IQAC
Annual Report
2021-2022

INTERNAL QUALITY ASSURANCE CELL

BANNARI AMMAN INSTITUTE OF TECHNOLOGY
Stay Ahead
IQAC

Stay Ahead

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INSTITUTE PROFILE

Bannari Amman Institute of Technology is an Autonomous, Self-financing Engineering College, Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai. The spacious and earth-hugging buildings punctuated with landscaped courtyards and pathways are designed to emphasise the business ethics and or characteristics of an excellent centre for learning.

IQAC

In pursuance of its Action Plan for performance evaluation, assessment and accreditation and quality up-gradation of institutions of higher education, the National Assessment and Accreditation Council (NAAC), Bangalore proposes that every accredited institution should establish an Internal Quality Assurance Cell (IQAC) as a quality sustenance measure. In this regard, The Internal Quality Assurance Cell (IQAC) was established in the college during the year 2009. Since quality enhancement is a continuous process, the IQAC will become a part of the institution's system and work towards realisation of the goals of quality enhancement and sustenance.

A. Objectives of IQAC

- To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.
- To promote measures for institutional functioning towards quality enhancement through internalisation of quality culture and institutionalisation of best practices.

B. Vision & Mission of the Institute

Vision

To be a centre of excellence, providing world-class education that transforms individuals into intellectual, empathetic and responsible citizens.

Mission

I To provide top of the line infrastructure that is most conducive for learning.

II To engage committed members of faculty who will infuse subject knowledge with lates teaching pedagogies.

III To provide state-of-the-art facilities to the members of faculty and student fraternity to access and engage in diligent research.

IV To collaborate the best minds in the industries with the academia of the college thereby empowering the students to meet the global standards.

V To create an enterprising environment for a continual progress and change that respects heterogeneity.

C. Strategic Plan

The Strategic Plan (SP) of Bannari Amman Institute of Technology aims to leverage the strengths of the Institute that have been developed over a period of time, and the capabilities of those that are confident enough to develop in coming years. BIT's strategic plan includes nine major factors given below.

Be in Top 25 Instructions, Nationally among the privately funded instructions through achieving excellence in core competency area

Meet the Goals and objectives of our Nation

- Outcome Based Academics
- Skilling and Employability
- Startup Culture
- Infrastucture upgradation
- Stakeholders satisfaction index
- Industry Collaborations
- Community Outreach
- Reach & Development Ecosystem
- Upcoming technology extpertisation

Management, Faculty, Staff, Students and Infrastructure facilities

D. Functions of IQAC

- Development and application of quality benchmarks
- Parameters for various academic and administrative activities of the institutionTo develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution
- Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process
- Collection and analysis of feedback from all stakeholders on quality-related institutional processes
- Dissemination of information on various quality parameters to all stakeholders
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles
- Documentation of the various programmes/activities leading to quality improvement
- Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices
- Development and maintenance of institutional database through MIS for the purpose of maintaining /enhancing the institutional quality
- Periodical conduct of Academic and Administrative Audit and its follow-up
- Preparation and submission of the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC

To channel and systematize the efforts and measures of an institution towards academic excellence, The IQAC cell introduced 13 verticals on 03.08.2021 and the objectives/functions of each vertical are as follows:

IQAC Admin

- To oversee the external committees (Like AICTE, Anna University, NBA, NAAC, UGC) and to apply for awards and rankings.
- To monitor all the IQAC verticals for effective execution.

Research and Development (R&D)

- To ensure the effective utilization of existing facilities and to establish new facilities.
- To enable faculty members and students to apply the knowledge and design/ create new products to enhance the lifestyle of the people.
- To ensure timely disclosure of all potential inventions / Innovations and results of research activities by faculty members/students through patents or proper mode of publications with relevant property rights.

Outside World Interaction (OWI)

- To update the database of actions related to external academic and industry contact.
- To encourage faculty members to collaborate with diverse industries by giving them regular tasks to meet the IIPC target.
- To Improve the intern programme for students.

Infrastructure Activities (IA)

- To monitor infrastructure of the campus.
- To ensure effective utilization of the resources in academic and non-academic areas.

Campus Maintenance (CM)

- To mechanize the cleaning process.
- To upload the daily activities related to carpentry, civil works, electrical and Plumbing, online.

Students & FacultyCompetency (SFC)

- To enhance the competency level of faculty members through self-paced learning and industrial training.
- To develop technical and non-technical skills of non-teaching staff through in-house and industrial training.
- To provide skill training for students throughout the semester on the latest technologies.

Events

- To plan and execute all the internal events.
- To facilitate the centralized meetings (Faculty, Student, Department, HoDs, DAB, BoS, SCM, ACM, RPB, GC meetings, Grievance meeting, etc)
- To inform all the stakeholders about the events that are happening at BIT.
- To facilitate the review for students and faculty members.

Student Affairs (SA)

- To mentor the students in every aspect
- To assist Support Desk Portal
- To collect and resolve feedback through QR Codes
- To communicate the students' related information to parents through telecallers
- To provide student's admitted data for various ranking and accreditation

Students Achievements (SAc)

- To approve the external events attended by the student
- To verify the documents once after the participation of students in the event
- To analyze the data of student achievements to various ranking bodies; departments for accreditation works

Faculty Activities and Achievements (FA&A)

- To do the analysis of data and submit to various ranking and accreditation purposes.
- Assist in drafting patents for faculty members and students.

Human Resource (HR)

- Develop and implement HR Policies
- Manage the recruitment process of all man powers
- Execute Faculty Career Advancement & yearly increments process
- Address genuine grievances
- Conduct orientation programme for faculty members
- To ensure dress code, discipline and proper delivery of duties and responsibilities
- To follow Faculty Recreation activities

Academic Activities

- To conduct class committee meetings and maintain the minutes as per the academic calendar
- To conduct the course committee meeting and maintain the minutes
- To organize the course files for all the courses offered in the academic year

Knowledge & Data Analytics

- To cull out details from data, the process of data analysis employs analytical and logical reasoning
- To analyze the observations, for effective decision-making

BANNARI AMMAN INSTITUTE OF TECHNOLOGY

F. The composition of the IQAC (2021–23)

Sl.No	IQAC Members	Designation
1	Dr Palanisamy C	Chairperson
2	Dr Ramesh Kumar T	Head–IQAC
3	Dr Sivakumar K	Senior Administrative Officer
4	Dr Bharathiraja M	Senior Administrative Officer
5	Dr Senthil Kumar K L	Senior Administrative Officer
6	Dr Bharanikumar R	Senior Administrative Officer
7	Dr Senthil Kumar G	Teacher: Controller of Examinations
8	Dr Ravikumar M	Teacher: Incharge - Infrastructure vertical
9	Dr Poongodi C	Teacher: Incharge - Autonomy Affairs
10	Dr Ramesh C	Teacher: HoD - Computer Technology
11	Dr Daniel Madan Raja S	Teacher: HoD - Information Technology
12	Mr Vijayakrishnan S	Teacher: Training and Placement Officer
13	Mr Sundar S	Teacher: Incharge - Special Laboratory
14	Dr Gunasekaran M	Teacher: Librarian
15	Dr Sampathkumar B	Nominee from the management
16	Mr Sivaraj N	Nominee from Local Society
17	Mr K S K Singaravelan K S K	Nominee from Alumni
18	Mr Kannan Paul Raj	Nominee from Employers
19	Mr Geethnarayanan B	Nominee from Industrialists
20	Mr Ponnusamy P	Nominee from Stakeholders (Parent)
21	Ms Mithra B	Nominee from Students

| Sl.No	Items	Number of Activities
1	Quality Events	17
2	Clubs & Societies	27
3	Faculty Training Programs	08
4	MoU Signed	08
5	Industry Team Visit to BIT	04
6	IRP Visit	09
7	Competency Training Programs	21
8	NBA Mock Reviews	13
9	IQAC Meetings	02

The department of EEE organized a guest lecture on the topic "electrical safety at the workplace and industrial standards" online on 05.06.2021. Mr Janarthanam R, Senior Engineer, ELGI Equipment Ltd Coimbatore was the resource person for the session. A total of 246 students from first and second-year EEE attended the session. The event aimed to provide awareness about standards and safety.

