

6.5.2. Quality assurance initiatives of the institution include:

- 1. Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented**
- 2. Academic and Administrative Audit (AAA) and follow-up action taken**
- 3. Collaborative quality initiatives with other institution(s)**
- 4. Participation in NIRF and other recognized rankings**
- 5. Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.**

**5.6). Supporting document to be provided as per the options selected
- IQAC Annual Reports**

6.5.2 Quality Assurance Initiatives of Institution include :

IQAC Annual Reports

IQAC Annual Report
for the Academic Year
2022-2023



IQAC Annual Report for the Academic year 2022-2023

As a quality enhancement and sustenance measure prescribed by the NAAC, the college established the Internal Quality Assurance Cell (IQAC). Right from the inception, IQAC has been an integral part in developing a system for conscious, consistent and catalytic improvement in the overall performance of the College. IQAC also gives stakeholders including Students, Teachers, Parents, Alumni, funding agencies and Community, a cross-sectional participation in the institution's quality enhancement activities. The academic year 2022-2023 was eventful with new initiatives to promote the quality of academic environment.

The summary of various academic and administrative activities for the academic year 2022-23 as follows:

CRITERION-I: CURRICULAR ASPECTS

- Curriculum relating to **R20, R19 Regulations** was successfully implemented across all UG programmes.
- New programmes "**CSE -Artificial Intelligence for UG & VLSI and Embedded System for PG**", were introduced during the year.
- The institution adhered to the university academic calendar including for the conduct of Continuous Internal Evaluation (CIE)
- **Choice Based Credit System (CBCS)/elective course system** has been implemented in different programmes.
- **22 Add-ON/Certificate Programmes** were offered in various programmes during the academic year.
- Students have participated in various **field trips & internships**.
- Feedback from students, parents, Alumni and stakeholders was obtained and suggestions were taken for overall development of the institution.
- Submitted the AQARs of the academic years 2020-2021 & 2021-2022 to the NAAC portal.


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Criterion II: Teaching-Learning & Evaluation

- Student centric methods, such as **experiential learning, participative learning and problem solving methodologies** have been adopted for enhancing learning experiences.
- Teachers have used **ICT enabled tools** for effective teaching-learning process.
- Student – teacher ratio is maintained as per AICTE norms.
- 1:15 Mentor to student ratio is maintained to proctor the students.
- Transparent Internal assessment mechanism was provided.
- Students were registered for **NPTEL Courses** and obtained certificates.
- MID Question paper were prepared with different levels of difficulty and were mapped with COs of the course. CO-PO mapping was done for different courses.
- **Induction program** was organized for the newly admitted students.

CRITERION III: RESEARCH, INNOVATION & EXTENSION

- Faculty / Students were given On-Duty Permission for attending workshops/conferences / Part time Research works.
- Financial assistance was provided for registration, TA etc., to participating faculty members in different FDPs/workshops/seminars.
- **23 workshops** were organized in various programmes during the year.
- Students and faculty have published papers in notified UGC journals.
- The following programs were organized by the **NSS committee**:
 - 1) Sri.Pingali Venkaiah Jayanthi
 - 2) Azadi ka Amrit Mahotsav Thiranga (Rally)
 - 3) Vutti Programme on the occasion of Krishnashtami
 - 4) PrakasamPanthulu Jayanthi
 - 5) Mother Teresa Birth Anniversary
 - 6) Teacher's day celebrations
 - 7) Mokshagundam Visweswaraiah Jayanthi
 - 8) Ganesh Chathurdhi Celebrations


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- 9) Constitutional day
- 10) Sardhar Vallabai Patel death Anniversary
- 11) Gandhi Jayanthi Celebrations
- 12) National Mathematics Day
- 13) Swami Vivekananda jayanthi
- 14) Dr.A.P.J Abdul Kalam Jayanthi
- 15) National Voters Day
- 16) Access to Justice for all
- 17) Tree Plantation on World Water Day
- 18) Clean India Campaign 2.0
- 19) International Yoga Day
- 20) World Environment day
- 21) World Blood donor day
- 22) Independence day celebrations
- 23) Telugu Language Day Celebrations
- 24) Literature Day
- 25) World Suicide Prevention Day

- The Institution has made two MOUs with **German universities** for faculty exchange, Student exchange and also made other MOUs to provide Internship, project support, On-the- job training, research etc during the year.
- Received awards for extension activities from government/ government recognized bodies during the year.

