



Adi Shankara

INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE & Affiliated to APJ Abdul Kalam
Technological University
(Owned by Adi Sankara Trust)

Annual Report 2022-2023

ADI SHANKARA
INSTITUTE OF
ENGINEERING & TECHNOLOGY

www.adishankara.ac.in
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B.Tech Programs (CSE,ECE,EEE & ME)
Accredited till 30.06.2025
(Ref - F.No.26-56-2016-NBA,
Dt : 26/08/2022)

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INTERNAL QUALITY ASSURANCE CELL

About IQAC

The IQAC, stands for the Internal Quality Assurance Cell, which is a mechanism that exists within educational institutions, specifically higher education institutions. Its primary purpose is to ensure and improve the quality of education and overall functioning of the institution. IQACs are typically established based on guidelines provided by quality assurance bodies such as the National Assessment and Accreditation Council (NAAC) in India. At Adi Shankara Institute of Engineering & Technology (ASIET), the IQAC has been operating since 2018. It operates in close coordination with administrative heads and plays a pivotal role in coordinating activities related to quality assurance. Additionally, it facilitates institutional planning and development, as well as the dissemination of information regarding quality aspects.

Vision

- To develop a self-sustained and consistent system of practices in the institution assuring the quality of higher education through continued assessments and improvements

Mission

- To manage and lead the activities pertaining to academic as well as administrative domains of the institution towards achieving academic Excellence.
- To serve as a catalyst for quality improvement by developing intervention strategies to address shortcomings and enhance overall quality.

Objectives of IQAC

- Promoting pedagogical innovation and encouraging innovative teaching practices among the staff through staff development initiatives.
- Encouraging the use of e-resources and Learning Management Systems (LMS) for teaching and learning purposes.
- Conducting Academic and Administrative Audits (AAA) to ensure the effective functioning of the institution.
- Participating in surveys and assessments conducted by organizations like NIRF, NAAC, NBA for accreditation and rankings.



- Engaging in the international accreditation process to enhance global recognition and standards.
- Monitoring student progress and implementing a mentoring system for their academic and personal development.
- Organizing relevant seminars, workshops, industrial visits, and educational trips for students.
- Strengthening the Career Guidance and Placement Cell to enhance student's employability.
- Encouraging students to excel in various sports events and promoting a culture of physical fitness.
- Motivating faculty members to publish journals of international standards and adhere to UGC guidelines.
- Implementing feedback systems to gather input on faculty, curriculum, institutional performance, library facilities, and hostel facilities.
- Gathering feedback from parents, alumni, and employers to improve overall institutional functioning.
- Organizing annual Parents-Teachers Meetings to facilitate communication and collaboration.
- Engaging students in constructive and sensitive community services.
- Instilling a sense of social responsibility among students, teaching, and non-teaching members by extending help to marginalized communities through outreach activities.
- Sensitizing students towards national causes and nurturing their civic consciousness.
- Developing linkages and facilitating collaborations with national and global universities, institutions, industry and research organizations to promote research and academic collaborations.
- Organizing industry-academia meets to foster a holistic growth of academics through industry interactions.
- Facilitating the expansion of revenue sources through consultancy services.
- Assisting faculty members in applying to different state and central funding agencies for research projects.



Members of IQAC

Chairperson	Dr. Suresh Kumar V / Prof. K T Subramnian / Dr. Sreepriya S (Principal)
Management Representative:	Prof. C. P. Jaisankar, (Chief Operations Officer, Adi Shankara Group of Institutions)
Administration Representative	Mr. Mohanan, Senior Superintendent
IQAC Head	Dr. Jayasree Santhosh, Prof and Head, Dept. of EB Dr. Sreepriya S, Assoc. Prof., Dept. of RA Dr. Bobby Mathews C, Prof, Dept. of ECE
IQAC Core Team	Prof. Divya V Chandran, Asst. Prof, Dept. of ECE
IQAC Core Team	Prof. Sumesh M S, Asst. Prof, Dept. of CSE
NBA Coordinator	Prof. R Rajaram, Dean Projects and Consultancy
NAAC Coordinator	Prof. Albins Paul, Asst. Prof, Dept. of ECE
Department Representatives	Prof. Ranjeesh R Chandran, Asst. Prof, Dept. of RA
	Dr. Gangadevi T R, Assoc. Prof, Dept. of BSH
	Prof. Simi M S, Asst. Prof, Dept. of CSE
	Prof. Anila S, Asst. Prof, Dept. of CSE
	Prof. Divya K S, Asst. Prof, Dept. of CSE
	Prof. Abishek Kumar A A, Asst. Prof, Dept. of CE
	Prof. Eldho Mathew, Asst. Prof, Dept. of ME
	Prof. Nimmy Vijayan, Asst. Prof, Dept. of EB
	Prof. Sabitha M G, Asst. Prof, Dept. of CSE(AI)
	Prof. Renjith K R, Asst. Prof, Dept. of MBA
	Prof. Archana Aniyan, Asst. Prof, Dept. of ECE
	Prof. Prajeesh P A, Asst. Prof, Dept. of ECE
	Prof. Anna Baby, Asst. Prof, Dept. of EEE
Dean PG Programmes	Dr. Bipin P R, Assoc. Prof, Dept. of ECE
Dean UG Programmes	Dr. Jithesh K, Assoc. Prof, Dept. of ME
Dean Campus Affairs	Dr. Eldhose K K, HOD ME
Dean Research and Development	Dr. Bobby Mathews C, Prof, Dept. of ECE
IEEE, Student Branch Counsellor	Prof. Aswathy N, Asst. Prof, Dept. of ECE
Alumni Representative	Mr. Vishnu Varma
Local Society Representative	Ms. Vanajakumari
Student Representative	College Union Chairman
Student Representative	College Union Vice Chairman



NATIONAL AWARDS

- **BEST NSS UNIT**
- **BEST PROGRAM OFFICER**

Adi Shankara Trust Managing Trustee Sri. K. Anand and NSS Programme officer Prof. Sijo George received the two NSS National Awards from Hon'ble President of India Smt. Droupadi Murmu on September 24, 2022.



Adi Shankara Institute of Engineering and Technology was recognised for hosting the Best NSS Unit and for having the Best NSS Programme Officer, Prof. Sijo George at the helm of various social service activities. Adi Shankara Institute of Engineering and Technology more popularly known by its acronym, ASIET, had initiated several creditable social service activities during the past several years under the leadership of its Programme Officers, Team of Students, Staff members and its apex body, Adi Shankara Trust under the stewardship of Sri K. Anand, the Managing Trustee.



ACADEMIC AFFAIRS

The academic year 2022-2023 witnessed a large no of activities and accomplishments for Adi Shankara Institute of Engineering and Technology. The activities were so profound to spread the essence of existence of ASIET around the world.

ACCREDITATIONS

- **NBA ACCREDITATION**

- The NBA audit expert team visited all the 4 accredited departments; CSE, ECE, EE & ME for the NBA compliance audit on 9th July 2022. The Accreditation was extended further for a period of 3 more academic years till 30.06.25
[\(Ref - F.No.26-56-2016-NBA, Dt : 26/08/2022\)](#)
- CE dept. has applied for NBA Accreditation and the SAR was uploaded on 09/06/23. Fine tuning of the documentation and other preparatory works are going on in full swing.

- **NAAC ACCREDITATION**

Preparatory works for the NAAC Accreditation is going on.

AUDITS

Internal Audit

Internal audits on the academic activities were conducted as scheduled by IQAC were conducted on 26th to 27th Oct 2022, from 24th to 26th May 2023.

KTU Audit

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



PROGRAMS OFFERED

Program Name	Program Code	Number of seats sanctioned
B.Tech CIVIL ENGINEERING	CE	60
B Tech COMPUTER SCIENCE ENGINEERING	CSE	120
B.Tech COMPUTER SCIENCE & ENGINEERING (ARTIFICIAL INTELLIGENCE)	CT	60
B.Tech ELECTRONICS AND BIOMEDICAL ENGINEERING	EB	60
B.Tech ELECTRONICS AND COMMUNICATION ENGINEERING	ECE	90
B.Tech ELECTRICAL AND ELECTRONICS Engineering	EEE	60
B.Tech MECHANICAL ENGINEERING	ME	90
B.Tech ROBOTICS AND AUTOMATON	RA	60
M.Tech COMPUTER SCIENCE ENGINEERING	M.Tech CS	18
M.Tech COMMUNICATION ENGINEERING	M.Tech CE	18
M.Tech VLSI AND EMBEDDED SYSTEMS	M.Tech VLSI	18
M.Tech POWER ELECTRONICS AND POWER SYSTEMS	M.Tech PEPS	18
MASTER OF BUSINESS ADMINISTRATION	MBA	120

S8 RESULT (2018-22 Batch)

Sl No	Dept.	No. of Students Registered for Final Semester Examination	No. of Students Passed Final Semester Examination	Pass Percentage
1	AE	47	32	68.0
2	CE	52	36	69.0
3	CS	107	87	81.31
4	EC	81	72	89.0
5	EEE	44	35	79.0
6	ME	110	78	71.0



INTERNATIONAL CONFERENCE - ACCESS '23

The 3rd International Conference on Advances in Computing, Communication, Embedded and Secure Systems ACCESS '23 was organised by Department of ECE, ASIET during May 18th – 20th, 2023.

The paper presentations were scheduled during the 3 days in 10 sessions, in online mode under 5 tracks: Communication & Networking, Computational Intelligence, Computer vision and Signal processing, Robotics and Biomedical Engineering, and Security & Computing Technologies. The Chairs of the conference from various reputed organizations evaluated each presentation. The paper presentations were organized. A total of 220 papers were received, out of which 62 papers were selected; with a 28% acceptance ratio and 2 of them were from USA and Iran. Out of the received papers 38 articles were from outside Kerala. All the accepted and presented papers will be published in IEEE Xplore.

