201225		
		MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS	MID	QIZ	AS
39	21JU1A05A5	12	4	5	3	10	5	10	2	5	14	2	5	3	9	5
40	21JU1A05A6	11	2	5	1	6	5	12	5	5	13	5	5	6	3	5
41	21JU1A05A7	15	10	5	1	8	5	14	6	5	14	9	5	4	12	5
42	21JU1A05A8	14	3	5	0	2	5	10	9	5	14	5	5	3	7	5
43	21JU1A05A9	9	5	5	8	4	5	10	5	5	14	4	5	5	9	5
44	21JU1A05B0	10	7	5	4	3	5	10	7	5	14	3	5	5	5	5
45	21JU1A05B1	9	4	5	3	3	5	13	8	5	13	4	5	5	5	5
46	21JU1A05B2	13	8	5	0	8	5	15	6	5	AB	10	5	4	AB	5
47	21JU1A05B3	15	8	5	6	3	5	15	2	5	14	2	5	9	5	5
48	21JU1A05B4	8	8	5	8	4	5	10	10	5	14	6	5	7	6	5
49	21JU1A05B5	15	5	5	12	6	5	10	6	5	14	8	5	8	9	5
50	21JU1A05B6	6	6	5	0	3	5	10	7	5	14	8	5	5	3	5
51	21JU1A05B7	10	7	5	10	5	5	12	3	5	13	8	5	3	4	5
52	21JU1A05B8	13	6	5	13	7	5	15	4	5	14	7	5	9	7	5
53	21JU1A05B9	15	4	5	1	4	5	12	6	5	14	10	5	4	6	5
54	21JU1A05C0	8	3	5	0	7	5	11	5	5	13	9	5	2	5	5
55	21JU1A05C1	15	7	5	1	7	5	12	11	5	14	9	5	7	10	5
56	21JU1A05C2	10	8	5	14	5	5	11	4	5	13	10	5	5	10	5
57	21JU1A05C3	1	2	5	AB	0	5	AB	AB	5	14	6	5	4	5	5
58	21JU1A05C4	1	4	5	0	3	5	8	2	5	14	7	5	5	4	5
59	21JU1A05C5	11	4	5	12	6	5	13	3	5	14	10	5	8	5	5
60	21JU1A05C6	15	5	5	2	7	5	15	7	5	14	8	5	6	3	5
61	21JU1A05C7	15	12	5	8	10	5	15	5	5	14	6	5	6	11	5
62	21JU1A05C8	6	5	5	0	3	5	2	4	5	14	3	5	4	4	5
63	21JU1A05C9	6	4	5	11	4	5	13	7	5	13	6	5	6	4	5
64	21JU1A05D0	3	3	5	3	8	5	10	8	5	13	6	5	4	6	5
65	21JU1A05D1	15	3	5	4	7	5	12	6	5	13	6	5	6	11	5
66	21JU1A05D2	3	4	5	AB	AB	5	11	4	5	14	7	5	4	3	5
Signature of Faculty																

  
H.O.D

  
PRINCIPAL



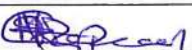
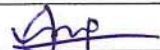

Krishnachaitanya Institute of Technology and Sciences :: Markapur  
 CLASS: I-B.TECH,I-SEM INTERNAL LAB MARKS  
 BRANCH: CE

S.No	Reg.No	R201106 ECS Lab	R201107 EP Lab	R201108 BasicCivil Engg workshop	R201105L ENGG. Geology	ED
1	21JU1A0101	12	11	13	14	23
2	21JU1A0102	10	10	14	13	25
3	21JU1A0103	10	10	14	14	29
4	21JU1A0104	13	12	15	14	24
5	21JU1A0105	10	12	14	15	26
6	21JU1A0106	10	12	13	15	26
7	21JU1A0107	10	12	13	13	22
8	21JU1A0108	10	14	13	14	29
9	21JU1A0109	13	11	14	14	26
10	21JU1A0110	12	14	15	13	30
11	21JU1A0111	10	13	14	13	28
12	21JU1A0112	10	14	14	15	26
13	21JU1A0113	10	10	12	13	20
14	21JU1A0114	12	12	13	12	26
15	21JU1A0115	13	15	14	15	28
16	21JU1A0116	12	12	14	14	28
17	21JU1A0117	13	13	14	14	28
18	21JU1A0118	12	13	13	13	27
19	21JU1A0119	10	13	14	14	25
20	21JU1A0120	10	10	13	12	26
21	21JU1A0121	13	15	14	14	27
22	21JU1A0122	12	13	14	13	26
23	21JU1A0123	10	12	14	14	23
Signature of the Faculty						

  
 HOD  


  
 PRINCIPAL

S.No	Reg.No	R201106 ECS LAB	R201116 AC Lab	R201113 PPSC LAB	R201104E D
1	21JU1A0401	13	8	14	30
2	21JU1A0402	12	8	13	27
3	21JU1A0403	13	12	15	30
4	21JU1A0404	14	13	15	30
5	21JU1A0405	12	11	13	24
6	21JU1A0406	12	8	12	23
7	21JU1A0407	13	13	14	27
8	21JU1A0408	13	10	14	24
9	21JU1A0409	12	11	14	23
10	21JU1A0410	12	8	11	24
11	21JU1A0411	14	12	14	30
12	21JU1A0412	12	11	12	26
13	21JU1A0413	13	9	12	24
14	21JU1A0414	12	10	14	26
15	21JU1A0415	14	13	14	30
16	21JU1A0416	12	8	13	24
17	21JU1A0417	12	9	12	24
18	21JU1A0418	12	10	15	26
19	21JU1A0419	13	14	11	26
20	21JU1A0420	12	12	13	23
21	21JU1A0421	12	13	15	28
22	21JU1A0422	13	13	15	30
23	21JU1A0423	12	9	12	28
24	21JU1A0424	12	9	15	28
25	21JU1A0425	12	9	12	26
26	21JU1A0426	12	10	14	26
27	21JU1A0427	12	12	13	25
28	21JU1A0428	13	12	14	30
29	21JU1A0429	13	13	14	26
30	21JU1A0430	13	12	14	28
31	21JU1A0431	13	11	13	26
32	21JU1A0432	12	10	12	24
33	21JU1A0433	13	14	15	24
34	21JU1A0434	13	12	15	28
35	21JU1A0435	13	14	12	26
36	21JU1A0436	13	9	13	24
37	21JU1A0437	12	10	13	26

S.No	Reg.No	R201106 ECS LAB	R201116 AC Lab	R201113 PPSC LAB	R201104E D
38	21JU1A0438	13	11	15	26
39	21JU1A0439	12	10	12	27
40	21JU1A0440	13	11	15	27
41	21JU1A0441	12	8	15	25
42	21JU1A0442	12	9	13	23
43	21JU1A0443	12	9	14	24
44	21JU1A0444	13	12	12	23
45	21JU1A0445	13	11	15	25
46	21JU1A0446	12	9	15	28
47	21JU1A0447	13	14	15	30
48	21JU1A0448	13	9	15	29
49	21JU1A0449	13	10	14	25
50	21JU1A0450	12	8	12	24
51	21JU1A0451	12	9	12	25
52	21JU1A0452	12	10	14	26
53	21JU1A0453	12	12	14	24
54	21JU1A0454	12	11	13	24
55	21JU1A0455	13	9	15	27
56	21JU1A0456	13	13	15	28
57	21JU1A0457	13	10	15	30
58	21JU1A0458	13	10	15	29
59	21JU1A0459	13	12	14	29
60	21JU1A0460	13	11	15	30
61	21JU1A0461	12	8	14	25
62	21JU1A0462	12	8	13	26
63	21JU1A0463	13	13	15	30
64	21JU1A0464	13	11	14	28
65	21JU1A0465	13	13	15	30
Signature of the Faculty					

H O D

PRINCIPAL



S.No	Reg.No	R201106 ECS LAB	R201116 AC Lab	R201113 PPSC LAB	ED
1	21JU1A0466	13	12	15	29
2	21JU1A0467	10	9	10	28
3	21JU1A0468	13	13	11	27
4	21JU1A0469	12	12	11	28
5	21JU1A0470	13	13	10	27
6	21JU1A0471	12	9	10	26
7	21JU1A0472	13	13	15	30
8	21JU1A0473	12	12	10	29
9	21JU1A0474	12	12	13	30
10	21JU1A0475	10	12	11	27
11	21JU1A0476	12	10	13	28
12	21JU1A0477	13	13	15	29
13	21JU1A0478	13	10	10	28
14	21JU1A0479	12	13	15	30
15	21JU1A0480	13	13	14	28
16	21JU1A0481	13	12	14	30
17	21JU1A0482	13	12	13	29
18	21JU1A0483	13	9	11	24
19	21JU1A0484	12	13	15	27
20	21JU1A0485	12	10	AB	27
21	21JU1A0486	10	10	12	24
22	21JU1A0487	10	12	12	29
23	21JU1A0488	10	12	9	25
24	21JU1A0489	13	13	15	29
25	21JU1A0490	10	12	15	29
26	21JU1A0491	10	8	12	25
27	21JU1A0492	10	10	15	25
28	21JU1A0493	13	13	15	28
29	21JU1A0494	13	14	11	26
30	21JU1A0495	13	11	10	27
31	21JU1A0496	10	12	10	28
32	21JU1A0497	12	11	13	28
33	21JU1A0498	13	13	13	29




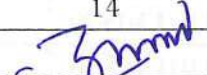


S.No	Reg.No	R201106 ECS LAB	R201116 AC Lab	R201113 PPSC LAB	ED
34	21JU1A0499	13	14	14	29
35	21JU1A04A0	13	13	15	28
36	21JU1A04A1	10	11	125	25
37	21JU1A04A2	12	10	10	24
38	21JU1A04A3	13	14	15	30
39	21JU1A04A4	13	15	15	30
40	21JU1A04A5	12	12	11	26
41	21JU1A04A6	10	11	10	28
42	21JU1A04A7	10	12	13	24
43	21JU1A04A8	10	13	13	30
44	21JU1A04A9	10	12	10	29
45	21JU1A04B0	13	13	14	27
46	21JU1A04B1	13	13	13	29
47	21JU1A04B2	10	11	12	25
48	21JU1A04B3	10	12	13	25
49	21JU1A04B4	12	12	12	30
50	21JU1A04B5	13	13	11	26
51	21JU1A04B6	10	11	10	28
52	21JU1A04B7	13	13	15	29
53	21JU1A04B8	13	12	10	28
54	21JU1A04B9	13	10	10	24

  
HOD

  
PRINCIPAL

S.No	Reg.No	R201118 C E WORKSHOP LAB	R201106 ECS LAB	R201119 AP LAB	R201113 PPSC LAB
1	21JU1A0501	13	13	14	14
2	21JU1A0502	10	10	10	13
3	21JU1A0503	14	10	12	12
4	21JU1A0504	14	14	14	14
5	21JU1A0505	11	14	12	13
6	21JU1A0506	14	13	12	12
7	21JU1A0507	15	12	13	14
8	21JU1A0508	13	14	12	12
9	21JU1A0509	14	13	11	14
10	21JU1A0510	11	10	12	12
11	21JU1A0511	15	13	15	15
12	21JU1A0512	15	13	14	14
13	21JU1A0513	14	14	14	15
14	21JU1A0514	14	12	14	14
15	21JU1A0515	15	14	14	15
16	21JU1A0516	14	10	12	13
17	21JU1A0517	13	11	14	13
18	21JU1A0518	14	13	13	14
19	21JU1A0519	12	10	13	13
20	21JU1A0520	15	15	15	14
21	21JU1A0521	13	14	14	13
22	21JU1A0522	10	AB	10	9
23	21JU1A0523	14	14	14	13
24	21JU1A0524	15	13	14	14
25	21JU1A0525	4	12	13	13
26	21JU1A0526	13	12	13	14
27	21JU1A0527	13	13	13	14
28	21JU1A0528	15	14	14	12
29	21JU1A0529	15	13	13	14
30	21JU1A0530	13	14	14	13
31	21JU1A0531	15	14	14	14
32	21JU1A0532	15	14	14	15
33	21JU1A0533	14	11	14	14
34	21JU1A0534	15	14	14	13
35	21JU1A0535	14	14	15	14
36	21JU1A0536	14	14	12	14
37	21JU1A0537	13	11	13	15

S.No	Reg.No	R201118 C E WORKSHOP LAB	R201106 ECS LAB	R201119 AP LAB	R201113 PPSC LAB
38	21JU1A0538	14	14	13	14
39	21JU1A0539	14	11	14	13
40	21JU1A0540	13	12	12	14
41	21JU1A0541	13	10	13	12
42	21JU1A0542	14	13	12	15
43	21JU1A0543	12	12	12	15
44	21JU1A0544	14	14	14	12
45	21JU1A0545	13	12	14	12
46	21JU1A0546	15	12	15	15
47	21JU1A0547	11	13	13	12
48	21JU1A0548	14	14	13	14
49	21JU1A0549	15	14	13	14
50	21JU1A0550	13	14	14	13
51	21JU1A0551	14	14	13	13
52	21JU1A0552	15	14	14	15
53	21JU1A0553	11	10	11	12
54	21JU1A0554	14	13	12	15
55	21JU1A0555	15	14	14	12
56	21JU1A0556	10	AB	10	9
57	21JU1A0557	11	12	14	12
58	21JU1A0558	15	14	13	15
59	21JU1A0559	13	14	13	13
60	21JU1A0560	13	14	14	14
61	21JU1A0561	11	13	12	13
62	21JU1A0562	13	13	13	13
63	21JU1A0563	14	14	14	14
64	21JU1A0564	12	14	13	15
65	21JU1A0565	15	14	15	13
66	21JU1A0566	14	14	13	14
Signature of the Faculty					

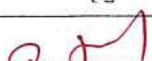


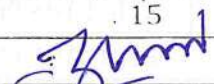
  
H O D

  
PRINCIPAL



S.No	Reg.No	R201118 C E WORKSHOP LAB	R201106 ECS LAB	R201119 AP LAB	R201113 PPSC LAB
1	21JU1A0567	15	12	13	14
2	21JU1A0568	12	15	14	13
3	21JU1A0569	12	12	14	12
4	21JU1A0570	13	14	11	14
5	21JU1A0571	12	10	11	12
6	21JU1A0572	14	14	15	14
7	21JU1A0573	15	15	13	15
8	21JU1A0574	15	12	14	14
9	21JU1A0575	14	14	12	13
10	21JU1A0576	10	11	14	12
11	21JU1A0577	12	14	14	15
12	21JU1A0578	11	14	13	15
13	21JU1A0579	12	13	12	13
14	21JU1A0580	12	14	12	15
15	21JU1A0581	14	14	15	14
16	21JU1A0582	10	12	14	14
17	21JU1A0583	14	13	14	15
18	21JU1A0584	10	9	13	13
19	21JU1A0585	14	15	15	14
20	21JU1A0586	11	10	14	12
21	21JU1A0587	15	15	13	15
22	21JU1A0588	15	15	14	15
23	21JU1A0589	10	12	13	13
24	21JU1A0590	10	14	14	12
25	21JU1A0591	14	14	13	15
26	21JU1A0592	11	12	12	14
27	21JU1A0593	12	12	12	13
28	21JU1A0594	9	15	12	14
29	21JU1A0595	13	15	13	14
30	21JU1A0596	15	15	15	15
31	21JU1A0597	14	15	13	14
32	21JU1A0598	12	12	12	15
33	21JU1A0599	15	15	15	15
34	21JU1A05A0	14	14	13	14
35	21JU1A05A1	13	10	11	12
36	21JU1A05A2	14	14	13	14


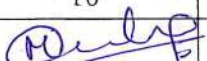
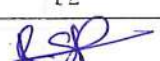



S.No	Reg.No	R201118 C E WORKSHOP LAB	R201106 ECS LAB	R201119 AP LAB	R201113 PPSC LAB
37	21JU1A05A3	10	13	13	13
38	21JU1A05A4	14	12	14	14
39	21JU1A05A5	14	13	14	13
40	21JU1A05A6	11	14	13	14
41	21JU1A05A7	13	14	13	15
42	21JU1A05A8	13	12	12	15
43	21JU1A05A9	13	12	13	15
44	21JU1A05B0	9	11	13	14
45	21JU1A05B1	11	13	13	12
46	21JU1A05B2	13	15	14	14
47	21JU1A05B3	10	14	14	13
48	21JU1A05B4	10	11	14	14
49	21JU1A05B5	11	15	13	12
50	21JU1A05B6	13	11	12	15
51	21JU1A05B7	9	14	11	13
52	21JU1A05B8	10	13	13	15
53	21JU1A05B9	14	15	13	14
54	21JU1A05C0	10	14	15	14
55	21JU1A05C1	10	13	14	13
56	21JU1A05C2	10	12	13	15
57	21JU1A05C3	9	14	11	10
58	21JU1A05C4	9	14	12	12
59	21JU1A05C5	13	14	14	15
60	21JU1A05C6	12	14	13	14
61	21JU1A05C7	14	14	12	15
62	21JU1A05C8	10	13	12	14
63	21JU1A05C9	12	13	12	14
64	21JU1A05D0	11	13	13	15
65	21JU1A05D1	14	14	13	13
66	21JU1A05D2	12	13	13	15
Signature of the Faculty					

  
HOD

  
PRINCIPAL

S.No	Reg.No	R201118 C E WORKSHOP LAB	R201106 ECS LAB	R201119 AP LAB	R201113 PPSC LAB
1	21JU1A05D3	15	15	14	13
2	21JU1A05D4	14	15	14	14
3	21JU1A05D5	13	15	14	14
4	21JU1A05D6	14	15	15	15
5	21JU1A05D7	14	13	14	13
6	21JU1A05D8	13	14	14	14
7	21JU1A05D9	13	10	14	13
8	21JU1A05E0	14	12	14	12
9	21JU1A05E1	14	15	14	14
10	21JU1A05E2	13	12	14	12
11	21JU1A05E3	15	14	14	13
12	21JU1A05E4	15	15	14	13
13	21JU1A05E5	15	15	15	15
14	21JU1A05E6	15	13	13	14
15	21JU1A05E7	13	12	12	13
16	21JU1A05E8	15	11	13	14
17	21JU1A05E9	14	14	12	15
18	21JU1A05F0	15	15	13	14
19	21JU1A05F1	14	15	14	15
20	21JU1A05F2	14	12	12	14
21	21JU1A05F3	14	14	14	13
22	21JU1A05F4	14	12	13	14
23	21JU1A05F5	14	14	14	14
24	21JU1A05F6	13	13	12	15
25	21JU1A05F7	14	13	13	14
26	21JU1A05F8	14	14	14	14
27	21JU1A05F9	15	14	14	13
28	21JU1A05G0	15	15	15	14
29	21JU1A05G1	14	12	12	12
30	21JU1A05G2	13	13	11	12
31	21JU1A05G3	14	12	13	13
32	21JU1A05G4	14	12	12	12
33	21JU1A05G5	13	13	12	14
34	21JU1A05G6	14	12	13	13

35	21JU1A05G7	14	13	14	13
36	21JU1A05G8	14	14	14	13
37	21JU1A05G9	13	15	13	12
38	21JU1A05H0	14	12	11	12
39	21JU1A05H1	14	13	14	12
40	21JU1A05H2	14	15	13	15
41	21JU1A05H3	15	15	15	15
42	21JU1A05H4	14	10	11	14
43	21JU1A05H5	12	11	11	12
44	21JU1A05H6	15	13	12	14
45	21JU1A05H7	14	14	15	14
46	21JU1A05H8	13	14	12	12
47	21JU1A05H9	14	15	15	13
48	21JU1A05I0	14	13	13	12
49	21JU1A05I1	14	14	14	14
50	21JU1A05I2	13	10	11	12
51	21JU1A05I3	13	12	13	12
52	21JU1A05I4	14	13	11	14
53	21JU1A05I5	13	10	13	15
54	21JU1A05I6	13	11	12	13
55	21JU1A05I7	10	13	10	AB
56	21JU1A05I8	14	13	13	15
57	21JU1A05I9	13	11	10	13
58	21JU1A05J0	AB	AB	AB	AB
59	21JU1A05J1	13	14	13	12
60	21JU1A05J2	13	13	10	14
61	21JU1A05J3	13	13	11	13
62	21JU1A05J4	14	12	13	13
63	21JU1A05J5	15	14	15	15
64	21JU1A05J6	15	15	15	15
65	21JU1A05J7	14	11	13	15
66	21JU1A05J8	12	10	12	13
Signature of the Faculty					


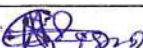
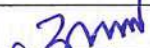
  
HOD

  
PRINCIPAL



S.No	Reg.No	R201118 C E WORKSHOP LAB	R201106 ECS LAB	R201116 AC LAB	R201113 PPSC LAB
1	21JU1A6101	12	12	13	11
2	21JU1A6102	11	14	10	11
3	21JU1A6103	13	15	11	11
4	21JU1A6104	11	13	9	12
5	21JU1A6105	12	13	1	15
6	21JU1A6106	15	13	12	13
7	21JU1A6107	13	13	11	11
8	21JU1A6108	13	14	13	15
9	21JU1A6109	12	11	13	13
10	21JU1A6110	12	11	12	11
11	21JU1A6111	14	14	12	14
12	21JU1A6112	14	14	12	15
13	21JU1A6113	15	15	14	15
14	21JU1A6114	13	15	13	13
15	21JU1A6115	15	15	13	13
16	21JU1A6116	14	15	14	14
17	21JU1A6117	13	13	12	11
18	21JU1A6118	12	14	13	14
19	21JU1A6119	13	15	13	14
20	21JU1A6120	14	15	14	12
21	21JU1A6121	13	12	13	11
22	21JU1A6122	13	15	13	12
23	21JU1A6123	11	13	9	11
24	21JU1A6124	10	14	10	12
25	21JU1A6125	14	13	14	11
26	21JU1A6126	14	15	12	14
27	21JU1A6127	15	15	13	15
28	21JU1A6128	13	14	13	13
29	21JU1A6129	15	15	14	15
30	21JU1A6130	12	13	11	13
31	21JU1A6131	12	11	13	11
32	21JU1A6132	13	14	13	14
33	21JU1A6133	14	15	15	15
34	21JU1A6134	14	15	14	14
35	21JU1A6135	13	12	11	13
36	21JU1A6136	14	12	12	12



37	21JU1A6137	11	13	12	11
38	21JU1A6138	10	14	10	11
39	21JU1A6139	10	14	9	11
40	21JU1A6140	9	12	10	10
41	21JU1A6141	13	14	15	13
42	21JU1A6142	12	14	13	12
43	21JU1A6143	13	15	14	12
44	21JU1A6144	13	15	13	15
45	21JU1A6145	12	13	14	11
46	21JU1A6146	11	14	11	12
47	21JU1A6147	11	14	13	11
48	21JU1A6148	10	13	9	11
49	21JU1A6149	11	15	14	13
50	21JU1A6150	13	14	12	12
51	21JU1A6151	14	14	14	15
52	21JU1A6152	14	15	14	15
53	21JU1A6153	14	14	13	15
54	21JU1A6154	12	12	12	11
55	21JU1A6155	13	13	13	13
56	21JU1A6156	13	13	14	14
57	21JU1A6157	14	15	13	15
58	21JU1A6158	12	12	13	13
59	21JU1A6159	12	11	12	13
60	21JU1A6160	13	15	13	14
61	21JU1A6161	12	13	13	11
62	21JU1A6162	11	13	12	11
63	21JU1A6163	10	12	11	10
64	21JU1A6164	10	11	13	13
65	21JU1A6165	11	11	13	11
66	21JU1A6166	11	12	12	13
Signature of the Faculty				T. Anirudh for 22/07/22	

  
HOD

  
PRINCIPAL



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## IV B.TECH - I SEMESTER (R16) ADVANCED SUPPLEMENTARY EXAMINATIONS, MAY - 2022

### T I M E T A B L E

TIME : 10.00 AM TO 01.00 PM

Branch	23-05-2022 (Monday)	24-05-2022 (Tuesday)	25-05-2022 (Wednesday)	26-05-2022 (Thursday)	27-05-2022 (Friday)	28-05-2022 (Saturday)	30-05-2022 (Monday)
<b>Civil Engineering (01)</b>	Environmental Engineering – II (R1641011)	Water Resource Engineering - II (R1641012)	Geotechnical Engineering - II (R1641013)	Remote sensing and GIS Applications (R1641014)	<b>Elective-I:</b> Finite Element Methods (R164101A)/Ground Improve Techniques (R164101B)/Air Pollution and Control (R164101C)/Urban Hydrology (R164101D)/Traffic Engineering (R164101E)	<b>Elective-II:</b> Advanced Structural Engineering (R164101F)/Advanced Foundation Engineering (R164101G)/Environmental Impact Assessment & Management (R164101H)/Ground Water Development (R164101I)/Pavement Analysis and Design (R164101J)	....
<b>Electrical &amp; Electronics Engineering (02)</b>	Utilization of Electrical Energy (R1641021)	Linear IC Application (R1641022)	Power Systems Operation & Control (R1641023)	Switch Gear and Protection (R1641024)	<b>Elective-I:</b> Electrical Machine Modeling Analysis (R164102A)/Advanced Control Systems (R164102B)/Programmable Logic Control & Applications (R164102C)/Instrumentation (R164102D)	<b>Elective-II:</b> Optimization Techniques (R164102E)/Electric Power Quality (R164102F)/Special Electrical Machines (R164102G)	....
<b>Mechanical Engineering (03)</b>	Mechatronics (R1641031)	CAD/CAM (Common to ME & AME) (R1641032)	Finite Element Methods (Common to ME & AME) (R1641033)	Power Plant Engineering (R1641034)	<b>Elective-I:</b> Computational Fluid Dynamics (Common to ME , AME & AE) (R164103A)/Condition Monitoring (Common to ME & AME) (R164103B)/Additive Manufacturing (R164103C)	<b>Elective-II:</b> Advanced Materials (R164103D)/Design for Manufacture (R164103E)/Gas Dynamics & Jet Propulsion (R164103F)	....
<b>Electronics &amp; Communication Engineering (04)</b>	Radar Systems (R1641041)	Digital Image Processing (Common to ECE & EIE & E.COMP.E) (R1641042)	Computer Networks (Common to ECE & EIE) (R1641043)	Optical Communications (R1641044)	<b>Elective-I:</b> TV Engineering (R164104A)/Electronic Switching Systems (R164104B)/System Design through Verilog (R164104C)	<b>Elective-II:</b> Embedded Systems (R164104D)/Analog IC Design(Common to ECE & EIE) (R164104E)/Network Security & Cryptography (R164104F) (Only for ECE)	....
<b>Computer Science &amp; Engineering (05)</b>	Cryptography and Network Security (Common to CSE, IT) (R1641051)	Software Architecture & Design Patterns (R1641052)	Web Technologies (R1641053)	Managerial Economics and Financial Analysis (Common to CSE & IT) (R1641054)	<b>Elective-I:</b> Big Data Analytics (Common to CSE & IT) (R164105A)/Information Retrieval Systems (Common to CSE & IT) (R164105B)	<b>Elective-II:</b> Cloud Computing (Common to CSE & IT) (R164105D)/Software Project Management (Common to CSE & IT) (R164105E)/Scripting Languages (R164105F)	Mobile Computing (Common to CSE, IT) (R164105C)