The IQAC - BOE club organized a seminar on the topic "Preparation strategy to crack competitive exams" online on 14.09.2021. Mr Vivekanandan R, and Mr Sathyamoorthy V, Co-founder, Masters Academy were the resource people for the seminar. A total of 303 students attended the

session. The event aimed to provide awareness of ways to crack competitive exams.
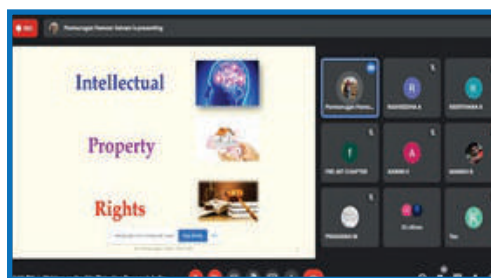
The IQAC alongside the Department of Biomedical organized a webinar on the topic "Patenting process in India - A Beginner's Guide" online on 14.09.2021 from 02.00 PM and 03.00 PM. Dr Ponmurugan P, Head of R&D, Sengunthar Engineering College was the resource person for the webinar. A total of 57 students attended the session. The event dealt with the basics of IPR, filing patents, Copyrights, and Trademarks.

The Department of Civil organized a webinar on the topic "Graduate to Engineer - An evolutionary change" online on 15/09/2021 at 03.00 PM. Mr Elamathi, Chief Executive Engineer, COGIBRO Construction, was the resource person for the webinar. A total of 34 students attended the session. The event aimed to understand the prospects of civil engineers.
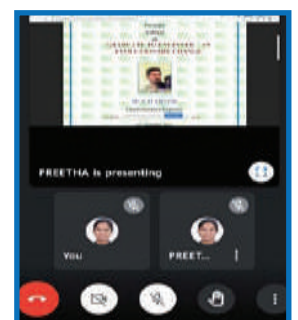
The department of Computer Technology organized a webinar on the topic "The future of mobile APP industry" online on 17.09.2021. Dr Shriram K V, Principal Consultant, Huawei Technologies, Bengaluru, was the resource person. A total of 46 students attended the session. The event aimed to understand the mobile application development platform, exclusively designed by Huawei Technologies for application development, that eases the app development process and enhances the performance of mobile applications.

The Department of BME organized a national level webinar on the topic "Preparation for obtaining NBA Accreditation" online on 22.09.2021 from 02:00 PM to 04:00 PM. Dr Deepa D, Professor and Head, BME, Bannari Amman Institute of Technology, was the resource person. A total of 42 faculty members

attended the session. The event aimed to understand the NBA accreditation process and Course / Program outcome mapping.
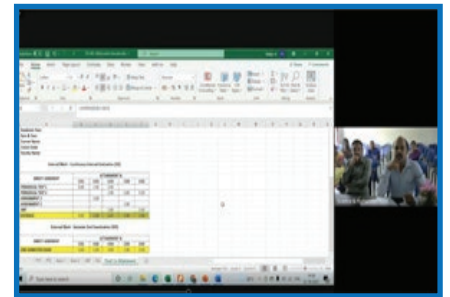
The IQAC alongside the Energy and Thermal Product Design and Development Lab organized an online guest lecture on "Role of Solar Energy in sustainable agriculture research (Energy ideathon 2021)" on 11.12.2021. Dr Murugesan R, Managing Director, Roots Irrigation, Coimbatore. A total of 60 students attended the session. The event dealt with the impact of solar energy on the Indian economy and its prospects.

The Department of CSE organized a webinar on "Placement Opportunities" on 18.12.2021 from 07:00 PM to 08:00 PM. Ms Laksmi Prabha R, from Zoho, was the resource person. A total of 100 students attended the session. The session centered on industry-oriented placement activities.
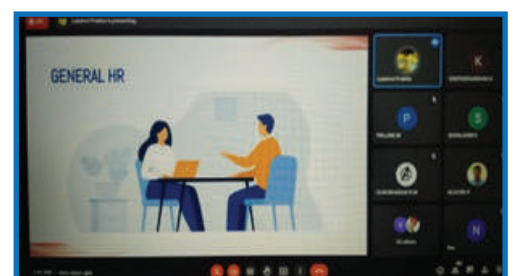
The Department of AIML organized a two-day hands-on training program on Digital Marketing on December, 21- 22 2021 from 09:00 AM to 05:00 PM. Mr Anubhav Kumar Lal and Sartak Srivastava were the resource people. A total of 59 students attended the session. The event aimed to understand digital marketing tools and campaigns for advertisements like Google Adwords, Linked-In / Facebook / Email Advertisement.

The BIT-IIC organized an intellectual property rights awareness programme on 27/12/2021 at the main auditorium BIT from 10:00 AM to 4:00 PM. Mr Hariprasath P, Examiner of patent and designs was the resource person. A total of 1800 students from various branches attended the session. The event

aimed to understand the Importance of Intellectual Property, Types Of IPR, Trademarks, Copyrights, Trade Secrets, Patents & How To Design A Patent, and Types Of Patents.


The Department of EEE organized a two-day Entrepreneurship development training on "Value added Agri product solar dryer for the empowerment of tribal women in Kadambur Hills" at the EEE Seminar hall on 07/06/2021 and 08/01/2021. Mr Arockia Pitchai S, Rural Industry Master Tutor was the resource person. A total of 37 tribal women attended the session. The event aimed to empower women through entrepreneurship training on value-added Agri products by the solar dryer.

The Department of AIDS organized a workshop in association with Kaggle on the topic, "how to study masters abroad with minimal investment on scholarships' online on 08/01/2022 from 03:00 PM to 04:30 PM. Mr Raghavan, an Overseas admission expert, at Jamboree education, was the resource

person. A total of 70 students attended the session. The event aimed to prepare students for Higher studies and explore more opportunities abroad.
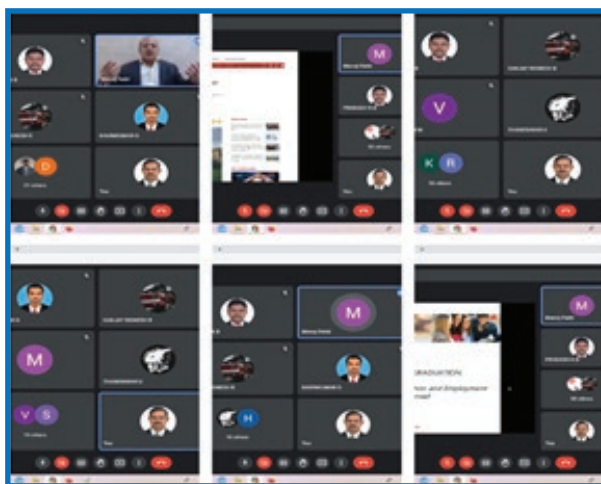
The Department of Mechanical Engineering organized a guest lecture on "Overseas education and global opportunities abroad after graduation" online on 24/01/2022 from 03.00 PM to 04.00 PM. Mr Manoj Patki, Director of STAAR United Inc. Mumbai and Syed Osama, Business Consultant STAAR United Inc. Mumbai was the resource person. A total of 40 students attended the session. The outcome of the event was an eye-opener to the students about new opportunities abroad and job opportunities.

