2021-2022

IQAC Annual Report



Internal Quality Assurance Cell

The Internal Quality Assurance Cell (IQAC) is an important facet of the Federal Institute of Science and Technology, and it aids the institute in achieving its goals. Its actions fall into two categories: quality enhancement and quality maintenance. Since 2016, when the Institute was granted NAAC accreditation (with an "A" grade) for the first time, the role played by IQAC has become increasingly important. The Cell brings together the institute's different initiatives to ensure that the institute's many healthy practices are disseminated among all stakeholders.

- Assisting the Institute with decision-making processes relating to the Institute's operations
- Organizing workshops and seminars on quality-related issues and themes to foster a quality culture across the Institute's many departments and operations.

Vision

To develop a framework of quality sustenance and enhancement measures to enable the institution

to achieve the levels of excellence envisaged in its vision and mission

Mission

- To organize and steer the academic and administrative activities of the institution to achieve academic excellence
- To become a driving force for quality by devising intervention strategies to eliminate shortcomings and enhance quality.

Goals

1. To develop a quality system for conscious, consistent and catalytic programmed action to improve

the academic and administrative performance of the institute

2. To promote measures for institutional functioning towards quality enhancement through

the internationalization of quality culture and institutionalization of best practices

Objectives of IQAC

The IQAC in FISAT functions with the following objectives which comply with those envisaged by the National Assessment and Accreditation Council.

- To improve quality, accountability, and transparency by conducting departmental internal and external Academic Audits.
- Develop an organized communication and documentation mechanism to coordinate quality-related operations.
- Creating and maintaining a system for collecting and responding to stakeholder feedback on the Institute's processes and policies.
- Coordinating programs for the enhancement of quality culture in the institution
- Integrating the Institute's efforts to ensure that best practices are adopted and disseminated
- AQAR (Annual Quality Assurance Report) preparation and submission in accordance with NAAC criteria

Functions of IQAC

- Developing documentation and internal communication framework to coordinate quality-related operations.
- Integrating the Institute's operations to ensure the dissemination of best practices
- To promote quality, accountability, and openness by spearheading the conduct of internal and external Academic Audits of departments.
- Establishing and sustaining a system of stakeholder feedback on the Institutes processes and policies.
- Initiating and coordinating Outcome-Based Education.
- Coordinating programmes designed to enhance faculty members career prospects.
- Monitoring of all accreditation and assessment activities.
- Organizing workshops and seminars on quality-related issues and themes to foster a quality culture across the Institutes many departments and operations.
- Establishing and implementing quality benchmarks/parameters for the Institutes different academic and administrative operations
- Assisting in the construction of a learner-centered environment conducive to highquality education and faculty development in terms of knowledge and technology adoption for participatory teaching and learning;
- Development of the Annual Quality Assurance Report (AQAR) of the Institute based on the quality parameters/assessment criteria
- Development and maintenance of institutional database through MIS for the purpose of maintaining/enhancing institutional quality.
- Serving as the college's nodal agency for quality-related initiatives, such as the adoption and dissemination of best practices.
- Documentation of the Institutes' numerous programs/activities, contributing to quality improvement.

• Sustaining the quality measures already in place

The Team

- 1. Dr. Anitha P (Chairman, FISAT, Management Representative)
- 2. Principal, Chairman IQAC
- 4. Dr. C Sheela (Vice Principal)
- 5. Dr. Mini P R (Dean Academics), Coordinator
- 6. Dr Joshua A J (Staff in Charge of ISO, Dean in Charge MBA)
- 7. Dr Surya Susan Alex (Joint Coordinator, Staff in Charge of KTU Audit)
- 8. Dr. Asha Joseph (Joint Coordinator)
- 9. Dr Unni Katha G (Placement Officer)
- 10.Mr Shinto Sebastian (PRO)
- 11. Ms. Jisha Jacob (Manager, Academic Wing)
- 12. Mr. George Joseph (Manager, Accounts)
- 13.Mr. Sino Varghese (Librarian)
- 14 Dr. Parvathy R (KTU Coordinator)
- 15.Dr Prasad J C (Professor CSE)
- 16. Dr. Jose Cherian (First Year Academic Coordinator)
- 17. Mr. Santhosh Kottam (Software Cell & IT Operations)
- 18. Dr. Jiji Antony (HoD, CE)
- 19. Dr. Jyothish K John (HoD, CSE)
- 19. Dr. Sumanlal M R (HoD, ME)
- 20. Dr. Abi P Mathew (HoD, EIE)
- 21. Dr. Anilkumar M N (HoD, ECE)
- 22. Dr. Archana R (HoD, EEE)
- 23. Ms. Deepa Mary Mathews (HoD, MCA)

- 24. Dr. Binimol Punnose (HoD, S&H)
- 25. Dr. Kavitha P E (NAAC Joint Convener)
- 26. Dr Dhanya Alex (NAAC Joint Convener)
- 27. Mr Jitesh V (Manager, Network Administration)
- 28. Dr. Arun S (Physical Education)
- 29. Ms. Reshmi R (CSE)
- 30. Ms Vinitha V (ECE)
- 31. Ms.Rosemin Parackal (EEE)
- 32. Ms. Sreevidya P (EIE)
- 33. Ms. Rinu J Achison (CE)
- 34. Ms. Honeymol P Chako (S&H)
- 35. Mr. Sajan S (ME)
- 36. Ms. Senu Abi (MCA)
- 37. Mr Prasanth P John (MBA)
- 38. Ms. Sreeja E A (EEE)
- 39. Ms. Anu K Kuriakose (ECE)
- 40. Dr. Paul P Mathai (CSE)
- 41. Mr. Ranjith R (ME)
- 42. Ms. Sruthi Bhaskaran (EIE)
- 43. Ms. Rose Mary Mathew (MCA)
- 44. Ms Ananya Rajeev (Student Representative)
- 45. Ms. Lakshmi Nandakumar (Alumni Representative)
- 46. Mr. Paul P (President Mookkannor Gramma Panchayath)
- 47. Mr. N I Thomas (PTA Representative)
- 48. Mr Greg Xavier (Industry Representative)
- 49. Mr. Jaison Joseph (Civil Supervisor)
- 50. Mr Stany E George (Faculty in charge-Electrical Maintenance)
- 51. Mr Rajesh T R (System Administrator)
- 52. Dr ArunKumar M N (College Research Cell)

QUALITY INITIATIVES

ACCREDITATIONS

NAAC ACCREDITATION

FISAT has been accredited by the National Assessment and Accreditation Council (NAAC) in 2016 with an A grade. The Internal Quality Assurance Cell (IQAC) in the College has task with developing a system for conscious, consistent and catalytic improvement in the overall performance of the College. The IQAC submits the Annual Quality Assurance Report (AQAR) to NAAC every year on the quality sustenance initiatives undertaken in the institution. The institution is in the process of submitting the Self-Study Report (SSR) under the Revised Accreditation Framework (RAF) for the second cycle of accreditation. The Institutional Information on Quality Assurance (IIQA) is submitted in May 2022 and the Self Study Report (SSR) is planned to be submitted in July 2022.

1st phase of Orientation workshops on Revised Accreditation Framework was conducted in July 2021 with Dr Sreeram B of NGP Institute of Technology, Coimbatore as the resource person.

1st phase of audits on the Revised Accreditation Workshops was conducted in August 2021 with Dr Sreeram B of NGP Institute of Technology, Coimbatore as the resource person.

2nd phase of Orientation workshops on Revised Accreditation Framework was conducted in September 2021 with Dr Johnson K M as the resource person.

2nd phase of Audits on Revised Accreditation Framework on the qualitative and quantitative metrics was conducted in October 2021 with Dr Johnson K M as the resource person.

3rd phase of the audit on Revised Accreditation Framework on the qualitative and quantitative metrics was conducted in March 2022 with Dr Johnson K M as the resource person.

4th of the audit on Revised Accreditation Framework on the qualitative and quantitative metrics was conducted in May 2022 with Dr Johnson K M as the resource person.

NBA ACCREDITATION

Five B Tech Programs Computer Science and Engineering, Electronics and Instrumentation Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering and Mechanical Engineering are successfully accredited by NBA for a period of 3 years (1/7/2020-30/6/2023). These departments are currently preparing for the next phase of accreditation due in the academic year 2022-2023. The departments of Civil Engineering, Computer Applications and Business Administration are actively preparing for NBA accreditation by adhering to 'Outcome Based Education' (OBE), and following the norms and guidelines specified by the National Board of Accreditation.