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## IV B.TECH - I SEMESTER (R16) ADVANCED SUPPLEMENTARY EXAMINATIONS, MAY - 2022

### T I M E T A B L E

TIME : 10.00 AM TO 01.00 PM

Branch	23-05-2022 (Monday)	24-05-2022 (Tuesday)	25-05-2022 (Wednesday)	26-05-2022 (Thursday)	27-05-2022 (Friday)	28-05-2022 (Saturday)	30-05-2022 (Monday)
<b>Electronics &amp; Instrumentation Engineering (10)</b>	Data Acquisition Systems (R1641101)	Digital Image Processing(Common to ECE , EIE & E.COMP.E) (R1641042)	Computer Networks(Common to ECE & EIE) (R1641043)	Management Science (R1641102)	<b>Elective II:</b> Mixed Signal Design (R164110C)/Robotics & Automation (R164110D)/EMI/EMC (R164110E)	<b>Elective I:</b> Quality and Reliability Engineering Systems (QRES) (R164110A)/Analog IC Design(Common to ECE & EIE) (R164104E)/Digital Control Systems (R164110B)	....
<b>Information Technology (12)</b>	Cryptography and Network Security (Common to CSE & IT) (R1641051)	.....	Data Ware Housing and Business Intelligence (R1641121)	Managerial Economics and Financial Analysis (Common to CSE & IT) (R1641054)	<b>Elective I:</b> Big Data Analytics (Common to CSE & IT) (R164105A)/Information Retrieval Systems(Common to CSE & IT) (R164105B)/Internet of Things(R164112A) /Multimedia Programming (R164112B)	<b>Elective II:</b> Cloud Computing(Common to CSE & IT) (R164105D)/Software Project Management(Common to CSE & IT) (R164105E)/Machine Learning (R164112C)/Decision Support System (R164112D)	Mobile Computing (Common to CSE, IT) (R164105C)
<b>Electronics &amp; Computer Engineering (19)</b>	Systems Programming (R1641191)	Digital Image Processing(Common to ECE , EIE & E.COMP.E) (R1641042)	Digital Signal Processing (R1641192)	UNIX Programming (R1641193)	<b>Elective I:</b> Artificial Intelligence (R164119A)/Advanced Computer Architecture (R164119B)/Data Communication (R164119C)	<b>Elective II:</b> Web Design (R164119D)/Fuzzy Logic and Neural Networks (R164119E)/Structured Digital Design (R164119F)	....
<b>Aeronautical Engineering (21)</b>	Theory of Vibrations (R1641211)	<b>Elective I:</b> Airframe Repair and Maintenance (R164121A)/Boundary Layer Theory (R164121B)/Fatigue and Fracture Mechanics (R164121C)	Instrumentation Measurements and Experiments in Fluids (R1641212)	Helicopter Engineering (R1641213)	Computational Fluid Dynamics(Common to ME, AME & Aeronautical) R164103A	<b>Elective II:</b> Elements of Combustion (R164121D)/Quality and Reliability Engineering (R164110A)/Hypersonic Aerodynamics (R164121E)	....
<b>Automobile Engineering (24)</b>	Automotive Chasis and Suspension (R1641241)	CAD/CAM (Common to ME & AME) (R1641032)	Finite Element Methods (Common to ME & AME) (R1641033)	Vehicle Dynamics (R1641242)	<b>Elective II:</b> Micro Processors & Micro Controllers (R164124D)/Computational Fluid Dynamics(Common to ME, AME & Aeronautical) (R164103A)/Condition Monitoring (Common to ME & AME) (R164103B)	<b>Elective I:</b> Vehicle Body Engg. & Safety (R164124A)/Industrial Robotics (R164124B)/Automotive Aerodynamics (R164124C)	....



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## IV B.TECH - I SEMESTER (R16) ADVANCED SUPPLEMENTARY EXAMINATIONS, MAY - 2022

### TIME TABLE

TIME : 10.00 AM TO 01.00 PM

Branch	23-05-2022 (Monday)	24-05-2022 (Tuesday)	25-05-2022 (Wednesday)	26-05-2022 (Thursday)	27-05-2022 (Friday)	28-05-2022 (Saturday)	30-05-2022 (Monday)
<b>Mining Engineering (26)</b>	Computer Applications in Mining (R1641261)	Underground Metal Mining Technology (R1641262)	Rock Mechanics & Ground Control (R1641263)	Mine Legislation & General Safety (R1641264)	<b>Elective I:</b> Rock Slope Engineering (R164126A)/Mine Subsidence Engineering (R164126B)/Rock Fragmentation Engineering (R164126C)	<b>Elective II:</b> Deep Sea Mining (R164126D)/Mine Construction Engineering (R164126E)/Tunneling Engineering (R164126F)	....
<b>Petroleum Engineering (27)</b>	Integrated Asset Management (R1641271)	Petroleum Reservoir Engineering-II (R1641272)	Surface Production Operations (R1641273)	Oil & Gas Processing Plant Design (R1641274)	<b>Elective I:</b> Natural Gas Hydrates (R164127A)/Pipeline Engineering (R164127B)/Horizontal Well Technology (R164127C)	<b>Elective II:</b> Coal Bed Methane Engineering (R164127D)/Offshore Engineering (R164127E)/Reservoir Stimulation (R164127F)	....
<b>Agricultural Engineering (35)</b>	Micro Irrigation Engineering (R1641351)	Farm Machinery and Equipments-II (R1641352)	Post Harvest Engineering for Horticulture Produce (R1641353)	Mechanical Measurements and Instrumentation (R1641354)	<b>Elective I :</b> Seed Processing and Storage Engineering (R164135A)/Green House Technologies (R164135B)/Food Processing Plant Design and Layout (R164135C)	<b>Elective II:</b> Watershed Management (R164135D)/Food Packaging Technology (R164135E)/Minor Irrigation and Command area development (R164135F)	....

#### NOTE:

- ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.
- EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

DATE: 09-05-2022

Controller of Examinations





**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**IV B.TECH - II SEMESTER (R16) REGULAR/SUPPLEMENTARY EXAMINATIONS, JUNE - 2022**

**T I M E T A B L E**

**TIME : 10.00 AM TO 01.00 PM**

<b>Branch</b>	<b>13.06.2022 (Monday)</b>	<b>15.06.2022 (Wednesday)</b>	<b>17.06.2022 (Friday)</b>	<b>20.06.2022 (Monday)</b>
<b>Civil Engineering (01)</b>	Estimation Specificatin & Contracts (R1642011)	Construction Technology & Management (R1642012)	Prestressed Concrete (R1642013)	<b>Elective-III:</b> Bridge Engineering (R164201A)/Soil Dynamics and Foundations (R164201B)/Solid and Hazards waste management (R164201C)/Water Resource System Planning (R164201D)/UrbanTransportation Planning Engineering (R164201E)
<b>Electrical &amp; Electronics Engineering (02)</b>	Digital Control Systems (R1642021)	HVDC Transmission (R1642022)	Electrical Distribution Systems (R1642023)	<b>Elective-I:</b> High Voltage Engineering (R164202A)/Flexible Alternating Current Transmissin Systems (R164202B)/Power Systems Reforms (R164202C)
<b>Mechanical Engineering (03)</b>	Production Planning and Control (Common to Mechanical and Mining) (R1642031)	Unconventional Machining Processes (R1642032)	Automobile Engineering (R1642033)	<b>Elective-III:</b> Thermal Equipment Design (R164203A)/Non Destructive Evaluation (R164203B)/Quality and Reliability Engineering (R164203C)
<b>Electronics &amp; Communication Engineering (04)</b>	Cellular Mobile Communications (R1642041)	Electronic Measurements and Instrumentation (R1642042)	Satellite Communications (R1642043)	<b>Elective-III:</b> Digital IC Design(Common to ECE & E.I.E) (R164204B)/Operating Systems (R164204C)/Wireless Sensors & Networks(R164204A)
<b>Computer Science &amp; Engineering (05)</b>	Distributed Systems (Common to CSE, IT) (R1642051)	Management Science (Common to CSE, IT) (R1642052)	Machine Learning (R1642053)	<b>Elective-III:</b> Operation Research (R164205C)/Artificial Neural Networks(Common to CSE, IT) (R164205B)/Concurrent and Parallel Programming(Common to CSE, IT) (R164205A)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**IV B.TECH - II SEMESTER (R16) REGULAR/SUPPLEMENTARY EXAMINATIONS, JUNE - 2022**

**T I M E T A B L E**

**TIME : 10.00 AM TO 01.00 PM**

<b>Branch</b>	<b>13.06.2022 (Monday)</b>	<b>15.06.2022 (Wednesday)</b>	<b>17.06.2022 (Friday)</b>	<b>20.06.2022 (Monday)</b>
<b>Electronics &amp; Instrumentation Engineering (10)</b>	Industrial Automation (R1642101)	Data Communications (R1642102)	Embedded Systems (Common to EIE & E.Comp.E) (R1642103)	<b>Elective III:</b> Digital IC Design (Common to ECE & E.I.E) (R164204B)/Calibration & Standards (R164210A)/Micro Electro Mechanical Systems (MEMS) (R164210B)
<b>Information Technology (12)</b>	Distributed Systems(Common to CSE, IT) (R1642051)	Management Science(Common to CSE, IT) (R1642052)	Management Information System (R1642121)	<b>Elective III:</b> Cyber Security (R164212A)/Software Quality Assurance (R164212B)/Concurrent and Parallel Programming (Common to CSE, IT) (R164205A)/Artificial Neural Networks(Common to CSE, IT)(R164205B)
<b>Electronics &amp; Computer Engineering (19)</b>	Automata Theory & Compiler Design (R1642191)	<b>Elective IV :</b> Real Time Operating Systems (R164219D)/Network Security & Cryptography (R164219E)/	Embedded Systems (Common to EIE & E.Comp.E) (R1642103)	<b>Elective III:</b> Language Processors (R164219A)/EMI/EMC (R164219B)/Data Ware Housing & Data Mining (R164219C)/Wireless Sensors & Networks(R164204A)
<b>Aeronautical Engineering (21)</b>	Rockery and Space Mechanics (R1642211)	Mechanics of Composites (R1642212)	Aerospace Materials (R1642213)	<b>Elective III:</b> Avionics (R164221A)/Propellant Technology (R164221B)/Aero Elasticity (R164221C)
<b>Automobile Engineering (24)</b>	Automotive Control Systems (R1642241)	Vehicle Maintenance (R1642242)	Product Design and Assembly Automation (R1642243)	<b>Elective III:</b> Automotive Safety (R164224A)/Automotive Manufacturing Systems (R164224B)/Automobile Air Conditioning (R164224C)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**IV B.TECH - II SEMESTER (R16) REGULAR/SUPPLEMENTARY EXAMINATIONS, JUNE - 2022**

**TIME TABLE**

**TIME : 10.00 AM TO 01.00 PM**

Branch	13.06.2022 (Monday)	15.06.2022 (Wednesday)	17.06.2022 (Friday)	20.06.2022 (Monday)
<b>Mining Engineering (26)</b>	Production Planning and Control (Common to Mechanical and Mining) (R1642031)	Mine Economics & Investment (R1642261)	Mine Health and Safety Engineering (R1642262)	<b>Elective III:</b> Planning of Underground Metal Mining Projects (R164226A)/Planning of Underground Coal Mining Projects (R164226B)/Planning of Surface Mining Projects (R164226C)
<b>Petroleum Engineering (27)</b>	EOR Techniques (R1642271)	HSE & FE in Petroleum Industry (R1642272)	Petroleum Economics, Policies & Regulations (R1642273)	<b>Elective III :</b> Shale Gas Reservoir Engineering (R164227A)/Subsea Engineering (R164227B)/Reservoir Modelling & Simulation (R164227C)
<b>Agricultural Engineering (35)</b>	Design of Agricultural Machinery (R1642351)	Agricultural Extension Techniques and Business Managemet (R1642352)	Agro Industries and Bi-product Utilization (R1642353)	<b>Elective III :</b> GIS and Remote Sensing (R164235A)/Human Engineering and safety (R164235B)/Production Technology of Agricultural Machinery (R164235C)

- i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.  
ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.  
iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

DATE: 24-05-2022

*Robert A. Kelly*

**Controller of Examinations**



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**III B.TECH II SEMESTER (R19 REGULATION) REGULAR EXAMINATIONS, JUNE - 2022**  
**TIME TABLE**

**TIME: 10.00 AM TO 01.00 PM**

BRANCH	DATE & DAY					
	14.06.2022 (Tuesday)	16.06.2022 (Thursday)	18.06.2022 (Saturday)	21.06.2022 (Tuesday)	23-06-2022 (Thursday)	25-06-2022 (Saturday)
<b>CIVIL ENGINEERING (01 CE)</b>	Design & Drawing of Reinforced Concrete Structures (R1932011)	Water Resources Engineering – II (R1932012)	Geotechnical Engineering - I (R1932013)	Managerial Economics & Financial Analysis (R1932014)	<b>Program Elective – II :-</b>	<b>Open Elective – II (Choose any One</b>
					i) Pre-stressed Concrete (R193201A)	i) Disaster Management (R193201F)
					ii) Watershed Management (R193201B)	ii) Environmental Pollution & Control (R193201G)
					iii) Advanced Foundation Engineering (R193201C)	iii) Elements of Civil Engineering (R193201H)
					iv) Urban Transportation Planning (R193201D)	iv) Green Technology (R193201I)
					v) Architecture Town Planning (R193201E)	v) Smart Cities (R193201J)
						vi) Project Management (R193201K)
						vii) Traffic Safety (R193201L)
						viii) Geo-Spatial Technologies (R193201M)
ix) Wastewater Treatment (R193201N)						
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02 EEE)</b>	Electric Drives (R1932021)	Power System Analysis (R1932022)	Data Structures (R1932023)	Digital Control Systems (R1932024)	<b>Elective – I :-</b>	<b>Open Elective – I</b>
					i) Digital IC Applications (R193202A)	i) Renewable Energy Sources (R193202G) (Except EEE)
					ii) Communication Systems (R193202B)	ii) Essentials of Analog and Digital Electronics (R193202H) (Except EEE)
					iii) Computer Networks (R193202C)	iii) Electrical Estimation and Costing (R193202I) (Except EEE)
					iv) Internet of Things Applications To Electrical Engineering (R193202D)	iv) Power Electronics Devices & Circuits (R193202J) (Except EEE)
					v) VLSI Design (R193202E)	v) Fundamentals of Electrical Machines (R193202K) (Except EEE)
					vi) Cloud Computing (R193202F)	





**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**III B.TECH II SEMESTER (R19 REGULATION) REGULAR EXAMINATIONS, JUNE - 2022**  
**TIME TABLE**

**TIME: 10.00 AM TO 01.00 PM**

BRANCH	DATE & DAY					
	14.06.2022 (Tuesday)	16.06.2022 (Thursday)	18.06.2022 (Saturday)	21.06.2022 (Tuesday)	23-06-2022 (Thursday)	25-06-2022 (Saturday)
<b>MECHANICAL ENGINEERING (03 ME)</b>	Operations Research (R1932031)	Heat Transfer (R1932032) (Common to ME,AME)	CAD/CAM (R1932033)	.....	<b>Elective – I :-</b>	<b>Elective – II</b>
					i) Composite Materials (R193203A)	i) Material Characterization (R193203F)
					ii) Refrigeration & Air Conditioning (R193203B)	ii) Tribology (R193203G)
					iii) Unconventional Machining Processes (R193203C)	iii) Automobile Engineering (R193203H)
					iv) Advanced Mechanics of Solids (R193203D)	iv) Mechatronics (R193203I)
v) MOOCS(NPTEL/Swayam) (R193203E)	v) MOOCS(NPTEL/Swayam) (R193203J)					
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04 ECE)</b>	Wired and Wireless Transmission Devices (R1932041)	VLSI Design (R1932042)	Digital Signal Processing (R1932043)	Internet of Things (R1932044)	<b>Professional Elective (PE II) :-</b>	<b>Open Elective (OE1)</b>
					i) Cellular & Mobile Communication (R193204A)	i) Data Mining (R193204F)
					ii) Digital IC Design (R193204B)	ii) Power Electronics (R193204G)
					iii) Business Intelligence & Analytics (R193204C)	iii) MEMS and its Applications (R193204H)
					iv) Pattern Recognition(R193204D)	iv) Artificial Neural Networks(R193204I)
v) Robotics and Automation (R193204E)	iv) Principles of Communication (R193204J) (Except ECE)					
<b>COMPUTER SCIENCE &amp; ENGINEERING (05 CSE)</b>	Web Technologies (R1932051) (Common to CSE,IT)	Distributed Systems (R1932052)	Design and Analysis of Algorithms (R1932053)	Managerial Economics and Financial Accountancy (R1932054) (Common to CSE,IT)	<b>Professional Elective (PE II) :-</b>	<b>Open Elective (OE I) :-</b>
					i) Mobile Application Development (R193205A)	i) Data Structures (R193205E) (Except CSE and IT)
					ii) Information Retrieval System (R193205B)	ii) Java Programming (R193205F) (Except CSE and IT)
					iii) Social Networks Analysis (R193205C)	iii) Database Management Systems (R193205G) (Except CSE and IT)
					iv) MOOCS (NPTEL/SWAYAM) (R193205D)	iv) C++ Programming (R193205H) (Except CSE and IT)
						v) Operating Systems (R193205I) (Except CSE and IT)
	vi) Internet of Things (R193205J) (Except CSE and IT)					



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**III B.TECH II SEMESTER (R19 REGULATION) REGULAR EXAMINATIONS, JUNE - 2022**  
**TIME TABLE**

**TIME: 10.00 AM TO 01.00 PM**

BRANCH	DATE & DAY					
	14.06.2022 (Tuesday)	16.06.2022 (Thursday)	18.06.2022 (Saturday)	21.06.2022 (Tuesday)	23-06-2022 (Thursday)	25-06-2022 (Saturday)
<b>INFORMATION TECHNOLOGY (12 IT)</b>  Web Technologies (R1932051) (Common to CSE,IT)	Data Warehousing and Data Mining (R1932121)	.....	Managerial Economics and Financial Accountancy (R1932054) (Common to CSE,IT)	Professional Elective (PE II) :- i) Web Security (R193212A) ii) Software Project Management (R193212B) iii) Natural Language Processing (R193212C) iv) MOOCS (NPTEL/SWAYAM)(R193212D)	Open Elective (OE I) :- i) Data Structures (R193205E) (Except CSE and IT) ii) Java Programming (R193205F) (Except CSE and IT) iii) Database Management Systems (R193205G) (Except CSE and IT) iv) C++ Programming (R193212E) (Except CSE and IT) v) Operating Systems (R193212F) (Except CSE and IT) vi) Internet of Things (R193212G) (Except CSE and IT)	
<b>AUTO MOBILE ENGINEERING (24 AME)</b>  Electrical Vehicles & Hybrid Technology (R1932241)	Heat Transfer (R1932032) (Common to ME,AME)	Automotive Chassis Design (R1932242)	Automotive Pollution and Control (R1932243)	.....	OPEN ELECTIVE(offered to other i) Basic Automobile Engineering (R193224A) ii) Automotive Maintenance and Safety (R193224B) iii) Automotive Emissions and Effects (R193224C)	
<b>MINING ENGINEERING (26 MM)</b>  Mine Ground Control (R1932261)	Mineral processing (R1932262)	Under Ground Metal Mining Technology (R1932263)	Mining Machinery & Mechanization-II (R1932264)	.....	Open Elective - II i) Industrial Robotics (R193226A) ii) Artificial intelligence (R193226B) iii) Introduction to Data Base Management System (R193226C)	
<b>PETROLEUM ENGINEERING/ PETROLEUM TECHNOLOGY (27 PE)</b>  Petroleum Production Engineering (R1932271)	Petroleum Reservoir Engineering-II (R1932272)	Petroleum Refinery & Petrochemical Engineering (R1932273)	.....	Professional Elective (PE II) :- i) Offshore Engineering (R193227A) ii) Advanced Well Completion Engineering (R193227B) iii) Applied Mathematics in Reservoir Engineering(R193227C)	OPEN ELECTIVE – II i) Basic concepts in Petroleum Drilling and Completions (R193227D) ii) Basic concepts in Petroleum Production Engineering (R193227E) iii) Basic concepts in Petroleum Reservoir Engineering (R193227F)	

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA**III B.TECH II SEMESTER (R19 REGULATION) REGULAR EXAMINATIONS, JUNE - 2022**  
**TIME TABLE**

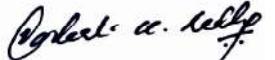
TIME: 10.00 AM TO 01.00 PM

BRANCH	DATE & DAY					
	14.06.2022 (Tuesday)	16.06.2022 (Thursday)	18.06.2022 (Saturday)	21.06.2022 (Tuesday)	23-06-2022 (Thursday)	25-06-2022 (Saturday)
<b>AGRICULTURAL ENGINEERING (35 AGE)</b>	Irrigation and Drainage Engineering (R1932351)	Engineering Properties of Biological Materials (R1932352)	Farm Machinery Equipment - II (R1932353)	Dairy and Food Engineering (R1932354)	<b>Professional Elective - I</b>	<b>Open Elective - I</b>
					i) Seed Processing and Storage Engineering (R193235A)	i) Operations Research (R193235D)
					ii) Greenhouse Technology (R193235B)	ii) Robotics and Automation (R193235E)
					iii) Tractor Design and Testing (R193235C)	iii) Finite Element Method (R193235F)

**NOTE:**

- (i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.
- (ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- (iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

DATE: 24-05-2022

  
Controller of Examinations



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**III B.PHARMACY II SEMESTER (PCI, R16 & R13) REGULAR/SUPPLEMENTARY EXAMINATIONS, JUNE - 2022**

**T I M E T A B L E**

**TIME : 10.00 AM TO 01.00 PM**

<b>DATE &amp; DAY</b>	<b>PCI REGULATIONS</b>	<b>R16 REGULATION SUPPLEMENTARY</b>	<b>R13 REGULATION SUPPLEMENTARY</b>
<b>14-06-2022 (Tuesday)</b>	Medicinal Chemistry III (BP601T)	PHARMACEUTICAL TECHNOLOGY-II (PHR16321)	PHARMACEUTICAL TECHNOLOGY-II (B133201)
<b>16-06-2022 (Thursday)</b>	Pharmacology III (BP602T)	PHARM. BIOTECHNOLOGY (PHR16322)	PHARM. BIOTECHNOLOGY (B133202)
<b>18-06-2022 (Saturday)</b>	Herbal Drug Technology (BP603T)	PHARMACOLOGY-II (PHR16323)	PHARMACOLOGY-II (B133203)
<b>21-06-2022 (Tuesday)</b>	Biopharmaceutics and Pharmacokinetics (BP604T)	MEDICINAL CHEMISTRY-III (PHR16324)	MEDICINAL CHEMISTRY-III (B133204)
<b>23-06-2022 (Thursday)</b>	Pharmaceutical Biotechnology (BP605T)	REGULATORY AFFAIRS, IPR & PATTENTS (PHR16325)	REGULATORY AFFAIRS, IPR & PATTENTS (B133205)
<b>25-06-2022 (Saturday)</b>	Quality Assurance (BP606T)	--	--

**NOTE :**

- (i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY.
- (ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- (iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY, IF ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

**Controller of Examinations**

**DATE: 24-05-2022**





**III B.TECH I SEMESTER (R19)**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**III B TECH I SEMESTER (R19 REGULATION) SUPPLEMENTARY EXAMINATIONS, JUNE/JULY - 2022**  
**TIME TABLE**

**TIME: 10.00 AM TO 01.00 PM**

BRANCH	DATE & DAY					
	27-06-2022 (Monday)	29-06-2022 (Wednesday)	01-07-2022 (Friday)	04-07-2022 (Monday)	06-07-2022 (Wednesday)	08-07-2022 (Friday)
<b>CIVIL ENGINEERING (01 CE)</b>	Structural Analysis (R1931011)	Concrete Technology (R1931012)	Water Resources Engineering - I (R1931013)	Environmental Engineering - II (R1931014)	<b>Program Elective – I :-</b>	<b>Open Elective – I (Choose any One)</b>
					i) Repair & Rehabilitation of Buildings (R193101A)	i) Disaster Management (R193101F)
					ii) Environmental Impact Assessment (R193101B)	ii) Environmental Pollution & Control (R193101G)
					iii) Reinforced Soil Structures (R193101C)	iii) Elements of Civil Engineering (R193101H)
					iv) Traffic Engineering (R193101D)	iv) Green Technology (R193101I)
					v) Construction Technology & Management (R193101E)	v) Smart Cities (R193101J)
						vi) Project Management (R193101K)
						vii) Traffic Safety (R193101L)
						viii) Geo-Spatial Technologies (R193101M)
					ix) Wastewater Treatment (R193101N)	
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02 EEE)</b>	Linear IC Applications (R1931023)	Power Electronics (R1931022)	Power Systems-II (R1931021)	Digital Signal Processing (R1931024)	Microprocessors and Microcontrollers (R1931025)	.....
<b>MECHANICAL ENGINEERING (03 ME)</b>	Dynamics of Machinery (R1931031)	Design of Machine Members-II (R1931032)	Mechanical Measurements & Metrology (R1931033)	Managerial Economics and Financial Accountancy (R1931034)	IC Engines & Gas turbines (R1931035)	.....