Apart from paper presentations, we had 3 renowned speakers as keynote speakers. The first keynote address was delivered by Dr. Balaji Sreenivasan, Professor, IIT Madras, Chennai, India on 18th May on the topic Distributed Fiber Sensors - A Paradigm Shift in Cyber Physical Systems. It was followed by session on Generative AI and Cyber Security by Dr. Hari M Koduvely, Senior Data Scientist, Open Text, Ontario, Canada on 19th May. The third session was on 20th May on the topic Interpretable Machine Learning by Dr. Abraham Varghese, University of Technology and Applied Sciences, Sultanate of Oman, Muscat, Oman

Published papers are available in IEEE Xplore: [ACCESS '23](#)



ACCESS '23

3rd International Conference on

ADVANCES IN COMPUTING, COMMUNICATION, EMBEDDED AND SECURE SYSTEMS

Organized by
Department of Electronics and Communication Engineering
Adi Shankara Institute of Engineering and Technology, Kalady, Kerala, India
Technically sponsored by
IEEE Kerala Section

Virtual Mode



CALL FOR PAPERS

ACCESS '23 encourages full paper article submission in futuristic next generation technologies related to, but not limited to the topics listed. All accepted papers shall be submitted to IEEE for publication in IEEE Xplore.

Topics include:

- Cyber Physical Systems and IoT
- Computer Science and Big data
- Artificial Intelligence
- Machine Learning
- Block Chain
- Data Analytics
- Computing (Cloud, Cluster, Grid, Soft, Edge, Fog, Quantum etc)
- Reconfigurable systems, MEMS/NEMS
- Networking Protocols and communication (mm Wave technologies, Cognitive Radio, Spectrum Management, WBAN, Multi Carrier M2M communication, etc)
- Signal and Image Processing
- Data Security/Information Assurance

Publication: **IEEE Xplore**

Important dates:

Submission of full paper:
January 25, 2023

Notification of acceptance:
March 03, 2023

Registration due date:
April 03, 2023

Camera-ready submission:
April 18, 2023

Conference dates:
May 18 - 20, 2023

Submit the full paper here:

<https://www.ieee.org/conferences/publishing/submit-access23>

Visit us at: www.access23.in

Contact: **Dr. Bipin P W** (+919655228850)
Email: access23@adishankara.ac.in

ACCESS '23

3rd International Conference on

ADVANCES IN COMPUTING, COMMUNICATION, EMBEDDED AND SECURE SYSTEMS

May 18 - 20, 2023

Organized by: Department of Electronics and Communication Engineering
Adi Shankara Institute of Engineering and Technology, Kalady, Kerala, India
Technically sponsored by: IEEE Kerala Section

KEYNOTE SPEAKERS



Dr. Balaji Srinivasan
Professor,
IIT Madras, Chennai, India.



Mr. Bijoy Pankajakshan
Executive Vice President,
Massport, Texas, USA.



Dr. Abraham Varghese
University of Technology
and Applied Sciences,
Shawab, Suburb of Cairo.



Dr. Hari Koduvell
Senior Data Scientist,
Microsoft,
Ottawa, Ontario, Canada.

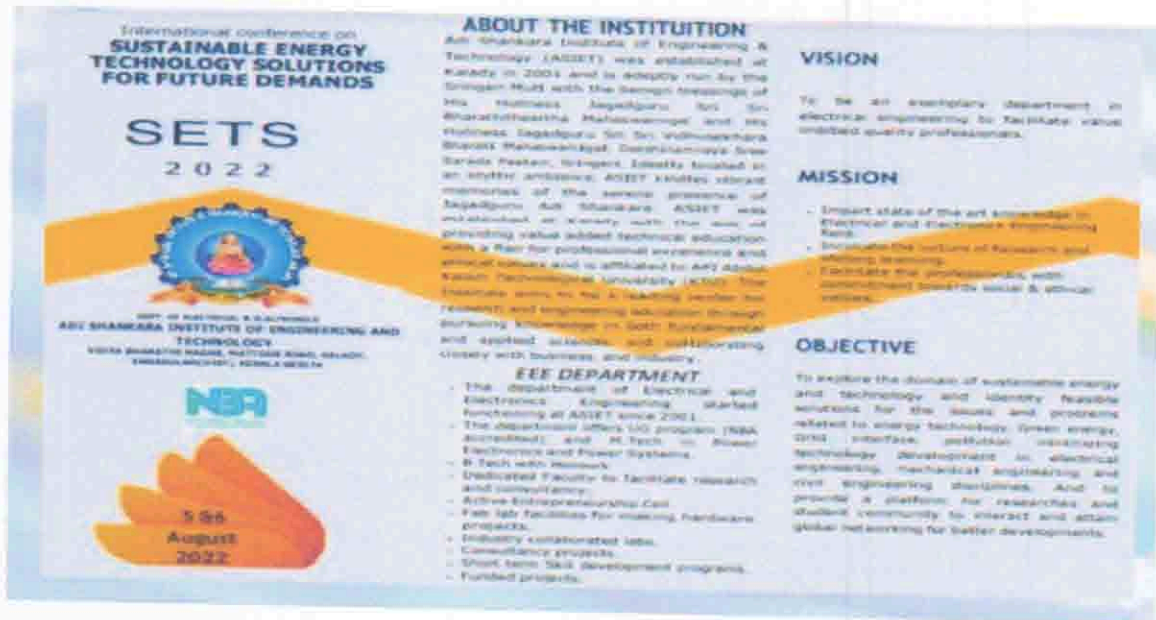
Visit us at:

www.access23.in



INTERNATIONAL CONFERENCE - ICSETS 2022

EEE Department organized an International conference on "Sustainable Energy Technology Solutions For Future Demands" - ICSETS 2022; on 5th and 6th of August 2022. The conference was conducted in online mode zoom platform. Out of 47 papers received 27 papers were selected for presentation.



KTU SPONSORED FDP - Artificial Intelligence and Machine Learning in Manufacturing

APJ AKTU Sponsored FDP on 'Artificial Intelligence and Machine Learning in Manufacturing' was organised by Dept. of Mechanical Engineering, during 18th to 20th Jan 2023. Around 30 participants from various educational institutions under KTU attended the sessions.



Brochure

Participants



KTU SPONSORED FDP - ML and DL Applications in Computer Vision

APJ AKTU Sponsored FDP on 'ML and DL Applications in Computer Vision' was organised by Dept. of Electronics and Communication Engineering, during 30th Dec 2022 to 03rd Jan 2023. Around 40 participants from various educational institutions under KTU attended the sessions.



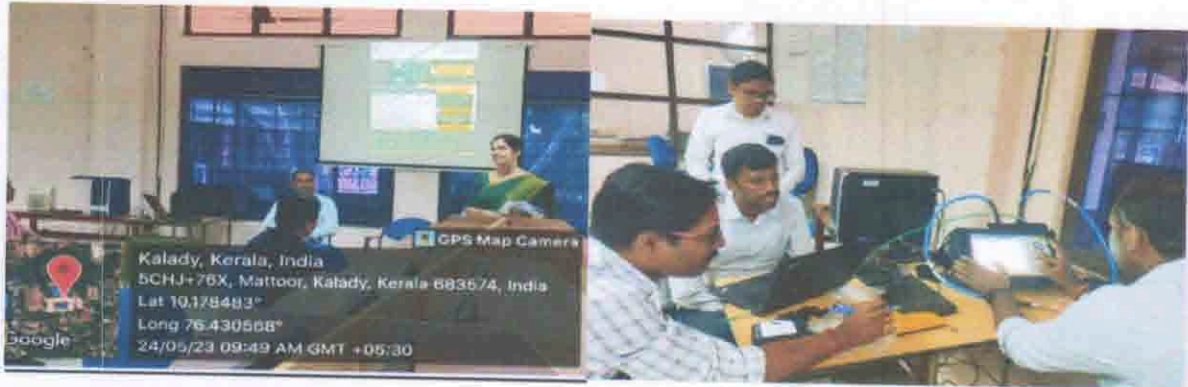
FDP on AI Algorithms

An FDP on AI Algorithms was organised by Dept. of Computer Science and Engineering on 14th Nov 2022 and 15th Nov 2022. Around 35 participants from neighbouring institutions and ASIET attended the program.



FDP on Antenna Design and Measurement

An FDP on 'Antenna Design and Measurement' was organised by Dept. of Electronics and Communication Engineering, during 24th May 2023 & 25th May 2023. Around 30 participants from various educational institutions under KTU attended the sessions.



GAMEATHON


Adi Shankara Gameathon, an exciting event that brought together bright and innovative minds in game development was held from March 28th to March 30th, 2023. With over 150 delegates from across India participating in the competition, the event showcased the best and most creative ideas in the gaming industry. The gameathon was organized in collaboration with Tiltlabs, an international product realization company which provided valuable mentorship and guidance to participants, helping them refine their game development skills and create high-quality games. Participants had the opportunity to access the latest game development tools and technologies, which empowered them to build innovative, engaging, and visually stunning games.



The competitions were judged by experts from TiltLabs and AIC-JIT, who evaluated the games based on a range of criteria including gameplay, graphics, user experience, and creativity. Of the 28 teams competed in the final round, Srishti Sinha, Maaz Faizan, and Hemanth Vignesh from Jain University, Bangalore, emerged as the winners. The first runners-up were a team of final-year computer science students, Gokul Krishnan C M, Royal Babu, and Aman Umer from AASET.

The winners were awarded a cash prize of one lakh rupees and certificates. The awards were presented by Padmasree Dr. V R Gowrishankar, Administrator and CEO of Sringeri Mutt.

The game development boot camp was conducted jointly by Tiltlabs and Adi Shankara College, with the aim of equipping participants with the necessary skills and knowledge needed to create their own games. The boot camp was structured to provide online lectures and coaching sessions to the participants, followed by the Adi Shankara gameathon where they could showcase their game development skills. The boot camp was structured in two batches, with the first batch commencing on 05/03/23 and the second batch on 16/03/23. Prior to the gameathon, participants were enrolled in the boot camp and were given 40 hours of training. Adi Shankara Gameathon was a resounding success, and it highlighted the immense potential of the gaming industry in India. The competition showcased some truly exceptional ideas and demonstrated the creativity and talent of young game developers. The event was a testament to the power of innovation and collaboration, and it is sure to inspire future generations of game developers to push the boundaries of what is possible in the world of gaming.



The poster for the Adi Shankara Gameathon 2023 features a dark background with a glowing blue and yellow abstract design. At the top left, the Adi Shankara logo is displayed. The text on the poster includes: 'Adi Shankara INSTITUTE OF ENGINEERING AND TECHNOLOGY', 'DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING & DEPARTMENT OF ARTIFICIAL INTELLIGENCE PRESENTS', 'ADI SHANKARA GAMEATHON 2023', '#ideate_innovative_incubate_your_dreams', 'PRIZES WORTH 2.5L (\$3000)', and 'MARCH 28|29|30'. At the bottom, logos for TiltLabs, TiltCode, and AASET are visible.