ANNUAL QUALITY ASSURANCE REPORT

The Annual Quality Assurance Report (AQAR) for the year 2020-2021 was successfully submitted in December 2021.

AUDITS

ISO AUDIT

Federal Institute of Science and Technology has been an ISO-certified institution since 2005 and is currently following the ISO 9001-2015 standards. ISO 9001:2015 specifies requirements for a quality management system when an organization:

a) needs to demonstrate its ability to consistently provide products and services that meet customer and applicable statutory and regulatory requirements, and

b) aims to enhance customer satisfaction through the effective application of the system, including processes for improvement of the system and the assurance of conformity to customer and applicable statutory and regulatory requirements.

All the requirements of ISO 9001:2015 are generic and are intended to be applicable to any organization, regardless of its type or size, or the products and services it provides.

Federal Institute of Science and Technology (FISAT) is an ISO 9001:2015 certified organization. Its certificate is valid till 18th April 2025. Continuous Auditing is done to ensure the same. The details are as follows

Internal Audit

 15^{th} , 16^{th} and 17^{th} November 2021

External Surveillance Audit in due in the month of November 2022.

KTU Audit

Audits on the academic activities were conducted as scheduled by the affiliating APJ Abdul Kalam Technological University. Internal audits to verify preparedness was conducted prior to the external audits by faculty members appointed by the university

Gender Audit

A gender audit was conducted in December 2021. Mr Santosh Kumar, Dr Asha Achy Joseph and Dr K M Sheeba were the auditors

Green, energy and Environmental Audits

The green, energy and environmental audits were conducted in September 2021.

Activities

New website for FISAT

A new website is being designed for FISAT and is scheduled to be active by the first week of July 2022. A committee has been formed for the design of the new website and periodic meetings are conducted.

INSTITUTION DAY AND FOUNDERS' DAY

The Institution Day, which was originally slated on September 23, 2022, was celebrated on September 27, 2022, along with Founders Day Celebrations, due to an unexpected hartal on 23rd September. Mr. S. Sundararajan, Assistant Professor, Department of Electronics and Instrumentation Engineering received the Best Teacher Award. Mr Mani K K, Workshop Instructor, Department of Mechanical Engineering received the award for the Best Performing Non-Teaching Staff. The invaluable contributions made by the Founder Chairman of the Institution and the first Secretary of the Society, Adv P V Mathew were commemorated in the meeting by the Chief Guest, Dr J Letha, Pro Vice Chancellor, Jain University, and former Vice Chancellor, Cochin University of Science and Technology, and other members of the FBOAES Managing Committee. The Adv P V Mathew Memorial Scholarships were presented to meritorious students from economically disadvantaged backgrounds. The college magazine "EMERALD" commemorating the 20th year of FISAT was also released in the function. The Vishnu Memorial Endowment Award for the Best Outgoing Student of MCA Department was also awarded during the function.

ENDOWMENTS

The following endowments are awarded to students in memory of a beloved member of the FISAT family, from contributions made by their colleagues/batchmates/family.

| S.No | Name of the Endowment | Department | Awarded to | Award | Sponsored by |
|------|--|--------------------------|---|-----------|---|
| 1 | Vishnu Memorial Endowment Award | Computer Applications | Best Outgoing MCA Student | Rs 3000/- | Batchmates of Mr Vishnu |
| 2 | Dr K U Joseph Memorial award | Science & Humanities | Student with outstanding performance in first year B Tech University Examination | Memento | Family of Dr K U Joseph |
| 3 | Shinoy George Memorial Award | Science & Humanities | Top scorer in Mathematics | Memento | Staff members of Science and Humanities Department |

| 4 | Hima Memorial Award | Electronics and Communicati on Engineering | Top scorers in second and third year | Rs 1500/- each | Batchmates of Ms Hima |
|---|------------------------------|--|---|-------------------|-----------------------------|
| 5 | Shaheej Memorial Award | Computer Science and Engineering | The winner of the coding competition conducted during CSE day every year | Rs 4000/- | Batchmates of Mr Shaheej |

ACADEMICS

Result of university examinations (2021-2022 Academic Year)

| Department | Program | Semester | % Result |
|------------------------------|---------|-----------------------|----------|
| | | S1 (2020 admn) | 68.33 |
| | | S1 (2021 admn) | 34.38 |
| | | S2 (2020 admn) | 70 |
| | B Tech | S3 (2019 admn) | 55.86 |
| | втесп | S4 (2019 admn) | 56.36 |
| Civil Engineering | | S5 (2019 admn) | 65.14 |
| | | S7 (2018 admn) | 46.43 |
| | | S8 (2018 admn) | 80.08 |
| | | S2 | 100 |
| | M Tech | S3 | 100 |
| | | S4 | 100 |
| | | S1(2021 admsn) | 79.23 |
| | | S1(2020 admsn) | 83.87 |
| | | S2(2020 admsn) | 76.61 |
| | | S3(2019 admsn) | 93.85 |
| | B Tech | S4(2019 admsn) | 90.7 |
| Computer Science | | S5(2019 admsn) | 74.42 |
| and Engineering | | S6(2018 admsn) | 79.51 |
| | | S7(2018 admsn) | 74.59 |
| | | S8(2018 admsn) | 80.33 |
| | | S1 AI&DS (2021 admsn) | 100 |
| | M Tech | S3 CSIS (2020 admsn) | 100 |
| | | S4 CSIS (2020 admsn) | 100 |
| | | S1(2020 admsn) | 71.68 |
| | | S1(2021 admsn) | 80.8 |
| | | S2(2020 admsn) | 68.14 |
| | | S3(2019 admsn) | 70.34 |
| | B Tech | S4(2019 admsn) | 70.34 |
| Electronics and | | S5(2019 admsn) | 66.95 |
| Communication Engineering | | S6(2018 admsn) | 79.57 |
| Linginieering | | S7(2018 admsn) | 71.74 |
| | | S8(2018 admsn) | 83.7 |
| | | S1 VLSIES | 100 |
| | M Tech | S4 VLSIES | 100 |
| | | S4 COEN | 100 |
| | | S2 (2020 ad)July 2021 | 54.28 |
| Electrical and | | S4 (2019 ad)July 2021 | 47.37 |
| Electronics | B Tech | S6 (2018 ad)July 2021 | 67.4 |
| Engineering | | S7 (2018 ad)Dec 2021 | 71.7 |
| | | S8 (2018 ad)June 2022 | 84.78 |

| | | S2 (2020 ad)July 2021 | 100 |
|-----------------|--------|-----------------------|---------|
| | M Tech | S3 (2020 ad)July 2021 | 100 |
| | | S4 (2020 ad)July 2021 | 100 |
| | | S2 (2020 ad)July 2021 | 65 |
| Electronics and | | S4 (2019 ad)July 2021 | 69 |
| Instrumentation | B Tech | S6 (2018 ad)July 2021 | 43 |
| Engineering | | S7 (2018 ad)Dec 2021 | 43 |
| | | S8 (2018 ad)June 2022 | 80 |
| | | 2018 Admission | 60.1 % |
| | | S6 - 2018 Admission | 65.48 % |
| | | S7 – 2018 Admission | 47.44 % |
| | B Tech | S8 – 2018 Admission | 78.3 % |
| Mechanical | | S3 - 2019 Admission | 69 % |
| Engineering | | S4 – 2019 Admission | 52.5 % |
| 0 0 | | S5 – 2019 Admission | 49.17 % |
| | | S1 - 2020 Admission | 67 % |
| | | S2 - 2020 Admission | 64.77 % |
| | | S1 - 2021 Admission | 36.08 % |
| | | S1-2021 Admission | 92.44% |
| | | S3-2020 Admission | 94.74% |
| Computer | | S2-2020 Admission | 92.98% |
| Applications | MCA | S1-2020 Admission | 91.29% |
| | | S6-2019 Admission | 100% |
| | | 2019 Programme Pass | 78.6% |
| | MBA | S2- 2020 Admission | 92.24% |
| FISAT Business | | S1- 2020 Admission | 92.31% |
| School | MBA | T6- 2019 Admission | 100% |
| | | 2019 pass percentage | 89.38% |

QUALITY INITIATIVES IN ACADEMIC MATTERS

The college's Internal Quality Assurance Cell (IQAC) routinely checks and assesses the institution's adherence to quality standards. The actions done to enhance the institution's academic environment are routinely evaluated, focusing on how well they are enhancing the outcomes, placement, research output, etc. Heads of departments take care of the academic affairs of the department. The departmental associations, cells, and clubs conduct curricular and cocurricular activities for the students. Academic Performance Monitoring Committee headed by Dr C Sheela, Vice Principal, evaluates the students' performance following series exams and proposes corrective measures to assist slow learners.