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

III B.TECH I SEMESTER (R19)

## III B TECH I SEMESTER (R19 REGULATION) SUPPLEMENTARY EXAMINATIONS, JUNE/JULY - 2022

### TIME TABLE

TIME: 10.00 AM TO 01.00 PM

BRANCH	DATE & DAY					
	27-06-2022 (Monday)	29-06-2022 (Wednesday)	01-07-2022 (Friday)	04-07-2022 (Monday)	06-07-2022 (Wednesday)	08-07-2022 (Friday)
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04 ECE)</b>	Linear Integrated Circuits and Applications (R1931041)	Microprocessor and Microcontrollers (R1931042)	Digital Communications (R1931043)	Electronic Measurements & Instrumentation (R1931044)	.....	<b>Professional Elective (PE 1) :-</b>
						i) Information Theory & Coding (R193104A)
						ii) Digital System Design Using HDL (R193104B)
						iii) Datastructures and Algorithms (R193104C)
						iv) Soft Computing Techniques and Python Programming (R193104D)
						v) Simulation & Mathematical Modeling (R193104E)
<b>COMPUTER SCIENCE &amp; ENGINEERING (05 CSE)</b>	Data Warehousing and Data Mining (R1931051)	Computer Networks (R1931052)	Compiler Design (R1931053)	Artificial Intelligence (R1931054)	.....	<b>Professional Elective- I:-</b>
						i) Computer Graphics (R193105A)
						ii) Principles of Programming Languages (R193105B)
						iii) Advanced Data Structures (R193105C)
						iv) Software Testing Methodologies (R193105D)
						v) Advanced Computer Architecture (R193105E)
<b>INFORMATION TECHNOLOGY (12 IT)</b>	Advanced Data Structures (R1931121)	Computer Networks (R1931122)	Compiler Design (R1931123)	Artificial Intelligence (R1931054)	Design and Analysis of Algorithms (R1931124)	<b>Professional Elective -I:-</b>
						i) Software Testing Methodologies (R193105D)
						ii) NoSQL Databases (R193112A)
						iii) Scripting Languages (R193112B)
						iv) Computer Graphics (R193105A)
						v) R-Programming (R193112C)

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**III B TECH I SEMESTER (R19 REGULATION) SUPPLEMENTARY EXAMINATIONS, JUNE/JULY - 2022****TIME TABLE****TIME: 10.00 AM TO 01.00 PM**

BRANCH	DATE & DAY					
	27-06-2022 (Monday)	29-06-2022 (Wednesday)	01-07-2022 (Friday)	04-07-2022 (Monday)	06-07-2022 (Wednesday)	08-07-2022 (Friday)
<b>AUTO MOBILE ENGINEERING (24 AME)</b>	Dynamics of Machinery (R1931031)	Fuels and Combustion (R1931241)	Automotive Components Design (R1931242)	Micro Processors and Micro Controllers (R1931243)	Machine Tools & Metrology (R1931244)	.....
<b>MINING ENGINEERING (26 MM)</b>	Underground Coal Mining Technology (R1931261)	Mine Environment Engineering – II (R1931262)	Rock Mechanics (R1931263)	Mining Machinery & Mechanization-I (R1931264)	Corporate Social Responsibility in Mining (R1931265)	<b>Open Elective :-</b> i) Waste Water Management (R193126A) ii) Environmental impact analysis (R193126B) iii) Disaster Management and Mitigations (R193126C)
<b>PETROLEUM ENGINEERING/ PETROLEUM TECHNOLOGY (27 PE)</b>	Process Dynamics & Control (R1931271)	Well Logging & Formation Evaluation (R1931272)	Drilling & Well Completions (R1931273)	Managerial Economics & Financial Analysis (R1931279)	<b>Professional Elective -I :-</b> i) Fundamentals of Liquefied Natural Gas. (R193127A) ii) CBM Reservoir Engineering (R193127B)	<b>Open Elective - I :-</b> i) Disaster Management (R193101F) ii) Renewable Energy Sources (R193127C)
<b>AGRICULTURAL ENGINEERING (35 AGE)</b>	Thermodynamics and Refrigeration systems (R1931351)	Soil and Water Conservation Engineering (R1931352)	Agricultural Process Engineering (R1931353)	Managerial Economics & Financial Analysis (R1931279)	Farm Machinery and Equipment - I R1931354	.....

**NOTE:**

- (i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.  
(ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.  
(iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

**Controller of Examinations****DATE: 13-06-2022**



II. B.TECH II SEMESTER (R16)

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH - II SEMESTER (R16 REGULATIONS) SUPPLEMENTARY EXAMINATIONS, JUNE/JULY – 2022**

**TIME TABLE**

**TIME : 10.00 AM TO 01.00 PM**

BRANCH	DATE AND DAY					
	28-06-2022 (Tuesday)	30-06-2022 (Thursday)	02-07-2022 (Saturday)	05-07-2022 (Tuesday)	07-07-2022 (Thursday)	11-07-2022 (Monday)
<b>CIVIL ENGINEERING (01- CE)</b>	BUILDING PLANNING AND DRAWING	HYDRAULICS AND HYDRAULIC MACHINERY	TRANSPORTATION ENGINEERING-I	CONCRETE TECHNOLOGY	STRUCTURAL ANALYSIS - I	STRENGTH OF MATERIALS- II
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02 - EEE)</b>	MANAGEMENT SCIENCE (EEE,ECE,ECC)	SWITCHING THEORY AND LOGIC DESIGN	ELECTRICAL MEASUREMENTS	CONTROL SYSTEMS	POWER SYSTEMS-I	ELECTRICAL MACHINES-II
<b>MECHANICAL ENGINEERING (03 - ME)</b>	KINEMATICS OF MACHINERY (Com. to ME, AME, MM)	THERMAL ENGINEERING –I (Com. to ME,AME)	PRODUCTION TECHNOLOGY (Com. to ME, AME)	DESIGN OF MACHINE MEMBERS-I	INDUSTRIAL ENGINEERING AND MANAGEMENT (Com. to ME, AE,AME,Min E)	MACHINE DRAWING (Com. to ME, AME)
<b>ELECTRONICS&amp; COMMUNICATIONS ENGINEERING (04 - ECE)</b>	MANAGEMENT SCIENCE (EEE,ECE,ECC)	PULSE AND DIGITAL CIRCUITS (Com. to ECE,EIE,ECC)	EM WAVES AND TRANSMISSION LINES (Com. to ECE, EIE)	ELECTRONIC CIRCUIT ANALYSIS (Com. to ECE, EIE)	CONTROL SYSTEMS (Com. to ECE,EIE,ECC)	ANALOG COMMUNICATIONS
<b>COMPUTER SCIENCE&amp; ENGINEERING (05 - CSE)</b>	SOFTWARE ENGINEERING	JAVA PROGRAMMING (Com. to CSE, IT)	ADVANCED DATA STRUCTURES	COMPUTER ORGANIZATION (Com. to CSE, IT, ECC)	FORMAL LANGUAGES AND AUTOMATA THEORY	PRINCIPLES OF PROGRAMMING LANGUAGES (Com. to CSE,IT)

**CONTINUED ON PAGE – 2**



**II. B.TECH II SEMESTER (R16)**

BRANCH	DATE AND DAY					
	<b>28-06-2022 (Tuesday)</b>	<b>30-06-2022 (Thursday)</b>	<b>02-07-2022 (Saturday)</b>	<b>05-07-2022 (Tuesday)</b>	<b>07-07-2022 (Thursday)</b>	<b>11-07-2022 (Monday)</b>
<b>ELECTRONICS &amp; INSTRUMENTATION ENGINEERING (10- EIE)</b>	SIGNAL CONDITIONING	PULSE AND DIGITAL CIRCUITS (Com. to ECE,EIE,ECC)	ELECTRO MAGNETIC WAVES AND TRANSMISSION LINES (Com. to ECE, EIE)	ELECTRONIC CIRCUIT ANALYSIS (Com. to ECE, EIE)	CONTROL SYSTEMS Com. to ECE,EIE,ECC)	PRINCIPLES OF COMMUNICATION (Com. to EIE, ECC)
<b>INFORMATION TECHNOLOGY (12 - IT)</b>	COMPUTER GRAPHICS	JAVA PROGRAMMING (Com. to CSE, IT)	OBJECT ORIENTED ANALYSIS AND DESIGN USING UML	COMPUTER ORGANIZATION (Com. to CSE, IT, ECC)	E-COMMERCE	PRINCIPLES OF PROGRAMMING LANGUAGES(Com. to CSE,IT)
<b>ELECTRONICS AND COMPUTER ENGINEERING (19 - ECC)</b>	MANAGEMENT SCIENCE (EEE,ECE,ECC)	PULSE AND DIGITAL CIRCUITS (Com. to ECE,EIE,ECC)	OBJECT ORIENTED PROGRAMMING	COMPUTER ORGANIZATION (Com. to CSE, IT, ECC)	CONTROL SYSTEMS (Com. to ECE,EIE,ECC)	PRINCIPLES OF COMMUNICATION (Com. to EIE, ECC)
<b>AERONUTICAL ENGINEERING (21 - AE)</b>	AIRCRAFT SYSTEM AND INSTRUMENTS	APPLIED THERMODYNAMICS	ELEMENTS OF HEAT TRANSFER	MANUFACTURING TECHNOLOGY	INDUSTRIAL ENGINEERING AND MANAGEMENT (Com. to ME, AE,AME,Min E)	AERODYNAMICS -I

**CONTINUED ON PAGE – 3**

**DATE AND DAY**

BRANCH	DATE AND DAY					
	<b>28-06-2022 (Tuesday)</b>	<b>30-06-2022 (Thursday)</b>	<b>02-07-2022 (Saturday)</b>	<b>05-07-2022 (Tuesday)</b>	<b>07-07-2022 (Thursday)</b>	<b>11-07-2022 (Monday)</b>
<b>AUTO MOBILE ENGG. (AME-24)</b>	KINEMATICS OF MACHINERY (Com. to ME, AME, MM)	THERMAL ENGINEERING-I (Com. to ME, AME)	PRODUCTION TECHNOLOGY (Com. to ME, AME)	FLUID MECHANICS AND HYDRAULIC MACHINERY	INDUSTRIAL ENGINEERING AND MANAGEMENT (Com. to ME, AE, AME, Min E)	MACHINE DRAWING (Com. to ME, AME, MM)
<b>MINING – (26-MM)</b>	KINEMATICS OF MACHINERY (Com. to ME, AME, MM)	MATERIAL ENGINEERING	SURFACE MINING	MINE SURVEYING -I	INDUSTRIAL ENGINEERING AND MANAGEMENT (Com. to ME, AE, AME, Min E)	MINING GEOLOGY - II
<b>PETROLEUM ENGINEERING (27-PE)</b>	PROBABILITY AND STATISTICS	PETROLEUM EXPLORATION	THERMODYNAMICS FOR PETROLEUM ENGINEERS	PETROLEUM GEOLOGY	PROCESS HEAT TRANSFER	MOMENTUM TRANSFER
<b>AGRICULTURAL ENGINEERING (35-AGE)</b>	HEAT AND MASS TRANSFER	THEORY OF MACHINES	FARM POWER AND TRACTOR SYSTEMS	SURFACE WATER HYDROLOGY	SOIL MECHANICS	THEORY OF STRUCTURES

**NOTE:**

- i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY.
- ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

**DATE: 14-06-2022**



**Controller of Examinations**

**TIME TABLE OF II B.TECH II SEMESTER ADITIONAL SUBJECTS FOR READMITTED STUDENTS FROM R16 REGULATIONS**

<b>DATE OF EXAMINATION: 11-07-2022 (Monday)</b>		<b>TIME OF EXAMINATION: 10.00 AM TO 01.00 PM</b>
<b>BRANCH</b>	<b>SUBJECT ALREADY STUDIED</b>	<b>SUBSTITUTED SUBJECT</b>
<b>COMPUTER SCIENCE &amp; ENGINEERING (05 - CSE)</b>	-----	<b>OBJECT ORIENTED PROGRAMMING THROUGH C++ (AR161215)</b>


**TIME TABLE OF II B.TECH II SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS FROM R16 REGULATIONS**

<b>DATE OF EXAMINATION: 11-07-2022 (Monday)</b>		<b>TIME OF EXAMINATION: 10.00 AM TO 01.00 PM</b>
<b>BRANCH</b>	<b>SUBJECT ALREADY STUDIED</b>	<b>SUBSTITUTED SUBJECT</b>
<b>MECHANICAL ENGINEERING (03 - ME)</b>	<b>PROFESSIONAL ETHICS AND HUMAN VALUES</b>	<b>FLUID MECHANICS &amp; HYDRAULIC MACHINERY (P1622031)</b>

NOTE:

- i. ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.
- ii. EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- iii. THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

**DATE: 14-06-2022**

  
**Controller of Examinations**



II B.TECH II SEMESTER (R19)

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH - II SEMESTER (R19 REGULATION) SUPPLEMENTARY EXAMINATIONS, JUNE/JULY - 2022**

**T I M E T A B L E**

**TIME : 10.00 AM TO 01.00 PM**

BRANCH	DAY AND DATE					
	28-06-2022 (Tuesday)	30-06-2022 (Thursday)	02-07-2022 (Saturday)	05-07-2022 (Tuesday)	07-07-2022 (Thursday)	11-07-2022 (Monday)
<b>CIVIL ENGINEERING (01-CE)</b>	Strength of Materials-II <b>R1922011</b>	Hydraulics and Hydraulic Machinery <b>R1922012</b>	Engineering Geology <b>R1922013</b>	Transportation Engineering - II <b>R1922014</b>	Environmental Engineering - I <b>R1922015</b>	.....
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)</b>	Electrical Measurements & Instrumentation <b>R1922021</b>	Electrical Machines-II <b>R1922022</b>	Digital Electronics <b>R1922023</b>	Control Systems <b>R1922024</b>	Power Systems-I <b>R1922025</b>	Signals and Systems <b>R1922026</b>
<b>MECHANICAL ENGINEERING (03-ME)</b>	Complex Variables & Statistical Methods <b>R1922031</b>	Kinematics of Machinery <b>R1922032</b> (Common to ME,AME)	Applied Thermodynamics <b>R1922033</b>	Fluid Mechanics & Hydraulic Machines <b>R1922034</b>	Metal Cutting & Machine Tools <b>R1922035</b>	Design of Machine Members-I <b>R1922036</b>
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04-ECE)</b>	Electronic Circuit Analysis <b>R1922041</b>	Linear Control Systems <b>R1922042</b>	Electromagnetic Waves and Transmission Lines <b>R1922043</b>	Analog Communications <b>R1922044</b>	Computer Architecture and Organization <b>R1922045</b>	Management and Organizational Behavior <b>R1922046</b>
<b>COMPUTER SCIENCE &amp; ENGINEERING (05-CSE)</b>	Probability and Statistics <b>R1922051</b> (Common to CSE,IT)	Java Programming <b>R1922052</b> (Common to CSE,IT)	Operating Systems <b>R1922053</b>	Database Management Systems <b>R1922054</b> (Common to CSE,IT)	Formal Languages and Automata Theory <b>R1922055</b>	.....
<b>INFORMATION TECHNOLOGY (12-IT)</b>	Probability and Statistics <b>R1922051</b> (Common to CSE,IT)	Java Programming <b>R1922052</b> (Common to CSE,IT)	Operating Systems <b>R1922121</b>	Database Management Systems <b>R1922054</b> (Common to CSE,IT)	Theory of Computation <b>R1922122</b>	.....
<b>AUTO MOBILE ENGINEERING (24-AME)</b>	Applied Thermodynamics <b>R1922241</b>	Kinematics of Machinery <b>R1922032</b> (Common to ME,AME)	Automotive Engines <b>R1922242</b>	Production Technology <b>R1922243</b>	Automotive Electrical and Electronics <b>R1922244</b>	Automobile Assembly Drawing <b>R1922245</b>





# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

II B.TECH II SEMESTER (R19)

## II B.TECH - II SEMESTER (R19 REGULATION) SUPPLEMENTARY EXAMINATIONS, JUNE/JULY - 2022

### T I M E T A B L E


TIME : 10.00 AM TO 01.00 PM

BRANCH	DAY AND DATE					
	28-06-2022 (Tuesday)	30-06-2022 (Thursday)	02-07-2022 (Saturday)	05-07-2022 (Tuesday)	07-07-2022 (Thursday)	11-07-2022 (Monday)
<b>MINING ENGINEERING (26-MM)</b>	Drilling and Blasting <b>R1922261</b>	Mechanics of Solids <b>R1922262</b>	Mining Geology –II <b>R1922263</b>	Mine Surveying – II <b>R1922264</b>	Surface Mining <b>R1922265</b>	Mine Environmental Engineering-I <b>R1922266</b>
<b>PETROLEUM ENGINEERING/ PETROLEUM TECHNOLOGY (27-PE)</b>	Fluid Mechanics for Petroleum Engineers <b>R1922271</b>	Thermodynamics for Petroleum Engineers <b>R1922272</b>	Process Instrumentation <b>R1922273</b>	Petroleum Exploration <b>R1922274</b>	Petroleum Reservoir Engineering – I <b>R1922275</b>	Process Heat Transfer <b>R1922276</b>
<b>AGRICULTURAL ENGINEERING (35-AGE)</b>	Theory of Structures <b>R1922351</b>	Heat and Mass Transfer <b>R1922352</b>	Theory of Machines <b>R1922353</b>	Soil Mechanics <b>R1922354</b>	Surface Water Hydrology <b>R1922355</b>	Farm Power and Tractor Systems <b>R1922356</b>

NOTE:

- (i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.
- (ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- (iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

DATE: 14-06-2022

  
Controller of Examinations



II B.TECH II SEMESTER (R20)

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH II SEMESTER (R20 REGULATION) REGULAR EXAMINATIONS, JUNE/JULY - 2022**

**T I M E T A B L E**

**TIME: 10.00 AM TO 01.00 PM**

BRANCH	DAY AND DATE				
	28-06-2022 (Tuesday)	30-06-2022 (Thursday)	02-07-2022 (Saturday)	05-07-2022 (Tuesday)	07-07-2022 (Thursday)
<b>CIVIL ENGINEERING (01-CE)</b>	Complex Variables and Statistical Methods <b>R2022011</b> (Comm to CE,ME,AME,MM)	Strength of Materials -II <b>R2022012</b>	Hydraulics and Hydraulic Machinery <b>R2022013</b>	Environmental Engineering <b>R2022014</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,EEE,EIE,ECT,AGE,FE)
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)</b>	Python Programming <b>R2022021</b> (Common to EEE, FE)	Digital Electronics <b>R2022022</b>	Power System-I <b>R2022023</b>	Induction and Synchronous Machines <b>R2022024</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,EEE,EIE,ECT,AGE,FE)
<b>MECHANICAL ENGINEERING (03-ME)</b>	Complex Variables and Statistical Methods <b>R2022011</b> (Comm to CE,ME,AME,MM)	Material Science & Metallurgy <b>R2022031</b>	Dynamics of Machinery <b>R2022032</b>	Thermal Engineering-I <b>R2022033</b>	Industrial Engineering and Management <b>R2022034</b>
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04-ECE)</b>	Electronic Circuit Analysis <b>R2022041</b> (Comm to ECE,EIE,ECT)	Digital IC Design <b>R2022042</b>	Analog Communications <b>R2022043</b> (Common to ECE,ECT)	Linear Control Systems <b>R2022044</b> (Common to ECE,EIE)	Management and Organizational Behavior <b>R2022045</b> (Common to ECE, PE)
<b>COMPUTER SCIENCE &amp; ENGINEERING (05-CSE)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Database Management Systems <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Java Programming <b>R2022054</b> (Common to CSE,IT,CSE(CSBS),CS)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)



II B.TECH II SEMESTER (R20)

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH II SEMESTER (R20 REGULATION) REGULAR EXAMINATIONS, JUNE/JULY - 2022**

**T I M E T A B L E**

**TIME: 10.00 AM TO 01.00 PM**

BRANCH	DAY AND DATE				
	28-06-2022 (Tuesday)	30-06-2022 (Thursday)	02-07-2022 (Saturday)	05-07-2022 (Tuesday)	07-07-2022 (Thursday)
<b>COMPUTER SCIENCE &amp; TECHNOLOGY (06)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AD),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Database Management Systems <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AD),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT))	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AD),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)</b>	Electronic Circuit Analysis <b>R2022041</b> (Comm to ECE,EIE,ECT)	Microprocessor and Microcontrollers <b>R2022101</b>	Integrated Circuits and applications <b>R2022102</b>	Linear Control Systems <b>R2022044</b> (Common to ECE,EIE)	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,BEE,EIE,ECT,AGE,FE)
<b>INFORMATION TECHNOLOGY (12-IT)</b>	Statistics with R <b>R2022121</b>	Principles of Software Engineering <b>R2022122</b>	Automata Theory and Compiler Design <b>R2022123</b>	Java Programming <b>R2022054</b> (Common to CSE,IT,CSE(CSBS),CS)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AD),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
<b>ELECTRONICS &amp; COMMUNICATION TECHNOLOGY (14)</b>	Electronic Circuit Analysis <b>R2022041</b> (Comm to ECE,EIE,ECT)	Computer Architecture and Organization <b>R2022141</b>	Analog Communications <b>R2022043</b> (Common to ECE,ECT)	Electromagnetic Waves and Transmission Lines <b>R2022142</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,BEE,EIE,ECT,AGE,FE)
<b>AUTO MOBILE ENGINEERING (24-AME)</b>	Complex Variables and Statistical Methods <b>R2022011</b> (Comm to CE,ME,AME,MM)	Applied Thermodynamics <b>R2022241</b>	Automobile Engines <b>R2022242</b>	Automobile Electrical and Electronics <b>R2022243</b>	Operations Research <b>R2022244</b>



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH II SEMESTER (R20 REGULATION) REGULAR EXAMINATIONS, JUNE/JULY - 2022**

**T I M E T A B L E**

**TIME: 10.00 AM TO 01.00 PM**

BRANCH	DAY AND DATE				
	28-06-2022 (Tuesday)	30-06-2022 (Thursday)	02-07-2022 (Saturday)	05-07-2022 (Tuesday)	07-07-2022 (Thursday)
<b>MINING ENGINEERING (26-MM)</b>	Complex Variables and Statistical Methods <b>R2022011</b> (Comm to CE,ME,AME,MM)	Fluid Mechanics and Hydraulic Power <b>R2022261</b>	Rock Mechanics <b>R2022262</b>	Mine Ventilation <b>R2022263</b>	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
<b>PETROLEUM ENGINEERING/PETROLEUM TECHNOLOGY (27-PE)</b>	Mathematics –IV <b>R2022271</b>	Instrumentation, Process Dynamics & Control <b>R2022272</b>	Thermodynamics for Petroleum Engineers <b>R2022273</b>	Drilling & Well Completions <b>R2022274</b>	Management and Organizational Behavior <b>R2022045</b> (Common to ECE, PE)
<b>AGRICULTURAL ENGINEERING (35-AGE)</b>	Heat and Mass Transfer <b>R2022351</b>	Ground Water Hydrology, Well and Pumps <b>R2022352</b>	Theory of Structures <b>R2022353</b>	Soil Mechanics <b>R2022354</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,EEE,EIE,ECT,AGE,FE)
<b>CSE (Artificial Intelligence and Machine Learning) (42)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Computer Organization <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Data Warehousing and Mining <b>R2022422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS,AIML)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
<b>CSE (Artificial Intelligence) (43)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Computer Organization <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Data Warehousing and Mining <b>R2022422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS,AIML)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)





**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH II SEMESTER (R20 REGULATION) REGULAR EXAMINATIONS, JUNE/JULY - 2022**

**T I M E T A B L E**

**TIME: 10.00 AM TO 01.00 PM**

BRANCH	DAY AND DATE				
	28-06-2022 (Tuesday)	30-06-2022 (Thursday)	02-07-2022 (Saturday)	05-07-2022 (Tuesday)	07-07-2022 (Thursday)
<b>CSE (Data Science) (44)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Computer Organization <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Data Warehousing and Mining <b>R2022422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS,AIML)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
<b>CSE (Artificial Intelligence and Data Science) (45)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Computer Organization <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Data Warehousing and Mining <b>R2022422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS,AIML)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
<b>CSE (Cyber Security) (46)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Database Management Systems <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT))	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)



II B.TECH II SEMESTER (R20)

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH II SEMESTER (R20 REGULATION) REGULAR EXAMINATIONS, JUNE/JULY - 2022**

**T I M E T A B L E**

**TIME: 10.00 AM TO 01.00 PM**

BRANCH	DAY AND DATE				
	28-06-2022 (Tuesday)	30-06-2022 (Thursday)	02-07-2022 (Saturday)	05-07-2022 (Tuesday)	07-07-2022 (Thursday)
<b>CSE (Internet of things and Cyber security including Block chain Technology) (47)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Database Management Systems <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT))	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
<b>CSE (Computer Science and Business System) (48)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Database Management Systems <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT)	Operating Systems <b>R2022481</b> (Common to CSE(CSBS), CS)	Java Programming <b>R2022054</b> (Common to CSE,IT,CSE(CSBS),CS)	Fundamentals of Economics <b>R2022482</b>
<b>CSE (Internet of Things) (49)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Database Management Systems <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT))	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)
<b>FOOD ENGINEERING (51)</b>	Python Programming <b>R2022021</b> (Common to EEE, FE)	Principles of Food Engineering - II <b>R2022511</b>	Food Chemistry <b>R2022512</b>	Processing of Cereals, Pulses and Oilseeds <b>R2022513</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Common to CE,EEE,EIE,ECT,AGE,FE)
<b>ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Computer Organization <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)	Data Warehousing and Mining <b>R2022422</b> (Common to CSE(AIML),AI,DS,CSE(AIDS),AIDS,AIML)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML)