CRITERION – IV: INFRASTRUCTURE AND LEARNING RESOURCES:

- The Institution has provided adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc. during the year.
- **100 MBPS** Internet facility was provided in the institute.
- Library facilities have been improved in terms on Books/journals both on/off line during the year.
- The Institution has provided adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.


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CRITERION – V: STUDENT SUPPORT AND PROGRESSION

- Various Capacity building and skills enhancement programmes were conducted during the year which includes the following:
 1. Soft skills
 2. Language and communication skills
 3. Life skills (Yoga, physical fitness, health and hygiene)
 4. ICT/computing skills
- Various programmes related to career guidance and competitive examinations were offered during the year. In addition to above counselors were allotted to every 15 students to provide counseling and guidance.
- Student Support services like Financial Aid, Government Scholarships, private sponsors etc. were offered to students during the year.
- Various training programmes related higher studies and placements were organized. The student placement in MNCs has been significantly improved.
- Awards/medals were received by the students for outstanding performance in sports/cultural activities at national/international level.
- Alumni meetings were held to give career guidance to the students. Students represented and engaged in various co-curricular and extracurricular activities.

CRITERION – VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

- **E-** Governance was implemented across various sectors like library, Finance, Administration and examination etc.,
- Several welfare measures were provided to the faculty based on the Performance Appraisal system submitted by the faculty.

- Faculty were given financial support to attend workshops/seminars/FDPs/Publications etc.,
- IQAC meetings were held to initiate quality improvements

CRITERION – VII: INSTITUTION VALUES & BEST PRACTICES

- The institute has organized the following programs for the promotion of gender equity and sensitization during the year:
 - 1) Disha Cyber Awareness program
 - 2) Awareness program on gender sensitization
 - 3) International Women's day celebrations
 - 4) Stress management through Meditation
 - 5) National Girl Child Day
 - 6) Orientation Program on gender equity
- The institute has done quality audits like Green, Energy and Environmental audits etc., during the year.
- Organized various **cultural, regional, linguistic, communal socioeconomic** activities during the year.
- The institute has adopted several best practices for quality improvement of students.



IQAC CO-ORDINATOR



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IQAC Annual Report
for the Academic Year
2021-2022



IQAC Annual Report for the Academic year 2021-2022

As a quality enhancement and sustenance measure prescribed by the NAAC, the college established the Internal Quality Assurance Cell (IQAC). Right from the inception, IQAC has been an integral part in developing a system for conscious, consistent and catalytic improvement in the overall performance of the College. It helps the institution in planning and monitoring. IQAC also gives stakeholders including Students, Teachers, Parents, Alumni, funding agencies and Community, a cross-sectional participation in the institution's quality enhancement activities. The academic year 2021-2022 was eventful with new initiatives to promote the quality of academic environment.

The summary of various academic and administrative activities for the academic year 2021-22 as follows:

CRITERION-I: CURRICULAR ASPECTS

- **R20, R19 Regulation** and Curriculum implemented for all UG programmes.
- New programme **“Artificial Intelligence & Machine Learning (AI&ML)”** introduced during the year.
- The institution adhered to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)
- **Choice Based Credit System (CBCS)/elective course system** has been implemented in different programmes.
- **42 Add-ON/Certificate Programmes** offered in various programmes during the academic year.
- Students have participated in various **field trips & internships**.
- Feedback from students, parents, Alumni and stakeholders is obtained and suggestions were taken for overall development of the institution.
- Prepared the AQAR for the academic year 2021-2022 as per the templates of NAAC.



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Criterion II: Teaching-Learning & Evaluation

- Student centric methods, such as **experiential learning, participative learning and problem solving methodologies** have been adopted for enhancing learning experiences.
- Teachers have used **ICT enabled tools** for effective teaching-learning process.
- Student – teacher ratio is maintained as per AICTE norms.
- 1:15 Mentor to student ratio is maintained to proctor the students.
- Transparent Internal assessment mechanism is provided.
- Students have registered for **NPTEL Courses** and obtained certificates.
- Increased access to latest knowledge through the library and on-line subscribed books and journals.
- MID Question paper is prepared with different levels of difficulty and is mapped with COs of the course. CO-PO mapping is done for different courses.
- **Induction program** is organized in the first week of the reopening of the College to introduce the students about various facilities available in the college, optional and elective papers for their choice and availability of various forums and clubs for their extracurricular activities is also undertaken.