A variety of high-quality templates have been adopted as the institution gets ready for the peer team visit for the NAAC and NBA accreditations. For FISAT, a new website has been developed. Audits by ISO and KTU are carried out as per schedule. Value added courses are

given to students to enable them to be industry ready. The students are actively mentored through a strong group advisory system.

FISAT ALUMNI ASSOCIATION (FISTAA)

The FISAT Alumni Association (FISATAA) was registered under the Travancore -Cochin Literary, Scientific and Charitable Societies Registration Act on 9.2.2022. Members of the alumni actively support their alma mater as resource persons for webinars, invited talks, placement assistance etc

RESEARCH ACTIVITIES

PHD HOLDERS:

| S.No | Name of Faculty Member | Department | Year of award of PhD |
|------|------------------------|------------|----------------------|
| 1 | Dr Manoj George | Principal | 2017 |
| 2 | Dr C Sheela | S& H | 1994 |
| 3 | Dr Binimol Punnoose | S& H | 2007 |
| 4 | Dr Sona Narayanan | S& H | 2015 |
| 5 | Dr Ayswarya E P | S & H | 2017 |
| 6 | Dr Arun S | S&H | 2021 |
| 7 | Dr Deepa Mary Mathews | MCA | 2021 |
| 8 | Dr Shidha M V | MCA | 2021 |
| 9 | Dr Rakhi Venugopal | MCA | 2019 |
| 10 | Dr Sumanlal M R | ME | 2018 |
| 11 | Dr Jose Cherian | ME | 2015 |
| 12 | Dr Rajeesh C R | ME | 2019 |
| 13 | Dr Midhun Paul | ME | 2018 |
| 14 | Dr Mini P R | ECE | 2018 |
| 15 | Dr Anil Kumar M N | ECE | 2014 |
| 16 | Dr Krishnakumar S | ECE | 2012 |
| 17 | Dr Abi P Mathew | EIE | 2017 |
| 18 | Dr Anish Mathew K | EIE | 2018 |
| 19 | Dr Jiji Antony | CE | 2020 |
| 20 | Dr Unni Kartha G | CE | 2019 |
| 21 | Dr Asha Joseph | CE | 2019 |
| 22 | Dr Kavitha P E | CE | 2017 |
| 23 | Dr Archana R | EEE | 2016 |
| 24 | Dr Parvathy R | EEE | 2019 |
| 25 | Dr Surya Susan Alex | EEE | 2021 |
| 26 | Dr Rabiya Rasheed | EEE | 2021 |
| 27 | Dr Jyothish K John | CSE | 2019 |
| 28 | Dr Prasad J C | CSE | 2013 |
| 29 | Dr Arun Kumar M N | CSE | 2013 |
| 30 | Dr Paul P Mathai | CSE | 2019 |
| 31 | Dr Reshmi R | CSE | 2021 |
| 32 | Dr Joshua A J | FBS | 2010 |
| 33 | Dr Anoo Anna Antony | FBS | 2011 |
| 34 | Dr Dhanya Alex | FBS | 2014 |
| 35 | Dr Jose Varghese | FBS | 2016 |
| 36 | Dr Sindhu George | FBS | 2018 |
| 37 | Dr Santosh Kottam | MCA | 2022 |
| 38 | Dr Sujesh P Lal | MCA | 2021 |
| 39 | Dr Shahana K U | MCA | 2021 |
| 40 | Dr Hema Krishnan | CSE | 2022 |
| 41 | Dr Harish T M | ME | 2022 |

| SI.No | Institution/ | Scheme | Funding | Year of Award | Amount |
|-------|----------------------|-------------|----------------------|---------------|-----------|
| | Department/Faculty | | Agency | with Duration | |
| 1 | CSE / Ms.Hansa/ | Consultancy | M3 Homes, Munnar | 2021 July (6 | 20,000/- |
| | Ms.Chethana | (External) | | months) | |
| 2 | EEE / Ms.Surya | FDP | KTU, Kerala | 22-28 July | 1,92,000/ |
| | Natarajan/ Ms. | | | 2021 | - |
| | Muhamed Noufal C | | | | |
| 3 | ME / Dr.Rejeesh C R | FDP | KTU. Kerala | 21-23 July | 43,000/- |
| | | | | 2021 | |
| 4 | CE / Dr.Asha Joseph/ | FDP | KTU, Kerala | 21 -26 June | 89,250/- |
| | Dr.Unnikartha G | | | 2021 | |
| 5 | CE / Dr.Unnikartha | Consultancy | M/S Associated | 2022 Aug | 1,18,000/ |
| | | (External) | Structural | | - |
| | | | Consultants, Kochi | | |
| 6 | CE / Dr.Unnikartha | Consultancy | Anish Mathew | 2022 Oct | 5000/- |
| | | (External) | Angamaly | | |
| 7 | MCA / Dr.Santhosk | Consultancy | Software Cell, FISAT | 2021 July (I | 10,000/- |
| | Kottam | (Internal) | | Year) | |
| 8 | MCA / Dr.Santhosh | Consultancy | Block Panchayath, | 2021 July (1 | 25,000/- |
| | Kottam | (External) | Koduvally | year 6 monhs) | |

| S.No | Name of Princpal Investigator | Name of Student Investigators | Title of the Project | Amount sanctioned | DEPART MENT |
|------|--|---|---|----------------------|----------------|
| 1 | Harish T M Assistant Professor | Nandu Krishnan A U Nasmal Navas Sreekanth K.A | Development and fabrication of Al 7075 composite reinforced with industrial waste and clay | 45,000 | MECH |
| 2 | Manu Mohan C M Assistant Professor | Joheon C P Joseph Paul Linto Thomas Rajeev K B | Sign language to speech converter using machine design | 16500 | ECE |
| 3 | Sreevidya P Assistant Professor | Gokul Rejitkumar Godson Thomas | Integrated communication system for deaf and mute | 14000 | EIE |
| 4 | S Sundararajan Assistant Professor | Bilal Ibrahim P A Rajeena R Sony Shajan | Fruits adulteration detection system | 7500 | EIE |
| 5 | Panjami K Assistant Professor | Aleena Garvasis Apsara S Baiju | Study on Effeetiveness of Mobile sensors in deteeting sutrsurface cavities- A step | 50000 | CE |

| Gayathri S Kum | ar towards early detection of | |
|----------------|-------------------------------|--|
| Gokul S | cavities at Kerala | |
| | • | |

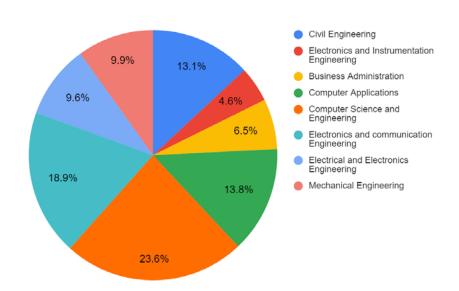
Feedback from Stakeholders

FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT) $^{\circ}$

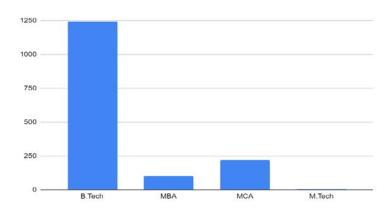
Student Satisfaction Survey

2021 - 2022

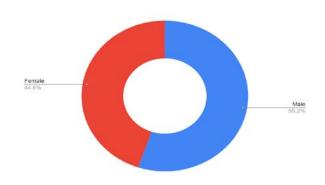
Department



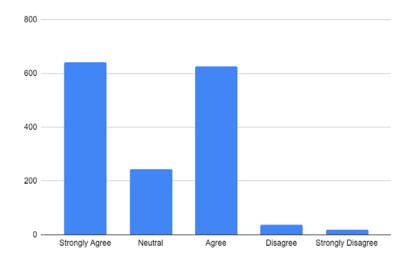
Program for which the student is enrolled



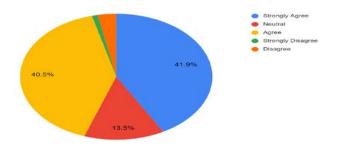
Gender



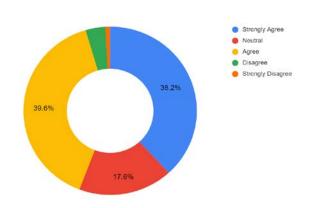
The university curriculum for the program is structured and well designed to promote learning experience.