The Department of Civil organized an FDP on "Effective teaching towards outcome-based education" on January 27 to 29, 2022, at the civil conference hall from 11.30 AM to 12:00 PM. Dr Sivapragasam C, Dean IQAC, Kalasalingam Academy of Research and Education, Virudhunagar was the

resource person. A total of 21 faculty members attended the session. The event aimed to brief on effective teaching towards outcome-based education.
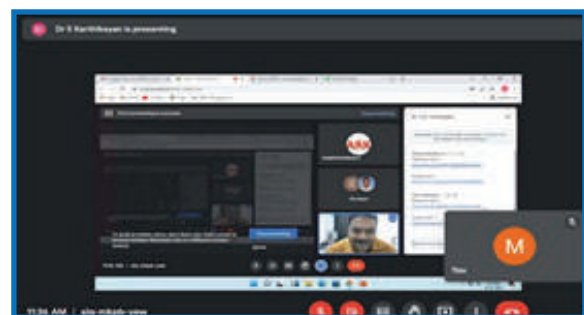
The Department of Chemistry organized a one-week virtual FDP on "NBA Accreditation Process-An overview" from March 7 to 12, 2022, via online mode. A total of 36 internal and 76 external faculty members attended the programme. The aim of the event was:

1. To set up a functional Internal Quality Assurance System (IQAC) in the University / College and conduct regular meetings. How regular progress on all seven criteria and Department specific deliverables are recorded after every meeting for effectively transferring this formulation of the IQAC Annual Report, required to be uploaded on the Website for at least three years preceding the Accreditation date.
2. The importance of regular academic audits before NBA & NAAC accreditation. To carry out the quarterly/bi-annual academic audit of the University / College by incorporating external auditors.
3. To make up for the shortfall in the students-to-faculty ratio effectively by assigning teaching load distribution in a multi-disciplinary setting.

The IQAC-Department of Biomedical Engineering and Embedded Technology Special lab jointly organized a seminar on "Quality Assurance in Product Development Cycle" for II-year students on 05.04.2022. The session was handled by Mr Karthik H, IoT / App Developer, Mr Johnny Antony P, Android Developer, ZED Digital, USA and Mr Suresh R, Embedded Hardware Developer, TPEP Innovation, Coimbatore. A total of 70 students attended the training.

The IQAC - The Department of Computer Science & Engineering organized a National Webinar titled "Digital Marketing for Personal Branding" on 30.04.2022, from 02:30 PM– 03.30 PM. The session was handled by Ms Sowmya S, MSME Digital Marketing Trainer, Founder and Managing Partner, Nirguna, Coimbatore. She addressed the scope of Digital Marketing and how to effectively brand personal products. A total of Forty- Five students attended the webinar. The same was organized by JanagiR, AP/CSE and Lavanya C, AP/CSE.

Every year "MUTHAMIZH SANGAM" event is organized by Muthamizh Mandram. This event is conducted for college students all over Tamilnadu to express their talents. Various events like Vivadha kalam, Thaen tamizh suvai, Tamil sarntha padaippugal, sinnam vadivamaithal, Eluthinbam were conducted. This year a total of 358 registrations were received and the responses were collected through Google form. The valediction ceremony was conducted on 09.04.2022 from 4:30 to 5:30 PM and the event was live-streamed on zoom meetings.

The IQAC - Bureau of Overseas Education (BOE) Club organized a seminar on "Preparation Strategy to Crack Competitive Exams" on 14 August 2021, from 09:00 AM to 10:30 AM for UG & PG students. Mr Vivekanandan R, the Co-founder, of Masters Academy & Mr Sathyamoorthy V, the Co-founder, of Masters Academy, were the resource people.
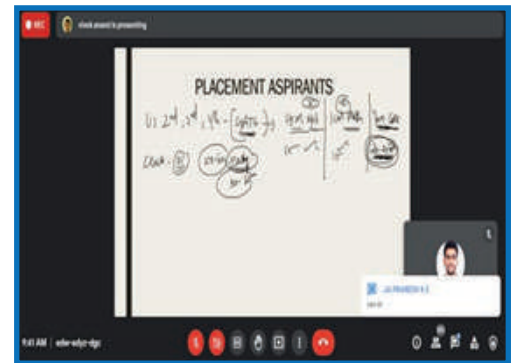
The session was organized via Google Meet and it was streamed live on YouTube. A total of 303 students attended the event.

IQAC – Youth Red Cross Society of BIT undertook a "Covid'19 prevention, immunity booster program", as a sustained measure to promote awareness of Covid and facemask utilization, from 21.09.2021 to 23.09.2021. YRC team students arranged the KABASURA KUDINEER in the college AS Block, BT Block Entrance and Exit point for the students and faculties. During the program, around 400 cups of KABASURA KUDINEER were distributed every day.

Navratri is a significant Hindu festival celebrated every year across the country. The auspicious nine-day Navratri Celebration began on 07.10.2021 at Yoga Hall. The celebration was organized by Women Development Cell Coordinators - Dr Bharathi A, Professor / IT, and Dr Maheswari K T, AP –II / EEE. Around 500 students and 200 faculty members joined the celebration. Navratri 2021 was celebrated with a divine and beautiful Golu display. Prasadham was distributed to the students and faculty members for all nine days. Many events were conducted by various clubs for students and children.

Saraswati Pooja is one of the most grandly celebrated festivals by Hindus across India. On the occasion of this festival, the Puja was celebrated with full devotion at Yoga Hall, on 13.10.2021 between 9.30 AM to 10.30 AM. The Pooja was attended by the Principal, Dean PDS, Professor of Academics, HoDs, staff, faculty and students of the Institution. The pooja was done with full zeal and fervor.
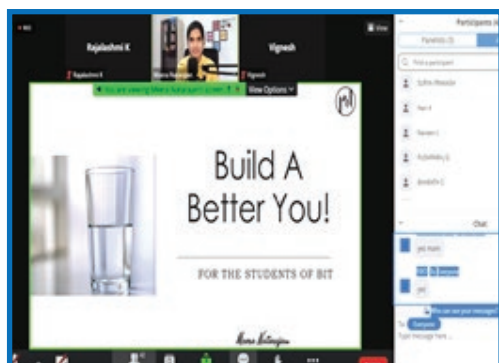
The IQAC organized a seminar on "Build a Better You" through the Bureau of Overseas Education (BOE) Club on October 28, 2021, from 03:30 PM to 04:30 PM for UG & PG students. Ms Meera Natarajan, Director – MGZ Edutech Pvt Ltd & Founder - Success Programming, Pune, was the resource person. The session was organized online and it was streamed live on YouTube. A total of 56 students attended the event.
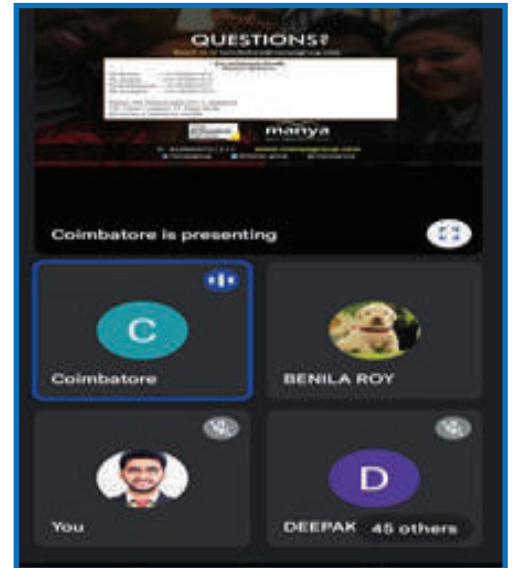
Every year "BHARATHI VIZHA " event is organized by Muthamizh Mandram. This year it was held from 09.12.2021 to 11.12.2021. The event was conducted online. Bharathi vizha is held annually in the college on behalf of the Muthamil forum to honor the heritage and culture of the