CRITERION III: RESEARCH, INNOVATION & EXTENSION

- Faculty / Students are given On-Duty Permission for attending workshops/conferences / Part time Research works.
- Financial assistance is provided for registration, TA etc., to participating faculty members in different FDPs/workshops/seminars.
- **35 workshops** organized in various programmes during the year.
- Students and faculty have published papers in notified UGC journals.
- The following programs were organized by the **NSS committee**:
 - 1) Teacher's day celebrations
 - 2) Mokshagundam Visweswaraiah Jayanthi


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- 3) Constitutional day
 - 4) Vaccination drive
 - 5) Sardhar Vallabai Patel death Anniversary
 - 6) National Mathematics Day
 - 7) Swami Vivekananda jayanthi
 - 8) National Voters Day
 - 9) Access to Justice for all
 - 10) One Week NSS Camp at Devarajugattu Village
 - 11) Tree Plantation on World Water Day
 - 12) Awareness Program on Blood levels & paper Crafting
 - 13) Swatch Barath Camp
 - 14) Blood Donation Camp
 - 15) Awareness Program on Intellectual Property Rights (IPR)
 - 16) Awareness Program on Alcohol Prohibition
 - 17) International Yoga Day
 - 18) Independence day celebrations
 - 19) Telugu Basha Dinostavam
- The Institution has made several collaborations/linkages for faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year.
 - Received awards for extension activities from government/ government recognized bodies during the year.

CRITERION – IV: INFRASTRUCTURE AND LEARNING RESOURCES:

- The Institution has provided adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc. during the year.
- **100 MBPS** Internet facility is provided in the institute.
- Library facilities have been improved in terms on Books/journals both off line and online during the year.
- The Institution has provided adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.


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CRITERION – V: STUDENT SUPPORT AND PROGRESSION

- Various Capacity building and skills enhancement programmes were conducted during the year which includes the following:
 1. Soft skills
 2. Language and communication skills
 3. Life skills (Yoga, physical fitness, health and hygiene)
 4. ICT/computing skills
- Various programmes like guidance for competitive examinations and career counseling were offered by the institution during the year. In addition to above counselors were allotted in the institution for counseling and guidance.
- Student Support services like Financial Aid, Government Scholarships, private sponsors etc. were offered to students during the year.
- Various training programmes for placements were organized. The student placements in MNCs are significantly improved.
- Awards/medals are received by the students for outstanding performance in sports/cultural activities at national/international level.
- Alumni meeting were held to give guidance to the students. Students represented and engaged various co-curricular and extracurricular activities.

CRITERION – VII: INSTITUTION VALUES & BEST PRACTICES

The institute has organized the following programs for the promotion of gender equity during the year:

- 1) Disha Cyber Awareness program
- 2) Awareness program on gender sensitization
- 3) International Women's day celebrations
- 4) Stress management through Meditation
- 5) National Girl Child Day
- 6) Orientation Program on gender equity


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- The institute has done quality audits like Green, Energy and Environmental audits etc., during the year.
- The institute has adopted several best practices for quality improvement of students.



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IQAC Annual Report
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2020-2021



IQAC Annual Report for the Academic year 2020-2021

As a quality enhancement and sustenance measure prescribed by the NAAC, the college established the Internal Quality Assurance Cell (IQAC). Right from the inception, IQAC has been an integral part in developing a system for conscious, consistent and catalytic improvement in the overall performance of the College. It helps the institution in planning and monitoring. IQAC also gives stakeholders including Students, Teachers, Parents, Alumni, funding agencies and Community, a cross-sectional participation in the institution's quality enhancement activities. The academic year 2020-2021 was eventful with new initiatives to promote the quality of academic environment.

The summary of various academic and administrative activities for the academic year 2020-21 as follows:

CRITERION-I: CURRICULAR ASPECTS

- **R16, R19 and R20 Regulation** and Curriculum implemented for all UG programmes.
- The institution adhered to the university academic calendar including for the conduct of Continuous Internal Evaluation (CIE).
- Online classes were successfully taken through various platforms like ZOOM, Microsoft Teams etc.,
- Offline classes were successfully organized by following COVID guidelines.
- **Choice Based Credit System (CBCS)/elective course system** has been implemented in different programmes.
- **37 Add-ON/Certificate Programmes** were offered in various programmes during the academic year.
- Students have participated in various **project works, field trips & internships**.
- Feedback obtained from students, parents, Alumni and stakeholders is analyzed and suggestions were taken for overall development of the institution.
- Submitted the AQARs of 2016-2017 to 2019-2020.