II B.TECH II SEMESTER (R20)

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH II SEMESTER (R20 REGULATION) REGULAR EXAMINATIONS, JUNE/JULY - 2022****T I M E T A B L E****TIME: 10.00 AM TO 01.00 PM**

BRANCH	DAY AND DATE				
	28-06-2022 (Tuesday)	30-06-2022 (Thursday)	02-07-2022 (Saturday)	05-07-2022 (Tuesday)	07-07-2022 (Thursday)
<b>PHARMACEUTICAL ENGINEERING (55)</b>	Heat Transfer for Pharmaceutical Engineers <b>R2022551</b>	Physical Pharmaceutics <b>R2022552</b>	Principles of Microbiology and Biochemistry <b>R2022553</b>	Reaction Engineering for Pharmaceutical Engineers <b>R2022554</b>	Anatomy and Physiology <b>R2022555</b>
<b>CYBER SECURITY (59)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Database Management Systems <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT), CSE(CSBS),CSE(IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS), CSE(AIDS),CSE(CS),CSE(IOTCSIBCT), CSE(IOT),AIDS,AIML)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT))	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS), CSE(AIDS),CSE(CS),CSE(IOTCSIBCT), CSE(IOT),AIDS,AIML)
<b>ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Computer Organization <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS), CSE(AIDS),CSE(CS),CSE(IOTCSIBCT), CSE(IOT),AIDS,AIML)	Data Warehousing and Mining <b>R2022422</b> (Comm to CSE(AIML),AIDS,CSE(AIDS), AIDS,AIML)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS), CSE(AIDS),CSE(CS),CSE(IOTCSIBCT), CSE(IOT),AIDS,AIML)

**NOTE:**

- (i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.
- (ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- (iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

**DATE: 14-06-2022****Controller of Examinations**



II B.TECH I SEMESTER (R19)

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B TECH - I SEMESTER (R19 REGULATION) SUPPLEMENTARY EXAMINATIONS, JULY - 2022****T I M E T A B L E****TIME: 10.00 AM TO 01.00 PM**

BRANCH	DAY AND DATE					
	14-07-2022 (Thursday)	16-07-2022 (Saturday)	21-07-2022 (Thursday)	23-07-2022 (Saturday)	26-07-2022 (Tuesday)	28-07-2022 (Thursday)
<b>CIVIL ENGINEERING (01-CE)</b>	Complex Variables and Statistical Methods <b>R1921011</b>	Strength of Materials-I <b>R1921012</b>	Fluid Mechanics <b>R1921013</b>	Surveying and Geometrics <b>R1921014</b>	Building Materials, Construction and Planning <b>R1921015</b>	Transportation Engineering-I <b>R1921016</b>
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)</b>	Electrical Circuit Analysis - II <b>R1921021</b>	Electrical Machines-I <b>R1921022</b>	Electronic Devices and Circuits <b>R1921023</b>	Electro Magnetic Fields <b>R1921024</b>	Thermal and Hydro Prime movers <b>R1921025</b>	Managerial Economics & Financial Analysis <b>R1921026</b> (Common to EEE,ECE,EIE,MM)
<b>MECHANICAL ENGINEERING (03-ME)</b>	Vector Calculus & Fourier Transforms <b>R1921031</b>	Mechanics of Solids <b>R1921032</b> (Common to ME,AME)	Material Science & Metallurgy <b>R1921033</b>	Production Technology <b>R1921034</b>	Thermodynamics <b>R1921035</b> (Common to ME,AME)	Machine Drawing <b>R1921036</b>
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04-ECE)</b>	Electronic Devices and Circuits <b>R1921041</b> (Common to ECE,EIE)	Switching Theory and Logic Design <b>R1921042</b> (Common to ECE,EIE)	Signals and Systems <b>R1921043</b> (Common to ECE,EIE)	Random Variables and Stochastic Processes <b>R1921044</b>	Object Oriented Programming through Java <b>R1921045</b>	Managerial Economics & Financial Analysis <b>R1921026</b> (Common to EEE,ECE,EIE,MM)
<b>COMPUTER SCIENCE &amp; ENGINEERING (05-CSE)</b>	Mathematical Foundations of Computer Science <b>R1921051</b>	Software Engineering <b>R1921052</b>	Python Programming <b>R1921053</b> (Common to CSE,IT)	Data Structures <b>R1921054</b> (Common to CSE,IT)	Computer Organization <b>R1921056</b> (Comm to CSE,IT)	Object Oriented Programming through C++ <b>R1921055</b>





II B.TECH I SEMESTER (R19)

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B TECH - I SEMESTER (R19 REGULATION) SUPPLEMENTARY EXAMINATIONS, JULY - 2022****T I M E T A B L E****TIME: 10.00 AM TO 01.00 PM**

BRANCH	DAY AND DATE					
	14-07-2022 (Thursday)	16-07-2022 (Saturday)	21-07-2022 (Thursday)	23-07-2022 (Saturday)	26-07-2022 (Tuesday)	28-07-2022 (Thursday)
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)</b>	Electronic Devices and Circuits <b>R1921041</b> (Common to ECE,EIE)	Switching Theory and Logic Design <b>R1921042</b> (Common to ECE,EIE)	Signals and Systems <b>R1921043</b> (Common to ECE,EIE)	Transducer Technology <b>R1921101</b>	Data structures <b>R1921102</b>	Managerial Economics & Financial Analysis <b>R1921026</b> (Common to EEE,ECE,EIE,MM)
<b>INFORMATION TECHNOLOGY (12-IT)</b>	Discrete Mathematical Structures <b>R1921121</b>	Principles of Software Engineering <b>R1921122</b>	Python Programming <b>R1921053</b> (Common to CSE,IT)	Data Structures <b>R1921054</b> (Common to CSE,IT)	Computer Organization <b>R1921056</b> (Comm to CSE,IT)	Object Oriented Programming through C++ <b>R1921123</b>
<b>AUTO MOBILE ENGINEERING (24-AME)</b>	Metallurgy & Materials Science <b>R1921241</b>	Mechanics of Solids <b>R1921032</b> (Common to ME,AME)	Fluid Mechanics & Hydraulic Machines <b>R1921242</b> (Common to AME,MM)	Basic elements of Automobile Chassis <b>R1921243</b>	Thermodynamics <b>R1921035</b> (Common to ME,AME)	....



II B.TECH I SEMESTER (R19)

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA


**II B TECH - I SEMESTER (R19 REGULATION) SUPPLEMENTARY EXAMINATIONS, JULY - 2022****T I M E T A B L E****TIME: 10.00 AM TO 01.00 PM**

BRANCH	DAY AND DATE					
	14-07-2022 (Thursday)	16-07-2022 (Saturday)	21-07-2022 (Thursday)	23-07-2022 (Saturday)	26-07-2022 (Tuesday)	28-07-2022 (Thursday)
<b>MINING ENGINEERING (26-MM)</b>	Development of Mineral Deposits <b>R1921261</b>	Mine Surveying-I <b>R1921262</b>	Fluid Mechanics & Hydraulic Machines <b>R1921242</b> (Common to AME,MM)	Mining Geology –I <b>R1921263</b>	....	Managerial Economics & Financial Analysis <b>R1921026</b> (Common to EEE,ECE,EIE,MM)
<b>PETROLEUM ENGINEERING/PET ROLEUM TECHNOLOGY (27-PE)</b>	Mathematics- IV <b>R1921271</b>	Basic Electrical & Electronics Engineering <b>R1921272</b>	Materials Science & Engineering <b>R1921273</b>	Elements of Mechanical Engineering <b>R1921274</b>	Petroleum Geology <b>R1921275</b>	Chemical Process Principles <b>R1921276</b>
<b>AGRICULTURAL ENGINEERING (35-AGE)</b>	Mathematics - III <b>R1921351</b>	Fluid Mechanics and Open Channel Hydraulic <b>R1921352</b>	Renewable Energy Sources <b>R1921353</b>	Ground Water Hydrology, Well and Pumps <b>R1921354</b>	Properties and Strength of Materials <b>R1921355</b>	Electrical Systems <b>R1921356</b>

**NOTE:**

- (i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.
- (ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- (iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

DATE: 27-06-2022

  
Controller of Examinations



II B.TECH I SEMESTER (R20)

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B TECH I SEMESTER (R20 REGULATION) SUPPLEMENTARY EXAMINATIONS, JULY - 2022**

**T I M E T A B L E**

**TIME: 10.00 AM TO 01.00 PM**

BRANCH	DAY AND DATE				
	14-07-2022 (Thursday)	16-07-2022 (Saturday)	21-07-2022 (Thursday)	23-07-2022 (Saturday)	26-07-2022 (Tuesday)
<b>CIVIL ENGINEERING (01-CE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Strength of Materials-I <b>R2021012</b>	Fluid Mechanics <b>R2021013</b>	Surveying and Geometrics <b>R2021014</b>	Highway Engineering <b>R2021015</b>
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)</b>	Mathematics – IV <b>R2021021</b>	Electronic Devices and Circuits <b>R2021022</b>	Electrical Circuit Analysis –II <b>R2021023</b>	DC Machines and Transformers <b>R2021024</b>	Electro Magnetic Fields <b>R2021025</b>
<b>MECHANICAL ENGINEERING (03-ME)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mechanics of Solids <b>R2021031</b> (Common to ME,AME)	Production Technology <b>R2021033</b>	Fluid Mechanics & Hydraulic Machines <b>R2021032</b> (Comm to ME,AME)	Kinematics of Machinery <b>R2021034</b>
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04-ECE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Electronic Devices and Circuits <b>R2021041</b> (Common to ECE,EIE,ECT)	Switching Theory and Logic Design <b>R2021042</b> (Common to ECE,EIE,ECT)	Signals and Systems <b>R2021043</b> (Common to ECE,EIE,ECT)	Random Variables and Stochastic Processes <b>R2021044</b> (Common to ECE,ECT)
<b>COMPUTER SCIENE &amp; ENGINEERING (05-CSE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE, CST, CSE (AIML),AIDS,CSE(AIDS),CSE (CS),IOTCSBT,CSBS,IOT,AIDS,CS,AIML)	Object Oriented Programming through C++ <b>R2021051</b> (Common to CSE,IT)	Operating Systems <b>R2021052</b> (Common to CSE,CST, IT,CS,IOTCSBT,IOT,CS)	Software Engineering <b>R2021053</b>

<b>COMPUTER SCIENE &amp; TECHNOLOGY (06)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AI,DS,CSE(AIDS),CSE(CS),IOTCSBT,CS BS,IOT,AIDS,CS,AIML)	Data Structures <b>R2021061</b> (Common to CST,CSE (CS) CS,OITCSBT,CSBS,IOT,CS)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT, CSE(CS),IOTCSBT,IOT)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS), OITCSBT,IOT,CS)
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Electronic Devices and Circuits <b>R2021041</b> (Common to ECE,EIE,ECT)	Switching Theory and Logic Design <b>R2021042</b> (Common to ECE,EIE,ECT)	Signals and Systems <b>R2021043</b> (Common to ECE,EIE,ECT)	Electronic Measurements and Instrumentation <b>R2021101</b>
<b>INFORMATION TECHNOLOGY (12-IT)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Discrete Mathematics and Graph Theory <b>R2021122</b>	Object Oriented Programming through C++ <b>R2021051</b> (Common to CSE, IT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML), AI,DS,CSE(AIDS), AIDS,AIML)
<b>ELECTRONICS &amp; COMMUNICATION TECHNOLOGY (14)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Electronic Devices and Circuits <b>R2021041</b> (Common to ECE,EIE,ECT)	Switching Theory and Logic Design <b>R2021042</b> (Common to ECE,EIE,ECT)	Signals and Systems R2021043 (Common to ECE,EIE,ECT)	Random Variables and Stochastic Process <b>R2021044</b> (Common to ECE,ECT)
<b>AUTO MOBILE ENGINEERING (24-AME)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mechanics of Solids <b>R2021031</b> (Common to ME,AME)	Thermodynamics <b>R2021241</b>	Fluid Mechanics & Hydraulic Machines <b>R2021032</b> (Comm to ME,AME)	Components of Automobile Chassis <b>R2021242</b>
<b>MINING ENGINEERING (26-MM)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Development of Mineral Deposits <b>R2021261</b>	Mine Surveying <b>R2021262</b>	Engineering and Economic Geology <b>R2021263</b>	Mineral Processing Technology <b>R2021264</b>
<b>PETROLEUM ENGINEERING/PET ROLEUM TECHNOLOGY (27-PE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Petroleum Geology <b>R2021271</b>	Fluid Mechanics for Petroleum Engineers <b>R2021272</b>	Heat Transfer Operations <b>R2021273</b>	Material and Energy Balances <b>R2021274</b>



<b>AGRICULTURAL ENGINEERING (35-AGE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Surveying and Leveling <b>R2021351</b>	Fluid Mechanics and Open Channel Hydraulics <b>R2021352</b>	Properties and Strength of Materials <b>R2021353</b>	Farm Power and Tractor Systems <b>R2021354</b>
<b>CSE (Artificial Intelligence and Machine Learning) (42)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AIDS,CSE(AIDS),CSE(CS),IOTCSBT,CS BS,IOT,AIDS,CS,AIML)	Introduction to Artificial Intelligence and Machine Learning <b>R2021421</b> (Common to CSE(AIML), AIML)	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS), AIDS,AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML),AI,DS, CSE(AIDS), AIDS,AIML)
<b>CSE (Artificial Intelligence) (43)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AIDS,CSE(AIDS),CSE(CS),IOTCSBT,CS BS,IOT,AIDS,CS,AIML)	Introduction to Artificial Intelligence <b>R2021431</b>	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML), AI,DS,CSE(AIDS),AIDS,AIML)	Database Management Systems <b>R2021121</b> (Common to IT, CSE(AIML), AI,DS, CSE(AIDS), AIDS,AIML)
<b>CSE (Data Science) (44)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AIDS,CSE(AIDS),CSE(CS),IOTCSBT,CS BS,IOT,AIDS,CS,AIML)	Fundamentals of Data Science <b>R2021441</b>	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML), AI,DS,CSE(AIDS),AIDS,AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML),AI,DS, CSE(AIDS), AIDS,AIML)
<b>CSE (Artificial Intelligence and Data Science) (45)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AIDS,CSE(AIDS),CS,IOTCSBT,CSBS,IOT,AIDS,AIML)	Introduction to Artificial Intelligence and Data Science <b>R2021451</b> (Comm to CSE(AIDS),AIDS)	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS ,AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML), AI,DS,CSE(AIDS), AIDS,AIML)
<b>CSE (Cyber Security) (46)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AIDS,CSE(AIDS),CSE(CS),IOTCSBT,CS BS,IOT,AIDS,CS,AIML)	Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS, OITCSBT,CSBS,IOT,CS)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT,CS)


<b>CSE (Internet of things and Cyber security including Block chain Technology) (47)</b>	<b>Mathematics -III R2021011</b> (Except EEE,FE)	<b>Mathematical Foundations of Computer Science R2021054</b> (Comm to CSE,CST, CSE(AIML),AIDS,CSE(AIDS), CSE(CS),IOTCSBT,CSBS,IOT, AIDS,CS,AIML)	<b>Data Structures R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT,CSBS,IOT,CS)	<b>Operating Systems R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	<b>Java Programming R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT,CS)
<b>CSE (Computer Science and Business System) (48)</b>	<b>Mathematics -III R2021011</b> (Except EEE,FE)	<b>Mathematical Foundations of Computer Science R2021054</b> (Comm to CSE,CST,CSE(AIML),AIDS, CSE(AIDS),CS,IOTCSBT,CSBS, IOT,AIDS,AIML)	<b>Data Structures R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT,CSBS,IOT,CS)	<b>Formal Languages &amp; Automata Theory R2021481</b>	<b>Computer Organization &amp; Architecture R2021482</b>
<b>CSE (Internet of Things) (49)</b>	<b>Mathematics -III R2021011</b> (Except EEE,FE)	<b>Mathematical Foundations of Computer Science R2021054</b> (Comm to CSE,CST,CSE(AIML),AIDS, CSE(AIDS),CSE(CS),IOTCSBT,CSBS,IOT ,AIDS,CS,AIML)	<b>Data Structures R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT,CSBS,IOT,CS)	<b>Operating Systems R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	<b>Java Programming R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT,CS)
<b>FOOD ENGINEERING (51)</b>	<b>Probability and Statistics R2021511</b>	<b>Principles of Food Engineering -I R2021512</b>	<b>Mechanical Operations in Food Processing R2021513</b>	<b>Fluid Mechanics in Food Processing R2021514</b>	<b>Food Microbiology R2021515</b>
<b>ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)</b>	<b>Mathematics -III R2021011</b> (Except EEE,FE)	<b>Mathematical Foundations of Computer Science R2021054</b> (Comm to CSE,CST,CSE(AIML),AIDS, CSE(AIDS),CSE(CS),IOTCSBT,CSBS, IOT,AIDS,CS,AIML)	<b>Introduction to Artificial Intelligence and Data Science R2021451</b> (Comm to CSE(AIDS),AIDS)	<b>Object Oriented Programming with Java R2021422</b> (Comm to CSE(AIML),AIDS,CSE(AIDS), AIDS,AIML)	<b>Database Management Systems R2021121</b> (Common to IT,CSE(AIML),AIDS, CSE(AIDS), AIDS,AIML)
<b>PHARMACEUTICAL ENGINEERING (55)</b>	<b>Mathematics – III R2021011</b> (Except EEE,FE) (Vector Calculus, Transforms and PDE)	<b>Pharmacology R2021551</b>	<b>Material and Energy Balance Computations R2021552</b>	<b>Fluid Mechanics and Mechanical Unit Operations R2021553</b>	<b>Thermodynamics for pharmaceutical Engineers R2021554</b>

<p align="center"><b>CYBER SECURITY (59)</b></p>	<p align="center">Mathematics -III <b>R2021011</b> (Except EEE,FE)</p>	<p align="center">Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML),AIDS, CSE(AIDS),CSE(CS),IOTCSBT,CSBS, IOT,AIDS,CS,AIML)</p>	<p align="center">Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT, CSBS,IOT,CS)</p>	<p align="center">Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CSE(CS),IOTCSBT,IOT )</p>	<p align="center">Java Programming <b>R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT,CS)</p>
<p align="center"><b>ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)</b></p>	<p align="center">Mathematics -III <b>R2021011</b> (Except EEE,FE)</p>	<p align="center">Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST, CSE (AIML),AIDS,CSE(AIDS),CSE(CS), IOTCSBT,CSBS,IOT,AIDS,CS,AIML)</p>	<p align="center">Introduction to Artificial Intelligence and Machine Learning <b>R2021421</b> (Common to CSE(AIML),AIML)</p>	<p align="center">Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML),AIDS,CSE(AIDS),AIDS ,AIML)</p>	<p align="center">Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML) AIDS,CSE(AIDS), AIDS,AIML)</p>

NOTE:

- (i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.
- (ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- (iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

**DATE: 27-06-2022**

  
**Controller of Examinations**







II B.TECH I SEMESTER (R16)

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH - I SEMESTER (R16 REGULATIONS) SUPPLEMENTARY EXAMINATIONS, JULY - 2022**

**TIME TABLE**

**TIME: 10.00 AM TO 01.00 PM**

BRANCH	DATE AND DAY					
	14-07-2022 (Thursday)	16-07-2022 (Saturday)	21-07-2022 (Thursday)	23-07-2022 (Saturday)	26-07-2022 (Tuesday)	28-07-2022 (Thursday)
<b>CIVIL ENGINEERING (01- CE)</b>	FLUID MECHANICS	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING (COM. TO CE, CHEM,PE,PEC)	PROBABILITY & STATISTICS (COM TO CE, MET)	STRENGTH OF MATERIALS-I	SURVEYING	BUILDING MATERIALS AND CONSTRUCTION
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02 - EEE)</b>	ELECTRICAL CIRCUIT ANALYSIS-II	THERMAL AND HYDRO PRIME MOVERS	BASIC ELECTRONICS AND DEVICES	ELECTRICAL MACHINES-I	ELECTRO MAGNETIC FIELDS	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS (COM TO EEE,ME,ECE,CHEM,EIE,ECC,AE,BOT,AME,MIN)
<b>MECHANICAL ENGINEERING (03 - ME)</b>	METALLURGY & MATERIALS SCIENCE (COM TO ME, AME)	THERMODYNAMIC (COM TO ME, AE,AME)	----	MECHANICS OF SOLIDS (COM TO ME,AE,AME)	FLUID MECHANICS & HYDRAULIC MACHINES (COM TO ME,MIN)	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS (COM TO EEE,ME,ECE,CHEM,EIE,ECC,AE,BOT,AME,MIN)
<b>ELECTRONICS &amp; COMMUNICATIONS ENGINEERING (04 - ECE)</b>	NETWORK ANALYSIS (COM. TO ECE,ECC,EIE)	SWITCHING THEORY AND LOGIC DESIGN (COM TO ECE,ECC,EIE)	ELECTRONIC DEVICES AND CIRCUITS (COM TO ECE,ECC,EIE)	RANDOM VARIABLES AND STOCHASTIC PROCESS	SIGNALS & SYSTEMS (COM TO ECE,ECC,EIE)	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS (COM TO EEE,ME,ECE,CHEM,EIE,ECC,AE,BOT,AME,MIN)
<b>COMPUTER SCIENCE &amp; ENGINEERING (05 - CSE)</b>	STATISTICS WITH R PROGRAMMING (COM. TO CSE,IT)	MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE AND ENGINEERING (COM TO CSE,IT)	DATA STRUCTURES THROUGH C++ (COM TO CSE,IT)	COMPUTER GRAPHICS	DIGITAL LOGIC DESIGN (COM TO CSE,IT)	PYTHON PROGRAMMING (COM TO CSE,IT)

**CONTINUED ON PAGE - 2**

**II B.TECH I SEMESTER (R16)**

**PAGE-2**

<b>BRANCH</b>	<b>DATE AND DAY</b>					
	<b>14-07-2022 (Thursday)</b>	<b>16-07-2022 (Saturday)</b>	<b>21-07-2022 (Thursday)</b>	<b>23-07-2022 (Saturday)</b>	<b>26-07-2022 (Tuesday)</b>	<b>28-07-2022 (Thursday)</b>
<b>CHEMICAL ENGINEERING (08 - CHEM)</b>	COMPLEX VARIABLES (COM TO CHEM,PE,PCE)	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING (COM TO CE, CHEM,PE,PEC)	ORGANIC CHEMISTRY (COM TO CHEM,PCE)	PHYSICAL CHEMISTRY (COM TO CHEM, PCE)	CHEMICAL PROCESS CALCULATIONS (COM TO CHE,PE,PCE)	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS (COM TO EEE,ME,ECE,CHEM,EIE,EC C.AE,BOT,AME,MIN)
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10- EIE)</b>	NETWORK ANALYSIS (COM. TO ECE,ECC,EIE)	SWITCHING THEORY AND LOGIC DESIGN (COM TO ECE,ECC,EIE)	ELECTRONIC DEVICES AND CIRCUITS (COM TO ECE,ECC,EIE)	TRANSDUCER TECHNOLOGY	SIGNALS & SYSTEMS (COM TO ECE,ECC,EIE)	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS (COM TO EEE,ME,ECE,CHEM,EIE,EC C.AE,BOT,AME,MIN)
<b>INFORMATION TECHNOLOGY (12 - IT)</b>	STATISTICS WITH R PROGRAMMING (COM. TO CSE,IT)	MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE AND ENGINEERING (COM TO CSE,IT)	DATA STRUCTURES THROUGH C++ (COM TO CSE,IT)	SOFTWARE ENGINEERING (COM TO IT,ECC)	DIGITAL LOGIC DESIGN (COM TO CSE,IT)	PYTHON PROGRAMMING (COM TO CSE,IT)
<b>METALLURGICAL ENGINEERING (17-MET)</b>	METALLURGICAL THERMODYNAMICS-I	MECHANICS OF SOLID AND FLUIDS	PROBABILITY & STATISTICS (COM TO CE,MET)	POLYMERS	PRINCIPLES OF EXTRACTIVE METALLURGY	PHYSICAL METALLURGY
<b>ELECTRONICS AND COMPUTER ENGINEERING (19 - ECC)</b>	NETWORK ANALYSIS (COM. TO ECE,ECC,EIE)	SWITCHING THEORY AND LOGIC DESIGN (COM TO ECE,ECC,EIE)	ELECTRONIC DEVICES AND CIRCUITS (COM TO ECE,ECC,EIE)	SOFTWARE ENGINEERING (COM TO IT,ECC)	SIGNALS & SYSTEMS (COM TO ECE,ECC,EIE)	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS (COM TO EEE,ME,ECE,CHEM,EIE,EC C.AE,BOT,AME,MIN)
<b>AERONUTICAL ENGINEERING (21 - AE)</b>	ELEMENTS OF AEROSPACE ENGINEERING	THERMODYNAMIC (COM TO ME,AE,AME)	----	MECHANICS OF SOLIDS (COM TO ME,AE,AME)	MECHANICS OF FLUIDS	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS (COM TO EEE,ME,ECE,CHEM,EIE,EC C.AE,BOT,AME,MIN)