great poet Bharathiyar. The event was addressed by the Faculty coordinators, Mr Velmurugan and Mrs Ranjitham. Further, prize winners were felicitated with medals and cash awards. A total of 50 students participated and nine students received cash awards.

The webinar on "Know the GRE, IELTS & Opportunities for Admissions Abroad" was organized for undergraduate students on 23.12.2021 (Thursday) at 06.30 PM via virtual mode. The programme was addressed by the facilitator from Manya-The Princeton Review, Coimbatore. It was a great opportunity for students aspiring to pursue their post-graduation abroad. A total of 50 students attended the same. The webinar dealt with the GRE preparation, and the prerequisites required to get through admission tests for graduate and business schools in the US.

Every year "PONGAL VIZHA" event is organized by Muthamizh Mandram. The event is conducted to honour our culture and tradition. The Pongal celebration started at 5:00 AM. Dr Vijaykumar M P V (Honourable trustee retired IAS), Dr Palanisamy C(Principal), and Dr Sivakumar K(Dean-PDS) took part in the celebration and made this event a joyous one. Our Principal hoisted the Pongal Vizha flag. The event was conducted in the Agri field on January 12, 2022, from 9:30 AM to 12:00 PM. The ceremony commenced with the cow pooja. Further, kummi dance and silambam were performed during the event. Finally, the Pongal sweet was distributed to all.

The seminar on "GATE and Government Job Opportunities for Engineering Students" was organized by the Bureau of Overseas Education (BOE) Club in collaboration with IQAC on February 16, 2022, from 06:30 PM to 07:30 PM for UG & PG students. Mr R. Vivekanandan R, and Mr Educators, Unacademy. The session was organized via Google Meet. A total of 196 students attended the event.

Every year, various competitions are held in the college on behalf of Muthamil Forum to celebrate the Tamil language and culture on the occasion of mother tongue day on 09.03.2022. Various competitions like Poetry, Painting, Story Screenplay, and Bonmi were held for the first-year students. The names of the winners were displayed in the first-year commencement ceremony. A total of 42 students participated.

NSS-BIT in association with Unnat Bharat Abhiyan (UBA) and the Quarters Residents Welfare Association (QRWA) of BIT undertook an initiative to support the Covid-19 affected patients in the isolation centre at Government Hospital, Sathyamangalam, as a part of its social contribution. The contributions started on May 16, 2021, and continued till June 06, 2021. This was a much-needed initiative during the pandemic that contributed to the speedy recovery of Covid-19 patients.

On June 06, 2021, volunteers from BIT alongside Mr Suresh Kumar, police constable from Thirumurugan Poondi police station briefed on coronavirus, and safety measures to be taken during coronavirus. A complete lockdown for three days were announced and the rules to be followed during the lockdown were announced. Further, the importance of staying indoors and to avoid unnecessary usage of two wheelers and four wheelers during lockdown. Which could lead to the ceasing of the vehicle and cancellation of their driving licences.

A Volunteering activity was organized in collaboration with Thirumurugan Poondi police station from May 02, to June 05, 2021, at Anaipudur check post during second wave lockdown. The volunteer Mr Ajay rendered service from morning till night alongside local police officials Mr Suresh Kumar , Mr Yuvaraj and SI Mr Karthik, Vehicle checking, covid awareness and

traffic control were the main agenda. Mr Ajay A, alongside 15 staff members of Velampalayam, registered on Cowin website from June 12, to June 16, 2021, for a period of 5 days. More than 800 registrations were made.

NSS BIT organized a paper bag awareness event from July 31, to August 03, 2021, online. The aim of the event was to create awareness on the pollution caused due to plastic bags and the serious threat caused to the environment. The programme was organized under the guidance of NSS programme officers, Dr Vijayakumar V N, and Dr Praveena R, and Assistant NSS Programme officers Dr Mahudeswaran A, and

Dr Karthiga Shenbagam N. A total of 69 volunteers actively participated.

NSS-BIT under the UBA scheme conducted a campaign at NCLP School, Kundri on August 05, 2021. Faculty members alongside volunteers from the village completed the plumbing work, organized the materials at the school campus and distributed books, and stationary, for the students studying I - VIII standard.

NSS-BIT organized "Logo Designing Contest" on the account of "Women's Equality Day" alongside INTERNAL COMPLAINTS COMMITTEE from August 20, to August 26, 2021. The event spread awareness about the inequalities faced by women in the society. NSS volunteers as well as their neighbours and friends created hand drawn and digital logos. Around 212 volunteers (out of which 80 BITians and 132 other college students) participated.
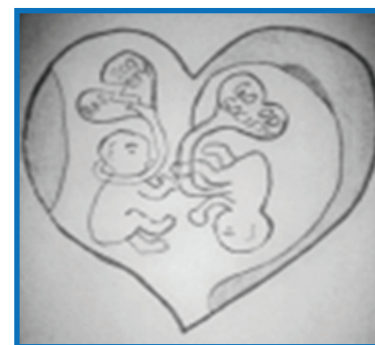
NSS BIT organized a 7-day tribal village upliftment camp from October 6 to October 12, 2021, in National Child Labour Special School(NCLSS) at Gundri. The NSS volunteers and the programme officers stayed in the school (constructed during previous tribal camps) for 7 days and carried out various developmental activities for the benefit of the school children and tribal people. A total of 40 volunteers participated in the camp. The camp was organized under the guidance of NSS programme officers Dr Vijayakumar V N, Dr Praveena R and assistant programme officers Dr Kavitha C and Dr Mahudeswaran A.

NSS BIT in collaboration with NCC BIT volunteered for the mega vaccination camp organized by the district administration on 12.09.2021 at 12 different locations in and around Sathyamangalam. The volunteers briefed on the seminal points to maintain the covid-19 safety procedures. They helped the front line workers in the registration and verification process for the vaccination camp on the Cowin website. A total of 36 volunteers actively participated in the vaccination camp.

NSS-BIT organized the "Fit India Walk/Run 2.0" from September 26, 2021, to October 02, 2021. Various indoor/outdoor activities were conducted adhering to all the safety measures. The event was monitored by the NSS Volunteers. It was a six-day event. Further, a guest lecture was organized to create awareness on fitness, by Ms SWATHI KRISHNAN, Accountability Partner/Business analytical coach. The guest lecture was on "MY PURPOSE OF LIFE IS MAKE FITNESS EASY FOR 'U'.