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- Prepared the AQAR for the academic year 2020-2021 as per the formats of NAAC.

Criterion II: Teaching-Learning & Evaluation

- Student – teacher ratio is maintained as per AICTE norms.
- Increased access to latest knowledge through the library and on-line subscribed books and journals.
- Student centric methods, such as **experiential learning, participative learning and problem solving methodologies** have been adopted for enhancing learning experiences.
- Teachers have used **ICT enabled tools** for effective teaching-learning process.
- 1:15 Mentor to student ratio is maintained to proctor the students.
- Transparent Internal assessment mechanism is provided.
- MID Question paper is prepared with different levels of difficulty and is mapped with COs of the course. CO-PO mapping is done for different courses.
- Students were given awareness on CO's, PO's, PEO's and PSO's through departmental notice boards, display boards.
- **Induction program** is organized for the fresher's to introduce the students about various facilities available in the college, optional and elective papers for their choice and availability of various forums and clubs for their extracurricular activities.

CRITERION III: RESEARCH, INNOVATION & EXTENSION


- Faculty/Students were given Permission for attending workshops/conferences/Part time Research works.
- Financial assistance is provided for registration, TA etc., to the participating faculty members in different FDPs/workshops/seminars.
- **25 workshops** organized in various programmes during the year.
- Students and faculty have published papers in notified UGC journals.


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- The following programs were organized by the **NSS committee**:
 - 1) Independence Day Celebrations
 - 2) Birth Anniversary of Sri Prakasam Panthulu garu
 - 3) Teachers day celebrations
 - 4) Engineers day celebrations on the Birth Anniversary of Mokshagundam Visweswaraiah
 - 5) Gandhi Jayanthi
 - 6) World Students day
 - 7) Rashtriya Ekta Divas
 - 8) National Cancer Awareness day
 - 9) Birth Anniversary of Jawaharlal Nehru Ji
 - 10) Birth Anniversary of Jyothirao Govindrao Phule
 - 11) Distribution of rice bags to poor people
 - 12) Sardarvallabai Patel and Potti Sriramulu Birth Anniversary
 - 13) National Mathematics day celebrations
 - 14) Birth Anniversary of Swami Vivekananda
 - 15) Awareness program on Road safety
 - 16) Republic day celebrations
 - 17) National Science day
 - 18) World water day
 - 19) World mother language day
- The Institution has made several collaborations/linkages for faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year.
- Received awards for extension activities from government/ government recognized bodies during the year.

CRITERION – IV: INFRASTRUCTURE AND LEARNING RESOURCES:

- The Institution has provided adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc. during the year.
- **100 MBPS** Internet facility is provided in the institute.
- Library facilities have been improved in terms on Books/iournals both off line and online during the year.


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- The Institution has provided adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.
- The institution has subscription for the following e-resources
 - e-journals
 - e-books
 - Databases
 - Remote access toe-resources
 - NPTEL videos/materials

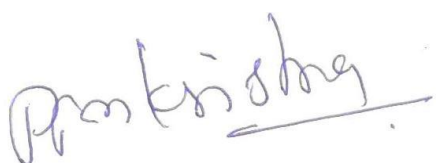
CRITERION – V: STUDENT SUPPORT AND PROGRESSION

- Various Capacity building and skills enhancement programmes were conducted during the year which includes the following:
 1. Soft skills
 2. Language and communication skills
 3. Life skills (Yoga, physical fitness, health and hygiene)
 4. ICT/computing skills
- Various programmes related guidance for competitive examinations and career counseling were offered during the year. In addition to above counselors were allotted in the institution for counseling and guidance.
- Student Support services like Financial Aid, Government Scholarships, private sponsors etc. were offered to students during the year.
- Various training programmes for placements were organized. The student placements in MNCs are significantly improved.
- Awards/medals are received by the students for outstanding performance in sports/cultural activities at national/international level.
- Alumni meeting were held to give career guidance for the students. Students represented and engaged various co-curricular and extracurricular activities.
- The Institution constituted various committees to regularly monitor and redressal the student grievances including sexual harassment and ragging cases.