INAUGURAL FUNCTION



VALEDICTORY FUNCTION



ആദിശങ്കരയിൽ ദേശീയ ഗെയിമത്തോൺ

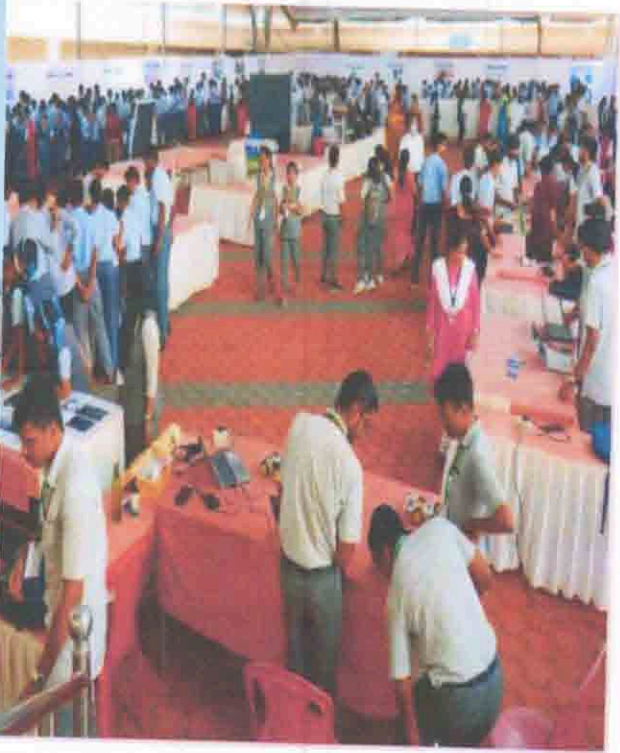
കാലടി ആദിശങ്കര ഇൻസ്റ്റിറ്റ്യൂട്ട് ഓഫ് എൻജിനീയറിംഗിന് ആദ്യ ടെക്നോളജിയിൽ ദേശീയ ഗെയിമത്തോൺ ആരംഭിച്ചു. പ്രിൻസിപ്പാൾ പ്രൊഫ. കെ. ടി. സുബ്രഹ്മണ്യൻ ഉദ്ഘാടനം ചെയ്തു. ചീഫ് ഓപ്പറേറ്റിങ് ഓഫീസർ പ്രൊഫ. സി.പി. ജയശങ്കർ, പ്രൊഫ. ആർ. രാജറാം, പ്രൊഫ. ടി.ജി.ജി. പ്രൊഫ. പി.വി. രാജാമൺ, ഡോ.ജി.ആർ. കിഷോർ (ജ്യോതി ഇൻസ്റ്റിറ്റ്യൂട്ട് ബാഗ്ലൂരിയിൽ) ഏകദേശം ഡയറക്ടർ നിഖിൽ ചന്ദ്രൻ തുടങ്ങിയവർ സന്നിഹിതരായിരുന്നു. ഇന്ത്യയിലെ വിവിധ കോളേജുകളിൽ നിന്നുമായി 150 ഓളം ടീമുകൾ ഗെയിമത്തോണിൽ പങ്കെടുക്കുന്നു. മികച്ച ഗെയിമുകൾ വികസിപ്പിക്കുന്ന ടീമുകൾക്ക് സമാപന ദിനത്തിൽ പുരസ്കാരങ്ങളും, ക്യാഷ് അവാർഡുകളും വിതരണം ചെയ്യും. ആദിശങ്കരയിൽ ഒരു വർഷം നീളുന്ന ദേശീയ ഹാക്കിത്തോണിന്റെ



ആദിശങ്കരയിൽ നടക്കുന്ന ദേശീയ ഗെയിമത്തോൺ പ്രിൻസിപ്പാൾ പ്രൊഫ. കെ. ടി. സുബ്രഹ്മണ്യൻ ഉദ്ഘാടനം ചെയ്യുന്നു. പ്രാരംഭഘട്ടമാണ് ഗെയിമത്തോൺ. 15 ലക്ഷം രൂപയാണ് ഹാക്കിത്തോണിന് സമാനമായി നൽകുന്നത്.

ASPREN '23 - Project Exhibition of Final Year Students

An exhibition and competition of the selected Project works of the final year students from all departments were organised on 23rd June 2023. The teams showcased thneir working models and were evaluated by jury panel comprising of experts in and out of ASIET.



RESEARCH & INNOVATION

A. List of Funds Received

Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during 2021-2022 (INR in Lakhs)

Academic Year	2022-23
Number	5
INR in Lakhs	8.52

List of grants received from Government and non-governmental agencies for research projects, endowments in the institution during the 2022-2023 are given below

Sl No	Name of the research project/ endowment	Name of the Principal Investigator /Co-investigator	Department of Principal Investigator	Amount Sanctioned	Name of the Funding Agency	Type (Govt /non-Govt)
1	Innovation and Entrepreneurship Activity Fund	Ajay Basil Varghese	CSE	200000	Kerala Startup Mission	Government
2	Desulphating battery charger	Dr. P. Jenopaul	EEE	15000	IIT Dharwad, and SELCO Foundation	Non-Government
3	Idea Grant (Recycle Waste Management Solution)	Ajay Basil Varghese	CSE	50000	Kerala Startup Mission	Government
4	Idea Grant (Tutti Qui)	Ajay Basil Varghese	CSE	100000	Kerala Startup Mission	Government
5	Cluster Development	Dr. Anitha Thomas, Mr. Nimal C N	MBA	487000	KDISC	Government



B. Publications

Research papers published in the Journals notified on UGC website are listed below

Sl No.	Title of Article	Name of Faculty Member	Dept.	Journal
1	Production of Lightweight Aggregates for Construction Industry from Industrial Byproducts: A Review	Dr. Manu S. Nadesan, Abin Joy	CE	Advances in Sustainable Materials and Resilient Infrastructure
2	Enhancement in California bearing ratio values of expansive soil sub-grade using bagasse ash and Geosynthetics	Dr. A N Swaminathen	CE	Indian journal of environmental protection
3	Utilization of Flyash in the construction industry to overcome environmental hazards - A review	Dr. A N Swaminathen	CE	International Journal of food and nutritional sciences
4	RPCA and wavelet packet decomposition based network traffic anomaly detection	Arya C V et.al.	EBE	IEEE INDICON
5	Vegetation Scanning Using LiDAR-Based Drone	Divya V Chandran et.al.	ECE	International Journal of Scientific Research in Computer science, Engineering and information Technology
6	Review on role of nanoscale HfO ₂ switching material in resistive random access memory device	Aswathy N et.al.	ECE	Emergent Materials, Springer Nature
7	A survey and taxonomy on mutual interference mitigation techniques in wireless body area networks	Neethu Suman et.al.	ECE	Healthcare Monitoring and Data Analysis Using IoT
8	Trust-based secure routing and message delivery protocol for signal processing attacks in IoT applications.	Ragesh G.K., Kumar, A.	ECE	The Journal of Supercomputing
9	Mixer Design for Global Navigation Satellite System	M. G. Sukanya, Prameela B	ECE	Grenze International Journal of Engineering and Technology
10	Integrating Nanomaterial and High-Performance Fuzzy-Based Machine	Tony George et.al	EEE	Journal of Nano material



	Learning Approach for Green Energy Conversion			
11	Classification of covid patient image dataset using modified deep convolutional neural network system	Jeno Paul, P et.al.	EEE	Bulletin of Electrical Engineering and Informatics
12	Auto-encoder and bidirectional long short-term memory based automated arrhythmia classification for ECG signal	Jeno Paul, P et.al.	EEE	Biomedical Signal Processing and Control
13	High gain DC-DC converter using switched inductor and capacitor technique for micro grid application	Gomathy S, Remya K P	EEE	Stochastic Modeling & Applications'
14	Design and Development of a High-Gain Bi Directional DC-DC Converter with reduced ripple for UPS Application	Rajitha A R, Rajalakshmy S	EEE	Stochastic Modeling & Applications'
15	A high efficient ac/dc converter with pi controller and pfc capability	Akhila K, Suburamoniyan S	EEE	Stochastic Modeling & Applications'
16	A Modified Electric Vehicle Charger Topology with Bidirectional Capability For EV Application	Dr. Tony George, Nayana J	EEE	Stochastic Modeling & Applications'
17	Closed Loop Control Strategy for Quasi Resonant Sepic Converter for Solar Photovoltaic Applications	Sreehari S, Alan Mathew George	EEE	Stochastic Modeling & Applications'
18	Performing the classification of pulsation cardiac beats automatically by using CNN with various dimensions of kernels	Gomathy Sankaraiyer	EEE	International Journal of Reconfigurable and Embedded Systems (IJRES)
19	Hysteresis Based Quasi Fixed Frequency Current Control of Single Phase Full Bridge Grid Integrated Voltage Source Inverter	Deepa Sankar et.al.	EEE	Energies
20	Classification of covid patient image dataset using modified deep convolutional neural network system	Jeno Paul.P et	EEE	Bulletin of Electrical Engineering and Informatics



21	Performing the classification of pulsation cardiac beats automatically by using CNN with various dimensions of kernels	Gomathy Sankaraiyer	EEE	International Journal of Reconfigurable and Embedded Systems (IJRES)
22	Auto-encoder and bidirectional long short-term memory based automated arrhythmia classification for ECG signal	Jenopaul. P, M. Ramkumar et.al.	EEE	Biomedical Signal Processing and Control
23	Hysteresis Based Quasi Fixed Frequency Current Control of Single Phase Full Bridge Grid Integrated Voltage Source Inverter	Deepa Sankar, Suhara Ekkarakkudy Makkar	EEE	Energies
24	An analysis of foreign direct investment theories	Dr. Madhu.C.S	MBA	International Journal of Innovative Physical Research in Engineering & Multidisciplinary
25	Relevance of shipping terms	Dr. Madhu.C.S	MBA	A Journal Of Emerging Tech & Innovative Research
26	How to reduce financial risks in exports?	Dr. Madhu.C.S	MBA	International Journal of All Research Education and Scientific Methods
27	Modelling the Interaction Between Serious Leisure, Self-Perceived Employability, Stress, and Workplace Well-being: Empirical Insights from Graduates in India	Nimmi P M, William Donald E	MBA	Personnel Review
28	Enhancing employee wellbeing - An employability perspective.	Nimmi P M, Zakkariya K A, ANju VArghese Philip	MBA	Benchmarking: An International Journal
29	Portraying Women in Advertisements: An analogy between past and present	Vignesh Karthik S.A., Dr.Thangaraja Arumugam	MBA	American Journal of Economics and Sociology
30	Additional Skills Acquisition Programme (ASAP) project: the case of an employability enhancement initiative in India	Nimmi P M, Paul V Mathew, William E Donald	MBA	journal of international education in business