NSS-BIT organized a "Blood Donation Camp" on October 27, 2021. The dignitaries - Dr Sivakumar, from Gobi Government Hospital and Mr Jegatheeshwaran S, Health inspector, Ukkadam graced the occasion with their presence. The camp was

held from 09:30 AM and 1.30 PM in three slots at Physics Lab-I, Bannari amman institute of technology. Around 100 members including 11 NSS volunteers and 12 faculty members donated blood. Finally, 100 units of blood were collected.

NSS-BIT organized a BLOOD DONATION CAMP on December 21, 2021 at Physics Lab I. The camp was conducted from 09:30 AM till 01:00 PM. Around 93 donors volunteered and donated blood. The camp was organized with the support of Dr Sivashankar K, Government Hospital, Gobichettipalayam and Mr Jegatheeswaran S, Health Inspector, Ukkaram.

NSS-BIT Volunteers participated in the volunteering duty for Tamil Nadu Urban Local Body Elections held on February 18, and February 19, 2022, in Sathyamangalam. The interested volunteers gathered and went to the Sathy DSP Office. Further, instructions were conveyed regarding the election duty. On February 19th, the volunteers helped in setting up the booth alongside

election duty officers and policemen. Further, voting began at 07:00 AM. The volunteers offered assistance in vehicle parking, maintaining Covid-safety protocols and ensuring proper voting without any malpractice.

NSS-BIT organized a survey on March 10, 2022, (Thursday) in Ramabuylur to prepare for a 7-day camp planned during April 2022. Details like People count, Student count, Student requirements, the requirements of the people and their expectations and Literary position were collected. A total of 19 volunteers alongside the NSS Programme Officers conducted the survey and gathered the necessary details.

NSS-BIT members volunteered for a 7-day special camp with 150 students and three faculty coordinators from April 01, to April 07, 2022, and was conducted in "Ramabuylur" adhering to the guidelines of Anna University under the theme, "Valamana Gramangalae vallimaiyana Bharatham". School Campus cleaning, Mass cleaning, Scrubbing and Painting work was done to enhance the school ambiance.


NSS-BIT organized a "Blood Donation Camp "on May 14,2022. The occasion was graced by the presence of the dignitaries. Dr Shivasanker, Government hospital, Gobichettipalayam, Erode. The camp was conducted in three slots at Physics Lab-I, Bannari Amman Institute of Technology. Around 79 units of blood were collected in which 76 were students and 3 were faculty members. Further, the guests shared their positive feedback about the way the camp was organized.

Muthamizh Mandram conducts "Muthamizh Sangamam" event every year. This event was conducted for the college students all over Tamil Nadu to express their talents. A total of 358 registered for the event through Google form. The valediction ceremony was conducted on 09.04.2022 from 04:30 PM to 05:30 PM and the event was streamed live on Zoom.
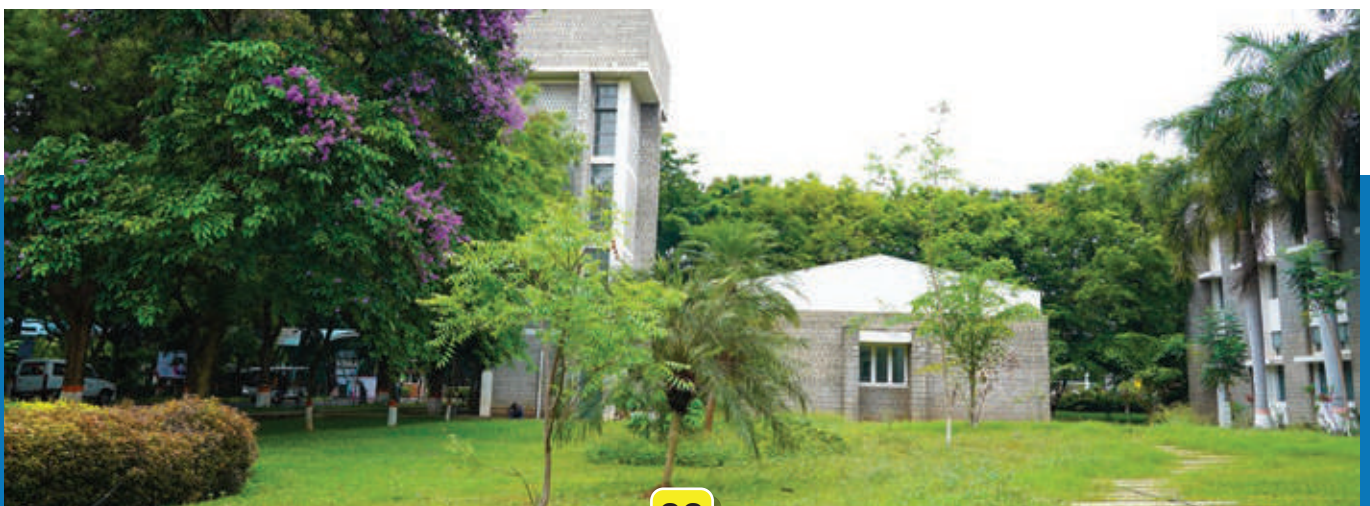
FACULTY TRAINING PROGRAMS

Mr Sudhir Kumar V, AP/BIT, attended a one-day Faculty Training Programme on "Auto Body Repair & Car Painting" at Lotus Hyundai, Body Shop, Erode. The various operations of paint preparation, application of adhesion promoters and primers, replacement of necessary welding on parts/panels, removing and aligning exterior or interior parts and panels, were demonstrated during the training programme.

Mr Deepankumar S (AU10414) and Mr Saravanan B (AU10611), Assistant Professors from the Department of Automobile Engineering, completed the Faculty Training Programme at Brakes India Private Limited, Polambakkam, from February 21, to February 26, 2022. The training module included designing, manufacturing machining, coating & painting, testing, and development of the types of brakes used in various automobiles.

Mr Raghunath M, attended the Festo training, the trainer course in mechatronics to prepare for the WorldSkills Competition. The training was organised at Festo Training Facility, Bengaluru.

Faculty members were trained by Lincoln Electric, Chennai, to aid students in the Worldskills. In this regard, four faculty members, one technician and one engineer trainee from the department of Mechanical Engineering were selected for the worldskill training.

A total of eight faculty members from various departments like Mechanical, EEE, EIE,and Mechatronics underwent a five-day WorldSkill training in Prototype Modelling and Mechatronics skills, offered by Toyota Kirloskar Motors, Bengaluru.

Dr Perarasi T, Ms Gayathri R, and Ms Shyamalaprasanna A, from the Department of ECE attended training on "RF Communication module implementation with USRP configuration" at Edutech India Pvt. Ltd, Chennai on 12.04.2022 and 13.04.2022.

Mr Rajesh Kumar S, and Mr Harwinder Singh from Technical Textile Special Laboratory, BIT, were trained on various innovations in the weaving industry with the help of Mr Karthik, Factory Manager, and Mr Duraimurugan, Managing Director, from M/s Jayamurugan Textiles, Thirunchengode, from 20.04.2022 to 26.04.2022

The Department of Electronics and Communication Engineering organised the Training on "VLSI Design Using Synopsys Tool" in collaboration with the Centre of Excellence (CoE) on 24.05.2022. The training was offered by Mr Praveen Kalashetty (Technical Engineer) and Mr Varun Gaikwad A S (Technical Engineer), Nanochip Solutions Pvt. Ltd, Bangalore. A total of ten students and eight faculty members from the ECE department participated in the training programme.