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CRITERION – VII: INSTITUTION VALUES & BEST PRACTICES

- The institute has organized the following programs for the promotion of gender equity during the year:
 - 1) Awareness program on Women in the Society and Challenges ahead
 - 2) A Legal Awareness Program On Road Safety & Traffic Rules
 - 3) Awareness Program on Anti-Ragging
 - 4) National Girl Child Day
 - 5) Orientation Program on Gender Equality
 - 6) Awareness Program On -Violence Against Women
 - 7) Awareness Program On Disha App
- The Institution has different alternate sources of energy and energy conservation measures such as
 1. Solar energy
 2. Biogas plant
 3. Wheeling to the Grid
 4. Sensor-based energy conservation
 5. Use of LED bulbs/ power efficient equipment
- The institute has done quality audits like Green, Energy and Environmental audits etc., during the year.
- The institute has adopted several best practices for quality improvement of students.



IQAC CO-ORDINATOR



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IQAC Annual Report
for the Academic Year
2019-2020



IQAC Annual Report for the Academic year 2019-2020

IQAC has been initiating and guiding in the following areas for the continuous improvement in the academic and non academic processes. By doing so it helps the institution in achieving its goals and to develop excellence in a systematic approach.

1. Academic Calendar:

The Academic Calendar is prepared in-tune with the university academic calendar planning all the events semester-wise to be conducted. The departments have conducted various programs like workshops, seminars, training programs, NSS activities in accordance with institutional academic calendar.

2. Mentoring:

At the beginning of each semester the students are divided into batches of fifteen to twenty. Mentors have been allotted to guide and mentor them as a continuous observation.

3. Active Learning Methods:

To make teaching learning effective, ICT teaching aids such as PPT, Videos, Animations, NPTEL videos, live practical examples from various sources etc., have been employed for effective teaching.

4. Project exposure through mini & main projects:

To develop creative and innovative ideas the students are encouraged to have hands on experience through Mini & Main projects as a part of curriculum. The students have done various projects as a part of curriculum which improved their problem solving methodologies by experiential learning.

5. Admission Team:

Admission team every year organizes awareness and exposure programs to Intermediate students of surrounding junior colleges by conducting orientation programs like personality development, avoiding stage fear, exam phobia, leadership skills etc., with various personality development trainers. The students are also given the Branch selection and importance in this program. After joining the institution 3-week induction program is conducted to acquaint the newly joined students to the engineering programs. They are exposed to over all development through Yoga, Team


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building activities, expert talks ,Alumni interaction ,Industry Requirements, Human Values and Ethics etc., The admissions are significantly improved for this academic year to 350.

6. Financial Assistance:

The institution provided financial assistance by providing concession in terms of university tuition fee, bus fee, hostel fee, and other relevant fees to encourage meritorious students who are unable to pay the fee due to unfavourable financial conditions.

7. Alumni:

Alumni form a very strong base in the growth of the institution. We have a track of the alumni since the inception. Through the alumni association the students will be given career guidance on latest technologies, job exposure & opportunities, higher studies like M.Tech or M.S programs etc.,

8. Difficult subjects:

Difficult subjects are identified based on the previous results, concept/problematic topics. The remedial classes have been conducted to overcome the difficulty of understanding of these subjects, extra hours are allocated for these subjects to clarify the doubts.

9. Academic results:

The end examination results are analyzed subject wise to know the students performance. If the result of any student is found below average, the student is counselled through the respective mentor to identify the problem areas and care will be taken to improve his/her performance.

10. Training programs:

Campus Recruitment Training (CRT) is offered to students to make them job-ready. Here training is given to improve their hard as well as soft skills. Technical training is also provided to bridge the gap between academics and Industry. The students have undergone various training programs like Soft Skills, Life skills, CRT

trainings. The placements of the students significantly improved to 81 and students selected in MNCs are also significantly improved.

11. Technical workshops/ Seminars:

The Technical workshops & seminars are organized in various departments to simplify the theoretical concepts and also gave exposure on practical usage of subjects.