31	Quantitative and Qualitative analysis of school towards the education of Muslim girls	K Nabila and Thomas A	MBA	Studies in Indian Place Names Journal
32	Srilanka Economics Crisis- The Symptoms, Causes and Possible Cures	Nimal C N, Niyati Namboodiripad	MBA	International Journal of Business Ethics in Developing Economies
33	Entrepreneurial Intention of Indian Women University Students	Neenet Baby Manjaly, Nimmi PM	MBA	Journal of Women Entrepreneurship and Education
34	Impact of millennial's work life balance on their work motivation	Neenet Baby Manjaly, Vignesh Karthik SA	MBA	Central European Management Journal
35	Effect of Porosity on Tool Wear during Micromachining of Additive Manufactured Titanium Alloy	Vinay Varghese, Soham Mujumdar	ME	ASME Journal of Micro & Nano Manufacturing
36	Review of sustainable and environmental friendly flame retrardants used in plastics	Sreenivasan S N	ME	Polymer Testing
37	Markov analysis of academic performance of students in higher education: a case study of an engineering institution'	Dr. Eldose K K	ME	International Journal of Services and Operations Management
38	A review on combustion and mechanical behaviour of pyrolysis biochar	Sreenivasan S N	ME	Materials Today Communications
39	PH Control in Sodium Chlorate Cell for energy efficiency using PSO-FOPID Controller July 2021.	Dr. Sreepriya S	RA	Chemical Industry & Chemical Engineering Quarterly
40	Comparative study of different modelling strategies for cumene production process	Dr.Vinila M L	RA	Journal of Indian Chemical Society, Elsevier
41	Robust control of isopropyl benzene production process using H_{∞} loop shaping control scheme	Dr.Vinila M L	RA	Journal of Control and Decision, Taylor and Francis



C. Other Publications

Books and chapters in edited volumes/books published and articles published in national/ international conference proceedings during 2022-2023 are listed below

Sl. No.	Name of Faculty Member	Title of Article	Name of the Conference	National / International
1	Dr. Vinila M.L.	Optimum design of cumene reactor using COMSOL Multiphysics modelling	International Conference on Advanced Engineering Optimisation Through Intelligent Techniques (AEOTIT), SVNIT, Surat.	International
2	Dr. Sreepriya S	Real-Coded Genetic Algorithm for Fixed Structure PID Controller Tuning in Sodium Chlorate Process	International Conference on Advanced Engineering Optimisation Through Intelligent techniques (AEOTIT) ,SVNIT, Surat.	International
3	Unnimaya V V et.al.	Comperhensive study on traditional and derived sepic topology	Third International Conference on Intelligent Computing, Instrumentation and Control Technologies(ICICICT-2022). AUGUST 2022	International
4	Aleena Joseph et.al.	A review of DC-DC Converters for renewable energy applications and EV Charging applications	Third International Conference on Intelligent Computing, Instrumentation and Control Technologies(ICICICT-2022). AUGUST 2022	International
5	Alwin Stephen et.al.	Review on non isolated high gain DC_DC coconverter	Third International Conference on Intelligent Computing, Instrumentation and Control Technologies(ICICICT-2022). AUGUST 2022	International
6	A Govind et.al.	A Review of High-Gain Bidirectional DC-DC converter with reduced ripple current	Third International Conference on Intellgent Computing, Instrumentation and Control Technologies(ICICICT-2022). AUGUST 2022	International
7	K K Renjith et.al.	A Comprehensive Review on Finite Control Set Model Predictive Control: Trends and Prospects	Third International Conference on Intelligent Computing, Instrumentation and Control Technologies(ICICICT-2022). AUGUST 2022	International
	Renjith K K et.al.	Salient feature of state observer in FCS-MPC for	International Conference on next generation Intelligent systems (ICNGIS 2022)	International



		an Uninterruptible power supply		
9	Dr. Bobby Mathew C, Neethu Suman,	A Low Power, Long Range, Portable Wireless Nurse Call System	Third International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS).	International
10	Jayesh T P, Arya Paul, Prasanth P Menon, Ranjeesh R Chandran,	A Hybrid Machine Learning Approach to Anomaly Detection in Industrial IoT	Third International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS).	International
11	Dr. Bobby Mathews C, Jeejo K P	Development of an Innovative Optimal Route Selection Model Based on an Improved Multi-Objective Genetic Algorithm (IMOGA) Method in IoT Healthcare	Third International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS).	International
12	Dr. Ajay Kumar	Experimental study of a novel technique of data hiding with high PSNR	Third International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS).	International
13	Aswathy N, Jaimy James Poovely	Tomato Plant Health Management Using AI	Third International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS).	International
	Aswathy N	An optimized Faster R-CNN model for Cassava Brown Streak Disease Classification	Third International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS).	International
14	Arya Paul	Integrated Intelligent Surveillance System Using Deep Learning	Third International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS).	International
	Dr. Bipin P R, Dr. Bobby Mathews C	Breast Cancer Image Classification Using Deep Learning Methods	Third International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS).	International
	Dr. Bipin P R, Joseph George	Skin Cancer Classification from Skin Lesion Images Using Modified Depthwise	Third International Conference on Advances in Computing, Communication,	International



		Convolution Neural Network	Embedded and Secure Systems (ACCESS).	
	Neema M	Optimizing Broadband Access and Network Design in Wireless Mesh Networks using Multi-Objective Particle Swarm Optimization	3rd International Conference on Evolutionary Computing and Mobile Sustainable Networks (ICECMSN 2023), Science Direct, Procedia Computer science.	International
	Dr. Rahul Krishnan	Enhancing accessibility: object detection and optical character recognition for empowering visually impaired individuals	International Conference on Computer Vision and Internet of Things 2023 (ICCVIoT'23),	International
	Divya V Chandran	Sky Farm UAV for Agriculture	2023 International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering	International
		Spring Back Investigations in Aluminium and Stainless-Steel Sheets	International Conference on Innovation and Challenges in Mechanical Engineering (ICICME 2023)	International
	Sudhy S. Panicker, K. Jithesh, P.V. Sivaprasad, Priyaranjan Sharma and Vinay Varghese	Optimum design of cumene reactor using COMSOL Multiphysics modelling	International Conference on Advanced Engineering Optimisation Through Intelligent Techniques(AEOTIT) ,SVNIT, Surat.	International



D. Entrepreneurial and IPR Training Programs Organised

Workshops/seminars/Conference including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during 2022-2023 is listed below

Year	Name of the workshop/ seminar/ conference	Number of Participants	Date
2022-2023	World IPR Day Seminar	50	26/04/23
2022-2023	Awareness Program On Intellectual Property Rights for Faculty	25	19/07/23
2022-2023	Entrepreneurship Opportunities	35	18/05/23
2022-2023	YIP Internship	15	14/02/23 - 15/02/23
2022-2023	School Outreach Program	246	16/02/23
2022-2023	Talk on Process of Innovation Development and Technology Readiness Level	69	23/02/23
2022-2023	Reignite	60	07/03/23
2022-2023	YIP Operational Talk	66	13/04/23
2022-2023	An Entrepreneurship Conclave –KAUTILYA 2023:	80	07/03/23
2022-2023	Gameathon	150	28/03/23
2022-2023	Ethical Hacking Workshop for AI Students	65	25/04/23
2022-2023	Entrepreneurship Awareness Programme (EAP)	50	13/12/22
2022-2023	My Story - Motivational Session by Successful Innovators	67	08/11/22

E. List of MODs Signed

Sl No.	Industry/Organization Name	ASIET/Dept.
1	Federal Academy For Cyber Education (FACE)	ASIET
2	TILTEDU pvt Ltd.	ASIET
3	RIOD Logic Pvt. LTD, Nedumbassery, Kerala	ASIET
4	NEST Institute of Fiber Optic Technology, Kakkanad, Kerala	ASIET
5	M/s Dimension, Pune	ASIET
6	Nitta Gelatin, Ernakulam, Kerala	ASIET
7	SUD Chemie India Pvt. Ltd, Kochi, Kerala	ASIET



DEPARTMENT/ASSOCIATIONS/PROFESSIONAL BODY/CELL/CLUB ACTIVITIES

1. IEEE

IEEE Student Branch at Adi Shankara Institute of Engineering and Technology has been in action for quite a long time. It has accomplished several laurels in the past for their exemplary activities. Activities undertaken by the student branch is appended below.

SL No	Activity	Date & Duration	No of Participants
1	Make Your Mark	20 July 2022	30
2	Technolix	1 - 3 August, 2022	20
3	Codepack	4 October 2022	40
4	Insight	7-9 October 2022	32
5	Cryptobiz	28-30 October 2022	72
6	Ham radio workshop	31 October 2022	85
7	Webroux	13 November 2022	70
8	Ideax	18 November 2022	10
9	Nexus	19,20 November 2022	50
10	Minutelux	24 November 2022	9
11	Emperia	26 November 2022	50
12	GNU Radio Workshop	29 November 2022	29
13	SSEP	1-29 December 2022	120
14	Invicta	17,19 December 2022	24
15	Ultron	20 December 2022	38
16	Spark Workshop	22 December 2022	40
17	Flutter Workshop	22 December 2022	55
18	Swayam - capacitate oneself	7 January 2023	30
19	Succour	5 February 2023	9
20	Annual General Meeting	15 March 2023	50
21	ARDUINO Workshop	31 March 2023	45
22	Layers'n Beyond	26 April 2023	40
23	METEORUM	26 April 2023 & 3 May 2023	75
24	TALK WITH ABHINAV R	26 April 2023	64
25	DEVISE	2 May 2023	30
26	ELEVATE	May 3, 2023	16
27	UNISTUS	06, 07 May 2023	10
28	ILLUMINATE	08 May 2023	20
29	TECHNICAL PAPER WRITING	13 May 2023	39
30	TINKERWAR	12 May 2023	9
31	NOVUS	12 -17 May 2023	28
32	CIRCUITFORGE	13 May 2023	20
33	ARISE	24 May 2023	28
34	BYTE BOOST	31 May 2023 - 3 June 2023	17
35	Introduction to ROS	7 June 2023	33
36	INCEPTION	11 June 2023	24
37	ASPEN '23	23 June 2023	-
38	WATTS AND WISDOM	28 June 2023	25
39	SIGNORA	29 June 2023	21



2. IEDC, ASIET

Adi Shankara Institute of Engineering and Technology proved to be the stage for yet another exciting student venture through the inauguration of Kerala Startup Mission's Innovation and Entrepreneurship Development Centre from 10th February 2015. Named as Adi Shankara IEDC Boot Camp (ABC), the chapter aims at improving the entrepreneurship and technical skills of passionate students and at the same time, coming out with products which would have the potential of generating revenue. Adi Shankara IEDC Bootcamp is working its best to spread the message of Innovation, Incubation, and Entrepreneurship among students in the college/region.

