



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 Visweswaraiyah 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.



IQAC CO-ORDINATOR



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IQAC Action Taken Report for the Academic year 2021-2022

- **R20, R19 Regulation** and Curriculum is successfully implemented for all UG programmes in adherence to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)
- New programme “**Artificial Intelligence & Machine Learning (AI&ML)**” introduced during the year.
- **Choice Based Credit System (CBCS)/elective course system** has been implemented in different programmes.
- **42 Add-ON/Certificate Programmes** were offered in various programmes during the academic year.
- Students have participated in various **projects works/field trips & internships**.
- Feedback is collected from the students, parents, Alumni and stakeholders 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.
 - Students registered for **NPTEL Courses** and completed the courses.
 - Student – teacher ratio is maintained as per AICTE norms.
- **Induction program** is organized for the fresher’s.
- 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.
- **NSS committee** has organized various programmes which were enclosed in IQAC annual report.
- The Institution has made several collaborations/linkages for faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year.


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- **100 MBPS** Internet facility is provided in the institute.
- Various Capacity building and skills enhancement programmes such as Soft Skills, Language & Communication Skills, Life Skills and ICT/Computing were conducted.
- Various programmes related to guidance for competitive examinations and career counseling were organized during the year.
- Various training programmes for placements were organized. The **student placements in MNCs** are significantly improved.
- **Awards/medals** were 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**.
- The institute has organized the several programs for the promotion of **gender equity** during the year.
- 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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Academic & Administrative Audit Report (2021-22)

Program Name: B.Tech

Date: 22/05/2022

S.No	Particulars	Program Coordinator's Input	Grade	IQAC Coordinator's Remark
1	Implementation of University academic calendar	YES	A	Good
2	Preparation of College academic calendar	YES	A	Good
3	Certification Programs	42	A	Good
4	No. of Students undertaking projects	874	A	Good
5	Maintenance of Faculty student ratio in the department	1:20	A	Good
6	No. of Faculty completed Ph.D.	01	B	needs to be improved
7	No. of Faculty enrolled Ph.D.	01	B	needs to be improved
8	Procedure followed in the allotment of subjects to faculty	As per the choice opted by faculty	A	Good
9	Course files maintained by the subject teachers and is updated periodically	YES	A	Good
10	Mentoring system	YES	A	Good
11	Student professional society chapter and association activities	YES	B	needs to be improved
12	Allotment of additional responsibilities to faculty	YES	A	Good
13	ICT techniques adopted in teaching and learning	YES	A	Good
14	Pass percentage of outgoing students	89.76%	A	Good
15	Dissemination of PEOs, Pos, PSOs, Cos	YES	A	Good
16	No. of faculty participated in seminars, conferences, workshops etc.	75	A	Good



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17	Organization of Guest lectures, workshops, seminars etc.	YES	A	Guest lectures needs to be improved
18	Extension activities in the neighborhood community in terms of impact and sensitizing students to social issues and holistic development	YES	A	Good
19	Number of students participating in extension activities	1350	A	Good
20	Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc.	YES	A	Good
21	Bandwidth of Internet	100 Mbps	A	Good
22	Number of students placed	219	A	Good
23	Number of students qualified in competitive examinations	3	B	needs to be improved
24	Number of students admitted in higher studies	4	B	needs to be improved
25	Awards/medals for outstanding performance in sports, yoga/cultural activities at national/international level.	33	A	Good
26	Alumni association/chapters meetings conducted	YES	A	Good
27	Organization of FDPs	YES	A	Good
28	Teachers attending professional development programs	YES	A	Good
29	Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions	YES	A	Good

IQAC COORDINATOR
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