**CONTINUED ON PAGE – 3**

BRANCH	DATE AND DAY					
	14-07-2022 (Thursday)	16-07-2022 (Saturday)	21-07-2022 (Thursday)	23-07-2022 (Saturday)	26-07-2022 (Tuesday)	28-07-2022 (Thursday)
BIO-TECHNOLOGY (23 - BIO)	MATHEMATICS-III	BIOCHEMISTRY	BIOCHEMICAL THERMODYNAMICS	MICRO BIOLOGY	CELL BIOLOGY	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS (COM TO EEE,ME,ECE,CHEM,EIE,E CC,AE,BOT,AME,MIN)
AUTO MOBILE ENGG. (AME-24)	METALLURGY & MATERIALS SCIENCE (Com.To ME,AME)	THERMODYNAMIC (COM TO ME,AE,AME)	----	MECHANICS OF SOLIDS (COM TO ME,AE,AME)	AUTOMOTIVE ENGINES	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS (COM TO EEE,ME,ECE,CHEM,EIE,E CC,AE,BOT,AME,MIN)
MINING ENGINEERING (26-MM)	MINING GEOLOGY-I	THERMAL ENGINEERING FOR MINING	----	DEVELOPMENT OF MINERAL DEPOSITS	FLUID MECHANICS & HYDRAULIC MACHINES (Com.To CHEM,PCE)	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS (COM TO EEE,ME,ECE,CHEM,EIE,E CC,AE,BOT,AME,MIN)
PETROLEUM ENGINEERING (27-PE)	COMPLEX VARIABLES (COM.TO CHEM,PE,PCE)	BASIC ELECTRICAL AND ELECTRONIS ENGINEERING (COM,TO CE,CHEM,PE,PEC)	GENERAL GEOLOGY	SURVEYING AND OFFSHORE STRUCTURES	CHEMICAL PROCESS CALCULATIONS (COM.To CHEM,PE,PCE)	MATERIAL SCIENCE & ENGINEERING (COM TO PE,PCE)
PETROCHEMICAL ENGINEERING (28-PCE)	COMPLEX VARIABLES (COM.TO CHEM,PE,PCE)	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING (COM,TO CE,CHEM,PE,PEC)	ORGANIC CHEMISTRY (COM.TO CHEM.PCE)	PHYSICAL CHEMISTRY (COM..TO CHEM,PCE)	CHEMICAL PROCESS CALCULATIONS (COM.To CHEM,PE,PCE)	MATERIAL SCIENCE & ENGINEERING (COM TO PE,PCE)
AGRICULTURAL ENGINEERING (35-AGE)	FLUID MECHANICS AND OPEN CHANEEL HYDRAULICS	RENEWABLE ENERGY SOURCES	GROUND WATER HYDROLOGY, WELL AND PUMPS	ELECTRICAL SYSTEMS	PROPERTIES AND STRENGTH OF MATERIALS	SURVEYING

**NOTE:**

- i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.
- ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

DATE: 27-06-2022

*Arjun A. Kulkarni*  
Controller of Examinations

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**UNIVERSITY EXAMINATION CENTER, KAKINADA**

**TIME TABLE FOR II B.TECH I SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS R13 TO R16 REGULATIONS**

<b>DATE OF EXAMINATION: 14.07.2022 (Thursday)</b>	<b>TIME OF EXAMINATION: 10.00 AM TO 01.00 PM</b>	
<b>Branch</b>	<b>Subject Already Studied</b>	<b>Substituted Subject</b>
ELECTRONICS & COMMUNICATIONS ENGINEERING (04 - ECE)	Network Analysis	Data Structures
MECHANICAL ENGINEERING (03 - ME)	----	Basic Electrical and Electronics Engineering


**TIME TABLE FOR II B.TECH I SEMESTER ADITIONAL SUBJECTS FOR READMITTED STUDENTS R13 TO R16 REGULATIONS**

<b>DATE OF EXAMINATION: 21.07.2022 (Thursday)</b>	<b>TIME OF EXAMINATION: 10.00 AM TO 01.00 PM</b>	
<b>Branch</b>	<b>Subject Already Studied</b>	<b>Recommended Additional Subjects as per R16 Regulations</b>
COMPUTER SCIENCE & ENGINEERING (05 - CSE)	---	Object Oriented Programming through C++

**NOTE:**

- i. ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY.
- ii. EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- iii. THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

**DATE: 27-06-2022**

  
**Controller of Examinations**



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**UNIVERSITY EXAMINATION CENTER, KAKINADA**

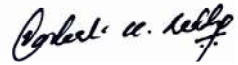
**TIME TABLE FOR II B.TECH I SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS R13 TO R16 REGULATIONS**

<b>DATE OF EXAMINATION: 28.07.2022 (Thursday)</b>		<b>TIME OF EXAMINATION: 10.00 AM TO 01.00 PM</b>	
<b>Branch</b>	<b>Subject Already Studied</b>	<b>Substituted Subject</b>	
<b>CIVIL ENGINEERING (01- CE)</b>	Professional Ethics & Human Values	Elements of Mechanical Engineering	
<b>ELECTRONICS &amp; COMMUNICATIONS ENGINEERING (04 - ECE)</b>	---	Electrical and Mechanical Technology	

**NOTE:**

- i. ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY.
- ii. EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- iii. THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

**DATE: 27-06-2022**

  
**Controller of Examinations**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**UNIVERSITY EXAMINATION CENTER, KAKINADA**

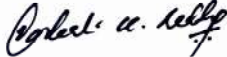
**TIME TABLE FOR II B.TECH I SEMESTER (INTER UNIVERSITY TRANSFER)**

<b>DATE OF EXAMINATION: 28.07.2022 (Thursday)</b>	<b>TIME OF EXAMINATION: 10.00 AM TO 01.00 PM</b>
<b>Branch</b>	<b>Subject</b>
<b>COMPUTER SCIENCE &amp; ENGINEERING (05 - CSE)</b>	<b>Basic Electrical and Electronics Engineering (15A99301)</b>

**NOTE:**

- i. ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY.
- ii. EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- iii. THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

**DATE: 27-06-2022**

  
**Controller of Examinations**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**I B.TECH II SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, AUGUST - 2022****TIME TABLE**

TIME: 10.00 AM TO 01.00 PM

Branch	08-08-2022 (Monday)	10-08-2022 (Wednesday)	12-08-2022 (Friday)	16-08-2022 (Tuesday)	18-08-2022 (Thursday)	20-08-2022 (Saturday)
Subjects	Mathematics – II <b>R201201</b>	Building Materials and Concrete Technology <b>R201205</b> (Only for CE)  Applied Physics <b>R201207</b> (Comm to EEE, ECE, EIE, ECT, CSE-AI&ML, CSE-AI, CSE-DS, CSE-AI&DS, AI&DC)  Basic Electrical and Electronics Engineering <b>R201211</b> (Comm to ME, AME, Mining, PE, FE, Pharm. E)	Programming for Problem Solving Using C <b>R201204</b> (Comm to CE, Agri E)  Data Structures Through C <b>R201208</b> (Only for EEE)  Basic Electrical Engineering <b>R201214</b> (Comm to ECE, EIE, ECT)  Computer Organization <b>R201216</b> (Comm to CSE, IT)  Digital Logic Design <b>R201221</b> (Comm to CSE-CS&T, CSE-AI&ML, CSE-AI, CSE-DS, CSE-AI&DS, CSE-CS, CSE-IOT&CS INCL BCT, CSE-CS&BS, CSE-IOT, AI&DS, Cyber Security)  Engineering Physics <b>R201222</b> (Comm. to AME, Mining, PE, FE)	Data Structures <b>R201218</b> (Comm to CSE, IT, CSE-AI&ML, CSE-AI, CSE-DS, CSE-AI&DS, AI&DS)  Problem Solving Using Python <b>R201219</b> (Comm to CSE-CS&T, CSE-CS, CSE-IOT&CS Incl BCT, CSE-CS&BS, CSE-IOT, Cyber Security)  Pharmaceutical Chemistry <b>R201258</b> (Only for Pharm. E)  Electrical Circuit Analysis –I <b>R201209</b> (Only for EEE)  Engineering Mechanics <b>R201210</b> (Comm to ME, PE, Agri E, FE)  Mechanics of Solids <b>R201255</b> (Only for Mining)  Metallurgy & Materials Science <b>R201256</b> (Only for AME)	Engineering Mechanics <b>R201203</b> (Only for CE)  Thermodynamics <b>R201254</b> (Only for ME)  Basic Civil and Mechanical Engineering <b>R201227</b> (Only for EEE)  Engineering Drawing <b>R201224</b> (Comm to Mining, Agri.E, Phar.E)  Object Oriented Programming Through Java <b>R201212</b> (Comm to ECE, EIE, ECT)  Basic Electrical & Electronics Engineering <b>R201220</b> (Comm to CSE-CS&T, CSE-CS, CSE-IOT&CS Incl BCT, CSE-CS&BS, CSE-IOT, Cyber Security)  Engineering Graphics <b>R201257</b> (Only for AME)  Python Programming <b>R201225</b> (Comm to CSE, IT, CSE-AI&ML, CSE-AI, CSE-DS, CSE-AI&DS, AI&DS)  Elements of Mechanical Engineering <b>R201223</b> (Only for PE)	Mathematics-III <b>R201206</b> (Only for EEE)  Engineering Chemistry <b>R201202</b> (Comm. to CE, ME, Agri.E)  Applied Chemistry <b>R201215</b> (Comm to CSE, CSE-CS&T, IT, CSE-CS, CSE-IOT&CS Incl BCT, CSE-CS&BS, CSE-IOT, Cyber Security)  Network Analysis <b>R201213</b> (Comm to ECE, EIE, ECT)  Engineering and Solid Mechanics <b>R201259</b> (Only for Pharm. E)

**NOTE:**

- ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY.
- EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE TIME TABLE IMMEDIATELY.

DATE: 20-07-2022

Controller of Examinations



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**I B.TECH II SEMESTER (R19 REGULATION) SUPPLEMENTARY EXAMINATIONS, AUGUST - 2022**

**TIME TABLE**

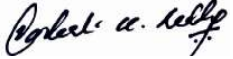
**TIME: 10.00 AM TO 01.00 PM**

Branch	08-08-2022 (Monday)	10-08-2022 (Wednesday)	12-08-2022 (Friday)	16-08-2022 (Tuesday)	18-08-2022 (Thursday)	20-08-2022 (Saturday)
<b>Subjects</b>	ENGLISH (Com. to CE,ME, Chem E,Auto E, Min E, Pet E,Agri E) <b>(R19HS1201)</b>	MATHEMATICS- III (Com. to CE,EEE,ECE,CSE, Chem E,EIE,IT, Auto E,Min E, Pet E) <b>(R19BS1203)</b>	APPLIED PHYSICS (Com to EEE, ECE, CSE, EIE, IT) <b>(R19BS1204)</b>	DIGITAL LOGIC DESIGN (Com. CSE,IT) <b>(R19ES1213)</b>	PROGRAMMING FOR PROBLEM SOLVING USING C (Com. CE,CSE,IT,Agri E) <b>(R19ES1201)</b>	ENGINEERING MECHANICS (Com. to ME, Chem E, Pet E) <b>(R19ES1204)</b>
	MATHEMATICS-II (Com. to EEE,ECE,CSE, EIE,IT) <b>(R19BS1202)</b>		ENGINEERING CHEMISTRY (Com to CE, ME, Agri E) <b>(R19BS1210)</b>	INTRODUCTION TO CHEMICAL ENGINEERING (Only Chem E) <b>(R19CH1201)</b>		
			ENGINEERING PHYSICS (Com. to Chem E, Auto E, Min E, Pet E) <b>(R19BS1208)</b>	INTRODUCTION TO PETROLEUM ENGINEERING (Only Pet E) <b>(R19PT1201)</b>	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING (Com. ME, Auto E,Min E) <b>(R19ES1206)</b>	ENGINEERING DRAWING (Com. to Auto E, Min E) <b>(R19ES1203)</b>
				FUNDAMENTALS OF COMPUTERS (Only EEE) <b>(R19ES1212)</b>	BASIC ELECTRICAL ENGINEERING (Com. ECE, EIE) <b>(R19ES1211)</b>	

**NOTE:**

- ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY.
- EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE TIME TABLE IMMEDIATELY.

**DATE: 20-07-2022**

  
**Controller of Examinations**





JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

*Examination Portal*



A university Stands for Humanism, Tolerance,  
Reason, Progress, The adventure of ideas and  
search for the truth.

**Contact Details:**

DE Office: 0884-2300911,0884-2300912-Fax

CE Office: 0884-2300907,0884-2300909

Communication to Principals  
Principal News

Fee payment particulars of PHASE-  
March 2023 PC & CMM applied  
candidates(Pay the amount under  
JNTUK BULK PC Section )

Approved Project Viva Voice  
Examiners for MBA JAN-2023

PROJECT FEE FOR MBA 3  
SEM PROJECT VIVA-FEB  
2023(Pay the amount under  
PROJECT VIVA )

UPLOAD All UG/PG 2022-23  
JOINING STUDENT IMAGES

## RESULTS

The Latest Results of JNTUK also available in the following site  
[www.jntukexams.info](http://www.jntukexams.info)

15/04/2023 Result of II B.Tech I Semester (R13) Supplementary Examinations, Jan-2023.Last Date to apply for Recounting/Revaluation/Challenge Revaluation is : 22-04-2023[ Password is [\[ugpresults2223896900370\]](#)]-Click On it

15/04/2023 Result of II B.Tech I Semester (R20) Regular Examinations, Jan-2023.Last Date to apply for Recounting/Revaluation/Challenge Revaluation is : 22-04-2023[ Password is [\[ugpresults2223896900370\]](#)]-Click On it

15/04/2023 Result of II B.Tech I Semester (R19) Supplementary Examinations, Jan-2023.Last Date to apply for Recounting/Revaluation/Challenge Revaluation is : 22-04-2023[ Password is [\[ugpresults2223896900370\]](#)]-Click On it



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Result of IV B.Tech II Semester (R16) Regular/Supplementary Examinations June 2022

College name: KRISHNA CHAITANYA INST OF TECH & SCI.,DEVARAJIGATTU,PEDDARAV:JU

Htno	Subcode	Subname	Grade	Credits
16JU1A0120	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	B	3
16JU1A0207	R1642021	DIGITAL CONTROL SYSTEMS	ABSENT	0
16JU1A0330	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON	D	3
16JU1A0425	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
16JU1A0439	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	ABSENT	0
16JU1A0439	R1642043	SATELLITE COMMUNICATIONS	ABSENT	0
16JU1A0452	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
16JU1A04B3	R1642041	CELLULAR MOBILE COMMUNICATIONS	D	3
16JU1A04B3	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	F	0
16JU1A05B3	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	ABSENT	0
17JU1A0101	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	F	0
17JU1A0102	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	F	0
17JU1A0102	R1642013	PRESTRESSED CONCRETE	F	0
17JU1A0127	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	B	3
17JU1A0204	R1642022	HVDC TRANSMISSION	B	3
17JU1A0207	R1642021	DIGITAL CONTROL SYSTEMS	F	0
17JU1A0324	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON	C	3
17JU1A0324	R1642032	UNCONVENTIONAL MACHINING PROCESSES	D	3
17JU1A0324	R1642033	AUTOMOBILE ENGINEERING	F	0
17JU1A0324	R1642035	SEMINAR	S	2
17JU1A0324	R1642036	PROJECT	S	10
17JU1A0324	R164203B	NON DESTRUCTIVE EVALUATION	D	3
17JU1A0407	R1642041	CELLULAR MOBILE COMMUNICATIONS	F	0
17JU1A0407	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	F	0
17JU1A0407	R1642043	SATELLITE COMMUNICATIONS	F	0
17JU1A0407	R1642045	SEMINAR	A	2
17JU1A0407	R1642046	PROJECT	S	10
17JU1A0407	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	F	0
17JU1A0414	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	F	0
17JU1A0451	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	F	0
17JU1A0458	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
17JU1A0468	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
17JU1A0468	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
17JU1A0468	R1642043	SATELLITE COMMUNICATIONS	D	3
17JU1A0468	R1642045	SEMINAR	S	2
17JU1A0468	R1642046	PROJECT	O	10
17JU1A0468	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
17JU1A0481	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
17JU1A0495	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
17JU1A0495	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
17JU1A0495	R1642043	SATELLITE COMMUNICATIONS	B	3
17JU1A0495	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
17JU1A0497	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
17JU1A0497	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
17JU1A0497	R1642043	SATELLITE COMMUNICATIONS	D	3

17JU1A0497	R1642045	SEMINAR	S	2
17JU1A0497	R1642046	PROJECT	O	10
17JU1A0497	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	F	0
17JU1A04A8	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
17JU1A0532	R1642053	MACHINE LEARNING	F	0
17JU1A0570	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
17JU1A0570	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	A	3
17JU1A0570	R1642053	MACHINE LEARNING	D	3
17JU1A0570	R1642055	SEMINAR	O	2
17JU1A0570	R1642056	PROJECT	O	10
17JU1A0570	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0101	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	A	3
18JU1A0101	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	S	3
18JU1A0101	R1642013	PRESTRESSED CONCRETE	A	3
18JU1A0101	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0101	R1642016	PROJECT	O	10
18JU1A0101	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	A	3
18JU1A0102	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	D	3
18JU1A0102	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	B	3
18JU1A0102	R1642013	PRESTRESSED CONCRETE	B	3
18JU1A0102	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0102	R1642016	PROJECT	O	10
18JU1A0102	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	B	3
18JU1A0104	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	A	3
18JU1A0104	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	B	3
18JU1A0104	R1642013	PRESTRESSED CONCRETE	B	3
18JU1A0104	R1642015	SEMINAR ON INTERNSHIP PROJECT	S	2
18JU1A0104	R1642016	PROJECT	O	10
18JU1A0104	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	B	3
18JU1A0105	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	B	3
18JU1A0105	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	A	3
18JU1A0105	R1642013	PRESTRESSED CONCRETE	C	3
18JU1A0105	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0105	R1642016	PROJECT	O	10
18JU1A0105	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	B	3
18JU1A0106	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	O	3
18JU1A0106	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	S	3
18JU1A0106	R1642013	PRESTRESSED CONCRETE	A	3
18JU1A0106	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0106	R1642016	PROJECT	O	10
18JU1A0106	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	S	3
18JU1A0107	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	D	3
18JU1A0107	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	C	3
18JU1A0107	R1642013	PRESTRESSED CONCRETE	D	3
18JU1A0107	R1642015	SEMINAR ON INTERNSHIP PROJECT	S	2
18JU1A0107	R1642016	PROJECT	B	10
18JU1A0107	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	D	3
18JU1A0111	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	S	3
18JU1A0111	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	B	3
18JU1A0111	R1642013	PRESTRESSED CONCRETE	A	3
18JU1A0111	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2

18JU1A0111	R1642016	PROJECT	O	10
18JU1A0111	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	A	3
18JU1A0112	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	A	3
18JU1A0112	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	A	3
18JU1A0112	R1642013	PRESTRESSED CONCRETE	B	3
18JU1A0112	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0112	R1642016	PROJECT	O	10
18JU1A0112	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	A	3
18JU1A0113	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	S	3
18JU1A0113	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	C	3
18JU1A0113	R1642013	PRESTRESSED CONCRETE	A	3
18JU1A0113	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0113	R1642016	PROJECT	O	10
18JU1A0113	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	B	3
18JU1A0114	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	D	3
18JU1A0114	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	C	3
18JU1A0114	R1642013	PRESTRESSED CONCRETE	C	3
18JU1A0114	R1642015	SEMINAR ON INTERNSHIP PROJECT	S	2
18JU1A0114	R1642016	PROJECT	S	10
18JU1A0114	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	D	3
18JU1A0115	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	B	3
18JU1A0115	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	B	3
18JU1A0115	R1642013	PRESTRESSED CONCRETE	C	3
18JU1A0115	R1642015	SEMINAR ON INTERNSHIP PROJECT	S	2
18JU1A0115	R1642016	PROJECT	O	10
18JU1A0115	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	B	3
18JU1A0116	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	ABSENT	0
18JU1A0116	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	ABSENT	0
18JU1A0116	R1642013	PRESTRESSED CONCRETE	ABSENT	0
18JU1A0116	R1642015	SEMINAR ON INTERNSHIP PROJECT	S	2
18JU1A0116	R1642016	PROJECT	C	10
18JU1A0116	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	ABSENT	0
18JU1A0117	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	O	3
18JU1A0117	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	A	3
18JU1A0117	R1642013	PRESTRESSED CONCRETE	A	3
18JU1A0117	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0117	R1642016	PROJECT	O	10
18JU1A0117	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	A	3
18JU1A0119	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	C	3
18JU1A0119	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	B	3
18JU1A0119	R1642013	PRESTRESSED CONCRETE	B	3
18JU1A0119	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0119	R1642016	PROJECT	O	10
18JU1A0119	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	C	3
18JU1A0120	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	A	3
18JU1A0120	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	B	3
18JU1A0120	R1642013	PRESTRESSED CONCRETE	B	3
18JU1A0120	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0120	R1642016	PROJECT	A	10
18JU1A0120	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	B	3
18JU1A0121	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	A	3



18JU1A0121	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	C	3
18JU1A0121	R1642013	PRESTRESSED CONCRETE	C	3
18JU1A0121	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0121	R1642016	PROJECT	B	10
18JU1A0121	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	B	3
18JU1A0122	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	C	3
18JU1A0122	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	C	3
18JU1A0122	R1642013	PRESTRESSED CONCRETE	D	3
18JU1A0122	R1642015	SEMINAR ON INTERNSHIP PROJECT	S	2
18JU1A0122	R1642016	PROJECT	B	10
18JU1A0122	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	C	3
18JU1A0124	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	C	3
18JU1A0124	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	B	3
18JU1A0124	R1642013	PRESTRESSED CONCRETE	B	3
18JU1A0124	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0124	R1642016	PROJECT	O	10
18JU1A0124	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	B	3
18JU1A0125	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	A	3
18JU1A0125	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	B	3
18JU1A0125	R1642013	PRESTRESSED CONCRETE	B	3
18JU1A0125	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0125	R1642016	PROJECT	A	10
18JU1A0125	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	B	3
18JU1A0126	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	S	3
18JU1A0126	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	O	3
18JU1A0126	R1642013	PRESTRESSED CONCRETE	S	3
18JU1A0126	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0126	R1642016	PROJECT	O	10
18JU1A0126	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	A	3
18JU1A0127	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	A	3
18JU1A0127	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	A	3
18JU1A0127	R1642013	PRESTRESSED CONCRETE	B	3
18JU1A0127	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0127	R1642016	PROJECT	O	10
18JU1A0127	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	B	3
18JU1A0128	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	B	3
18JU1A0128	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	A	3
18JU1A0128	R1642013	PRESTRESSED CONCRETE	A	3
18JU1A0128	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0128	R1642016	PROJECT	O	10
18JU1A0128	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	C	3
18JU1A0130	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	B	3
18JU1A0130	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	B	3
18JU1A0130	R1642013	PRESTRESSED CONCRETE	A	3
18JU1A0130	R1642015	SEMINAR ON INTERNSHIP PROJECT	S	2
18JU1A0130	R1642016	PROJECT	O	10
18JU1A0130	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	B	3
18JU1A0131	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	A	3
18JU1A0131	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	B	3
18JU1A0131	R1642013	PRESTRESSED CONCRETE	C	3
18JU1A0131	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2

18JU1A0131	R1642016	PROJECT	O	10
18JU1A0131	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	B	3
18JU1A0132	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	O	3
18JU1A0132	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	B	3
18JU1A0132	R1642013	PRESTRESSED CONCRETE	C	3
18JU1A0132	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0132	R1642016	PROJECT	O	10
18JU1A0132	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	B	3
18JU1A0133	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	A	3
18JU1A0133	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	A	3
18JU1A0133	R1642013	PRESTRESSED CONCRETE	A	3
18JU1A0133	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0133	R1642016	PROJECT	O	10
18JU1A0133	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	S	3
18JU1A0134	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	A	3
18JU1A0134	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	B	3
18JU1A0134	R1642013	PRESTRESSED CONCRETE	S	3
18JU1A0134	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0134	R1642016	PROJECT	O	10
18JU1A0134	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	A	3
18JU1A0135	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	B	3
18JU1A0135	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	A	3
18JU1A0135	R1642013	PRESTRESSED CONCRETE	C	3
18JU1A0135	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0135	R1642016	PROJECT	O	10
18JU1A0135	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	C	3
18JU1A0136	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	S	3
18JU1A0136	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	A	3
18JU1A0136	R1642013	PRESTRESSED CONCRETE	A	3
18JU1A0136	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0136	R1642016	PROJECT	O	10
18JU1A0136	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	S	3
18JU1A0139	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	A	3
18JU1A0139	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	A	3
18JU1A0139	R1642013	PRESTRESSED CONCRETE	A	3
18JU1A0139	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0139	R1642016	PROJECT	O	10
18JU1A0139	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	C	3
18JU1A0140	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	B	3
18JU1A0140	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	D	3
18JU1A0140	R1642013	PRESTRESSED CONCRETE	B	3
18JU1A0140	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0140	R1642016	PROJECT	O	10
18JU1A0140	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	C	3
18JU1A0141	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	C	3
18JU1A0141	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	F	0
18JU1A0141	R1642013	PRESTRESSED CONCRETE	D	3
18JU1A0141	R1642015	SEMINAR ON INTERNSHIP PROJECT	S	2
18JU1A0141	R1642016	PROJECT	O	10
18JU1A0141	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	C	3
18JU1A0142	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	B	3