The departments have conducted various workshops such as:

- i) A three day workshop on digital image processing with MATLAB
- ii) A Three day national level workshop on VLSI Full custom IC design using EDA Tools
- iii) One day workshop on applications of nondestructive testing
- iv) Workshop on design and modeling of power systems using simulink.
- v) MSME Entrepreneurship awareness programme.
- vi) 3 day workshop on Advanced Android programming etc.,
- vii) One Week Faculty Development on Low Power CMOS Circuit Design and Testing
- viii) Three day training program on Handling of CTM &UTM Equipments/Instruments
- ix) Six day training programme on Office Automation using Microsoft Office
- x) Six day training programme on Tally ERP 9
- xi) An Awareness Program on Government Funded Research Schemes
- xii) Three Day FDP on Data Science With Python
- xiii) One Week Faculty Development Programme on ML & Optimization Techniques
- xiv) Two day Workshop on Quantitative Research Methodology

12. HR Policies:

A wide range of HR policies have been implemented to improve the retention of faculty in the institution. The faculty based on their experiences categorized into Assistant professor, Associate professor, and Professor. A faculty in each of these three categories is designated into the following hierarchical levels-junior scale, regular, and senior scale. All faculty depending on their years of teaching experience, PhD status, and service provided to the institution as designated to a specific role accordingly. The institute provides free mid-day meals and free transport facility to all faculty members including both teaching & non-teaching.

13. Cultural Activities Committee:

For the overall development of the students in co-curricular and extra-curricular activities, the Students Welfare Department works in full swing. Student's council is formed to involve the student in the teaching-learning process as well as sports and

cultural events. Here the focus is on the students to initiate and organize events to enhance their interpersonal and leadership skills.

14. R&D cell:

To promote multidisciplinary research projects with industry collaborations the R&D cell encourages the faculty and students to promote research and publication of papers in international peer reviewed journals preferably with Scopus index, UGC approved journals and peer reviewed journals with ISSN. The publications of staff in reputed journals are significantly improved.

15. MOU'S:

All the respective departments particularly and the institution in general tie up with the industry through the Memorandum Of Understanding (MOUs). The institution had made several MOUs in this academic year in relation to staff as well as students. Through this various FDPs, Soft skills, workshops, certificate courses etc., have been organized during this year.

16. Certificate and value added courses:

To add more substance to the course workshops are organized to make the concepts clear which enable them to get certificates along with practical knowledge which helps to bridge the gap between the industry and academics.

17. Transport Facilities:

The Transport department is working efficiently to provide a meticulous service to the students and staff. The bus service is provided to all rural areas in and around 65 kms from the college. The college provides free bus facility to faculty members.

18. NSS activities:

The NSS unit has contributed its part and conducted several events during this academic year. The NSS unit has conducted events such as Blood Donation Camps, Free medical camps, swatch school, plantations, National child day, voters day, awareness on human rights etc., during this academic year.

19. Progression to Higher Education:

The number of students joined in M.Tech or M.S. programme has significantly improved to 10 and two of the qualified in GATE examination.

20. The Women welfare cell has taken several initiatives related women safety, welfare, gender equity and sensitization programs.

21. The Institution has also made several improvements in facilities for alternate sources of energy and energy conservation measures like Solar power plant, Bio-gas plant, sensor based energy sources, usage of LED bulbs etc.,



IQAC Coordinator
(Dr. P Prasanna Murali Krishna)



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IQAC Annual Report
for the Academic Year
2018-2019



IQAC Annual Report for the Academic year 2018-2019

IQAC has been initiating and guiding in the following areas for the continuous improvement in the academic and non academic processes. By doing so it helps the institution in achieving its goals and to develop excellence in a systematic approach.

1. Academic Calendar:

The Academic Calendar is prepared in-tune with the university academic calendar planning all the events semester-wise to be conducted. The departments have conducted various programs like workshops, seminars, training programs, NSS activities in accordance with institutional academic calendar.

2. Mentoring:

At the beginning of each semester the students are divided into batches of fifteen to twenty. Mentors have been allotted to guide and mentor them as a continuous observation.

3. Active Learning Methods:

To make teaching learning effective, ICT teaching aids such as PPT, Videos, Animations, NPTEL videos, live practical examples from various sources etc., have been employed for effective teaching.

4. Project exposure through mini & main projects:

To develop creative and innovative ideas the students are encouraged to have hands on experience through Mini & Main projects as a part of curriculum. The students have done various projects as a part of curriculum which improved their problem solving methodologies by experiential learning.

5. Admission Team:

Admission team every year organizes awareness and exposure programs to Intermediate students of surrounding junior colleges by conducting orientation programs like personality development, avoiding stage fear, exam phobia, leadership skills etc., with various personality development trainers. The students are also given the Branch selection and importance in this program. After joining the institution 3-week induction program is conducted to acquaint the newly joined students to the engineering programs. They are exposed to over all development through Yoga, Team


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building activities, expert talks ,Alumni interaction ,Industry Requirements, Human Values and Ethics etc., The admissions are significantly improved for this academic year to 350.