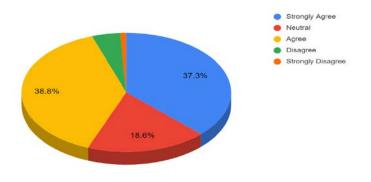
The curriculum recommends relevant reference text books for each course.



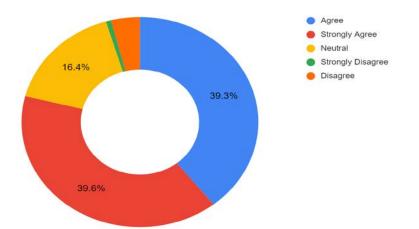
The curriculum is effective in developing analytical and problem-solving skills.



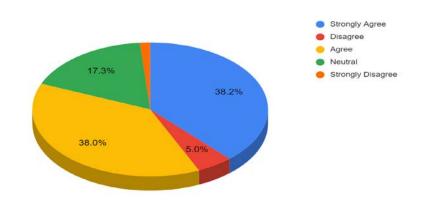
The curriculum is effective in developing ICT & communication skills.



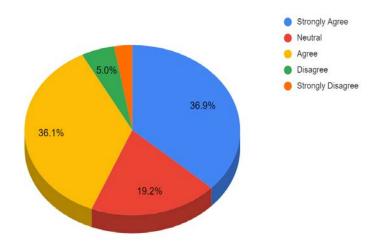
The curriculum is capable of supporting students in their higher studies and research work



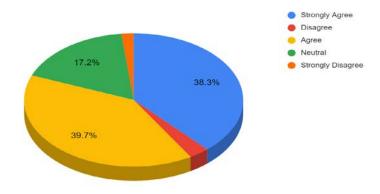
The curriculum has sufficient courses that address innovation and entrepreneurship skills.



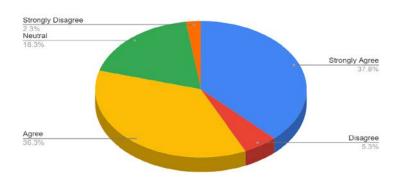
The curriculum encourage students' overall holistic development through co-curricular and extra curricular activities.



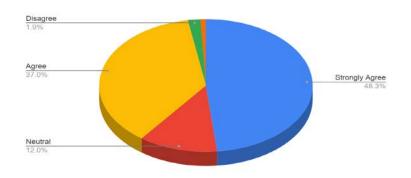
The curriculum provides the essential skills for an ethically driven technical / management professional .



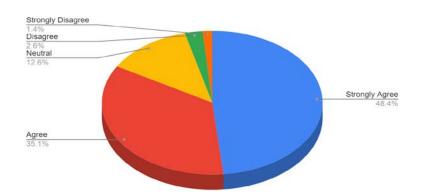
The curriculum is relevant to current industry trends.



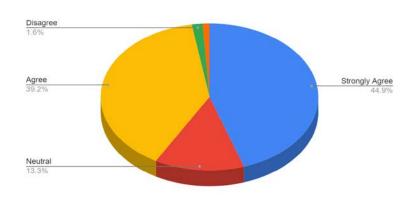
The faculty covers the syllabus prescribed by the university completely in the class.



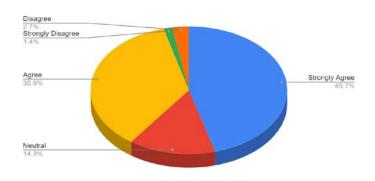
The mentoring and group advisory system are efficient.



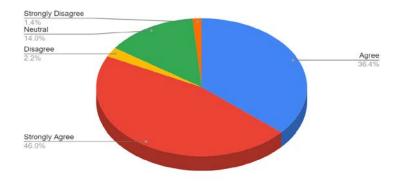
The teacher's level of preparation for each class is excellent.



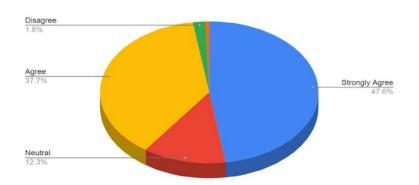
Internal evaluation process is fair and transparent.



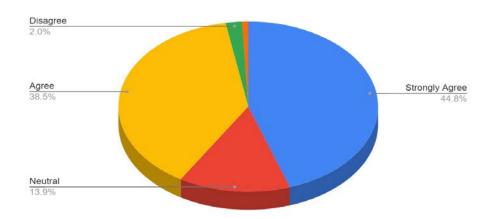
The faculty members are supportive; encourages and motivates to perform better.



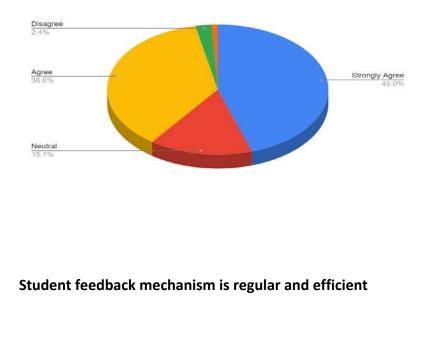
The teachers effectively communicate in the class.

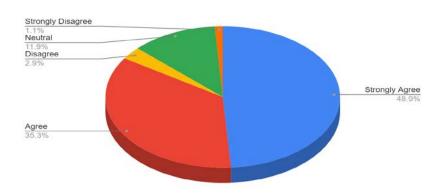


The course outcomes, program outcomes and expected competencies are communicated clearly.

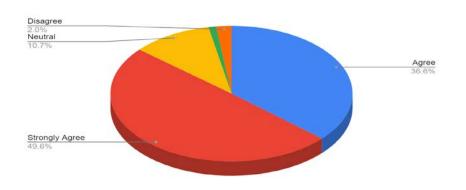


The faculty members provide adequate teaching and learning materials and make use of ICT enabled methods to improve learning experience.

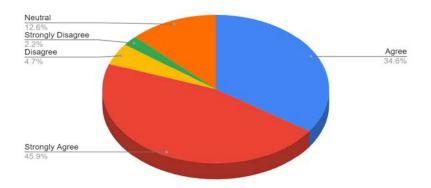




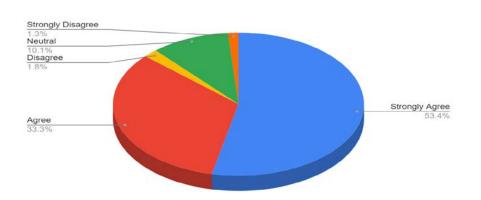
The physical space and facilities in classrooms are adequate.



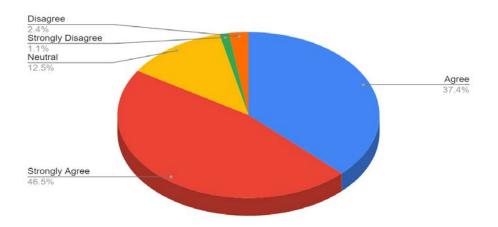
Common facilities (drinking water, canteen, toilet facilities and common areas) are adequate



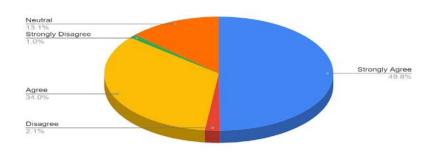
The college library sufficiently caters to the needs of students by providing adequate number of books, periodicals, journals and a digital library.



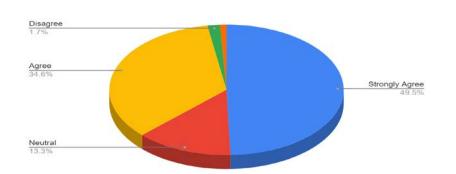
Supporting staff in the institution are found to be prompt, efficient & cooperative and provide adequate information.



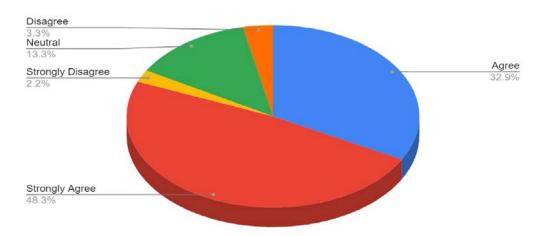
The placement cell offers special training for students to improve their aptitude and soft skills.