18JU1A0142	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	C	3
18JU1A0142	R1642013	PRESTRESSED CONCRETE	C	3
18JU1A0142	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0142	R1642016	PROJECT	O	10
18JU1A0142	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	C	3
18JU1A0143	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	B	3
18JU1A0143	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	B	3
18JU1A0143	R1642013	PRESTRESSED CONCRETE	B	3
18JU1A0143	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0143	R1642016	PROJECT	O	10
18JU1A0143	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	B	3
18JU1A0144	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	A	3
18JU1A0144	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	B	3
18JU1A0144	R1642013	PRESTRESSED CONCRETE	C	3
18JU1A0144	R1642015	SEMINAR ON INTERNSHIP PROJECT	S	2
18JU1A0144	R1642016	PROJECT	A	10
18JU1A0144	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	B	3
18JU1A0145	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	O	3
18JU1A0145	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	S	3
18JU1A0145	R1642013	PRESTRESSED CONCRETE	A	3
18JU1A0145	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0145	R1642016	PROJECT	O	10
18JU1A0145	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	S	3
18JU1A0146	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	C	3
18JU1A0146	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	C	3
18JU1A0146	R1642013	PRESTRESSED CONCRETE	D	3
18JU1A0146	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0146	R1642016	PROJECT	A	10
18JU1A0146	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	C	3
18JU1A0147	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	B	3
18JU1A0147	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	B	3
18JU1A0147	R1642013	PRESTRESSED CONCRETE	B	3
18JU1A0147	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0147	R1642016	PROJECT	O	10
18JU1A0147	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	A	3
18JU1A0149	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	S	3
18JU1A0149	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	C	3
18JU1A0149	R1642013	PRESTRESSED CONCRETE	B	3
18JU1A0149	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0149	R1642016	PROJECT	O	10
18JU1A0149	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	B	3
18JU1A0151	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	S	3
18JU1A0151	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	S	3
18JU1A0151	R1642013	PRESTRESSED CONCRETE	B	3
18JU1A0151	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
18JU1A0151	R1642016	PROJECT	O	10
18JU1A0151	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	A	3
18JU1A0152	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	O	3
18JU1A0152	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	C	3
18JU1A0152	R1642013	PRESTRESSED CONCRETE	C	3
18JU1A0152	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2

18JU1A0152	R1642016	PROJECT	O	10
18JU1A0152	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	B	3
18JU1A0202	R1642021	DIGITAL CONTROL SYSTEMS	B	3
18JU1A0202	R1642022	HVDC TRANSMISSION	C	3
18JU1A0202	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	A	3
18JU1A0202	R1642025	SEMINAR	O	2
18JU1A0202	R1642026	PROJECT	O	10
18JU1A0202	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	B	3
18JU1A0203	R1642021	DIGITAL CONTROL SYSTEMS	C	3
18JU1A0203	R1642022	HVDC TRANSMISSION	C	3
18JU1A0203	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	C	3
18JU1A0203	R1642025	SEMINAR	O	2
18JU1A0203	R1642026	PROJECT	S	10
18JU1A0203	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	D	3
18JU1A0204	R1642021	DIGITAL CONTROL SYSTEMS	B	3
18JU1A0204	R1642022	HVDC TRANSMISSION	B	3
18JU1A0204	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	C	3
18JU1A0204	R1642025	SEMINAR	O	2
18JU1A0204	R1642026	PROJECT	S	10
18JU1A0204	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	B	3
18JU1A0205	R1642021	DIGITAL CONTROL SYSTEMS	B	3
18JU1A0205	R1642022	HVDC TRANSMISSION	B	3
18JU1A0205	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	C	3
18JU1A0205	R1642025	SEMINAR	O	2
18JU1A0205	R1642026	PROJECT	S	10
18JU1A0205	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	B	3
18JU1A0206	R1642021	DIGITAL CONTROL SYSTEMS	D	3
18JU1A0206	R1642022	HVDC TRANSMISSION	D	3
18JU1A0206	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	D	3
18JU1A0206	R1642025	SEMINAR	O	2
18JU1A0206	R1642026	PROJECT	S	10
18JU1A0206	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	C	3
18JU1A0208	R1642021	DIGITAL CONTROL SYSTEMS	B	3
18JU1A0208	R1642022	HVDC TRANSMISSION	C	3
18JU1A0208	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	A	3
18JU1A0208	R1642025	SEMINAR	O	2
18JU1A0208	R1642026	PROJECT	S	10
18JU1A0208	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	A	3
18JU1A0209	R1642021	DIGITAL CONTROL SYSTEMS	D	3
18JU1A0209	R1642022	HVDC TRANSMISSION	D	3
18JU1A0209	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	C	3
18JU1A0209	R1642025	SEMINAR	S	2
18JU1A0209	R1642026	PROJECT	S	10
18JU1A0209	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	B	3
18JU1A0210	R1642021	DIGITAL CONTROL SYSTEMS	B	3
18JU1A0210	R1642022	HVDC TRANSMISSION	B	3
18JU1A0210	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	C	3
18JU1A0210	R1642025	SEMINAR	O	2
18JU1A0210	R1642026	PROJECT	S	10
18JU1A0210	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	C	3
18JU1A0211	R1642021	DIGITAL CONTROL SYSTEMS	B	3



18JU1A0211	R1642022	HVDC TRANSMISSION	B	3
18JU1A0211	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	S	3
18JU1A0211	R1642025	SEMINAR	O	2
18JU1A0211	R1642026	PROJECT	S	10
18JU1A0211	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	A	3
18JU1A0212	R1642021	DIGITAL CONTROL SYSTEMS	C	3
18JU1A0212	R1642022	HVDC TRANSMISSION	D	3
18JU1A0212	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	D	3
18JU1A0212	R1642025	SEMINAR	S	2
18JU1A0212	R1642026	PROJECT	S	10
18JU1A0212	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	F	0
18JU1A0213	R1642021	DIGITAL CONTROL SYSTEMS	S	3
18JU1A0213	R1642022	HVDC TRANSMISSION	S	3
18JU1A0213	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	A	3
18JU1A0213	R1642025	SEMINAR	O	2
18JU1A0213	R1642026	PROJECT	O	10
18JU1A0213	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	A	3
18JU1A0214	R1642021	DIGITAL CONTROL SYSTEMS	C	3
18JU1A0214	R1642022	HVDC TRANSMISSION	B	3
18JU1A0214	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	B	3
18JU1A0214	R1642025	SEMINAR	O	2
18JU1A0214	R1642026	PROJECT	S	10
18JU1A0214	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	C	3
18JU1A0215	R1642021	DIGITAL CONTROL SYSTEMS	D	3
18JU1A0215	R1642022	HVDC TRANSMISSION	B	3
18JU1A0215	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	D	3
18JU1A0215	R1642025	SEMINAR	S	2
18JU1A0215	R1642026	PROJECT	S	10
18JU1A0215	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	D	3
18JU1A0216	R1642021	DIGITAL CONTROL SYSTEMS	C	3
18JU1A0216	R1642022	HVDC TRANSMISSION	D	3
18JU1A0216	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	C	3
18JU1A0216	R1642025	SEMINAR	S	2
18JU1A0216	R1642026	PROJECT	S	10
18JU1A0216	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	A	3
18JU1A0217	R1642021	DIGITAL CONTROL SYSTEMS	B	3
18JU1A0217	R1642022	HVDC TRANSMISSION	A	3
18JU1A0217	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	B	3
18JU1A0217	R1642025	SEMINAR	S	2
18JU1A0217	R1642026	PROJECT	S	10
18JU1A0217	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	A	3
18JU1A0218	R1642021	DIGITAL CONTROL SYSTEMS	C	3
18JU1A0218	R1642022	HVDC TRANSMISSION	C	3
18JU1A0218	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	C	3
18JU1A0218	R1642025	SEMINAR	S	2
18JU1A0218	R1642026	PROJECT	S	10
18JU1A0218	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	B	3
18JU1A0219	R1642021	DIGITAL CONTROL SYSTEMS	D	3
18JU1A0219	R1642022	HVDC TRANSMISSION	D	3
18JU1A0219	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	C	3
18JU1A0219	R1642025	SEMINAR	O	2

18JU1A0219	R1642026	PROJECT	A	10
18JU1A0219	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	D	3
18JU1A0220	R1642021	DIGITAL CONTROL SYSTEMS	C	3
18JU1A0220	R1642022	HVDC TRANSMISSION	B	3
18JU1A0220	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	C	3
18JU1A0220	R1642025	SEMINAR	O	2
18JU1A0220	R1642026	PROJECT	O	10
18JU1A0220	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	C	3
18JU1A0222	R1642021	DIGITAL CONTROL SYSTEMS	B	3
18JU1A0222	R1642022	HVDC TRANSMISSION	C	3
18JU1A0222	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	B	3
18JU1A0222	R1642025	SEMINAR	S	2
18JU1A0222	R1642026	PROJECT	A	10
18JU1A0222	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	C	3
18JU1A0223	R1642021	DIGITAL CONTROL SYSTEMS	C	3
18JU1A0223	R1642022	HVDC TRANSMISSION	F	0
18JU1A0223	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	C	3
18JU1A0223	R1642025	SEMINAR	O	2
18JU1A0223	R1642026	PROJECT	O	10
18JU1A0223	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	C	3
18JU1A0224	R1642021	DIGITAL CONTROL SYSTEMS	C	3
18JU1A0224	R1642022	HVDC TRANSMISSION	B	3
18JU1A0224	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	B	3
18JU1A0224	R1642025	SEMINAR	O	2
18JU1A0224	R1642026	PROJECT	O	10
18JU1A0224	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	A	3
18JU1A0225	R1642021	DIGITAL CONTROL SYSTEMS	C	3
18JU1A0225	R1642022	HVDC TRANSMISSION	C	3
18JU1A0225	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	B	3
18JU1A0225	R1642025	SEMINAR	O	2
18JU1A0225	R1642026	PROJECT	S	10
18JU1A0225	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	B	3
18JU1A0226	R1642021	DIGITAL CONTROL SYSTEMS	F	0
18JU1A0226	R1642022	HVDC TRANSMISSION	F	0
18JU1A0226	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	D	3
18JU1A0226	R1642025	SEMINAR	S	2
18JU1A0226	R1642026	PROJECT	A	10
18JU1A0226	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	D	3
18JU1A0301	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON	B	3
18JU1A0301	R1642032	UNCONVENTIONAL MACHINING PROCESSES	B	3
18JU1A0301	R1642033	AUTOMOBILE ENGINEERING	C	3
18JU1A0301	R1642035	SEMINAR	S	2
18JU1A0301	R1642036	PROJECT	O	10
18JU1A0301	R164203B	NON DESTRUCTIVE EVALUATION	B	3
18JU1A0302	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON	C	3
18JU1A0302	R1642032	UNCONVENTIONAL MACHINING PROCESSES	D	3
18JU1A0302	R1642033	AUTOMOBILE ENGINEERING	D	3
18JU1A0302	R1642035	SEMINAR	O	2
18JU1A0302	R1642036	PROJECT	O	10
18JU1A0302	R164203B	NON DESTRUCTIVE EVALUATION	C	3
18JU1A0303	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON	B	3

18JU1A0303	R1642032	UNCONVENTIONAL MACHINING PROCESSES	B	3
18JU1A0303	R1642033	AUTOMOBILE ENGINEERING	B	3
18JU1A0303	R1642035	SEMINAR	O	2
18JU1A0303	R1642036	PROJECT	O	10
18JU1A0303	R164203B	NON DESTRUCTIVE EVALUATION	D	3
18JU1A0305	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON	S	3
18JU1A0305	R1642032	UNCONVENTIONAL MACHINING PROCESSES	S	3
18JU1A0305	R1642033	AUTOMOBILE ENGINEERING	B	3
18JU1A0305	R1642035	SEMINAR	O	2
18JU1A0305	R1642036	PROJECT	O	10
18JU1A0305	R164203B	NON DESTRUCTIVE EVALUATION	S	3
18JU1A0306	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON	S	3
18JU1A0306	R1642032	UNCONVENTIONAL MACHINING PROCESSES	B	3
18JU1A0306	R1642033	AUTOMOBILE ENGINEERING	C	3
18JU1A0306	R1642035	SEMINAR	O	2
18JU1A0306	R1642036	PROJECT	O	10
18JU1A0306	R164203B	NON DESTRUCTIVE EVALUATION	S	3
18JU1A0307	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON	B	3
18JU1A0307	R1642032	UNCONVENTIONAL MACHINING PROCESSES	D	3
18JU1A0307	R1642033	AUTOMOBILE ENGINEERING	F	0
18JU1A0307	R1642035	SEMINAR	O	2
18JU1A0307	R1642036	PROJECT	O	10
18JU1A0307	R164203B	NON DESTRUCTIVE EVALUATION	B	3
18JU1A0309	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON	A	3
18JU1A0309	R1642032	UNCONVENTIONAL MACHINING PROCESSES	A	3
18JU1A0309	R1642033	AUTOMOBILE ENGINEERING	B	3
18JU1A0309	R1642035	SEMINAR	O	2
18JU1A0309	R1642036	PROJECT	O	10
18JU1A0309	R164203B	NON DESTRUCTIVE EVALUATION	C	3
18JU1A0310	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON	D	3
18JU1A0310	R1642032	UNCONVENTIONAL MACHINING PROCESSES	C	3
18JU1A0310	R1642033	AUTOMOBILE ENGINEERING	D	3
18JU1A0310	R1642035	SEMINAR	O	2
18JU1A0310	R1642036	PROJECT	O	10
18JU1A0310	R164203B	NON DESTRUCTIVE EVALUATION	C	3
18JU1A0311	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON	A	3
18JU1A0311	R1642032	UNCONVENTIONAL MACHINING PROCESSES	C	3
18JU1A0311	R1642033	AUTOMOBILE ENGINEERING	D	3
18JU1A0311	R1642035	SEMINAR	S	2
18JU1A0311	R1642036	PROJECT	O	10
18JU1A0311	R164203B	NON DESTRUCTIVE EVALUATION	C	3
18JU1A0313	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON	B	3
18JU1A0313	R1642032	UNCONVENTIONAL MACHINING PROCESSES	C	3
18JU1A0313	R1642033	AUTOMOBILE ENGINEERING	D	3
18JU1A0313	R1642035	SEMINAR	S	2
18JU1A0313	R1642036	PROJECT	O	10
18JU1A0313	R164203B	NON DESTRUCTIVE EVALUATION	B	3
18JU1A0314	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON	C	3
18JU1A0314	R1642032	UNCONVENTIONAL MACHINING PROCESSES	B	3
18JU1A0314	R1642033	AUTOMOBILE ENGINEERING	B	3
18JU1A0314	R1642035	SEMINAR	S	2

18JU1A0314	R1642036	PROJECT	O	10
18JU1A0314	R164203B	NON DESTRUCTIVE EVALUATION	A	3
18JU1A0315	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON	A	3
18JU1A0315	R1642032	UNCONVENTIONAL MACHINING PROCESSES	B	3
18JU1A0315	R1642033	AUTOMOBILE ENGINEERING	D	3
18JU1A0315	R1642035	SEMINAR	S	2
18JU1A0315	R1642036	PROJECT	O	10
18JU1A0315	R164203B	NON DESTRUCTIVE EVALUATION	S	3
18JU1A0316	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON	B	3
18JU1A0316	R1642032	UNCONVENTIONAL MACHINING PROCESSES	C	3
18JU1A0316	R1642033	AUTOMOBILE ENGINEERING	C	3
18JU1A0316	R1642035	SEMINAR	S	2
18JU1A0316	R1642036	PROJECT	O	10
18JU1A0316	R164203B	NON DESTRUCTIVE EVALUATION	D	3
18JU1A0317	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON	C	3
18JU1A0317	R1642032	UNCONVENTIONAL MACHINING PROCESSES	B	3
18JU1A0317	R1642033	AUTOMOBILE ENGINEERING	F	0
18JU1A0317	R1642035	SEMINAR	S	2
18JU1A0317	R1642036	PROJECT	O	10
18JU1A0317	R164203B	NON DESTRUCTIVE EVALUATION	C	3
18JU1A0318	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON	A	3
18JU1A0318	R1642032	UNCONVENTIONAL MACHINING PROCESSES	B	3
18JU1A0318	R1642033	AUTOMOBILE ENGINEERING	B	3
18JU1A0318	R1642035	SEMINAR	O	2
18JU1A0318	R1642036	PROJECT	O	10
18JU1A0318	R164203B	NON DESTRUCTIVE EVALUATION	C	3
18JU1A0401	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0401	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A0401	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0401	R1642045	SEMINAR	S	2
18JU1A0401	R1642046	PROJECT	O	10
18JU1A0401	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	C	3
18JU1A0403	R1642041	CELLULAR MOBILE COMMUNICATIONS	D	3
18JU1A0403	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0403	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0403	R1642045	SEMINAR	S	2
18JU1A0403	R1642046	PROJECT	O	10
18JU1A0403	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
18JU1A0404	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0404	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0404	R1642043	SATELLITE COMMUNICATIONS	D	3
18JU1A0404	R1642045	SEMINAR	O	2
18JU1A0404	R1642046	PROJECT	O	10
18JU1A0404	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	D	3
18JU1A0405	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0405	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A0405	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0405	R1642045	SEMINAR	O	2
18JU1A0405	R1642046	PROJECT	O	10
18JU1A0405	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	F	0
18JU1A0406	R1642041	CELLULAR MOBILE COMMUNICATIONS	A	3



18JU1A0406	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A0406	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0406	R1642045	SEMINAR	O	2
18JU1A0406	R1642046	PROJECT	O	10
18JU1A0406	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
18JU1A0407	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0407	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0407	R1642043	SATELLITE COMMUNICATIONS	A	3
18JU1A0407	R1642045	SEMINAR	S	2
18JU1A0407	R1642046	PROJECT	O	10
18JU1A0407	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0409	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0409	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	B	3
18JU1A0409	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0409	R1642045	SEMINAR	O	2
18JU1A0409	R1642046	PROJECT	O	10
18JU1A0409	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	C	3
18JU1A0410	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0410	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0410	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0410	R1642045	SEMINAR	O	2
18JU1A0410	R1642046	PROJECT	O	10
18JU1A0410	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	C	3
18JU1A0412	R1642041	CELLULAR MOBILE COMMUNICATIONS	A	3
18JU1A0412	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0412	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0412	R1642045	SEMINAR	O	2
18JU1A0412	R1642046	PROJECT	O	10
18JU1A0412	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0413	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0413	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	B	3
18JU1A0413	R1642043	SATELLITE COMMUNICATIONS	S	3
18JU1A0413	R1642045	SEMINAR	O	2
18JU1A0413	R1642046	PROJECT	O	10
18JU1A0413	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
18JU1A0414	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0414	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	B	3
18JU1A0414	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0414	R1642045	SEMINAR	O	2
18JU1A0414	R1642046	PROJECT	O	10
18JU1A0414	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0415	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0415	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0415	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0415	R1642045	SEMINAR	O	2
18JU1A0415	R1642046	PROJECT	O	10
18JU1A0415	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0416	R1642041	CELLULAR MOBILE COMMUNICATIONS	A	3
18JU1A0416	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0416	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0416	R1642045	SEMINAR	S	2

18JU1A0416	R1642046	PROJECT	O	10
18JU1A0416	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
18JU1A0418	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0418	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0418	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0418	R1642045	SEMINAR	S	2
18JU1A0418	R1642046	PROJECT	O	10
18JU1A0418	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0419	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0419	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A0419	R1642043	SATELLITE COMMUNICATIONS	D	3
18JU1A0419	R1642045	SEMINAR	S	2
18JU1A0419	R1642046	PROJECT	O	10
18JU1A0419	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	D	3
18JU1A0420	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0420	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	A	3
18JU1A0420	R1642043	SATELLITE COMMUNICATIONS	A	3
18JU1A0420	R1642045	SEMINAR	O	2
18JU1A0420	R1642046	PROJECT	O	10
18JU1A0420	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
18JU1A0421	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0421	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0421	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0421	R1642045	SEMINAR	S	2
18JU1A0421	R1642046	PROJECT	O	10
18JU1A0421	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0422	R1642041	CELLULAR MOBILE COMMUNICATIONS	A	3
18JU1A0422	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	A	3
18JU1A0422	R1642043	SATELLITE COMMUNICATIONS	O	3
18JU1A0422	R1642045	SEMINAR	O	2
18JU1A0422	R1642046	PROJECT	O	10
18JU1A0422	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
18JU1A0423	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0423	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	B	3
18JU1A0423	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0423	R1642045	SEMINAR	S	2
18JU1A0423	R1642046	PROJECT	O	10
18JU1A0423	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0424	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0424	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	B	3
18JU1A0424	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0424	R1642045	SEMINAR	O	2
18JU1A0424	R1642046	PROJECT	O	10
18JU1A0424	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0425	R1642041	CELLULAR MOBILE COMMUNICATIONS	A	3
18JU1A0425	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	B	3
18JU1A0425	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0425	R1642045	SEMINAR	O	2
18JU1A0425	R1642046	PROJECT	O	10
18JU1A0425	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0426	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3

18JU1A0426	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	A	3
18JU1A0426	R1642043	SATELLITE COMMUNICATIONS	S	3
18JU1A0426	R1642045	SEMINAR	O	2
18JU1A0426	R1642046	PROJECT	O	10
18JU1A0426	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
18JU1A0427	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0427	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0427	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0427	R1642045	SEMINAR	O	2
18JU1A0427	R1642046	PROJECT	O	10
18JU1A0427	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
18JU1A0428	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0428	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0428	R1642043	SATELLITE COMMUNICATIONS	A	3
18JU1A0428	R1642045	SEMINAR	S	2
18JU1A0428	R1642046	PROJECT	O	10
18JU1A0428	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	C	3
18JU1A0429	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0429	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A0429	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0429	R1642045	SEMINAR	O	2
18JU1A0429	R1642046	PROJECT	O	10
18JU1A0429	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0430	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0430	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	B	3
18JU1A0430	R1642043	SATELLITE COMMUNICATIONS	O	3
18JU1A0430	R1642045	SEMINAR	S	2
18JU1A0430	R1642046	PROJECT	O	10
18JU1A0430	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
18JU1A0431	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0431	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0431	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0431	R1642045	SEMINAR	S	2
18JU1A0431	R1642046	PROJECT	O	10
18JU1A0431	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0432	R1642041	CELLULAR MOBILE COMMUNICATIONS	F	0
18JU1A0432	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	F	0
18JU1A0432	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0432	R1642045	SEMINAR	S	2
18JU1A0432	R1642046	PROJECT	O	10
18JU1A0432	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	F	0
18JU1A0433	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0433	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A0433	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0433	R1642045	SEMINAR	S	2
18JU1A0433	R1642046	PROJECT	O	10
18JU1A0433	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0434	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0434	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	B	3
18JU1A0434	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0434	R1642045	SEMINAR	S	2

18JU1A0434	R1642046	PROJECT	O	10
18JU1A0434	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0435	R1642041	CELLULAR MOBILE COMMUNICATIONS	D	3
18JU1A0435	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	F	0
18JU1A0435	R1642043	SATELLITE COMMUNICATIONS	D	3
18JU1A0435	R1642045	SEMINAR	S	2
18JU1A0435	R1642046	PROJECT	O	10
18JU1A0435	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	F	0
18JU1A0436	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0436	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0436	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0436	R1642045	SEMINAR	S	2
18JU1A0436	R1642046	PROJECT	O	10
18JU1A0436	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
18JU1A0437	R1642041	CELLULAR MOBILE COMMUNICATIONS	A	3
18JU1A0437	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0437	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0437	R1642045	SEMINAR	O	2
18JU1A0437	R1642046	PROJECT	O	10
18JU1A0437	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
18JU1A0438	R1642041	CELLULAR MOBILE COMMUNICATIONS	D	3
18JU1A0438	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A0438	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0438	R1642045	SEMINAR	S	2
18JU1A0438	R1642046	PROJECT	O	10
18JU1A0438	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0439	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0439	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A0439	R1642043	SATELLITE COMMUNICATIONS	D	3
18JU1A0439	R1642045	SEMINAR	S	2
18JU1A0439	R1642046	PROJECT	O	10
18JU1A0439	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	D	3
18JU1A0440	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0440	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0440	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0440	R1642045	SEMINAR	O	2
18JU1A0440	R1642046	PROJECT	O	10
18JU1A0440	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	C	3
18JU1A0441	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0441	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0441	R1642043	SATELLITE COMMUNICATIONS	D	3
18JU1A0441	R1642045	SEMINAR	S	2
18JU1A0441	R1642046	PROJECT	O	10
18JU1A0441	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0442	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0442	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	B	3
18JU1A0442	R1642043	SATELLITE COMMUNICATIONS	S	3
18JU1A0442	R1642045	SEMINAR	S	2
18JU1A0442	R1642046	PROJECT	O	10
18JU1A0442	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	S	3
18JU1A0443	R1642041	CELLULAR MOBILE COMMUNICATIONS	A	3



18JU1A0443	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	B	3
18JU1A0443	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0443	R1642045	SEMINAR	O	2
18JU1A0443	R1642046	PROJECT	O	10
18JU1A0443	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0446	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0446	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	B	3
18JU1A0446	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0446	R1642045	SEMINAR	O	2
18JU1A0446	R1642046	PROJECT	O	10
18JU1A0446	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
18JU1A0448	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0448	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A0448	R1642043	SATELLITE COMMUNICATIONS	D	3
18JU1A0448	R1642045	SEMINAR	S	2
18JU1A0448	R1642046	PROJECT	O	10
18JU1A0448	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0449	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0449	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	B	3
18JU1A0449	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0449	R1642045	SEMINAR	S	2
18JU1A0449	R1642046	PROJECT	O	10
18JU1A0449	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
18JU1A0450	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0450	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0450	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0450	R1642045	SEMINAR	S	2
18JU1A0450	R1642046	PROJECT	O	10
18JU1A0450	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	C	3
18JU1A0451	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0451	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0451	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0451	R1642045	SEMINAR	O	2
18JU1A0451	R1642046	PROJECT	O	10
18JU1A0451	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	C	3
18JU1A0452	R1642041	CELLULAR MOBILE COMMUNICATIONS	A	3
18JU1A0452	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A0452	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0452	R1642045	SEMINAR	S	2
18JU1A0452	R1642046	PROJECT	O	10
18JU1A0452	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
18JU1A0453	R1642041	CELLULAR MOBILE COMMUNICATIONS	D	3
18JU1A0453	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A0453	R1642043	SATELLITE COMMUNICATIONS	D	3
18JU1A0453	R1642045	SEMINAR	S	2
18JU1A0453	R1642046	PROJECT	O	10
18JU1A0453	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0454	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0454	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0454	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0454	R1642045	SEMINAR	S	2