Faculty members Mr Ramachandra Raju, Mr Madeshwaran and Mr Suresh Kumar from the Department of Mechanical Engineering signed MoU with M/s Phillips Machine Tools India Pvt Ltd, Bangalore on 01.02.2022. The MoU facilitates collaboration in the areas of 3D printing, CNC technology and plastic moulding. A team of industry experts, Mr Sumeet Bengeri (General Manager) and Mr Arun (Sales Manager) visited BIT— special labs, Gurugulam, and Center of Excellence and appreciated the efforts of BIT.

Faculty members Dr Kannan K P and Dr Dinesh Kumar L from the department of Biotechnology and Fungal Diversity & Biomolecules Research Laboratory signed an MoU with Elies Biotech Pvt Ltd, Erode on 10.01.2022 to promote research activities, consultancy, conduction of knowledge programmes and development of placement activities.

Faculty members Dr Ganesh Babu C and Dr Arun Jayakar S, from the Department of Electronics and Instrumentation Engineering, signed an MoU with SICK India Private Limited, Borivali (East), Mumbai on 16.12.2021. The purpose of the MoU is to provide Industry and Institution interaction and to give an insight into the latest developments/requirements in metrology.

Power Conversion and System Integration Lab, alongside the Department of EEE, signed an MoU with Pentagon Switchgear Private Limited on 13.04.2022.
The MoU will facilitate hands-on training, guest lectures, product development, faculty training, student internship, industrial projects, and development of curriculum and syllabus.

Faculty members Dr Bazila Banu A and Mr Naveen R, from the department of Artificial Intelligence & Machine Learning and Data Science Lab, signed an MoU with Codebugged AI, Lucknow on 21.04.2022.

Faculty members Dr Ravikumar M, Mr Prakash K B, and Mr Chandrasekaran from the department of Mechanical Engineering signed an MoU with Mechzhaphire Engineering, Bangalore on 11.05.2022 to enhance the scope for placement and internship opportunities for the students.

As a part of the MoU, they offered an industrial project and encouraged people to work on R&D-related projects.

BIT signed an MoU with Mistral Solutions, Bangalore on 19.05.2022 to facilitate skills and Placement, Training for the students and faculty members, Special Lab support, Projects, Internship opportunities, and Guest lecture by experts, by the concerned authorities and the team members corroborated on the future prospects.

Faculty members Dr Sasikumar C, Mr Dinesh D, Mr Sundarraju G, and Mr Kamalbasha K from the Department of Mechanical Engineering signed an MoU with Carl Zeiss India Ltd, Bangalore on 23.05.2022. The major goal of the MoU is to enhance development, training, and consulting in

the fields of research microscopy, quality control, and education. Also, BIT and Zeiss will exchange students, instructors, and industry executives to improve overall competency in the aforementioned domains.

INDUSTRY TEAM VISIT TO BIT

Team members from Tata Consultancy Services visited BIT on 05.01.2022. The team comprised Ms Sundarakala – Head HR /Talent Acquisition; Ms Basileia Kietos Paul – Regional Head/Talent Acquisition and Mr Vignesh Paramasivam – Campus Hiring Lead, Tamil Nadu and Puducherry.

Mr K Ponmalai, Executive Chairman & Mr R Varun Karthikeyan, Managing Director of Roots Group of Companies visited BIT on 16.02.2022.
The purpose of the visit was aimed at exploring the opportunities to collaborate with BIT for product development.

Industry experts Mr Dharma Krishnan P, Chief Executive from Benzear Equipment from India Private Limited and Mr Mohan G R, Director from Compess Technologies visited BIT on 10.02.2022, Seeking Collaboration to carry out industrial projects, student training and consultancy work.

Mr Velumani, Divisional Manager - HR and Mr Babu, HR from Ashok Leyland Private Limited, Hosur, visited BIT on 22.02.2022. Faculty members and students demonstrated their innovative special lab products to the team from the Industry and the team suggested a few enhancements to the BIT Gurugulam processes.

Dr Deepa R (EI1993) Assistant professor-III/EIE, Dr Saravanan K (FT10424) Associate Professor/ FT, Mr Kumaresan K, JRF / EIE and Dr Zavei Hiese Member Secretary, (NASTEC Nagaland), Ms Melevolu Hiese NGO, (HILO Nagaland) visited the TRYTEX Machines Company, Coimbatore on 26.11.2021. They interacted with Mr .Subramaniam R M, (Proprietor) discussed the nettle fibre extraction on spinning machines.

Dr Vairavel K S, Asst. Prof. Level-III and Dr Rajasekar L, Asst. Prof. Level-III from the Department of EIE visited the Ponni Sugars, Seshasayee Paper & Boards Limited & SKM EGG Products Exports (India) Limited companies on 09.12.2021 in Erode to discuss the scope of the Industrial defined problems, Faculty training, Student internship, Student project, placement, & vconsultancy work on embedded systems & IoT.

Mr R Sathishkannan, ARVR Special Lab In charge, Mr Sudharshan A J (201CS308), II-CSE, Mr Suriya Prasath (182IT248), III-IT, visited Fusion VR, Chennai on 04.03.2022 to discuss with Dr CSS Bharathy, Founder of FusionVR. The discussions were about projects, placement, internships and Special Lab Development.


They also visited Truseve Enterprises Private Limited, Chennai on 04.03.2022 to discuss with Ms Sharmila, Manager. The discussions were about projects, placement, internships, demos of their products and Special Lab Development.

Faculty member Dr Poongodi C, Professor & Head, Department of ECE interacted with Mr Vivek A, Application Engineer from the ARK Infosolutions Private Limited, Bengaluru, on 01.04.2022. During the interaction, they discussed student internship, one-credit courses, faculty training, guest lectures and feedback on the curriculum and syllabi for ECE in the Regulations-2022.

Dr Jegadheeswaran S, Professor & Head and Mr Saravanan B, AP-II, Department of Automobile Engineering interacted with Mr Aditya Ghosh and Mr Shivam Singh Tomar, Experts from ISIEINDIA. Mr Shubham Varshney, Executive Officer (SDT), IS INDIA on 21.04.2022 to collaborate for skill and product development and to carry out internships, and training projects.

Faculty members from integrated AI and Sensors Lab interacted with Mr Surendran N, Project Manager of Ericsson Global Services India Pvt. Ltd, Coimbatore on 01.04.2022 and discussed the scope for research collaboration on start-up use-cases.
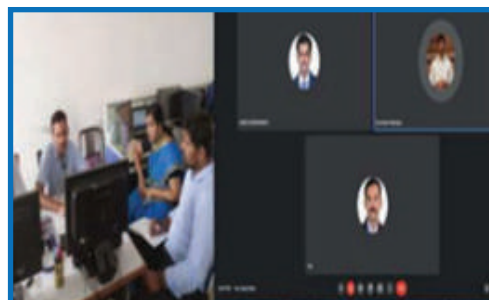
Faculty members Mr Vivek kumar P, Mr Soundrapandian E and Mr Jayakumar N from the Department of Mechanical Engineering. visited Wipro 3D, Bengaluru on 12.05.2022.
During the interaction, they discussed funding proposal submission alongside industry, knowledge transaction on metal printing and Internship program.

Faculty members Dr Sivaraman P, Dr Manojkumar P, Mr Santhosh kumar, Mr Vaideeswaran V from the department of EEE visited OPAL - RT Technologies Pvt ltd, Entuple Technologies Pvt Ltd and Hitachi India Pvt Ltd on 10.05.2022 and 11.05.2022.