Among the 216 IEDC's in the state, Kerala Startup Mission has selected Adi Shankara IEDC Bootcamp as the best IEDC in the state for the past 3 years. Also received the Entrepreneurship Enabler Award 2018 for the notable contribution to the startup ecosystem. In order to enhance the creativity and design thinking among students, every year we conduct Innovation Challenges which get reflected as a startup culture ecosystem in the campus. IEDC also organises entrepreneurship awareness camps, skill development programs, design thinking workshops, patent support systems, Hackathons, Startup Bootcamps, product expos, outreach training programs, Meet the mentor and investor programs for the overall development of the ecosystem.

We also have a Business Hub with 1435 sq ft space as a pre incubation facility for our student startups. This Co Working Space is been used by our students who have registered startups.. List of programs organised IEDC, ASIET during the last academic year is given below.

Sl. No	Activity
1	My Story - Motivational Session by Successful Innovators
2	Entrepreneurship Awareness Programme
3	3-D Printing Workshop
4	YIP Internship
5	School Outreach Program
6	Talk on Process of Innovation Development and Technology Readiness Level
7	IEDC Student Summit 2023
8	Reignite
9	An Entrepreneurship Conclave -KAUTILYA 2023:
10	YIP Operational Talk
11	Gameathon



3. Dept. of Civil Engineering

Sl. No	Activity	Duration	No of Participants
Workshops/ Training/ Seminar/ Webinar/Motivational Talks			
1	Revit Architecture	6 days	55
2	Advanced Survey using Total Station	4 days	93
3	Water Proofing and Insulation and its Job Opportunities - SIWIN		49
4	Flying High – A Session on Higher Studies and Career Opportunities Abroad After Civil Engineering		55
5	GATE Orientation Program		49
Sl No	Name of Activity	Date & Details	
6	Amrit Sarovar - Jal Dharohar Samrakshan	August 2022 Visited Pashnithodu canal, Edakochi and carried out history and spatio-temporal analyses, hydrological studies, study on conservation of catchment areas, prepared maps of the water body and its surroundings, took photographs that capture the essence of the water body reimagining the areas as a vibrant public space and prepared action plan for its rejuvenation.	

4. Dept. of Computer Science and Engineering

Sl. No	Name of Activity	Duration	No of Participants
Workshops/ Training/ Seminar/ Webinar/Motivational Talks			
1	Workshop on "ARDUINO" - CSE Hack-club	25.11.2022	All students
3	Workshop on VB.NET- CSI SB ASIET	26.04.2023	All students
4	Workshop on "Fundamentals of Ruby" -Hack Club, ASIET	23.04.2023	All Students
5	Talk on "Cyber Forensics and its scope, job opportunities", (Mr. Bhadran V K, Technical Director, Alibi Global, Technopark, Trivandrum)		All students
6	Seminar on Intellectual Property Rights (IPR) - Dr. Jenopaul, EEE Dept.		60
7	Webinar on "Life after B.Tech"-CSI SB ASIET conducted-Mr Krishnaprasad V (Test Lead, Juniper Networks)		30
8	Entrepreneurship Opportunities-Prof Ajay Basil Varghese		120 (S8 CSE)
9	Aswamedha '22 • Crypto - Workshop • Spark - AR Filter Development Workshop - Computer Society Chapter of IEEE SB ASIET		22 nd Dec, 2022
10	Talk on Adi Shankaracharya's Life - Prof. Rajaraman, ASIET	25.04.2023	All Staff
Sl No	Name of Activity	Date & Details	
CSI Activities			
1	Kodex Arte- Coding competition	28th Nov 2022	
2	Dotnet Workshop	26th April 2023	
3	Life After B.Tech	26th May 2023	



Tinker Hub Activities		
1	Technical Talk: Deep Dive into LinkedIn Gitub and Resume building	3rd May 2023
2	Talk : Resume Building	25th May 2023
3	Technical Talk: The Impact of automation and AI on jobs and the work force	9th April 2023

5. Dept. of Electronics and Communication Engineering

Sl. No	Name of Activity	Duration	No of Participants
Workshops/ Training/ Seminar/ Webinar/Motivational Talks			
1	Workshop On Digital Marketing	1 day	80
2	Hands On Workshop On Raspberry Pi And Arduino	5 days	75
3	Patent Awareness for layout-design of a semiconductor integrated circuit (SICLD)		37
4	My Story- an interactive talk session- important insights on entrepreneurship		56
5	Aswamedha '22 • Workshops • Glow ball • Circuit Bomb – Circuit debugging • Wintage Car Exhibition • Electro Cvae		22 nd Dec, 2022
Sl No	Name of Activity	Date & Details	
IEEE-SPS ASIET Chapter Activities			
6	DEVISE	25/05/2023	
7	INCEPTION - Matlab Workshop	04/06/2023-05/06/2023	
8	INCEPTION -Treasure Hunt	11/06/2023	
IEEE ComSoc ASIET Chapter Activities			
9	ARISE	24/05/2023	
10	Ham Radio Workshop	31 st Oct 2022	
ECE Association (ACES) Activities			
11	A visit to an old age home "Jesus Bhavan", Mankuzhy, Kalady as a part of "DHARMAAN" - A charity Initiative of ACES	13 th Nov 2022	



6. Dept. of Electrical and Electronics Engineering

Sl. No	Name of Activity	Duration	No of Participants
Workshops/ Training/ Seminar/ Webinar/Motivational Talks			
1	IOT & Python Training	6 days	36
2	CAD Training - AutoCAD, AutoCAD Electrical and Revit MEP	One week	36
3	AI Python Training Program	6 days	54
4	Technical talk on "System Engineering Approach to EV Design and EV Charging station"		166
5	Technical talk on "New Horizons in Coding"		166
6	Technical Talk on "EV and Renewable Energy-Technology, Challenges and Opportunities"		90
7	Technical talk on "Roles and Responsibilities of Engineers in Cochin Port"		166
8	5 th National Energy Congress 2022		76
9	Career Guidance		36
10	An orientation programme on "Familiarization and utilization of facilities available in FABLAB"		126
11	Aswamedha '22 <ul style="list-style-type: none"> • Circuit Track • Spark Plug • Games Of Rooms • Knockout- A Robot Racing Competition • Cross Word • Tic Tac Toe • Workshops <ul style="list-style-type: none"> ➤ Led Making, ➤ Green Energy ➤ Matlab 		22 nd Dec, 2022

7. Dept. of Mechanical Engineering

Sl No	Name of Activity	Date & Details
1.	Industrial Visit	On August 26, 2022, a group of 60 ASME members visited a tyre manufacturing company Tolins in Kalady as part of an industrial visit.
2.	KICK START Workshop	15/11/2022: The event comprised of three interactive sessions and a demonstration session. The event witnessed the participation of 52 students from the first-year and second year Mechanical Engineering students
3.	Aswamedha '22 • THE WRENCH	22 nd Dec, 2022: Workshop on technical aspects of bus design, including the various components and systems that make up the bus.



Workshops/ Training/ Seminar/ Webinar/Motivational Talks			
Sl. No	Activity	Duration	No of Participants
1	'Introduction to CNC Machining ' training programme	1 day	110
2	'Hands on experience with fusion 360'- Training programme	1 day	75
3	Computer Aided Engineering Using ANSYS' - Training programme	One Week	55
4.	Training Program on ANSYS Software	5 Day	75
1	'The Erudite Scholar in Residence Programme' for final year Mechanical Engineering Students.		110
2	Technical Talk on 'Additional skill set required for budding engineers to transform into successful engineers and managers.'		30

8. Dept. of Robotics and Automation

Sl No	Name of Activity	Date & Details
1	The Robotics Society(TRS) of ASIET organized the Arduino workshop, a technical event from	27 th April 2023 to 28 th April 2023
2	The Robotics and Automation Society of IEEE SB ASIET organized a workshop on Arduino and its applications. This was the second phase of the event named "ITR: Introduction to Robotics," which dealt with the theoretical part of robotic	24/11/2022
3	A series of webinars under the title "NEXUS" was conducted by the Robotics and Automation Society of IEEE SB ASIET	19/11/2022 20/11/2022
4	Aswamedha '22 <ul style="list-style-type: none"> • ROS (Robot operating system) Workshop • Drone Workshop • Robo-Soccer-A soccer game with mini 4-wheeled robots • Knockout- A robot racing competition 	22 nd Dec, 2022

Workshops/ Training/ Seminar/ Webinar/Motivational Talks			
Sl. No	Activity	Duration	No of Participants
1	A 5-day workshop was conducted by Janatics pneumatics pvt. Ltd as a part of Automation lab upgradation. The workshop was based on the modes of pneumatics, hydraulics and electrical actuations used in robotics, ie..	5 Days	Faculty Members + 55 Students
2	Quadratech training in Robotics	2 Days	47 Students (S7)
3	Training at SIEMENS Center of Excellence, NIT Trichy	7 Days	3 Faculty Members +17 Students
4	TRS Inauguration by Dr. Sudheer		140 Students + 7 Staff Members