6. Financial Assistance:

The institution provided financial assistance by providing concession in terms of university tuition fee, bus fee, hostel fee, and other relevant fees to encourage meritorious students who are unable to pay the fee due to unfavourable financial conditions.

7. Alumni:

Alumni form a very strong base in the growth of the institution. We have a track of the alumni since the inception. Through the alumni association the students will be given career guidance on latest technologies, job exposure & opportunities, higher studies like M.Tech or M.S programs etc.,

8. Difficult subjects:

Difficult subjects are identified based on the previous results, concept/problematic topics. The remedial classes have been conducted to overcome the difficulty of understanding of these subjects, extra hours are allocated for these subjects to clarify the doubts.

9. Academic results:

The end examination results are analyzed subject wise to know the students performance. If the result of any student is found below average, the student is counselled through the respective mentor to identify the problem areas and care will be taken to improve his/her performance.

10. Training programs:

Campus Recruitment Training (CRT) is offered to students to make them for job-ready. Here training is given to improve their hard as well as soft skills. Technical training is also provided to bridge the gap between academics and Industry. The students have undergone various training programs like Soft Skills, Life skills, CRT

trainings. The placements of the students significantly improved to 81 and students selected in MNCs are also significantly improved.

11. Technical workshops/ Seminars:

The Technical workshops & seminars are organized in various departments to simplify the theoretical concepts and also gave exposure on practical usage of subjects.

The departments have conducted various workshops such as:

- i) Six day Training Program on Electrical and Electronic Components Testing and Servicing
- ii) Office Automation Using Microsoft Office A Six-Day Training Program
- iii) Three day training program on Handling of Sophisticated Equipments Instruments CTM &UTM
- iv) Six day training programme on Tally
- v) A Two day FDP on Introduction to PHP Programming
- vi) A Five-Day Faculty development program On AUTODESK- AUTO CAD

12. HR Policies:

A wide range of HR policies have been implemented to improve the retention of faculty in the institution. The faculty based on their experiences categorized into Assistant professor, Associate professor, and Professor. A faculty in each of these three categories is designated into the following hierarchical levels-junior scale, regular, and senior scale. All faculty depending on their years of teaching experience, PhD status, and service provided to the institution as designated to a specific role accordingly. The institute provides free mid-day meals and free transport facility to all faculty members including both teaching & non-teaching.

13. Cultural Activities Committee:

For the overall development of the students in co-curricular and extra-curricular activities, the Students Welfare Department works in full swing. Student's council is formed to involve the student in the teaching-learning process as well as sports and

cultural events. Here the focus is one the students to initiate and organize events to enhance their interpersonal and leadership skills.

14. R&D cell:

To promote multidisciplinary research projects with industry collaborations the R&D cell encourages the faculty and students to promote research and publication of papers in international peer reviewed journals preferably with Scopus index, UGC approved journals and peer reviewed journals with ISSN. The publications of staff in reputed journals are significantly improved.

15. MOU'S:

All the respective departments particularly and the institution in general tie up with the industry through the Memorandum Of Understanding (MOUs). The institution had made several MOUs in this academic year in related to staff as well students. Through this various FDPs, Soft skills, workshops, certificate courses etc., have been organized during this year.

16. Certificate and value added courses:

To add more substance to the course workshops are organized to make the concepts clear which enable them to get certificates along with practical knowledge which helps to bridge the gap between the industry and academics.

17. Transport Facilities:

The Transport department is working efficiently to provide a meticulous service to the students and staff. The bus service is provided to all rural areas in and around 65 kms from the college. The college provides free bus facility to faculty members.

18. NSS activities:

The NSS unit has contributes its part and conducted several events during this academic year. The NSS unit has conducted events such as Blood Donation Camps, Free medical camps, swatch school, plantations, National child day, voters day, awareness on human rights etc., during this academic year.

19. Progression to Higher Education:

The number of students joined in M.Tech or M.S. programme has significantly improved to 10 and two of the qualified in GATE examination.

20. The Women welfare cell has taken several initiatives related women safety, welfare, gender equity and sensitization programs.

21. The Institution has also made several improvements in facilities for alternate sources of energy and energy conservation measures like Solar power plant, Bio-gas plant, sensor based energy sources, usage of LED bulbs etc.,



IQAC Coordinator
(Dr. P Prasanna Murali Krishna)



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