18JU1A0454	R1642046	PROJECT	O	10
18JU1A0454	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0455	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0455	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	B	3
18JU1A0455	R1642043	SATELLITE COMMUNICATIONS	A	3
18JU1A0455	R1642045	SEMINAR	S	2
18JU1A0455	R1642046	PROJECT	O	10
18JU1A0455	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0456	R1642041	CELLULAR MOBILE COMMUNICATIONS	A	3
18JU1A0456	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0456	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0456	R1642045	SEMINAR	O	2
18JU1A0456	R1642046	PROJECT	O	10
18JU1A0456	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
18JU1A0457	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0457	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	B	3
18JU1A0457	R1642043	SATELLITE COMMUNICATIONS	S	3
18JU1A0457	R1642045	SEMINAR	O	2
18JU1A0457	R1642046	PROJECT	O	10
18JU1A0457	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	S	3
18JU1A0460	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0460	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0460	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0460	R1642045	SEMINAR	O	2
18JU1A0460	R1642046	PROJECT	O	10
18JU1A0460	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0461	R1642041	CELLULAR MOBILE COMMUNICATIONS	D	3
18JU1A0461	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A0461	R1642043	SATELLITE COMMUNICATIONS	D	3
18JU1A0461	R1642045	SEMINAR	S	2
18JU1A0461	R1642046	PROJECT	O	10
18JU1A0461	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	C	3
18JU1A0462	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0462	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	B	3
18JU1A0462	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0462	R1642045	SEMINAR	S	2
18JU1A0462	R1642046	PROJECT	O	10
18JU1A0462	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0463	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0463	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0463	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0463	R1642045	SEMINAR	S	2
18JU1A0463	R1642046	PROJECT	O	10
18JU1A0463	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
18JU1A0464	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0464	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	B	3
18JU1A0464	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0464	R1642045	SEMINAR	O	2
18JU1A0464	R1642046	PROJECT	O	10
18JU1A0464	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0465	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3

18JU1A0465	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A0465	R1642043	SATELLITE COMMUNICATIONS	D	3
18JU1A0465	R1642045	SEMINAR	S	2
18JU1A0465	R1642046	PROJECT	O	10
18JU1A0465	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	C	3
18JU1A0466	R1642041	CELLULAR MOBILE COMMUNICATIONS	F	0
18JU1A0466	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	F	0
18JU1A0466	R1642043	SATELLITE COMMUNICATIONS	F	0
18JU1A0466	R1642045	SEMINAR	S	2
18JU1A0466	R1642046	PROJECT	O	10
18JU1A0466	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	C	3
18JU1A0467	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0467	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0467	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0467	R1642045	SEMINAR	S	2
18JU1A0467	R1642046	PROJECT	O	10
18JU1A0467	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
18JU1A0468	R1642041	CELLULAR MOBILE COMMUNICATIONS	D	3
18JU1A0468	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A0468	R1642043	SATELLITE COMMUNICATIONS	D	3
18JU1A0468	R1642045	SEMINAR	O	2
18JU1A0468	R1642046	PROJECT	O	10
18JU1A0468	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	C	3
18JU1A0469	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0469	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0469	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0469	R1642045	SEMINAR	S	2
18JU1A0469	R1642046	PROJECT	O	10
18JU1A0469	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0470	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0470	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A0470	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0470	R1642045	SEMINAR	S	2
18JU1A0470	R1642046	PROJECT	O	10
18JU1A0470	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
18JU1A0471	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0471	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A0471	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0471	R1642045	SEMINAR	S	2
18JU1A0471	R1642046	PROJECT	O	10
18JU1A0471	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0472	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0472	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A0472	R1642043	SATELLITE COMMUNICATIONS	D	3
18JU1A0472	R1642045	SEMINAR	O	2
18JU1A0472	R1642046	PROJECT	O	10
18JU1A0472	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	C	3
18JU1A0473	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0473	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	B	3
18JU1A0473	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0473	R1642045	SEMINAR	O	2

18JU1A0473	R1642046	PROJECT	O	10
18JU1A0473	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0474	R1642041	CELLULAR MOBILE COMMUNICATIONS	A	3
18JU1A0474	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0474	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0474	R1642045	SEMINAR	S	2
18JU1A0474	R1642046	PROJECT	O	10
18JU1A0474	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0475	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0475	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0475	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0475	R1642045	SEMINAR	S	2
18JU1A0475	R1642046	PROJECT	O	10
18JU1A0475	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
18JU1A0476	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0476	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0476	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0476	R1642045	SEMINAR	S	2
18JU1A0476	R1642046	PROJECT	O	10
18JU1A0476	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	C	3
18JU1A0477	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0477	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A0477	R1642043	SATELLITE COMMUNICATIONS	D	3
18JU1A0477	R1642045	SEMINAR	S	2
18JU1A0477	R1642046	PROJECT	O	10
18JU1A0477	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	ABSENT	0
18JU1A0478	R1642041	CELLULAR MOBILE COMMUNICATIONS	A	3
18JU1A0478	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0478	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0478	R1642045	SEMINAR	O	2
18JU1A0478	R1642046	PROJECT	O	10
18JU1A0478	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	S	3
18JU1A0479	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0479	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0479	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0479	R1642045	SEMINAR	S	2
18JU1A0479	R1642046	PROJECT	O	10
18JU1A0479	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0480	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0480	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0480	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0480	R1642045	SEMINAR	O	2
18JU1A0480	R1642046	PROJECT	O	10
18JU1A0480	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0481	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0481	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A0481	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0481	R1642045	SEMINAR	S	2
18JU1A0481	R1642046	PROJECT	O	10
18JU1A0481	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	D	3
18JU1A0482	R1642041	CELLULAR MOBILE COMMUNICATIONS	A	3



18JU1A0482	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A0482	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0482	R1642045	SEMINAR	S	2
18JU1A0482	R1642046	PROJECT	O	10
18JU1A0482	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0484	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0484	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	B	3
18JU1A0484	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0484	R1642045	SEMINAR	O	2
18JU1A0484	R1642046	PROJECT	O	10
18JU1A0484	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	S	3
18JU1A0485	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0485	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	A	3
18JU1A0485	R1642043	SATELLITE COMMUNICATIONS	A	3
18JU1A0485	R1642045	SEMINAR	O	2
18JU1A0485	R1642046	PROJECT	O	10
18JU1A0485	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
18JU1A0486	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0486	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A0486	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0486	R1642045	SEMINAR	O	2
18JU1A0486	R1642046	PROJECT	O	10
18JU1A0486	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	C	3
18JU1A0487	R1642041	CELLULAR MOBILE COMMUNICATIONS	S	3
18JU1A0487	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0487	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0487	R1642045	SEMINAR	O	2
18JU1A0487	R1642046	PROJECT	O	10
18JU1A0487	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
18JU1A0488	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0488	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0488	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0488	R1642045	SEMINAR	O	2
18JU1A0488	R1642046	PROJECT	O	10
18JU1A0488	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
18JU1A0489	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0489	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0489	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0489	R1642045	SEMINAR	S	2
18JU1A0489	R1642046	PROJECT	O	10
18JU1A0489	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0490	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0490	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0490	R1642043	SATELLITE COMMUNICATIONS	A	3
18JU1A0490	R1642045	SEMINAR	O	2
18JU1A0490	R1642046	PROJECT	O	10
18JU1A0490	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	C	3
18JU1A0491	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0491	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0491	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0491	R1642045	SEMINAR	S	2

18JU1A0491	R1642046	PROJECT	O	10
18JU1A0491	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
18JU1A0492	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0492	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0492	R1642043	SATELLITE COMMUNICATIONS	A	3
18JU1A0492	R1642045	SEMINAR	S	2
18JU1A0492	R1642046	PROJECT	O	10
18JU1A0492	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
18JU1A0493	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0493	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	B	3
18JU1A0493	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0493	R1642045	SEMINAR	O	2
18JU1A0493	R1642046	PROJECT	O	10
18JU1A0493	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0494	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0494	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	B	3
18JU1A0494	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0494	R1642045	SEMINAR	O	2
18JU1A0494	R1642046	PROJECT	O	10
18JU1A0494	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0495	R1642041	CELLULAR MOBILE COMMUNICATIONS	D	3
18JU1A0495	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0495	R1642043	SATELLITE COMMUNICATIONS	D	3
18JU1A0495	R1642045	SEMINAR	O	2
18JU1A0495	R1642046	PROJECT	O	10
18JU1A0495	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	D	3
18JU1A0496	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A0496	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0496	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0496	R1642045	SEMINAR	O	2
18JU1A0496	R1642046	PROJECT	O	10
18JU1A0496	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0497	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0497	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0497	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0497	R1642045	SEMINAR	S	2
18JU1A0497	R1642046	PROJECT	O	10
18JU1A0497	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0498	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0498	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A0498	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A0498	R1642045	SEMINAR	S	2
18JU1A0498	R1642046	PROJECT	O	10
18JU1A0498	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	F	0
18JU1A0499	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A0499	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	F	0
18JU1A0499	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A0499	R1642045	SEMINAR	S	2
18JU1A0499	R1642046	PROJECT	O	10
18JU1A0499	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A04A0	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3

18JU1A04A0	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A04A0	R1642043	SATELLITE COMMUNICATIONS	A	3
18JU1A04A0	R1642045	SEMINAR	S	2
18JU1A04A0	R1642046	PROJECT	O	10
18JU1A04A0	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A04A1	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A04A1	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A04A1	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A04A1	R1642045	SEMINAR	O	2
18JU1A04A1	R1642046	PROJECT	O	10
18JU1A04A1	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	C	3
18JU1A04A2	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A04A2	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A04A2	R1642043	SATELLITE COMMUNICATIONS	S	3
18JU1A04A2	R1642045	SEMINAR	O	2
18JU1A04A2	R1642046	PROJECT	O	10
18JU1A04A2	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	C	3
18JU1A04A3	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A04A3	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A04A3	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A04A3	R1642045	SEMINAR	O	2
18JU1A04A3	R1642046	PROJECT	O	10
18JU1A04A3	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
18JU1A04A4	R1642041	CELLULAR MOBILE COMMUNICATIONS	D	3
18JU1A04A4	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A04A4	R1642043	SATELLITE COMMUNICATIONS	A	3
18JU1A04A4	R1642045	SEMINAR	O	2
18JU1A04A4	R1642046	PROJECT	O	10
18JU1A04A4	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
18JU1A04A5	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A04A5	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A04A5	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A04A5	R1642045	SEMINAR	O	2
18JU1A04A5	R1642046	PROJECT	O	10
18JU1A04A5	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	C	3
18JU1A04A7	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A04A7	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A04A7	R1642043	SATELLITE COMMUNICATIONS	A	3
18JU1A04A7	R1642045	SEMINAR	O	2
18JU1A04A7	R1642046	PROJECT	O	10
18JU1A04A7	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A04A8	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A04A8	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A04A8	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A04A8	R1642045	SEMINAR	S	2
18JU1A04A8	R1642046	PROJECT	O	10
18JU1A04A8	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A04A9	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A04A9	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A04A9	R1642043	SATELLITE COMMUNICATIONS	S	3
18JU1A04A9	R1642045	SEMINAR	O	2

18JU1A04A9	R1642046	PROJECT	O	10
18JU1A04A9	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
18JU1A04B0	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A04B0	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	B	3
18JU1A04B0	R1642043	SATELLITE COMMUNICATIONS	B	3
18JU1A04B0	R1642045	SEMINAR	S	2
18JU1A04B0	R1642046	PROJECT	O	10
18JU1A04B0	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A04B1	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
18JU1A04B1	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	B	3
18JU1A04B1	R1642043	SATELLITE COMMUNICATIONS	A	3
18JU1A04B1	R1642045	SEMINAR	O	2
18JU1A04B1	R1642046	PROJECT	O	10
18JU1A04B1	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	C	3
18JU1A04B2	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A04B2	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A04B2	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A04B2	R1642045	SEMINAR	O	2
18JU1A04B2	R1642046	PROJECT	O	10
18JU1A04B2	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A04B3	R1642041	CELLULAR MOBILE COMMUNICATIONS	D	3
18JU1A04B3	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
18JU1A04B3	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A04B3	R1642045	SEMINAR	S	2
18JU1A04B3	R1642046	PROJECT	O	10
18JU1A04B3	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A04B4	R1642041	CELLULAR MOBILE COMMUNICATIONS	D	3
18JU1A04B4	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	F	0
18JU1A04B4	R1642043	SATELLITE COMMUNICATIONS	D	3
18JU1A04B4	R1642045	SEMINAR	S	2
18JU1A04B4	R1642046	PROJECT	O	10
18JU1A04B4	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	D	3
18JU1A04B5	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A04B5	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	F	0
18JU1A04B5	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A04B5	R1642045	SEMINAR	S	2
18JU1A04B5	R1642046	PROJECT	O	10
18JU1A04B5	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	F	0
18JU1A04B6	R1642041	CELLULAR MOBILE COMMUNICATIONS	B	3
18JU1A04B6	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
18JU1A04B6	R1642043	SATELLITE COMMUNICATIONS	C	3
18JU1A04B6	R1642045	SEMINAR	S	2
18JU1A04B6	R1642046	PROJECT	O	10
18JU1A04B6	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
18JU1A0501	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0501	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	F	0
18JU1A0501	R1642053	MACHINE LEARNING	B	3
18JU1A0501	R1642055	SEMINAR	S	2
18JU1A0501	R1642056	PROJECT	O	10
18JU1A0501	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A0502	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	D	3



18JU1A0502	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0502	R1642053	MACHINE LEARNING	D	3
18JU1A0502	R1642055	SEMINAR	S	2
18JU1A0502	R1642056	PROJECT	O	10
18JU1A0502	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A0503	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0503	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0503	R1642053	MACHINE LEARNING	C	3
18JU1A0503	R1642055	SEMINAR	O	2
18JU1A0503	R1642056	PROJECT	O	10
18JU1A0503	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0504	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0504	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0504	R1642053	MACHINE LEARNING	D	3
18JU1A0504	R1642055	SEMINAR	S	2
18JU1A0504	R1642056	PROJECT	O	10
18JU1A0504	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0505	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	A	3
18JU1A0505	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	C	3
18JU1A0505	R1642053	MACHINE LEARNING	C	3
18JU1A0505	R1642055	SEMINAR	O	2
18JU1A0505	R1642056	PROJECT	O	10
18JU1A0505	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A0506	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0506	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0506	R1642053	MACHINE LEARNING	B	3
18JU1A0506	R1642055	SEMINAR	O	2
18JU1A0506	R1642056	PROJECT	O	10
18JU1A0506	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0508	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	A	3
18JU1A0508	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0508	R1642053	MACHINE LEARNING	C	3
18JU1A0508	R1642055	SEMINAR	O	2
18JU1A0508	R1642056	PROJECT	O	10
18JU1A0508	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0509	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	D	3
18JU1A0509	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	C	3
18JU1A0509	R1642053	MACHINE LEARNING	D	3
18JU1A0509	R1642055	SEMINAR	S	2
18JU1A0509	R1642056	PROJECT	O	10
18JU1A0509	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0510	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0510	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	D	3
18JU1A0510	R1642053	MACHINE LEARNING	C	3
18JU1A0510	R1642055	SEMINAR	S	2
18JU1A0510	R1642056	PROJECT	O	10
18JU1A0510	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A0511	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0511	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0511	R1642053	MACHINE LEARNING	B	3
18JU1A0511	R1642055	SEMINAR	O	2

18JU1A0511	R1642056	PROJECT	O	10
18JU1A0511	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0512	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	A	3
18JU1A0512	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0512	R1642053	MACHINE LEARNING	D	3
18JU1A0512	R1642055	SEMINAR	S	2
18JU1A0512	R1642056	PROJECT	O	10
18JU1A0512	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0513	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0513	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0513	R1642053	MACHINE LEARNING	D	3
18JU1A0513	R1642055	SEMINAR	S	2
18JU1A0513	R1642056	PROJECT	O	10
18JU1A0513	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A0514	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	D	3
18JU1A0514	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	D	3
18JU1A0514	R1642053	MACHINE LEARNING	D	3
18JU1A0514	R1642055	SEMINAR	S	2
18JU1A0514	R1642056	PROJECT	O	10
18JU1A0514	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	D	3
18JU1A0515	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0515	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0515	R1642053	MACHINE LEARNING	B	3
18JU1A0515	R1642055	SEMINAR	O	2
18JU1A0515	R1642056	PROJECT	O	10
18JU1A0515	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0516	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0516	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	C	3
18JU1A0516	R1642053	MACHINE LEARNING	C	3
18JU1A0516	R1642055	SEMINAR	O	2
18JU1A0516	R1642056	PROJECT	O	10
18JU1A0516	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0517	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0517	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0517	R1642053	MACHINE LEARNING	C	3
18JU1A0517	R1642055	SEMINAR	O	2
18JU1A0517	R1642056	PROJECT	O	10
18JU1A0517	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0519	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0519	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	D	3
18JU1A0519	R1642053	MACHINE LEARNING	C	3
18JU1A0519	R1642055	SEMINAR	S	2
18JU1A0519	R1642056	PROJECT	O	10
18JU1A0519	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A0520	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0520	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0520	R1642053	MACHINE LEARNING	C	3
18JU1A0520	R1642055	SEMINAR	S	2
18JU1A0520	R1642056	PROJECT	O	10
18JU1A0520	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0521	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	A	3

18JU1A0521	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0521	R1642053	MACHINE LEARNING	D	3
18JU1A0521	R1642055	SEMINAR	O	2
18JU1A0521	R1642056	PROJECT	O	10
18JU1A0521	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0522	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0522	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	A	3
18JU1A0522	R1642053	MACHINE LEARNING	F	0
18JU1A0522	R1642055	SEMINAR	O	2
18JU1A0522	R1642056	PROJECT	O	10
18JU1A0522	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0523	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0523	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	D	3
18JU1A0523	R1642053	MACHINE LEARNING	B	3
18JU1A0523	R1642055	SEMINAR	O	2
18JU1A0523	R1642056	PROJECT	O	10
18JU1A0523	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0524	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0524	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0524	R1642053	MACHINE LEARNING	B	3
18JU1A0524	R1642055	SEMINAR	S	2
18JU1A0524	R1642056	PROJECT	O	10
18JU1A0524	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	S	3
18JU1A0525	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0525	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0525	R1642053	MACHINE LEARNING	C	3
18JU1A0525	R1642055	SEMINAR	S	2
18JU1A0525	R1642056	PROJECT	O	10
18JU1A0525	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0526	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0526	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0526	R1642053	MACHINE LEARNING	C	3
18JU1A0526	R1642055	SEMINAR	S	2
18JU1A0526	R1642056	PROJECT	O	10
18JU1A0526	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0527	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0527	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	C	3
18JU1A0527	R1642053	MACHINE LEARNING	C	3
18JU1A0527	R1642055	SEMINAR	S	2
18JU1A0527	R1642056	PROJECT	O	10
18JU1A0527	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0528	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0528	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0528	R1642053	MACHINE LEARNING	B	3
18JU1A0528	R1642055	SEMINAR	O	2
18JU1A0528	R1642056	PROJECT	O	10
18JU1A0528	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0529	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0529	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	C	3
18JU1A0529	R1642053	MACHINE LEARNING	F	0
18JU1A0529	R1642055	SEMINAR	O	2

18JU1A0529	R1642056	PROJECT	O	10
18JU1A0529	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A0530	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0530	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	A	3
18JU1A0530	R1642053	MACHINE LEARNING	D	3
18JU1A0530	R1642055	SEMINAR	O	2
18JU1A0530	R1642056	PROJECT	O	10
18JU1A0530	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0531	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0531	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	A	3
18JU1A0531	R1642053	MACHINE LEARNING	C	3
18JU1A0531	R1642055	SEMINAR	O	2
18JU1A0531	R1642056	PROJECT	O	10
18JU1A0531	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0532	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0532	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0532	R1642053	MACHINE LEARNING	C	3
18JU1A0532	R1642055	SEMINAR	O	2
18JU1A0532	R1642056	PROJECT	O	10
18JU1A0532	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0533	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0533	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	A	3
18JU1A0533	R1642053	MACHINE LEARNING	D	3
18JU1A0533	R1642055	SEMINAR	O	2
18JU1A0533	R1642056	PROJECT	O	10
18JU1A0533	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	S	3
18JU1A0534	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0534	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0534	R1642053	MACHINE LEARNING	F	0
18JU1A0534	R1642055	SEMINAR	O	2
18JU1A0534	R1642056	PROJECT	O	10
18JU1A0534	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0536	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0536	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	D	3
18JU1A0536	R1642053	MACHINE LEARNING	C	3
18JU1A0536	R1642055	SEMINAR	S	2
18JU1A0536	R1642056	PROJECT	O	10
18JU1A0536	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0537	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0537	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	C	3
18JU1A0537	R1642053	MACHINE LEARNING	B	3
18JU1A0537	R1642055	SEMINAR	O	2
18JU1A0537	R1642056	PROJECT	O	10
18JU1A0537	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0538	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	A	3
18JU1A0538	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0538	R1642053	MACHINE LEARNING	C	3
18JU1A0538	R1642055	SEMINAR	O	2
18JU1A0538	R1642056	PROJECT	O	10
18JU1A0538	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	S	3
18JU1A0539	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3



18JU1A0539	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0539	R1642053	MACHINE LEARNING	F	0
18JU1A0539	R1642055	SEMINAR	O	2
18JU1A0539	R1642056	PROJECT	O	10
18JU1A0539	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0540	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0540	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	D	3
18JU1A0540	R1642053	MACHINE LEARNING	C	3
18JU1A0540	R1642055	SEMINAR	O	2
18JU1A0540	R1642056	PROJECT	O	10
18JU1A0540	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0541	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0541	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0541	R1642053	MACHINE LEARNING	C	3
18JU1A0541	R1642055	SEMINAR	O	2
18JU1A0541	R1642056	PROJECT	O	10
18JU1A0541	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0542	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0542	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	A	3
18JU1A0542	R1642053	MACHINE LEARNING	C	3
18JU1A0542	R1642055	SEMINAR	O	2
18JU1A0542	R1642056	PROJECT	O	10
18JU1A0542	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0543	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0543	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	A	3
18JU1A0543	R1642053	MACHINE LEARNING	C	3
18JU1A0543	R1642055	SEMINAR	O	2
18JU1A0543	R1642056	PROJECT	O	10
18JU1A0543	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	S	3
18JU1A0544	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	A	3
18JU1A0544	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	C	3
18JU1A0544	R1642053	MACHINE LEARNING	B	3
18JU1A0544	R1642055	SEMINAR	O	2
18JU1A0544	R1642056	PROJECT	O	10
18JU1A0544	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0545	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0545	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0545	R1642053	MACHINE LEARNING	C	3
18JU1A0545	R1642055	SEMINAR	S	2
18JU1A0545	R1642056	PROJECT	O	10
18JU1A0545	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0546	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0546	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0546	R1642053	MACHINE LEARNING	F	0
18JU1A0546	R1642055	SEMINAR	O	2
18JU1A0546	R1642056	PROJECT	O	10
18JU1A0546	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0547	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0547	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	A	3
18JU1A0547	R1642053	MACHINE LEARNING	B	3
18JU1A0547	R1642055	SEMINAR	O	2

18JU1A0547	R1642056	PROJECT	O	10
18JU1A0547	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	S	3
18JU1A0548	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0548	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	C	3
18JU1A0548	R1642053	MACHINE LEARNING	C	3
18JU1A0548	R1642055	SEMINAR	S	2
18JU1A0548	R1642056	PROJECT	O	10
18JU1A0548	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A0549	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0549	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0549	R1642053	MACHINE LEARNING	B	3
18JU1A0549	R1642055	SEMINAR	O	2
18JU1A0549	R1642056	PROJECT	O	10
18JU1A0549	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0550	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0550	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0550	R1642053	MACHINE LEARNING	F	0
18JU1A0550	R1642055	SEMINAR	O	2
18JU1A0550	R1642056	PROJECT	O	10
18JU1A0550	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0551	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0551	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0551	R1642053	MACHINE LEARNING	C	3
18JU1A0551	R1642055	SEMINAR	O	2
18JU1A0551	R1642056	PROJECT	O	10
18JU1A0551	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0552	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0552	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	D	3
18JU1A0552	R1642053	MACHINE LEARNING	C	3
18JU1A0552	R1642055	SEMINAR	S	2
18JU1A0552	R1642056	PROJECT	O	10
18JU1A0552	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A0554	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	D	3
18JU1A0554	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0554	R1642053	MACHINE LEARNING	C	3
18JU1A0554	R1642055	SEMINAR	O	2
18JU1A0554	R1642056	PROJECT	O	10
18JU1A0554	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A0555	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0555	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0555	R1642053	MACHINE LEARNING	F	0
18JU1A0555	R1642055	SEMINAR	O	2
18JU1A0555	R1642056	PROJECT	O	10
18JU1A0555	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0556	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0556	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	S	3
18JU1A0556	R1642053	MACHINE LEARNING	B	3
18JU1A0556	R1642055	SEMINAR	O	2
18JU1A0556	R1642056	PROJECT	O	10
18JU1A0556	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0557	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	A	3