9. Master of Business Administration

Workshops/ Training/ Seminar/ Webinar/Motivational Talks		
Sl. No	Activity	No of Participants
1	Industry - Academia Conclave - Changing Business Scenario and Challenges in Manufacturing	135
2	Kautilya 23 - Entrepreneurship Conclave	135
3	Expert Talk on climate change - Dr. AS Unnikrishnan	73
4	Expert Talk - Renjith Ramachandran	135
5	Expert Talk - Sanjeev K Menon	135
6	Expert Talk - Shijit TC, HR Trends & Role of HR Manager Post Covid	135
7	Expert Talk George Kunnath	135
8	Expert Talk, Suresh Kumar K, Cloud Computing	102

10. ASIET FABLAB ACTIVITIES

Sl. No	Activity	Date & Duration	No of Participants
1	FABLAB Awareness Program	2-09-22 , One Day	30
2	FABLAB Training	14-11-22, One day	50
3	Fab lab awareness program- Basic training and familiarization of FABLAB	21-10-22, One day	25
4	Train the Faculty-Faculty training Program	20-10-22, One day	2
5	Laboratory activity suggested by KTU-3D Printer	1-06-22 to 30-11-22	45
6	Train the Faculty-Faculty training Program	08-08-23, One Day	2
7	Project-3D PRINTING FOR A BODY IMPLANT-AN INVESTIGATION INTO THE OPTIMAL PROCESS PARAMETERS	5-9-22 to 20-05-23	4
8	Project-Noval design for wave harvesting system	5-9-22 to 20-05-23	4
9	Project-AI based nut and washer sorting cobot	5-9-22 to 20-05-23	4
10	Project-Robotic Station Assistant	5-9-22 to 20-05-23	4



Training Program - External



Training Program - Internal



3D Printing facility training



Discussion with Start-up representative

Student Projects/ Parts fabricated for the projects at ASIET, FAB LAB



Details of Projects and Collaborations

1. Discussion and trials have been successfully conducted for an alumni start-up to produce 3D printed parts by using our 3D printing facility. They have made a visit to the fablab on 26th October 2022.
2. B.Tech final year projects have been completed at FABLAB
 - a) 3d Printing For A Body Implant-An Investigation Into The Optimal Process Parameters
Work done at Fablab - 3D printed 27 test samples with different infill, pattern and wall thickness and keeping feed rate 30m/s.
 - b) Novel Design For Wave Harvesting System
Work done at Fablab - 3d printed the wave harvesting pump
 - c) AI Based Nut And Washer Sorting Cobot
Work done at Fablab - Utilised fablab for developing and testing the circuits and calibration of our robot and AI system.
 - d) Robotic Station Assistant
Work done at Fablab - 3d printing and designing of robot



STUDENT SUPPORT & PROGRESSION

1. PLACEMENT

Sl No	Name of the Company	Branch	Placed Students	Total
1	IBS	CSE	17	21
		ECE	4	
2	PENTAGON CSR	CSE	12	13
		ECE	1	
3	MU SIGMA	CSE	14	17
		ECE	3	
4	QBURST	CSE	6	7
		ECE	1	
5	EXPERION	CSE	14	16
		ECE	2	
6	TCS	CSE	3	3
7	SUYATI	CSE	4	8
		ECE	3	
		EEE	1	
8	QUEST GLOBAL	CSE	16	24
		ECE	6	
		EEE	2	
9	6D TECHNOLOGY	CSE	15	16
		ECE	1	
10	SPERIDIAN TECHNOLOGY	CSE	5	5
11	EXACORE IT SOLUTIONS PVT LTD	CSE	5	9
		ECE	1	
		EEE	2	
		MBA	1	
12	EY	CSE	12	13
		ECE	1	
13	SUTHERLAND (VOICE + NON VOICE)	CSE	21	67
		ECE	20	
		EEE	12	
		ME	3	
		MBA	11	
14	JOBIN & JISMI IT SERVICES LLP	CSE	6	11
		ECE	2	
		EEE	3	
15	HSBC TECHNOLOGY	CSE	1	1
16	GADGEON SMART SYSTEMS	CSE	4	4
17	INTELLIPAAT	CSE	2	7
		ECE	4	
		EEE	1	
18	MAVERIC SYSTEMS	CSE	4	4
19	FEDERAL BANK	CSE	5	8
		ECE	1	
		EEE	2	
20	CODEYOUNG	CSE	2	3

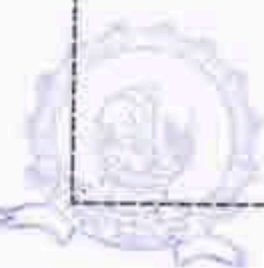


		MBA	1	
21	ACABES INTERNATIONAL PVT LTD	CSE	6	6
22	RDC CONCRETE (INDIA) PVT LTD	ME	1	1
23	INTERLAND TECHNOLOGY SERVICES PVT, LTD	CSE	4	4
24	PROPERTY PISTOL	MBA	8	8
25	METROLLA STEELS	MBA	5	5
26	MYCAPTAIN	ECE	2	2
27	MITSOGO TECHNOLOGIES PVT LTD	CSE	2	2
28	NAVALT SOLAR & ELECRIE BOATS PVT LTD	ME	1	2
		CE	1	
29	LIVE DIGITAL TECHNOLOGIES	CSE	4	5
		ECE	1	
30	NEWAGESYS SOLUTIONS PVT LTD	MBA	2	2
31	METADATA TECHNOLOGIES	MBA	2	2
32	ABSYZ SOFTWARE CONSULTING PVT. LTD	CSE	2	2
33	ICL FINCORP	MBA	6	6
34	NIPPON TOYOTA	ME	2	2
35	VIYA BUILDERS	CE	7	7
36	KPB MICROFINANCE	MBA	1	1
37	ICICI PRUDENTIAL	MBA	4	4
38	BBP INDIA COMMUNICATIONS	MBA	1	1
39	ESAF	MBA	1	1
40	LIFE SCAN	MBA	1	1
41	DECATHLON SPORTS INDIA	MBA	3	3
42	COCOTUFT PVT LTD	MBA	1	1
43	ICICI AMC	MBA	1	1
44	D LIFE	MBA	1	1
45	GREEN ADS GLOBAL	MBA	1	1
46	CARESTACK	CSE	2	2
47	CONSYST	EEE	4	4
48	SAPINS FARM PRODUCTS PVT LTD	MBA	2	2
49	METRO	ME	1	1
50	EWOKE INNOVATIVE SOLUTIONS PVT LTD	CSE	1	1
51	PKJ TECHNOLOGIES PVT LTD	ME	1	1
52	NETSTRATUM	CSE	3	3
53	CLAYSYS TECHNOLOGY	CSE	3	3
54	SAM CORPORATE	ECE	1	1
55	NILA TECH PVT LTD	ME	3	3
56	COCHIN SHIPYARD LIMITED	EEE	1	1
TOTAL OFFERS (B.TECH)				299
TOTAL OFFERS (B.TECH + MBA+ M.TECH)				354



2. List of students qualifying in state/ national/ international level examinations

Name of Student	GATE	IELTS	Other exams conducted by the State / Central Govt Agencies
AADHITHYANARAYANAN V A		Yes	
ALWIN GEORGE		Yes	
AKHILA R NAIR		Yes	
ABHIJITH JAIDEEP		Yes	
DEVIKA N		Yes	
AISWARYA K SHAJI		Yes	
AMAAN UMER		Yes	
SANATH SAVIO NELSON		Yes	
NAISA ROSE SHAJAN		Yes	
SANDHRA JOLLY			
SARANG S SAJEEV		Yes	
BASIL K JOY		Yes	
ANANDHAKRISHNA P S		Yes	
AJAY ANTONY			PTE
MUHAMMED FAISAL			PTE
SANA SUDHEER	Yes		
VISHNU T P	Yes		
MINNU SAJAN		Yes	
SANIYAMOL AFSAL			PTE
ALEX SAJU		Yes	
GLADVIN ALIAS		Yes	
GOVIND RAJEEV KUMAR		Yes	
VARUN INDRAJITH	Yes		
ASWIN ASOKAN		Yes	
HARISHANKAR S C		Yes	
MUHAMMED ASIF K B			KMAT



3. ADD ON COURSES

Number of students enrolled in subject related Certificate/Add-on/Value added programs: 1349

Name of Add on / Certificate programs offered	Number of Students completing the course in the year
MOOC Course On Problem solving through Programming in C	1
Python & IOT	1
Engineering Foundation programme	123
Add on Course in Revit Architecture	517
Add on Course in Advanced Surveying Techniques in Total Station & DGPS	55
Expansive Soil	92
Introduction to machining and machining fluids	2
Scheduling techniques in projects	1
Introduction to history of architecture in India	1
Air pollution and Control	1
Applied Environmental Microbiology	6
AUTOCAD,ELECTRICAL CAD,Revit Mep	1
Add On Course on IOT & Python	54
Add on Course on AI Python	36
Add on Course in Base level Medical Equipment Training	34
Add course in Python Technologies	39
Deep Learning	39
Building IOT Solutions with Python	1
Add on Course in Ansys	63
Add on Course in Ansys	40
Automation in production systems and management	110
Deep Learning	12
Manufacturing process- casting and joining	1
Fundamentals of Artificial Intelligence	5
product design and developement	3
Wheeled Mobile Robots	6
Computer vision and image processing- fundamentals and application	2
Workshop on Aurdino and Raspberry Pi	1
Add on Course in Business Analytics	75
Add on course in Microsoft Excel Training	72



QUALITY INITIATIVES

1. Upgradation of Qualification

Sl No	Name	Dept.	Program/Institute
1	Dr. Prameela B	ECE	Ph. D, Cochin University of Science and Technology, Kerala
2	Dr. Ganga Devi T R	BSH	Ph. D, M G University, Kottayam
3	Dr. Vinila M L	RA	Ph. D, NIT Calicut, Kerala
4	Dr. Deepa Sankar	EEE	Ph. D, Cochin University of Science and Technology, Kerala
5	Dr. Sreena Sreekumar	EEE	Ph. D, APJ AKTU, Kerala
6	Ms.Neenet Baby Manjaly	MBA	M.COM, IGNOU

2. Quality Enrichment Programs for Faculty Members

2.1. Department of CSE

Sl. No	Activity	Duration	No of Participants
1	GAMETHON	3 DAYS	28 Teams
2	FDP on AI algorithms lab	2 days	20