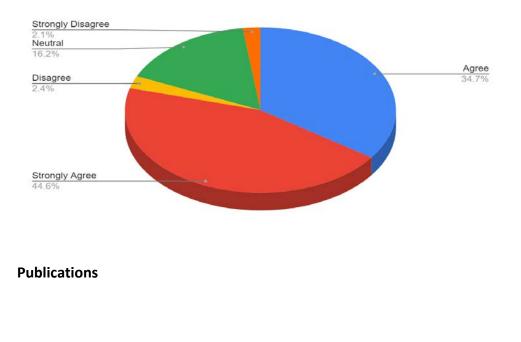
The placement cell facilitates on-campus recruitment opportunities for the students in leading multi national companies.



The college bus service to the institution ensures smooth conveyance facility for the students.



The separate in-campus hostel facilities in the institution provides a safe and hygienic accommodation for students.



| S.No | Title of paper | Name of the author/s | Depart ment of the teacher | Name of journal | Year of publicatio n |
|------|---|----------------------------|-------------------------------------|--|----------------------------|
| 1 | A novel secure and robust encryption scheme for medical images | Siyamol Chirakkarottu | CSE | Current Medical imaging | 2021 |
| 2 | A machine learning based framework for assisting pathologists in grading and counting of breast cancer cells | Dr. Jestin Joy | CSE | ICT Express | 2021 |
| 3 | SignText: a web-based tool for providing accessible text book contents for Deaf learners | Dr. Jestin Joy | CSE | Universal Access in the Information Society | 2021 |
| 4 | Optimization Assisted Convolutional Neural Network for Sentiment Analysis with Weighted Holoentropy-based Features | Hema Krishnan | CSE | International Journal of Information Technology & Decision Making | 2021 |
| 5 | Weighted holoentropy-based features with optimised deep belief network for automatic sentiment analysis: reviewing product tweets | Hema Krishnan | CSE | Journal of Experimental and theoretical artificial intelligence | 2021 |
| 6 | Deep Learning Based Capsule Neural Network Model for Breast Cancer Diagnosis Using Mammogram Images | Dr. Paul P Mathai | CSE | Interdisciplinar y Sciences: Computational Life Sciences | 2021 |
| 7 | Deep Learning Approach For Identifying And Classifying Cancer Types Using BPSO And GAN | Prasad J C | CSE | Turkish Online Journal of Qualitative Inquiry | 2021 |
| 8 | Sentiment analysis of product reviews using weighted distance based whale optimization assisted deep belief network | Dr Hema Krishnan | CSE | International journal of business information systems | 2022 |
| 9 | A Comprehensive Survey on Sentiment Analysis in Twitter Data | Dr Hema Krishnan | CSE | International journal of distributed systems and technologies | 2022 |
| 10 | Synthesis and study of evolutionary optimised sensor linearisation with translinear & FPGA circuits | Noble G, S.Sundararajan | ECE | International Journal of Electronics | 2021 |

| S.No | Title of paper | Name of the author/s | Depart ment of the teacher | Name of journal | Year of publicatio n |
|------|---|-------------------------|-------------------------------------|--|--|
| 11 | InvestigationsintotheDevelopmentof aMyceliumBiocompositetoSubstitutePolystyreneinPackagingApplications | Dr Rejeesh C R | ME | Arabian Journal for Science and Engineering | 2021 |
| 12 | Synthesis and third-order nonlinear optical properties of low band gap 3,4- ethylenedioxythiophene- thiophene copolymers | Dr. Sona Narayanan | S&H | Materials Today: Proceedings | June 2021 |
| 13 | A comparative study of mechanical, dynamic mechanical and thermal properties of rice husk ash, modified rice husk ash and nano silica filled epoxy composites | Dr. Ayswarya E P | S&H | Materials Today: Proceedings | June 2021 |
| 14 | Leech Index Of a Tree | Seena Varghese | S&H | Journal of Discrete mathematical Sciences and Cryptography | June 2021 |
| 15 | Novel hyper chaotic color image encryption based on pixel and bit level scrambling with diffusion | Dr. Shahna K U | MCA | Signal Processing: Image Communicatio n | ###################################### |
| 16 | A Maximum Power Point Tracking Technique for the Photovoltaic System Using PSO | Rinku scaria | EEE | Design Engineering (Toronto) | ############## |
| 17 | An advanced approach for an efficient mode of organ transportation | Rinku scaria | EEE | Materials Today: Proceedings | 2021 |
| 18 | Comparison of SMC and PID controllers for pneumatically powered Knee Orthosis | Anila Mathew | EIE | Journal of control, automation and electrical system | July 2021 |
| 19 | Deep learning driven physical layer security for asimultaneously wireless information and power transfer network. | Sujesh P Lal | МСА | Alexandria Engineering Journal | 2022 |

| - | | | | | |
|------|---|--|-------------------------------------|--|----------------------------|
| S.No | Title of paper | Name of the author/s | Depart ment of the teacher | journal | Year of publicatio n |
| 20 | Novel hyper chaotic color image encryption based on pixel and bit level scrambling with diffusion | Shahna K U | МСА | Signal Processing: Image Communicatio n, ISSN: 0923- 5965 Impact Factor : 3.256 | 2021 |
| 21 | An enhanced fusion based region selection for Co-Salient detection | Dr. Paul P Mathai | CSE | International Journal of Advance Research and Innovative Ideas | 2021 |
| 22 | Computer Aided Diagnostic System For Diabetic Retinoathy Detection using Image processing and Artificial Intelligence | Dr.Arun Kumar M N, Anitha T Nair | CSE | International Journal of Computer Science and Information Security | 2021 |
| 23 | Job Satisfaction of Engineering college teachers: Before and during COVID19 | A J, Joshua | MBA | International Journal of Advanced Research in Science, communication and Technology | 2021 |
| 24 | Impact of globalisation on Gender Equity | A J, Joshua | MBA | International Journal of All Research, Education and Scientific Methods, Volume 9, Issue 10 | 2021 |
| 25 | Ethicality and acceptability of Product placement: A demographic comparison of moviegoers in Kerala | A J, Joshua | MBA | International Journal of Research and Analytical Reviews, Volume 8, Issue 3 | 2021 |

| S.No | Title of paper | Name of the author/s | Depart ment of the teacher | Name of journal | Year of publicatio n |
|------|---|----------------------|-------------------------------------|--|----------------------------|
| 26 | An assessment of the pioneering gender based human resource constraints that exists among IT Employees in Kerala | A J, Joshua | MBA | International Journal of research and analytical Reviews (IJRAR), Volume 8, Issue 4 | 2021 |
| 27 | Effect of Organisational Support on Work engagement with special reference to Self Financing Colleges | A J, Joshua | MBA | EPRA International Journal of Research and Development(I JRD), Volume 6, Issue 10 | 2021 |

Books and Chapters

| Books and Chapters | | | | | | | | | | | |
|--------------------|---------------|-------------------------------|---|---|--|---------------------------|------------------------|--|--|--|--|
| SI. No. | Dep t. | Name of the teacher | Title of the book/ chapters publishe d | Title of the paper | Title of the proceedings of the conference | Name of the conference | | | | | |
| 1 | MCA | Senu Abi | | An Efficient Text Detection And Recognition Framework From Natural Scene Images Using AS- CNN | Lecture Notes on Data Engineering and Communication | ICCNCT 2022 | Year of publication | | | | |
| 2 | MCA | Deepa Mary Mathews | | "Psychological Aspects of Stress Prediction in working employees during the covid 19 pandemic" | Conference on Advancements in | | 2022 | | | | |
| 3 | MCA | Deepa Mary Mathews | | Data Protection Using Blockchain Technology | Proceedings of AICTE sponsored International Conference on Cyber Security and Ethical Hacking in Blockchain Technology 2021 (ICCSEHBT 2021), ISBN:978-81-920267-6- 3, Pg 124-129 | | 2021 | | | | |
| 4 | MCA | Sujesh P Lal | | Data Transfer in Wireless Sensor | | | 2021 | | | | |
| 5 | MCA | Sujesh P Lal | | A Comprehensive Review on FPGA based PWM techniques for DC- DC converters | Conference on | | 2021 | | | | |
| 6 | CE | Keerthi sabu | Transpor tation, Water and Environ mental geotechn iques | Feasibility study on dispersivity of lignosulphonate- treated clay using pinhole test | Geotechnical | Developments in | 2021 | | | | |
| 7 | CE | Sowmya V Krishnanku tty | Transpor tation, Water and Environ mental | Feasibility study on dispersivity of lignosulphonate- treated clay using pinhole test | Geotechnical | Conference 2020- | July 1905 | | | | |