During the visit, they discussed the development of the centre of excellence in BIT and the industrial experts demonstrated the OPAL-RT system and Semikron Module interfacing. Further, discussed MoU, scope for future projects, students internship & placements.

Faculty members Mr Parthasarathi P and Mr Suseendran S, from Department of CSE visited eNoah iSolution India Pvt Ltd, Knowledge Interactive Consultancy Services Pvt Ltd, Hoffensoft Cloud Service Pvt Ltd, Enthu Technology Solutions India Pvt Ltd, Tart Labs, Cloud Destinations, Solvers India. They discussed arranging in-Plant training, industrial Visit, internship, consultancy and placement drives.

COMPETENCY TRAINING PROGRAMS
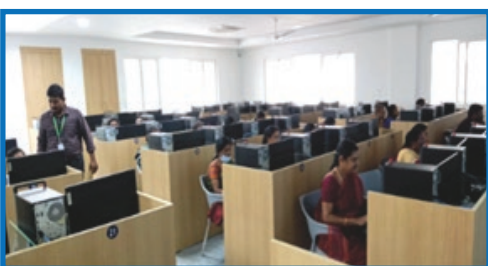
The Department of Information Technology organised a training programme on MS office (Excel, Google forms, Google sheets etc.,) for Data Entry Operators /Technicians on October 29, 2021.

The Session was handled by Mr Gokulnath B V, Assistant Professor, Department of Information Technology. A total of 24 Staff members participated in the program and interacted well with the resource person and acquired knowledge on MS word, PowerPoint Presentation (MS Office). The training includes an overview on the page alignment, page layout, section breaks,page layout involved in Ms word for easy understanding and how to create and present the content using powerpoint presentation.

A two - day hands-on "Safety Training Programme" was organised by the Department of Chemistry for 25 Non-teaching staff members on 29.10.21 and 01.11.21. Dr Muthukumar K, Professor / Mechanical Engineering trained the attendees on lab safety protocol, how to use fire extinguishers, how to work with electric and mechanical machineries, safety handling of hazardous chemicals, and disposal measures.

The aim of the training was to share insights into fire, working principles of fire extinguishers, different equipment available to control fire , how to react during fire accidents.

A five-day training on Photoshop was conducted for 11 non-teaching staff members from the IQAC team from 23.12.2021 to 05.01.2022. The session was handled by Mrs Jothimani S, AP/CSE. The training included an overview on the basics of photoshop, how to make poster design and certificate design using photoshop.

At the end of every session, an assessment was conducted to rate the staff members based on their performance.

A two - day hands-on "Safety Training Programme" was organised by the Department of Mechanical Engineering for 25 Non-teaching staff members on 03.01.2022 and 04.01.2022.

Dr Muthukumar K, Professor / Mechanical Engineering trained the attendees on lab safety protocol, how to use fire extinguishers, how to work with electric and mechanical machineries, safety handling of hazardous chemicals, and disposal measures.

The aim of the training was to share insights into fire, working principles of fire extinguishers,different equipment available to control fire , how to react during fire accidents.

The training on pivot table was offered by Dr Muruggapan S, PROF/SMS from January 05, to January 08, 2022, to 22 staff members. The session offered an overview of data manipulation and validation using pivot tables.

A two-day training programme on Personality Development - Slot 1 was conducted by Dr Murugappan S, Prof./SMS, Dr David Winster, AP-III/SMS, Mrs Nandhini B, AP/SMS, and Mr Prasanth A, AP/SMS on January 20, and January 21, 2022, to 16 non-teaching staff members. The training focused on interpersonal skills, means of communication and stress management.

A 20-day Spoken English Training was offered by Dr Caroline Cynthia P, AP/Humanities, from January 25, to February 24, 2022, to 18 staff members. The training offered an overview on grammar and its usages, ways to better conversation by using effective techniques.

A two-day training on Fire Safety measures was conducted by Dr Muthukumar K, Prof/ Mech, on February 01, and February 02, 2022, to 27 staff members. The training sessions centered on the concepts of science of fire, ways to use fire extinguishers to control fire, different equipment available to control fire, and the way to react during fire accidents.
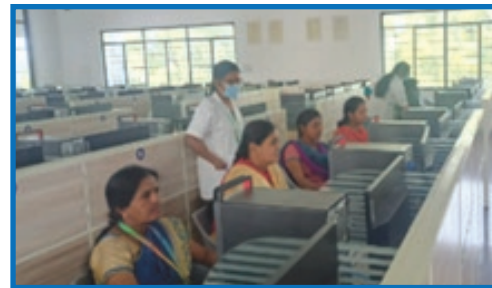

A two-day training programme on Personality Development Programme - Slot 2 was offered by Dr Murugappan S, Prof./SMS, Dr David Winster, AP-III/SMS, Mrs Nandhini B, AP /SMS, Mr Prasanth A, AP/SMS, on February 23, and February, 2022, to 13 non-teaching staff members. The training offered an overview on interpersonal skills, means of communication and stress management.

A 20-day Spoken English Training was offered by Dr Caroline Cynthia P, AP/Humanities, from March 04, to March 30, 2022, to 10 staff members. The training offered an overview on grammar and its usages, ways to have better conversation techniques, and ways to tackle people with better solutions.

A two-day training programme on Google forms and MS Excel was offered by Ms Janagi R, AP/CSE, and Mrs Lavanya C, AP/CSE, on March 11, and March 12, 2022, to 04 staff members. The training session offered insights into the usage of MS Excel for data validation, pivot table, formula applications and conditional formatting applications for easy understanding, creating and sharing google forms for data collection.

A two-day training programme on MS Word and PowerPoint Presentation (MS Office) for 09 staff members was conducted by Ms Janagi R, AP/CSE, and Ms Kalaivani E, AP/CSE, on March 31, and April 04, 2022. The session offered an overview on the page alignment, page layout, section breaks, page layout involved on MS word for easy understanding and to create and present the content using powerpoint presentation.

A one-day Safety Training cum First Aid Awareness Programme was conducted by Mrs Benny Venkataraman, Lay Lecturer in First Aid on April 04, 2022. A total of 41 staff members attended the session. The session dealt with the emergency and First aid measures to be given before reaching the hospital, and various aspects of treatments available based on severity.

A two-day Personality Development Programme - Slot 3 was conducted by Dr David Winster, AP-III/SMS, Mrs Nandhini B, AP/SMS, Mr Prasanth A, AP/SMS on the ways to communicate effectively, nonverbal communication, and etiquette to be followed at the workplace, and positive attitude.

A two-day Personality Development Programme - Slot 4 was conducted by Dr David Winster, AP-III/SMS, Mrs Nandhini B, AP/SMS, Mr Prasanth A, AP/SMS on March 31, and April 04, 2022, for 23 staff members. The attendees learned the ways to communicate effectively, and nonverbal communication, positive attitude, and etiquette to be followed at the workplace.

A two-day PCB Training was conducted for 08 Engineer trainees by Dr Elango S, AP-II/ECE and Mr Stephen Sagayaraj A, AP/ECE, November 12, and November 13, 2021. The session centered on the basics of PCB design, dos and don'ts in placement and routing, PCB fabrication, PCB Budgeting , CAM editing and soldering practice.