2.2. Department of ECE

Sl. No	Activity	Duration	No of Participants
1	ACCESS '23 - International Conference	3 days	100
2	FDP on ML & DL Applications in Computer Vision	5 days	40
3	FDP on Antenna Design and Measurement	2 days	30

2.3. Department of EEE

Sl. No	Activity	Duration	No of Participants
1	International conference on "Sustainable Energy Technology Solutions - ICSETS 2022 For Future Demands"	2 days	42 (online mode)
2	Invited Talk on "Sustainability in Civil Engineering Construction"	1 day	42 (online mode)
3	Invited Talk on "Tapping Renewable Energy for Future Energy Needs"	1 day	42 (online mode)
4	Invited Talk on "Sustainable Energy Technology Solutions"	1 day	42 (online mode)



2.4. Department of ME

Sl. No	Activity	Duration	No of Participants
1	KTU Sponsored FDP on 'Artificial Intelligence and Machine Learning in Manufacturing'	3 Days	30
2	CNC Workshop for ASIET Faculties	1 day	25
3	Faculty Interaction with Industry experts from Apollo Tyres	1 day	21
4	Faculty Interaction with Dr. A P Sudheer, Professor of NIT Calicut	1 day	21
5	Faculty Interaction with Dr. Vinay V Panicker, Associate Professor from NIT Calicut.	1 day	21

2.5. Department of RA



Students and faculty members of Dept. of RA Visited the Siemens Centre of excellence by faculty and students at NIT, Trichy

2.6. Participation in Faculty Development Programs and Workshops

ASIET promotes the enrichment and upgradation of skillsets and knowledge base of staff members. List of staff members who have attended FDPs and other Knowledge/Skill Enrichment Programs during the last academic year is attached below.

Sl No	Name of the participant	Designation	Title of the FDP / training program	Dates
TEACHING FACULTY				
1	Dr. Bobby Mathews C	Professor	Amazon Web Services	22-08-2022 to 27-08-2022
2	Sreekanth K S	Associate Professor	MATLAB and Simulink for Scientific Computing, circuit analysis and signal processing	29-08-2022 to 02-09-2022
			ML and DL Applications in Computer Vision	30-01-2023 to 03-02-2023
3	Archana Aniyar	Assistant Professor	ML and DL Applications in Computer Vision	30-01-2023 to 03-02-2023

4	Aswathy N	Assistant Professor	ML and DL Applications in Computer Vision	30-01-2023 to 03-02-2023
5	Divya V Chandran	Assistant Professor	ML and DL Applications in Computer Vision	30-01-2023 to 03-02-2023
6	Neetha K	Assistant Professor	ML and DL Applications in Computer Vision	30-01-2023 to 03-02-2023
			Advances In Communication Engineering	06-03-2023 to 10-03-2023
7	Remya Ramesh	Assistant Professor	Medical Image understanding	27-02-2023 to 03-03-2023
8	Anju George	Assistant Professor	ML and DL Applications in Computer Vision	30-01-2023 to 03-02-2023
9	Savitha Raghavan	Assistant Professor	ML and DL Applications in Computer Vision	30-01-2023 to 03-02-2023
10	Arya Paul	Assistant Professor	ML and DL Applications in Computer Vision	30-01-2023 to 03-02-2023
11	Albins Paul	Assistant Professor	ML and DL Applications in Computer Vision	30-01-2023 to 03-02-2023
12	Prajeesh P A	Assistant Professor	Advanced Research and Quality Publication	29-08-2022 to 02-08-2022
13	Neema M	Assistant Professor	ML and DL Applications in Computer Vision	30-01-2023 to 03-02-2023
14	Eldho Mathew	Assistant Professor	Nano materials: Developments Applications and Future Outlook	09-01-2023 to 13-01-2023
15	Leo Francis	Assistant Professor	Advanced Multi-Criteria Decision Making Methods using MS Excel	15-10-2022 to 19-10-2022
16	Sandeep OS	Assistant Professor	Advances in Welding and Additive Manufacturing	18-07-2022 to 24-07-2022
17	Vinay Varghese	Assistant Professor	Emerging Trends in Additive Manufacturing Technologies	30-01-2023 to 03-02-2023
18	Jithesh S R	Assistant Professor	Advanced Materials Processing and Characterization Methods	26-12-2022 to 30-12-2022
19	Rahul S Arackal	Assistant Professor	Nanotechnology	09-01-2023 to 13-01-2023
20	Anju Mary Joseph	Assistant Professor	ML and DL Applications in Computer Vision	30-01-2023 to 03-02-2023
21	Arya C V	Assistant Professor	ML & DL Applications in Computer Vision	30-01-2023 to 03-02-2023
22	Nimmi Vijayan	Assistant Professor	ML & DL Applications in Computer Vision.	30-01-2023 to 03-02-2023
23	Ms. Akhila K	Assistant Professor	Training program In Data Science with Python	17-12-2022 to 17-02-2023
			Specialization in Data Science	05-11-2022 (4months)
24	Ms. Anna Baby	Assistant Professor	Recent Trends in High Voltage Engineering & Insulation Diagnostics	18-07-2022 to 24-07-2022



			Recent Advances in Energy Science and Engineering	24-04-2023 to 29-04-2023
25	Mr. Sijo George	Assistant Professor	FDP on Storage Technologies and Associated Control Techniques	12-12-2022 to 17-12-2022
26	Ms. Hima T	Assistant Professor	TEQUIP sponsored online FDP on Research Trends and control of Robotic systems	21-11-2022 to 25-11-2022
			6-week online training on MATLAB	05-11-2022 (42 days)
27	Ms. Ashna Mohan	Assistant Professor	IET-UK sponsored FDP on Future Research and innovation Technologies	06-03-2023 to 11-03-2023
		Assistant Professor	Advanced Research Quality Publications	29-08-2022 to 02-09-2022
28	Dr. Deepa Sankar	Associate Professor	KTU sponsored FDP on Machine Learning and Deep learning Applications in Computer Vision	30-01-2023 to 03-02-2023
29	Ms. Gomathy S	Associate Professor	KTU sponsored FDP on Applications oriented design and control of Electric Motor Drives	06-03-2023 to 11-03-2023
30	Dr. Jeny Paul P	Professor	ML and DL Applications in Computer Vision	30-01-2023 to 03-02-2023
31	Ms. Rajitha A R	Assistant Professor	TEQUIP sponsored online FDP on Recent Developments in Nano Research and Nano Materials for Future Applications	20-03-2023 to 25-03-2023
32	Ms. Remya K P	Assistant Professor	ML and DL Applications in Computer Vision	30-01-2023 to 03-02-2023
33	Mr. Sreehari	Assistant Professor	KTU sponsored FDP on Machine Learning and Deep learning Applications in Computer Vision	18-01-2023 to 20-01-2023
			KTU sponsored FDP on Machine Learning and Deep learning Applications in Computer Vision	30-01-2023 to 03-02-2023
34	Dr. Sreena Sreekumar	Associate Professor	Online FDP on Solar PV Systems and it's Applications	27-03-2023 to 01-04-2023
35	Dr. Subiramonian S	Associate Professor	KTU Sponsored FDP on Recent Advances and Research Challenges in EV System Design	30-01-2023 to 03-02-2023
36	Ms. Jyothilekshmi R	Assistant Professor	FDP on Outcome Based Education	18-01-2023 to 25-01-2023
37	Ms. Shabnum Suhura	Assistant Professor	FDP on Futuristic Research Scope in Civil Engineering	23-08-2022 to 27-08-2022
38	Ms. Reema Pius	Assistant Professor	FDP on Outcome Based Education	18-01-2023 to 25-01-2023
39	Ms. Harshananda T N	Assistant Professor	FDP on Instructional Planning and Delivery	July 2022



40	Ms. Dona Joy	Assistant Professor	FDP on Outcome Based Education	18-01-2023 to 25-01-2023
41	Ms. Veena S Kumar	Assistant Professor	FDP On Applications of Artificial Intelligence in Civil Engineering	30-01-2023 to 03-02-2023
42	Ms. Rosmin Thomas	Assistant Professor	FDP On Applications of Artificial Intelligence in Civil Engineering	30-01-2023 to 03-02-2023
43	Ms. Anna Varghese	Assistant Professor	FDP On Applications of Artificial Intelligence in Civil Engineering	30-01-2023 to 03-02-2023
44	Asha Rose Thomas	Assistant Professor	FDP on Artificial intelligence	30-08-2022 to 03-09-2022
45	Joseph George	Assistant Professor	FDP on Advances in image processing applications	29-08-2022 to 02-09-2022
46	Shyama R	Assistant Professor	FDP on Unleashing emerging Reaserch Trends and advancements in Computer Science	04-07-2022 to 14-07-2022
47	Anila S	Assistant Professor	FDP on Unleashing emerging Reaserch Trends and advancements in Computer Science	04-07-2022 to 14-07-2022
48	Rose Mary Varghese	Assistant Professor	FDP on Unleashing emerging Reaserch Trends and advancements in Computer Science	04-07-2022 to 14-07-2022
49	Rose Mary Varghese	Assistant Professor	FDP on ML & DL Applications in computer vision	30-01-2023 to 03-02-2023
50	Dr. Sanaj M S	Associate Professor	FDP on Project based learning	16-01-2023 to 20-01-2023
51	T shoba	Assistant Professor	FDP on ML & DL Applications in computer vision	30-01-2023 to 03-02-2023
52	Divya K S	Assistant Professor	FDP on Medical image analysis using deep learning techniques	23-01-2023 to 28-01-2023
			FDP on Addressing open problems in medical domain through AI	30-01-2023 to 03-02-2023
53	Gripsy paul Mannickathan	Assistant Professor	FDP on Addressing open problems in medical domain through AI	30-01-2023 to 03-02-2023
54	Neetha K Nataraj	Assistant Professor	FDP on Addressing open problems in medical domain through AI	30-01-2023 to 03-02-2023
55	Raghi R Menon	Assistant Professor	FDP on Addressing open problems in medical domain through Artificial intelligence	30-01-2023 to 03-02-2023
56	Sumesh M S	Assistant Professor	SERB Karyashala on Understanding Machines : Explainable AI	16-01-2023 to 22-01-2023
			FDP on Addressing open problems in medical domain through AI	30-01-2023 to 03-02-2023
57	Teena George	Assistant Professor	FDP on ML & DL Applications in computer vision	30-01-2023 to 03-02-2023
58	Nikhil Narayanan	Assistant Professor	FDP on Project based learning	16-01-2023 to 20-01-2023