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|----|-----|----------------------|----------|--|-------------------------------|----------------------|--------------|
| | | | geotechn | | | sustainable | |
| | | | iques | | | tomorrow | |
| | | | | | | Indian | |
| | | | Ground | | | Geotechnical | |
| | | | Characte | | Proceedings of Indian | Conference 2020- | |
| | CE | Keerthi | risation | Effect of Bentonite | Geotechnical | Developments in | |
| 8 | CE | sabu | and | Support Fluid on | Conference 2020- | geotechnical | |
| | | | Foundati | Pile Capacity | Volume 1 | engineering for | |
| | | | on | | | sustainable | July 1905 |
| | | | | | | tomorrow | July 1905 |
| | | | | | | 6th International | |
| | | | | Disease Grading of | | Conference on | |
| | | | | Diabetic | 2022 | Computing | |
| 9 | CSE | Dr.Arun | | Retinopathy Using | 2022 ICCMC | Methodologies | |
| | | Kumar M N | | Deep Learning | Proceedings.pdf | and | |
| | | | | Techniques | | Communication | July 1905 |
| | | | | • | | (ICCMC 2022) | July 1905 |
| | 1 | | | | | 6th International | |
| | | | | Disease Grading of | | Conference on | |
| | | | | Diabetic Retinopathy Using Deep Learning | 2022 ICCMC Proceedings.pdf | Computing | |
| 10 | CSE | ANITHA T NAIR | | | | Methodologies | |
| - | | | | | | and | |
| | | | | Techniques | | Communication | March 2022 |
| | | | | · | | (ICCMC 2022) | Mai (11 2022 |
| | | | | | | 10th | |
| | | | | A survey on Deep | 2021 International | international | |
| | | | | Learning | Conference on | conferences on | |
| 11 | CSE | Neenu | | • | Advances in Computing | Advances in | |
| | | Johnson | | effective Crop Data | and Communications | Computing and | |
| | | | | Analytics | (ICACC) | Communications | March 2022 |
| | | | | ., | | (ICACC) | Marcii 2022 |
| | | | | Automated | | International | |
| | | | | Invasive Ductal | | Conference on | |
| | | | | Carcinoma Breast | | Machine | |
| 12 | CSE | Dr.Prasad J | | Cancer | | Intelligence in | |
| | | С | | Classification using | | Research and | |
| | | | | Deep Learning | | Development | October 2021 |
| | | | | Algorithms | | (ICMIRD'22) | 500501 2021 |
| | | | | | | 7th South-East | |
| | | | | | | Europe Design | |
| | | | | | | Automation, | |
| | | | | On Decentralizing | | Computer | |
| | CSE | Ms. Sruthy Suresh | | Federated | | Engineering, | |
| 13 | | | | Reinforcement | | Computer | |
| | | 3016211 | | Learning in Multi- | | Networks and | |
| | | | | Robot Scenarios | | Social Media | |
| | | | | | | Conference | April 18-20, |
| | | | | | | (SEEDA- | 2022 |
| | | | | | | <u>CECNSM), 2022</u> | - |
| | | | | | | National | |
| | | | | Advanced Small | | Conference on | |
| 14 | CSE | Pankaj | | Object Detection | | Artificial | |
| 14 | CJL | Kumar G | | and Tracking | | | November |
| | | | | | | Cognitive | 2022 |
| | | | | | | Computing | |
| | | | | Lithium-Ion Battery | | International | |
| 15 | CSE | Pankaj | | Modeling: A | | Conclave on | |
| 13 | CJE | Kumar G | | Machine Learning | | Skills, | July 2022 |
| | | | | Approach | | Engineering, and | |
| | | | | | | | - |

| | | | | | Technology (ICSET) | |
|----|-----|-------------------|--|---|---|-------------------|
| 16 | CSE | Pankaj Kumar G | Named Entity Recognition in Malayam Using Deep Neural Networks | | International Conclave on Skills, Engineering, and Technology (ICSET) | Sept 2022 |
| 17 | EEE | Rinku scaria | Particle swarm optimizer based maximum power point controller for the photovoltaic system | 6th International Conference on Inventive Computation Technologies (ICICT) | 6th International Conference on Inventive Computation Technologies (ICICT) | Sept 2023 |
| 18 | EEE | Veena wilson | Performance | Energy Conference | 2021 IEEE International Power and Renewable Energy Conference (IPRECON) | February 2021 |
| 19 | EEE | Veena wilson | Improved Two Stage Commutation for Effective Vibration Reduction in Switched Reluctance Motor using Particle Swarm Optimization | 2022 IEEE International Conference on Power Electronics, Smart Grid, and Renewable Energy (PESGRE) | 2022 IEEE International Conference on Power Electronics, Smart Grid, and Renewable Energy (PESGRE) | September 2021 |
| 20 | ECE | Deepa N R | Modular adder Designs based on Thermometer coding and one hot coding | 2nd International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS) | 2nd International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS) | January 2022 |
| 21 | ECE | Nimmy M Philip | Modular adder Designs based on Thermometer coding and one hot coding | 3rd International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS) | 3rd International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS) | September 2021 |
| 22 | ECE | Anoop E G | Modular adder Designs based on Thermometer coding and one hot coding | 4th International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS) | 4th International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS) | September 2021 |
| 23 | ECE | Nimmy M Philip | Review of FPGA base Accelerators of deep | 6th International Conference on Devices, | 6th International Conference on Devices, Circuits | September 2021 |

| | | | convolutional Neural networks | Circuits and Systems (ICDCS) | and Systems (ICDCS) | |
|----|-----|----------------------|---|--|---|----------------------|
| 24 | ECE | Deepa N R | Image Using DNA | 6th International Conference on Devices, Circuits and Systems (ICDCS) | 6th International Conference on Devices, Circuits and Systems (ICDCS) | April 2022 |
| 25 | ECE | Ambili A R | Multi-Tasking Synthetic Speech Detection on Indian Languages | Conference on | 2022 International Conference on Innovative Trends in Information Technology (ICITIIT) | May 2022 |
| 26 | ECE | Ambili A R | Lda And Fusion - | International Conference on Intelligent Systems Electrical and Communication Technology" (ICISECT- 2021) | International Conference on Intelligent Systems Electrical and Communication Technology" (ICISECT- 2021) | April 2022 |
| 27 | ECE | Dr.Anilkum ar M N | Comparative Analysis Of Fusion- Lda And Fusion - Pca For Facial Recognition | International Conference on Intelligent Systems Electrical and Communication Technology" (ICISECT- 2021) | International Conference on Intelligent Systems Electrical and Communication Technology" (ICISECT- 2021) | 9 th &10 th April |
| 28 | EEE | Sreevidya P | Lidar Based Lane- Change Assistance For Motor Vehicle | | 2021 IEEE 7th International Conference on Advanced | 9 th &10 th April |
| 29 | EEE | Sreevidya P | Leaf Recognition and Disease Detection using Content- based Image Retrieval | | 2021 IEEE 7th International Conference on Advanced Computing and Communication Systems | June 2021 |
| 30 | EEE | Sreevidya P | A machine learning based early landslide warning system using IoT | | International conference on Nascent Technologies in engineering ICNTE 2021 | June 2021 |
| 31 | EEE | Anila Mathew | Surface Electromyogram Based Techniques for Upper and Lower Extremity Rehabilitation | | 2021 IEEE 3rd International Conference on Signal Processing and | July 2021 |

| | | | | Therapy - A Comprehensive Review | | Communication (ICPSC) | |
|----|-----|-----------------------|---|---|---|--|-------------------------------|
| 32 | EEE | Anila Mathew | | Artificial neural network model for the characterization of human locomotion parameters | | International Conference on Communication, Control and Information Sciences (ICCISc2021) | June 2021 |
| 33 | EEE | Raji P | | LITERATURE REVIEW ON SLEEP APNEA ANALYSIS BY MACHINE LEARNING ALGORITHMS USING ECG SIGNALS | Journal of Physics: Conference Series | International Conference on Novel Approaches and Developments in Biomedical Engineering-2021 (ICNADBE 2021) | June 2021 |
| 34 | EEE | Honey Devassy | | Review on vibration sensors and control methods for cantilever beams | | IEEE sponsored International conference on Advancements in Elecrtical, Electronics, Communication, Computing and Auttomation | June 2021 |
| 35 | EEE | S Sundararaj an | | linear function for | 6th international conference on Devices , circuits and Systems ICDCS | 6th international conference on Devices , circuits and Systems ICDCS | October 2021 |
| 36 | EEE | Sreevidya P | | The role of face embeddings in classification of personality traits from portrait images | IEEE Region 10 International Conference TENCON | IEEE Region 10 International Conference TENCON | May 2022 |
| 37 | ME | Dr. Rejeesh C R | Packagin g applicati ons of fungal myceliu m-based biodegra dable composit es | | | | February 2022 |
| 38 | ME | Dr. Rejeesh C R | Thermal propertie s of biofibre- based polymer | | | | 1st Edition - June 2, 2022 |