18JU1A0557	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	C	3
18JU1A0557	R1642053	MACHINE LEARNING	C	3
18JU1A0557	R1642055	SEMINAR	O	2
18JU1A0557	R1642056	PROJECT	O	10
18JU1A0557	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0558	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0558	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	A	3
18JU1A0558	R1642053	MACHINE LEARNING	B	3
18JU1A0558	R1642055	SEMINAR	O	2
18JU1A0558	R1642056	PROJECT	O	10
18JU1A0558	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0559	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0559	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0559	R1642053	MACHINE LEARNING	D	3
18JU1A0559	R1642055	SEMINAR	O	2
18JU1A0559	R1642056	PROJECT	O	10
18JU1A0559	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0560	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0560	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	A	3
18JU1A0560	R1642053	MACHINE LEARNING	B	3
18JU1A0560	R1642055	SEMINAR	O	2
18JU1A0560	R1642056	PROJECT	O	10
18JU1A0560	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	S	3
18JU1A0561	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0561	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	F	0
18JU1A0561	R1642053	MACHINE LEARNING	D	3
18JU1A0561	R1642055	SEMINAR	O	2
18JU1A0561	R1642056	PROJECT	O	10
18JU1A0561	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A0562	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0562	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0562	R1642053	MACHINE LEARNING	B	3
18JU1A0562	R1642055	SEMINAR	O	2
18JU1A0562	R1642056	PROJECT	O	10
18JU1A0562	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0563	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0563	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	C	3
18JU1A0563	R1642053	MACHINE LEARNING	D	3
18JU1A0563	R1642055	SEMINAR	O	2
18JU1A0563	R1642056	PROJECT	O	10
18JU1A0563	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0564	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0564	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	A	3
18JU1A0564	R1642053	MACHINE LEARNING	B	3
18JU1A0564	R1642055	SEMINAR	O	2
18JU1A0564	R1642056	PROJECT	O	10
18JU1A0564	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0565	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0565	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	D	3
18JU1A0565	R1642053	MACHINE LEARNING	C	3
18JU1A0565	R1642055	SEMINAR	O	2

18JU1A0565	R1642056	PROJECT	O	10
18JU1A0565	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A0566	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	F	0
18JU1A0566	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0566	R1642053	MACHINE LEARNING	C	3
18JU1A0566	R1642055	SEMINAR	O	2
18JU1A0566	R1642056	PROJECT	O	10
18JU1A0566	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0567	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0567	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	C	3
18JU1A0567	R1642053	MACHINE LEARNING	C	3
18JU1A0567	R1642055	SEMINAR	S	2
18JU1A0567	R1642056	PROJECT	O	10
18JU1A0567	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A0568	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0568	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	A	3
18JU1A0568	R1642053	MACHINE LEARNING	B	3
18JU1A0568	R1642055	SEMINAR	O	2
18JU1A0568	R1642056	PROJECT	O	10
18JU1A0568	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0569	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0569	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	C	3
18JU1A0569	R1642053	MACHINE LEARNING	B	3
18JU1A0569	R1642055	SEMINAR	O	2
18JU1A0569	R1642056	PROJECT	O	10
18JU1A0569	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0570	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	D	3
18JU1A0570	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0570	R1642053	MACHINE LEARNING	C	3
18JU1A0570	R1642055	SEMINAR	S	2
18JU1A0570	R1642056	PROJECT	O	10
18JU1A0570	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0571	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0571	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0571	R1642053	MACHINE LEARNING	C	3
18JU1A0571	R1642055	SEMINAR	O	2
18JU1A0571	R1642056	PROJECT	O	10
18JU1A0571	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0572	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0572	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	A	3
18JU1A0572	R1642053	MACHINE LEARNING	C	3
18JU1A0572	R1642055	SEMINAR	O	2
18JU1A0572	R1642056	PROJECT	O	10
18JU1A0572	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0573	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0573	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	D	3
18JU1A0573	R1642053	MACHINE LEARNING	C	3
18JU1A0573	R1642055	SEMINAR	S	2
18JU1A0573	R1642056	PROJECT	O	10
18JU1A0573	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A0574	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3



18JU1A0574	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0574	R1642053	MACHINE LEARNING	B	3
18JU1A0574	R1642055	SEMINAR	O	2
18JU1A0574	R1642056	PROJECT	O	10
18JU1A0574	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0576	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	A	3
18JU1A0576	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	A	3
18JU1A0576	R1642053	MACHINE LEARNING	B	3
18JU1A0576	R1642055	SEMINAR	O	2
18JU1A0576	R1642056	PROJECT	O	10
18JU1A0576	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	S	3
18JU1A0577	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0577	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0577	R1642053	MACHINE LEARNING	D	3
18JU1A0577	R1642055	SEMINAR	S	2
18JU1A0577	R1642056	PROJECT	O	10
18JU1A0577	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0578	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0578	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	D	3
18JU1A0578	R1642053	MACHINE LEARNING	C	3
18JU1A0578	R1642055	SEMINAR	O	2
18JU1A0578	R1642056	PROJECT	O	10
18JU1A0578	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0579	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0579	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0579	R1642053	MACHINE LEARNING	B	3
18JU1A0579	R1642055	SEMINAR	O	2
18JU1A0579	R1642056	PROJECT	O	10
18JU1A0579	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A0580	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	A	3
18JU1A0580	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0580	R1642053	MACHINE LEARNING	C	3
18JU1A0580	R1642055	SEMINAR	O	2
18JU1A0580	R1642056	PROJECT	O	10
18JU1A0580	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0581	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0581	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	S	3
18JU1A0581	R1642053	MACHINE LEARNING	C	3
18JU1A0581	R1642055	SEMINAR	O	2
18JU1A0581	R1642056	PROJECT	O	10
18JU1A0581	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0582	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0582	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	D	3
18JU1A0582	R1642053	MACHINE LEARNING	D	3
18JU1A0582	R1642055	SEMINAR	O	2
18JU1A0582	R1642056	PROJECT	O	10
18JU1A0582	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A0583	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0583	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0583	R1642053	MACHINE LEARNING	C	3
18JU1A0583	R1642055	SEMINAR	O	2

18JU1A0583	R1642056	PROJECT	O	10
18JU1A0583	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0584	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	A	3
18JU1A0584	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0584	R1642053	MACHINE LEARNING	D	3
18JU1A0584	R1642055	SEMINAR	O	2
18JU1A0584	R1642056	PROJECT	O	10
18JU1A0584	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0585	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0585	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	S	3
18JU1A0585	R1642053	MACHINE LEARNING	C	3
18JU1A0585	R1642055	SEMINAR	O	2
18JU1A0585	R1642056	PROJECT	O	10
18JU1A0585	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0586	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	S	3
18JU1A0586	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	A	3
18JU1A0586	R1642053	MACHINE LEARNING	B	3
18JU1A0586	R1642055	SEMINAR	O	2
18JU1A0586	R1642056	PROJECT	O	10
18JU1A0586	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0587	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0587	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0587	R1642053	MACHINE LEARNING	C	3
18JU1A0587	R1642055	SEMINAR	S	2
18JU1A0587	R1642056	PROJECT	O	10
18JU1A0587	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A0588	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	A	3
18JU1A0588	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0588	R1642053	MACHINE LEARNING	C	3
18JU1A0588	R1642055	SEMINAR	O	2
18JU1A0588	R1642056	PROJECT	O	10
18JU1A0588	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0589	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0589	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	A	3
18JU1A0589	R1642053	MACHINE LEARNING	D	3
18JU1A0589	R1642055	SEMINAR	O	2
18JU1A0589	R1642056	PROJECT	O	10
18JU1A0589	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A0590	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0590	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	D	3
18JU1A0590	R1642053	MACHINE LEARNING	C	3
18JU1A0590	R1642055	SEMINAR	O	2
18JU1A0590	R1642056	PROJECT	O	10
18JU1A0590	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A0591	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0591	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0591	R1642053	MACHINE LEARNING	C	3
18JU1A0591	R1642055	SEMINAR	O	2
18JU1A0591	R1642056	PROJECT	O	10
18JU1A0591	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0592	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3

18JU1A0592	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	C	3
18JU1A0592	R1642053	MACHINE LEARNING	C	3
18JU1A0592	R1642055	SEMINAR	O	2
18JU1A0592	R1642056	PROJECT	O	10
18JU1A0592	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0593	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0593	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	S	3
18JU1A0593	R1642053	MACHINE LEARNING	A	3
18JU1A0593	R1642055	SEMINAR	O	2
18JU1A0593	R1642056	PROJECT	O	10
18JU1A0593	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0594	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	A	3
18JU1A0594	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	C	3
18JU1A0594	R1642053	MACHINE LEARNING	C	3
18JU1A0594	R1642055	SEMINAR	O	2
18JU1A0594	R1642056	PROJECT	O	10
18JU1A0594	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A0595	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0595	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0595	R1642053	MACHINE LEARNING	C	3
18JU1A0595	R1642055	SEMINAR	O	2
18JU1A0595	R1642056	PROJECT	O	10
18JU1A0595	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A0596	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A0596	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0596	R1642053	MACHINE LEARNING	D	3
18JU1A0596	R1642055	SEMINAR	O	2
18JU1A0596	R1642056	PROJECT	O	10
18JU1A0596	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A0597	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	A	3
18JU1A0597	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	A	3
18JU1A0597	R1642053	MACHINE LEARNING	B	3
18JU1A0597	R1642055	SEMINAR	O	2
18JU1A0597	R1642056	PROJECT	O	10
18JU1A0597	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0598	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	A	3
18JU1A0598	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	D	3
18JU1A0598	R1642053	MACHINE LEARNING	C	3
18JU1A0598	R1642055	SEMINAR	O	2
18JU1A0598	R1642056	PROJECT	O	10
18JU1A0598	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A0599	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A0599	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A0599	R1642053	MACHINE LEARNING	B	3
18JU1A0599	R1642055	SEMINAR	O	2
18JU1A0599	R1642056	PROJECT	O	10
18JU1A0599	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A05A0	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	A	3
18JU1A05A0	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	A	3
18JU1A05A0	R1642053	MACHINE LEARNING	C	3
18JU1A05A0	R1642055	SEMINAR	O	2

18JU1A05A0	R1642056	PROJECT	O	10
18JU1A05A0	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A05A1	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A05A1	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	A	3
18JU1A05A1	R1642053	MACHINE LEARNING	D	3
18JU1A05A1	R1642055	SEMINAR	O	2
18JU1A05A1	R1642056	PROJECT	O	10
18JU1A05A1	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A05A2	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A05A2	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	C	3
18JU1A05A2	R1642053	MACHINE LEARNING	B	3
18JU1A05A2	R1642055	SEMINAR	O	2
18JU1A05A2	R1642056	PROJECT	O	10
18JU1A05A2	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A05A3	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A05A3	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A05A3	R1642053	MACHINE LEARNING	A	3
18JU1A05A3	R1642055	SEMINAR	O	2
18JU1A05A3	R1642056	PROJECT	O	10
18JU1A05A3	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A05A4	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	A	3
18JU1A05A4	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A05A4	R1642053	MACHINE LEARNING	B	3
18JU1A05A4	R1642055	SEMINAR	O	2
18JU1A05A4	R1642056	PROJECT	O	10
18JU1A05A4	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A05A5	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A05A5	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	A	3
18JU1A05A5	R1642053	MACHINE LEARNING	D	3
18JU1A05A5	R1642055	SEMINAR	O	2
18JU1A05A5	R1642056	PROJECT	O	10
18JU1A05A5	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A05A6	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A05A6	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	C	3
18JU1A05A6	R1642053	MACHINE LEARNING	C	3
18JU1A05A6	R1642055	SEMINAR	O	2
18JU1A05A6	R1642056	PROJECT	O	10
18JU1A05A6	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A05A7	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A05A7	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A05A7	R1642053	MACHINE LEARNING	C	3
18JU1A05A7	R1642055	SEMINAR	O	2
18JU1A05A7	R1642056	PROJECT	O	10
18JU1A05A7	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A05A8	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A05A8	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A05A8	R1642053	MACHINE LEARNING	C	3
18JU1A05A8	R1642055	SEMINAR	O	2
18JU1A05A8	R1642056	PROJECT	O	10
18JU1A05A8	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A05A9	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	A	3

18JU1A05A9	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	S	3
18JU1A05A9	R1642053	MACHINE LEARNING	B	3
18JU1A05A9	R1642055	SEMINAR	O	2
18JU1A05A9	R1642056	PROJECT	O	10
18JU1A05A9	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A05B0	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A05B0	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	D	3
18JU1A05B0	R1642053	MACHINE LEARNING	C	3
18JU1A05B0	R1642055	SEMINAR	O	2
18JU1A05B0	R1642056	PROJECT	O	10
18JU1A05B0	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A05B1	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A05B1	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	A	3
18JU1A05B1	R1642053	MACHINE LEARNING	B	3
18JU1A05B1	R1642055	SEMINAR	O	2
18JU1A05B1	R1642056	PROJECT	O	10
18JU1A05B1	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	S	3
18JU1A05B2	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	A	3
18JU1A05B2	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A05B2	R1642053	MACHINE LEARNING	C	3
18JU1A05B2	R1642055	SEMINAR	O	2
18JU1A05B2	R1642056	PROJECT	O	10
18JU1A05B2	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU1A05B3	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A05B3	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	A	3
18JU1A05B3	R1642053	MACHINE LEARNING	D	3
18JU1A05B3	R1642055	SEMINAR	O	2
18JU1A05B3	R1642056	PROJECT	O	10
18JU1A05B3	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A05B4	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A05B4	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	D	3
18JU1A05B4	R1642053	MACHINE LEARNING	C	3
18JU1A05B4	R1642055	SEMINAR	O	2
18JU1A05B4	R1642056	PROJECT	O	10
18JU1A05B4	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A05B5	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A05B5	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A05B5	R1642053	MACHINE LEARNING	C	3
18JU1A05B5	R1642055	SEMINAR	O	2
18JU1A05B5	R1642056	PROJECT	O	10
18JU1A05B5	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A05B6	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A05B6	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A05B6	R1642053	MACHINE LEARNING	C	3
18JU1A05B6	R1642055	SEMINAR	O	2
18JU1A05B6	R1642056	PROJECT	O	10
18JU1A05B6	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A05B7	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A05B7	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	A	3
18JU1A05B7	R1642053	MACHINE LEARNING	C	3
18JU1A05B7	R1642055	SEMINAR	O	2



18JU1A05B7	R1642056	PROJECT	O	10
18JU1A05B7	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	B	3
18JU1A05B8	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
18JU1A05B8	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	D	3
18JU1A05B8	R1642053	MACHINE LEARNING	B	3
18JU1A05B8	R1642055	SEMINAR	S	2
18JU1A05B8	R1642056	PROJECT	O	10
18JU1A05B8	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
18JU1A05B9	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	C	3
18JU1A05B9	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
18JU1A05B9	R1642053	MACHINE LEARNING	C	3
18JU1A05B9	R1642055	SEMINAR	O	2
18JU1A05B9	R1642056	PROJECT	O	10
18JU1A05B9	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	A	3
18JU5A0201	R1642021	DIGITAL CONTROL SYSTEMS	C	3
19JU5A0101	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	O	3
19JU5A0101	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	S	3
19JU5A0101	R1642013	PRESTRESSED CONCRETE	A	3
19JU5A0101	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
19JU5A0101	R1642016	PROJECT	O	10
19JU5A0101	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	A	3
19JU5A0102	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	B	3
19JU5A0102	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	B	3
19JU5A0102	R1642013	PRESTRESSED CONCRETE	C	3
19JU5A0102	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
19JU5A0102	R1642016	PROJECT	O	10
19JU5A0102	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	C	3
19JU5A0104	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	A	3
19JU5A0104	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	C	3
19JU5A0104	R1642013	PRESTRESSED CONCRETE	C	3
19JU5A0104	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
19JU5A0104	R1642016	PROJECT	O	10
19JU5A0104	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	B	3
19JU5A0105	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	B	3
19JU5A0105	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	B	3
19JU5A0105	R1642013	PRESTRESSED CONCRETE	C	3
19JU5A0105	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
19JU5A0105	R1642016	PROJECT	O	10
19JU5A0105	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	C	3
19JU5A0107	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS	S	3
19JU5A0107	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	S	3
19JU5A0107	R1642013	PRESTRESSED CONCRETE	A	3
19JU5A0107	R1642015	SEMINAR ON INTERNSHIP PROJECT	O	2
19JU5A0107	R1642016	PROJECT	O	10
19JU5A0107	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT	C	3
19JU5A0201	R1642021	DIGITAL CONTROL SYSTEMS	D	3
19JU5A0201	R1642022	HVDC TRANSMISSION	C	3
19JU5A0201	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	C	3
19JU5A0201	R1642025	SEMINAR	O	2
19JU5A0201	R1642026	PROJECT	S	10
19JU5A0201	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	B	3

19JU5A0202	R1642021	DIGITAL CONTROL SYSTEMS	A	3
19JU5A0202	R1642022	HVDC TRANSMISSION	A	3
19JU5A0202	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	A	3
19JU5A0202	R1642025	SEMINAR	O	2
19JU5A0202	R1642026	PROJECT	O	10
19JU5A0202	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	A	3
19JU5A0203	R1642021	DIGITAL CONTROL SYSTEMS	C	3
19JU5A0203	R1642022	HVDC TRANSMISSION	C	3
19JU5A0203	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	C	3
19JU5A0203	R1642025	SEMINAR	O	2
19JU5A0203	R1642026	PROJECT	O	10
19JU5A0203	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	F	0
19JU5A0204	R1642021	DIGITAL CONTROL SYSTEMS	F	0
19JU5A0204	R1642022	HVDC TRANSMISSION	B	3
19JU5A0204	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	A	3
19JU5A0204	R1642025	SEMINAR	O	2
19JU5A0204	R1642026	PROJECT	O	10
19JU5A0204	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	A	3
19JU5A0205	R1642021	DIGITAL CONTROL SYSTEMS	D	3
19JU5A0205	R1642022	HVDC TRANSMISSION	C	3
19JU5A0205	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	C	3
19JU5A0205	R1642025	SEMINAR	S	2
19JU5A0205	R1642026	PROJECT	A	10
19JU5A0205	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	C	3
19JU5A0207	R1642021	DIGITAL CONTROL SYSTEMS	B	3
19JU5A0207	R1642022	HVDC TRANSMISSION	A	3
19JU5A0207	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS	C	3
19JU5A0207	R1642025	SEMINAR	O	2
19JU5A0207	R1642026	PROJECT	S	10
19JU5A0207	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSIO	A	3
19JU5A0301	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON	A	3
19JU5A0301	R1642032	UNCONVENTIONAL MACHINING PROCESSES	B	3
19JU5A0301	R1642033	AUTOMOBILE ENGINEERING	B	3
19JU5A0301	R1642035	SEMINAR	O	2
19JU5A0301	R1642036	PROJECT	O	10
19JU5A0301	R164203B	NON DESTRUCTIVE EVALUATION	S	3
19JU5A0302	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON	S	3
19JU5A0302	R1642032	UNCONVENTIONAL MACHINING PROCESSES	A	3
19JU5A0302	R1642033	AUTOMOBILE ENGINEERING	C	3
19JU5A0302	R1642035	SEMINAR	O	2
19JU5A0302	R1642036	PROJECT	O	10
19JU5A0302	R164203B	NON DESTRUCTIVE EVALUATION	A	3
19JU5A0303	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON	B	3
19JU5A0303	R1642032	UNCONVENTIONAL MACHINING PROCESSES	A	3
19JU5A0303	R1642033	AUTOMOBILE ENGINEERING	C	3
19JU5A0303	R1642035	SEMINAR	O	2
19JU5A0303	R1642036	PROJECT	O	10
19JU5A0303	R164203B	NON DESTRUCTIVE EVALUATION	C	3
19JU5A0304	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON	A	3
19JU5A0304	R1642032	UNCONVENTIONAL MACHINING PROCESSES	B	3
19JU5A0304	R1642033	AUTOMOBILE ENGINEERING	A	3

19JU5A0304	R1642035	SEMINAR	O	2
19JU5A0304	R1642036	PROJECT	O	10
19JU5A0304	R164203B	NON DESTRUCTIVE EVALUATION	B	3
19JU5A0305	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON	A	3
19JU5A0305	R1642032	UNCONVENTIONAL MACHINING PROCESSES	B	3
19JU5A0305	R1642033	AUTOMOBILE ENGINEERING	C	3
19JU5A0305	R1642035	SEMINAR	O	2
19JU5A0305	R1642036	PROJECT	O	10
19JU5A0305	R164203B	NON DESTRUCTIVE EVALUATION	A	3
19JU5A0306	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON	C	3
19JU5A0306	R1642032	UNCONVENTIONAL MACHINING PROCESSES	C	3
19JU5A0306	R1642033	AUTOMOBILE ENGINEERING	C	3
19JU5A0306	R1642035	SEMINAR	O	2
19JU5A0306	R1642036	PROJECT	O	10
19JU5A0306	R164203B	NON DESTRUCTIVE EVALUATION	B	3
19JU5A0308	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON	C	3
19JU5A0308	R1642032	UNCONVENTIONAL MACHINING PROCESSES	B	3
19JU5A0308	R1642033	AUTOMOBILE ENGINEERING	D	3
19JU5A0308	R1642035	SEMINAR	O	2
19JU5A0308	R1642036	PROJECT	O	10
19JU5A0308	R164203B	NON DESTRUCTIVE EVALUATION	B	3
19JU5A0309	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON	C	3
19JU5A0309	R1642032	UNCONVENTIONAL MACHINING PROCESSES	C	3
19JU5A0309	R1642033	AUTOMOBILE ENGINEERING	B	3
19JU5A0309	R1642035	SEMINAR	O	2
19JU5A0309	R1642036	PROJECT	O	10
19JU5A0309	R164203B	NON DESTRUCTIVE EVALUATION	D	3
19JU5A0310	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON	A	3
19JU5A0310	R1642032	UNCONVENTIONAL MACHINING PROCESSES	C	3
19JU5A0310	R1642033	AUTOMOBILE ENGINEERING	C	3
19JU5A0310	R1642035	SEMINAR	S	2
19JU5A0310	R1642036	PROJECT	O	10
19JU5A0310	R164203B	NON DESTRUCTIVE EVALUATION	C	3
19JU5A0311	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON	C	3
19JU5A0311	R1642032	UNCONVENTIONAL MACHINING PROCESSES	C	3
19JU5A0311	R1642033	AUTOMOBILE ENGINEERING	C	3
19JU5A0311	R1642035	SEMINAR	S	2
19JU5A0311	R1642036	PROJECT	O	10
19JU5A0311	R164203B	NON DESTRUCTIVE EVALUATION	A	3
19JU5A0401	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
19JU5A0401	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	B	3
19JU5A0401	R1642043	SATELLITE COMMUNICATIONS	C	3
19JU5A0401	R1642045	SEMINAR	O	2
19JU5A0401	R1642046	PROJECT	O	10
19JU5A0401	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	C	3
19JU5A0402	R1642041	CELLULAR MOBILE COMMUNICATIONS	D	3
19JU5A0402	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
19JU5A0402	R1642043	SATELLITE COMMUNICATIONS	C	3
19JU5A0402	R1642045	SEMINAR	S	2
19JU5A0402	R1642046	PROJECT	O	10
19JU5A0402	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	D	3

19JU5A0403	R1642041	CELLULAR MOBILE COMMUNICATIONS	D	3
19JU5A0403	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	F	0
19JU5A0403	R1642043	SATELLITE COMMUNICATIONS	D	3
19JU5A0403	R1642045	SEMINAR	S	2
19JU5A0403	R1642046	PROJECT	O	10
19JU5A0403	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	B	3
19JU5A0404	R1642041	CELLULAR MOBILE COMMUNICATIONS	C	3
19JU5A0404	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	C	3
19JU5A0404	R1642043	SATELLITE COMMUNICATIONS	S	3
19JU5A0404	R1642045	SEMINAR	S	2
19JU5A0404	R1642046	PROJECT	O	10
19JU5A0404	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	A	3
19JU5A0405	R1642041	CELLULAR MOBILE COMMUNICATIONS	ABSENT	0
19JU5A0405	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	ABSENT	0
19JU5A0405	R1642043	SATELLITE COMMUNICATIONS	ABSENT	0
19JU5A0405	R1642045	SEMINAR	O	2
19JU5A0405	R1642046	PROJECT	O	10
19JU5A0405	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	ABSENT	0
19JU5A0406	R1642041	CELLULAR MOBILE COMMUNICATIONS	D	3
19JU5A0406	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTAT	D	3
19JU5A0406	R1642043	SATELLITE COMMUNICATIONS	D	3
19JU5A0406	R1642045	SEMINAR	S	2
19JU5A0406	R1642046	PROJECT	O	10
19JU5A0406	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO	F	0
19JU5A0501	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
19JU5A0501	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	B	3
19JU5A0501	R1642053	MACHINE LEARNING	F	0
19JU5A0501	R1642055	SEMINAR	S	2
19JU5A0501	R1642056	PROJECT	O	10
19JU5A0501	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3
19JU5A0502	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)	B	3
19JU5A0502	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)	A	3
19JU5A0502	R1642053	MACHINE LEARNING	F	0
19JU5A0502	R1642055	SEMINAR	O	2
19JU5A0502	R1642056	PROJECT	O	10
19JU5A0502	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COM	C	3

\*\*Note:1)[Last Date to apply for Recounting/Revaluation/Challenge Revaluation is : 26-07-2022 ]

\*\* Note:\*\*

\* -1 in the filed of externals indicates student is absent for the respective subject.

\* -2 in the filed of externals indicates student result Withheld for the respective subject.

\* -3 in the filed of externals indicates student involved in Malpractice for the respective subject.



Date:18.07.2022

Controller of Examinations







- ▶ ACADEMICS
- ▶ CORRESPONDENCE
- ▶ EXAMINATIONS
- ▶ LIBRARY

Welcome D. NARASIMHA

[Change Password](#)

[Log Out](#)

## EXAMINATIONS

- BACKLOGS
- EXTERNAL »
- CIRCULARS
- LIBRARY BOOKS
- LEAVES HISTORY

## EXTERNAL MARKS REPORT

By Semester  All Semesters  By Subject

Course :

Batch :

Marks Semester :

Branch :

:  All  Passed  Failed

% Sort By :

:  Hostellers