A one-day training programme on "Safety Training Programme" was organised by the Students and Faculty Competency team for 20 non-teaching staff members on July 09, 2022. Dr Muthukumar K, Professor /Mechanical Engineering, trained the attendees on lab safety protocol, to use fire extinguishers, to work with electric and mechanical machinery, safety handling of hazardous chemicals, and disposal measures.

The training aimed at offering basic understanding behind the science of fire, working principles of fire extinguishers, different equipment available to control fire, and the way to react during fire accidents and lab safety.

A two-day training programme on "Google Forms and MS Excel" was conducted for 10 interns by Ms Vaishnavi M, AP/CSE, Ms Kalaivani, AP/CSE, on July 15, and July 16, 2022. The training focused on the usage of Google forms – creation and evaluation, Google sheet – basic functions, Google sheet advanced functions, common and most needed operations in Word Documents.

A two-day Personality Development Programme - Slot 4 was conducted by Mr Sibi John A, AP-II/SMS , on July 19, and July 20, 2022, for 48 Security Guards. The attendees learned their rules & responsibilities with the help of the scenarios enacted, ways to communicate effectively, nonverbal communication, and etiquette to be followed at the workplace.

A one-day training programme on "Safety Training Programme" was organised by the students and Faculty Competency team for 17 non-teaching staff members on August 13, 2022. Dr Muthukumar K, Professor /Mechanical Engineering, trained the attendees on lab safety protocol, to use fire extinguishers, to work with electric and mechanical machinery, safety handling of hazardous chemicals, and disposal measures.

The training aimed at offering basic understanding behind the science of fire, working principles of fire extinguishers, different equipment available to control fire, and the way to react during fire accidents and lab safety.
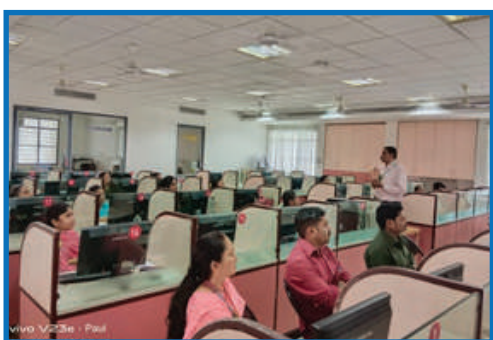
A one-day training programme on "Pivot Table" was organised by the students and Faculty Competency team for 21 non-teaching staff members on August 20, 2022. Dr Murugappan S, Professor/School of Management Studies, trained the attendees on the basics of MS Excel, Operations of Pivot Table and Power query in Pivot Table. The session offered an overview of data manipulation and validation using pivot tables.

NBA MOCK AUDITS

Sl.No	Audit	Date	Process
1	Mock Audit 1 by Internal Auditors	Criteria 1–7: 19.11.2021& 20.11.2021 Criteria 8-10: 04.12.2021	The documents and proofs for the data submitted to the NBA were verified during the audit
2	Mock Audit 2 by IQACCoordinator	30.11.2021 to 02.12.2021	The hard copies of the documents and proofs for the data submitted to the NBA were checked during the audit
3	Mock Audit 3 by Internal Auditors	Criteria 1–7: 27.12.2021 & 28.12.2021 Criteria 8–10: 25.01.2022	Program and Institute specific files were verified during the audit
4	Review on NBA Presentation by HoD(s)	29.01.2022	Remarks were shared to improve the presentation
5	Lab Mock Audit 1	28.01.2022	The auditors checked the documents and arrangements of each laboratory and suggested some modifications
6	Mock Review 1 by Dean PDS	08.02.2022	HoDs and Coordinators of Agricultural Engineering, Automobile Engineering, and Mechatronics attended the review and received the suggestions to be carried out
7	Mock Review 2 by Dean PDS - PPT Review	25.02.2022	Remarks were shared to improve the presentation
8	Mock Expert Team Visit	09.03.2022	Expert team reviewed the presentation by HoD, verified the P-file documents, discussed with Program faculty, and visited the laboratory as per NBA schedule

| Sl.No	Audit	Date	Process
9	Lab Mock Audit 2 by Dean PDS	24.03.2022	The HoDs and Coordinators of Agricultural Engineering, Automobile Engineering, and Mechatronics department presented files and explained various lab facilities available. Further, the equipment was also examined by Dean PDS.
10	Mock Audit 4 & 5 for Criteria 8, 9, & 10	02.05.2022& 18.05.2022	The Physics, Chemistry and Maths department presented the files. The documents and proofs submitted for the NBA were checked and recommended the required corrections.
11	Criteria Wise Review I	23.04.2022	The HoDs and Coordinators of EIE and IT departments presented the criteria wise documents. The IQAC Coordinator suggested a few remarks
12	Compliance Report – Proof Verification Audit 1	09.05.2022	The documents and proofs submitted were checked
13	Compliance Report – Proof Verification Audit 2	18.05.2022	The documents and proofs submitted were verified by the internal auditors
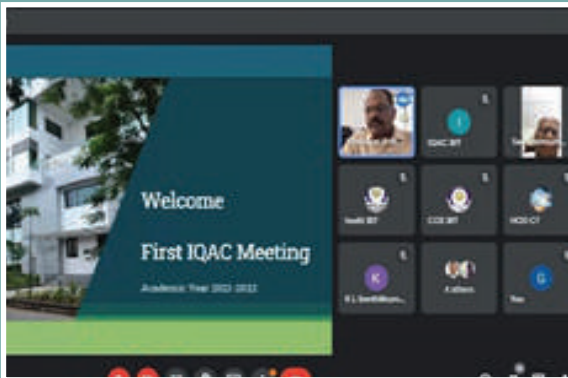
1st Quarter Meeting
Year : 2021-22
Date : 19.11.2021

The queries of the external members were clarified by the Principal and the Head-IQAC. Further, valuable suggestions were taken into consideration.
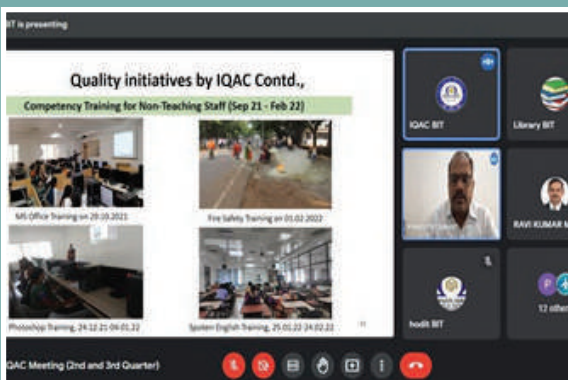
2nd & 3rd Quarter Meeting
Year : 2021-22
Date : 11.03.2021

The principal initiated the meeting and handed over the proceedings to Head-IQAC, to take up the agenda for the meeting. The external members gave their suggestions to be implemented in the next meeting.

4th Quarter Meeting
Year : 2021-22
Date : 16.07.2021

The IQAC Coordinator discussed the confirmation and approval of previous IQAC meeting minutes, report of action taken, academic related activities, Quality initiatives by IQAC, analysis of feedback received from students, achievements through IQAC Quality initiatives and forthcoming activities of IQAC.

Summary of all the Activities

Number of Activities Conducted in the AY 2021 - 22

Legend:
- Quality Events (Department)
- Clubs & Societies
- FTPs
- MoUs
- Industry Team Visit to BIT
- IRP Visit
- Competency Programs
- NBA Mock Reviews
- IQAC Meetings

Values shown in chart: 17, 27, 8, 8, 4, 9, 21, 13, 2