| | | | composit es | | | | |
|----|-----|--------------------------|----------------|--|--|---|-----------------------------------|
| 39 | МСА | Senu Abi | | An Efficient Text Detection And Recognition Framework FromNatural Scene Images Using AS- CNN | Lecture Notes on Data Engineering and Communication Technologies, Springer | ICCNCT 2022 | 1st Edition December 1 2021 |
| 40 | MCA | Deepa Mary Mathews | | "Psychological Aspects of Stress Prediction in working employees during the covid 19 pandemic" | Proceedings of International Conference on Advancements in Computer Applications 2021, ISBN : 978-93- 5473-978-1, pg 39-42 | | 2022 |
| 41 | MCA | Deepa Mary Mathews | | Data Protection Using Blockchain Technology | Proceedings of AICTE sponsored International Conference on Cyber Security and Ethical Hacking in Blockchain Technology 2021 (ICCSEHBT 2021), ISBN:978-81-920267-6- 3, Pg 124-129 | | 2021 |
| 42 | MCA | Sujesh P Lal | | Consensus based Data Transfer in Wireless Sensor Network for Reliability Interpretation | Springer Proceedings of International Conference on Computing, Communication and Control System | | 2021 |
| 43 | MCA | Sujesh P Lal | | A Comprehensive Review on FPGA based PWM techniques for DC- DC converters | Springer Proceedings of International Conference on Computing, Communication and Control System | | 2021 |
| 44 | MCA | Deepa Mary Mathews | | "Smart Waste Collection Monitoring and Alert System via IoT" | Journal of Education: Rabindra Bharati University, Vol. : XXIV, No. :1(XX), 2022 | International Conference on Machine Intelligence in Research and Development 2022 | 2021 |
| 45 | MCA | Rose Mary Mathew | | Assessment Of Resampling Techniques Over Multi-Majority Datasets | Karpagam Journal of Computer Science | 8 th NATIONAL CONFERENCE on "Recent Trends and Advances in the Field of Information Technology" (NCIT'21). | June 2022 |
| 46 | MCA | Rose Mary Mathew | | Analyzing The Impact of Ensembling Techniques and Resampling Techniques Over | Advances in Intelligent systems and Technologies | International Conference on Machines, Computing and Management Technologies (ICMCMT 2022) | Mar-April 2022 |

| | | | Multi Class Skewed Datasets | | | |
|----|-----|-----------------------|--|--|--|--------------|
| 47 | EIE | Sreevidya P | Lidar Based Lane- Change Assistance For Motor Vehicle | | 2021 IEEE 7th International Conference on Advanced Computing and Communication Systems | July 2022 |
| 48 | EIE | Sreevidya P | Leaf Recognition and Disease Detection using Content based Image Retrieval | | 2021 IEEE 7th International Conference on Advanced Computing and Communication Systems | June 2021 |
| 49 | EIE | Sreevidya P | A machlne learning based early landslide warning system using IoT | | International onference on Nascent Technologies in engineering ICNTE 2021 | June 2021 |
| 50 | EIE | Anila Mathew | Surface Electromyogram Based Techniques for Upper and Lower Extremity Rehabilitation Therapy - A Comprehensive Review | | 2021 IEEE 3rd International Conference on Signal Processing and Communication (ICPSC) | 2021 |
| 51 | EIE | Anila Mathew | Artificial neural network model for the characterization of human locomotion parameters | | International Conference on Communication, Control and Information Sciences (ICCISc2021) | June 2021 |
| 52 | EIE | Honey Devassy | Review on vibration sensors and control methods for cantilever beams | | IEEE sponsored International conference on Advancements in Elecrtical, Electronics,Com munication, Computing and Auttomation | June 2021 |
| 53 | EIE | S Sundararaj an | Implementation and analysis of an evolutionary optimized Non- linear function for linearization of Thermo-resistive sensors | 6th international conference on Devices , circuits and Systems | 6th international conference on Devices , circuits and Systems ICDCS | October 2021 |
| 54 | EIE | Sreevidya P | The role of face embeddings in classification of personality traits | IEEE Region 10 International Conference TENCON | IEEE Region 10 International Conference TENCON | May 2022 |

| | from images | portrait | | |
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Curriculum Feedback Teachers

Questions

1.The curriculum of the program is well designed and promotes learning experience of the students.

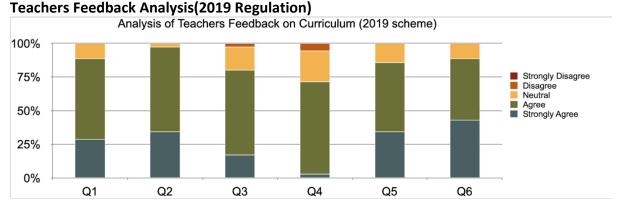
2. Course objectives and outcomes of the course are well defined and clear to faculties and students.

3. The course is relevant to the current industry trend.

- 4. The course curriculum has a good balance between theory and application.
- 5. The Curriculum recommends relevant books and references in the field.

6. Teaching the course increased my knowledge and expertise in the subject area.

Academic Year: 2021-22



Academic Year : 2021-2022

Student Feedback Analysis Report

Question

Q1: Are the objectives of al the courses clearly defined?

Q2: Is the syllabus appropriate for achieving the program's learning outcomes and competencies?

Q3: Is the syllabus updated to reflect new advances in the field?

Q4: Is the library stocked with required learning resources, such as suggested textbooks and reference books?

Q5: Are the electives related to core subject and suitable for specializing in a specific field?

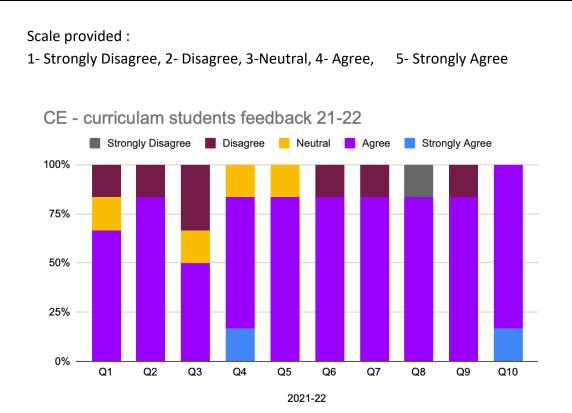
Q6: Do the laboratory activities help in the comprehension of concepts?

Q7: Does the programme encourage self-learning and higher study?

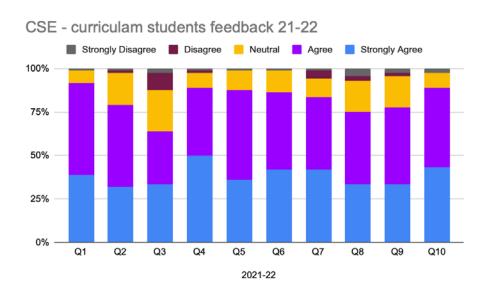
Q8: How well is the curriculum structured to assist students understand and provide solutions to the real-world issues?

Q9: How effective has the programme been in instilling confidence in you to face competitive exams and interviews?

Q10: Does the curriculum introduce students to environmental and sustainability issues, professional ethics, etc?.



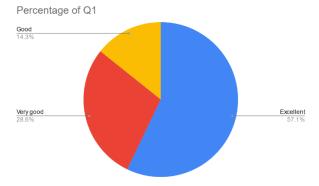
CSE

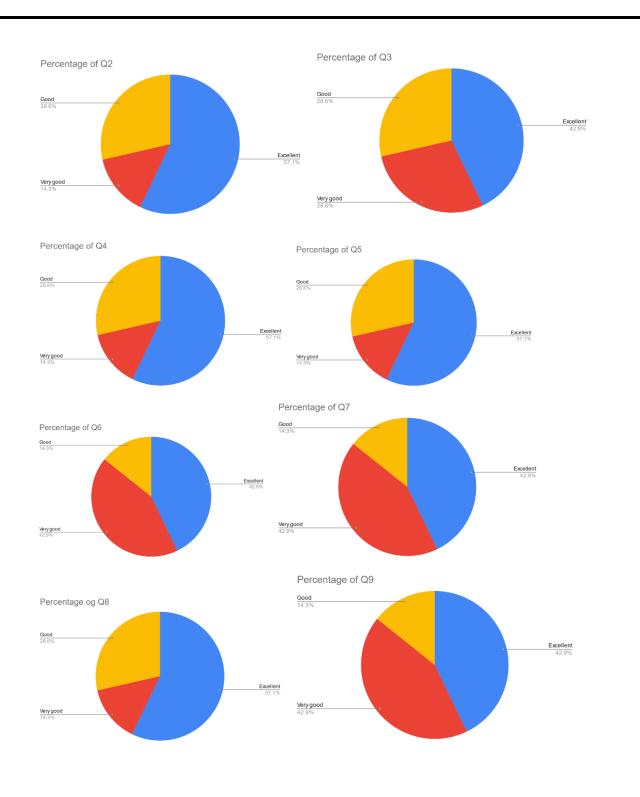


Employer Curriculum Feedback Analysis Academic Year 2021-22

Questions

- 1. Fundamental knowledge in Science and Mathematics
- 2. Fundamental knowledge in Engineering
- 3. Understanding of global engineering standards
- 4. Ability to analyse and interpret data
- 5. Ability to design new systems within realistic constraints
- 6. Ability to identify, formulate and solve technical problems
- 7. Practice of professional and ethical responsibility
- 8. Communication and presentation skills
- 9. Ability to understand the impact of Engineering solutions in various contests
- 10. Knowledge of current developments in Engineering field
- 11. Ability to use modern engineering tools for professional practice
- 12. Leadership and management skills



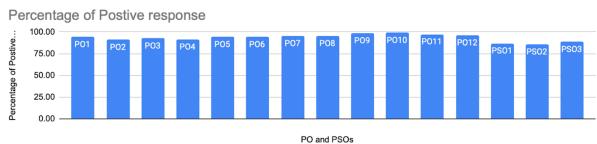




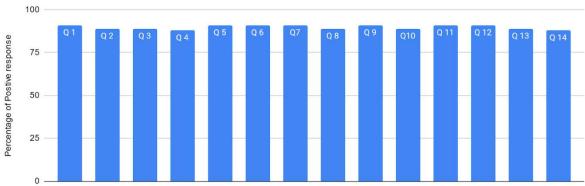
Academic Year : 2021-2022

Alumni Feedback Analysis Report

CE

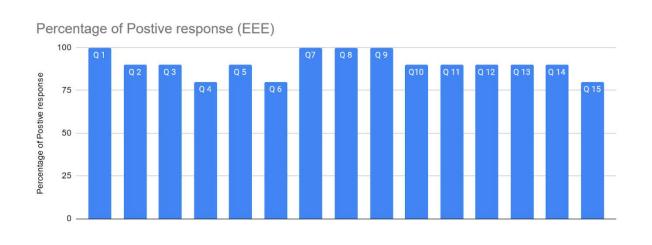


CSE

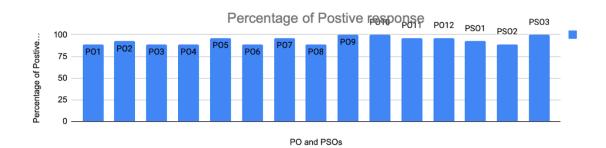


Percentage of Postive response (CSE)

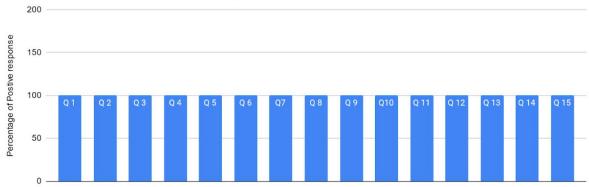
EEE



ECE

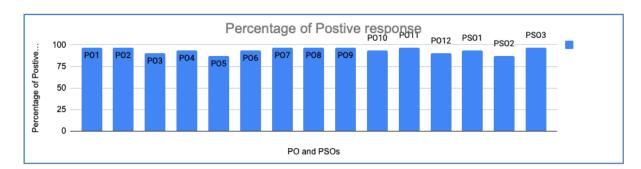


EIE

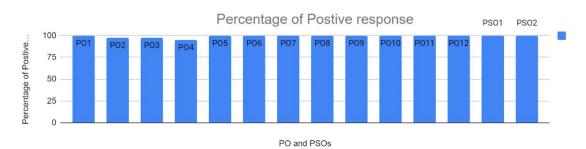


Percentage of Postive response (EIE)

ME



MCA



GENDER SENSITIZATION

Gender Sensitization

Gender Equity Cell

A Gender Equity Cell was formed in 18th December 2021. Dr Shobhana Warrier, Associate Professor, Department of History, Kamala Nehru College, University of Delhi, inaugurated the cell and delivered a talk on Gender Sensitization Training: POSHA(Prevention of Sexual Harrasment Act) 2013 and our rights.

Seminar on "Empowering Women through Financial Freedom"

By Dr Dhanya Alex, Associate Professor, MBA on 2.12.2021



Talk on Self – Worth, Respect and Dignity – Foundation of Gender Equality Dr Reshmi R, Asst Prof, CSE



FISAT Green Survey 30.9.2021



Talk on "Earth Day 2022-Investing in our Planet through Smart technologies" by Mr. Jawahar Saud, Assistant Professor , Department of Civil Engineering, FISAT on 29th April 2022



Financial Literacy for young adults – Seminar by Dr Dhanya Alex, Associate Professor, MBA on 27.5.2022



IQAC Meetings and Action Taken Report

Action Taken Report on IQAC meetings

| Date of Meeting | Decisions | Action Taken |
|--------------------|---|---|
| 14.6.2021 | Submit AQAR 2020-21 Apply for 2f Apply for NIRF ranking Prepare for NAAC submission in the revised framework Prepare for AICTE and KTU approval for new courses Parallel website to be created for NAAC Interim reports of cells and Committees to be collected half yearly Committee for Value Added Courses to be formed | AQAR of 2020-21 submitted in December 2021 Application for 2f submitted Applied for NIRF ranking Orientation sessions on NAAC RAF conducted, auditing of data collected as per RAF also done New courses approved by AICTE and KTU after inspection Parallel website created for NAAC Interim reports of Cells and Committees collected Committee formed to coordinate Value Added Courses |
| 8.9.2021 | Correct the deficiencies identified in the first audit for NAAC Combine the ISO and KTU internal audits Conduct second audit for NAAC Celebrate Institution Day on 23rd September 2021 in online mode Apply for extension of validity of approval to NAAC Feedback to be collected from stakeholders | The deficiencies identified in the first audit have been addressed The ISO and KTU internal audits are conducted together Conducted second audit for NAAC in October 2021 Institution day was celebrated on 23.9.2021 in online mode Applied for extension of validity of approval to NAAC on 15/9/2021 Feedback collected from stakeholders and analysed |
| 1.12.2021 | Conduct a third audit for NAAC preparation assessment Upload data to FISAT - NAAC website | Conducted a third audit in January 2021 Uploading of data to NAAC website in progress Awareness program on NAAC RAF conducted by Dr Johnson on 21.1.2021 Conducted the gender audit successfully Conducted APMC meetings for S7 B Tech on 2nd and 3rd December 2021 |

| | Awareness program on RAF to be conducted for all staff Conduct Gender audit APMC meetings for S7 B Tech Apply for extension of validity of NAAC approval Conduct of student council elections | Applied for extension of validity of NAAC approval on 27/12/2021 Student council elections conducted in January 2022 |
|-----------|--|---|
| 18.3.2022 | Improve academic performance and give placement orientation from 2nd year Activities for improving admission KTU internal audit to be conducted IIQA to be submitted for NAAC accreditation Encourage students to utilize all the facilities of the institution | academic performance of students Department-wise placement activities from the second year onwards planned School Student visits to see the campus and tech fests, free mock entrance coaching as part of FISAT's social commitment conducted KTU internal audit conducted on 30.3.2022 IIQA submitted on 27.5.2022 |