59	Mr. Prabhu	Assistant Professor	FDP on ML & DL Applications in computer vision	30-01-2023 to 03-02-2023
60	Sreedevi R Krishnan	Assistant Professor	FDP on Intellectual Property Rights	22-05-2023 to 26-05-2023
61	Sabitha M G	Assistant Professor	Fundamentals of Information Security	21-01-2023(8 weeks)
62	Dr. Eldose K K	Associate Professor	NPTEL on Ourcome Based Pedagogic Principles for Effective Teaching	Feb-Mar 2022
63	Dr. Arya Devi P.S	Associate Professor	NPTEL on Deep Learning for computer vision	Jul-Sep 2022
64	Remya Raveendran	Assistant Professor	Faculty Development Program on ChatGPT & AI Tools	14-06-2023 to 21-06-2023
NON TEACHING STAFF				
1	Sangeetha M S	Lab Instructor	ML and DL Applications in Computer Vision	30-01-2023 to 03-02-2023
2	Sreesubha Gopi	Lab-instructor	NPTEL on Joy of computing using python	Jul- oct 2022

2.7. Participation In Other Quality Enrichment Programs

Sl. No	Name of Faculty	Title of the professional development / administrative training program	Conducted By
1	Ms. Harshananda T N	Professional Ethics and Sustainability	AICTE
2	Ms. Clydin P A	Professional Ethics and Sustainability	AICTE
3	Ms. Chinnu S	National Initiatives for Technical Teachers Training	AICTE

E-GOVERNANCE

- **LMS/ERP software : (Linways)**

For digital fee payments, admission and for tracking of application status.

Student administration and leaning management-online attendance, online examinations, access to learning resources, progress reports, feedbacks, result analysis

- **Tally software** : For finance and accounts section
- **Paysoft**: For tracking faculty attendance, biometric details, leaves and payslips.
- **KOHA**: For library management.
- **CCTV** is installed all over the campus for continuous monitoring.
- **Adi Shankara email domain**: for all official communications.
- **Turnitin Software** for the plagiarism check was made available in the Librery.

SPORTS AND GAMES

- ASIET always promote sports and games in all levels irrespective of gender. With an aim, to develop a competent Women Volley ball team for ASIET, students were selected and admitted to various first year programs in sports quota with scholarships. Last academic year the following students were admitted under sports quota. The aim was,

SL. NO.	NAME	PROGRAM
1	ANGEL MARIYA SHAJU	EBE
2	KEERTHANA M	ECE
3	ANUSREE P	ECE
4	MEGHANA REJI	RA
5	DEVIKA SABU P	RA
6	KRISHNA PRIYA P A	RA

SPORTS EVENTS PARTICIPATED

Sl No	Date	Activity	Venue	Achievement
1	29.10.2022	KTU D-Zone Kabaddi Tournament	KMEA Engg College, Edathala	Participated
2	03.11.2022	Reliance Football Tournament	Sub Jail Ground, Aluva	Participated
3	05.11.2022	KTU D-Zone Badminton Tournament	Muthoot Engineering College, Puthenkurish	Participated
4	11.11.2022	KTU Inter-Zone Kabaddi Selection	KMEA Engg College Edathala	3 Students participated
5	08.11.2022	KTU D-Zone Chess Tournament	Jaibharath Engg College, Arackappady	Participated
6	14.11.2022 to 15.11.2022	KTU D-Zone Volleyball Tournament for MEN	Viswajyothy Engg College, Vazhakkulam	Participated.
7	15.11.2022	KTU D-Zone Volleyball Tournament for Women	Viswajyothy Eng College, Vazhakkulam	Runners-Up
8	18.11.2022	KTU Inter-Zone Volleyball Tournament for Women	TKM CE, Kollam	Participated
9	19.12.2022	Inter Zone Karate Championship	MA, College, Kothamangalam	1 Student won Silver Medal
10	07.02.2023 to 08.02.2023	KTU D Zone Cricket Tournament	FISAT Engg. College Angamaly	Participated
11	14.02.2023	KTU Cricket team selection	NSS Engg. College, Palakkad	Participated
12	27.01.2023	Professors' Cricket Tournament	FISAT Engg. College Angamaly	Participated
13	07.03.2023 to 09.03.2023	Kerala College Premier League T-20	KCA Ground Thodupuzha	Participated



AWARDS/ ACHIEVEMENTS

Awards and recognitions received from government / government recognised bodies during the academic year 2022-2023 are listed below.

1. APJ AKTU University Ranks

- Ms. Surya K S bagged the **5th Rank in KTU B.Tech** (2019-2023 Batch) Civil Engineering Program
- Ms. Saniyamol A A bagged the **7th Rank in KTU B.Tech** (2019-2023 Batch) Civil Engineering Program



2. IEEE Region 10 Exemplary Student Branch Award for 2022



3. Other IEEE AWARDS

Sl. No:	Name of faculty/ Student	Type of award	Year
1	ASIET	IEEE PES High Performance Student Branch Chapter	2022
2	ASIET	IEEE PES High Performance Student Branch Chapter	2023
3	Mr. Akhilkumar A Student ECE	Won Outstanding Student Volunteer 2021 award by IEEE PES Kerala Chapter	2022

4. NSS AWARDS

- **Ms. Anjanamol Jose** student of Dept. of Civil Engineering was adjudged as the Best NSS Volunteer in the APJ A Kerala Technological University for the academic year 2022-23



Sl. No:	Name of faculty/ Student	Department	Type of award	Award details
1	Ms. Anjanamol Jose	CE	Best NSS Volunteer	Selected as the Best NSS Volunteer in the APJ A Kerala Technological University
2	Anju M Kammath	AI	Certificate of Achievement	Certificate of Achievement is awarded to Anju M Kammath ASIET, Kalady, she has been instrumental in organizing and co-ordinating project Ganithham in their college thereby enabling school students to benefit from this initiative.



3	Prof. Sijo George	EEE	State Level Appreciation	State Level Appreciation to Mr Sijo George from Kerala State Excise Department for the exemplary service towards the coordination of District Level Quiz Competition, 2020.
4	ASIET, NSS Unit	NSS Unit	Appreciation Award	Regional Blood Transfusion Centre District Hospital, Aluva Presented Appreciation Award to NSS Units of Adi Shankara Institute of Engineering & Technology, Kalady for Voluntary Blood Donation Camp.
5	G Gokul	ME	State level Blood Cell Coordinator award	Received State level Blood Cell Coordinator award from APJAKTU NSS Cell.
6	Nowarlal	ME	Appreciation Award	Received Appreciation Award for most number of blood donations under APJAKTU NSS Cell.

5. Other Awards and recognitions

Sl. No:	Name of faculty/ Student	Department	Type of award	Award details
1	Dr. K Dhanasekar	CE	Patent Publication	Published patent entitled "Design and Testing of Flat Slab using Coconut Shell Concrete"
2	Dr. A. N. Swaminathan	CE	Patent Publication	Published design patent entitled "Analysis of mechanical properties of concrete produced with red ceramic construction and demolition waste".
3	Ms. Jyothi Lekshmi R	CE	Patent Publication	Published patent entitled "Analysis of mechanical properties of concrete produced with red ceramic construction and demolition waste"
4	Mr. Aneesh P C	CE	Resource Person	Invited as a Resource Person for 5 day FDP on "Technological Advancements in Civil Engineering" organized by Mangalam College of Engineering.
5	Mr. Abishek Kumar A A	CE	Resource Person	Invited as a Resource Person for 2 day Faculty orientation Program, ASIET
6	Dr. Bobby Mathews C Dr. Arya Devi Divya V Chandran Remya Ramesh	ECE	Patent Publication	"VEG DOC" (Patent file number - 202241060615) Published on 18/11/2022.
7	Gokul Krishnan C. M. Royal Babu Amaan Umer	Students, CSE	Prize Won	Bagged 2 nd prize in the Gameathon held at ASIET
8	Gouri A	Student, CSE	Selection and Participation	In the APJAKTU NSS CELL, 7-day National Integration Camp at Mary Matha Arts and Science College in Mananthavady, Wayanad District, Kerala.



9	Alyn George	Student, CSE	Prize Won	Cassa Creatio" competition organized by the Indian Geological Society at Government Engineering College, Barton Hill.
10	Dr. Jeny Paul P	EEE	Innovation Challenge Prize Won	Won Catalyse Tech Innovation Challenge 2022 organised by Global centre of Excellence in affordable and clean energy, IIT Dharward and Selco Foundation and got financial support for the proposal
11	Dr. Sreena Sreekumar	EEE	Best paper award	Got second Best paper award for First National Power conference 2022 held on 15th Dec, 2022 organized by KSEB Officers Association in MITS, Ernakulam
12	Radhika Menon, Swathy, J Adarsh & Sandeep	Student, S8 EEE	Best project award	Project team of 2019-23 EEE Batch is selected as the winner in IEEE IAS CMD Humanitarian Program 2023
13	Ashik Dev, Alan Anto, Gourinanda & Diyamol	Student, S6 EEE	Young Innovators Programme 4.0	Young Innovators Programme 4.0 contest at the District level organized by K-DISC and Government of Kerala and were awarded the cash prize of 25,000.
14	Yadbukrishna and Team	Student, AE	Best project award	"Virtual Screen for Night Driving" Srishti 2022, 8 th National level Technical Project exhibition and Competition, Saintgits College of Engg., Kottayam, 25 and 26 April 2022
15	Jeesmon Joji	Student, AE	Certificate of Achievement	Techathon- 2k22, FISAT, Angamaly, Secured 2nd Position, Embedde IoT Category
16	Prof. Ajay Basil Varghese	CS	Certificate of Appreciation	IEDC SUMMIT 2022 award
17	ASIET	ASIET	Certificate of Recognition	Recognizing IEDC in Adi Shankara Institute of Engineering and Technology as a Technology business incubator (TBI)
18	Prof. Ajay Basil Varghese	CS	Invited as a special guest	Invited as a special guest to the inauguration of the National Entrepreneurship Conclave at the Lead College of Management.
19	Student team	Student, S6 RA	Selected for Participation	Showcased the latest product, a collaborative robot in the 5 th Machinery Expo 2023, Kerala, organized by the Department of Industries and Commerce
20	Indrajith V S	Student, S6 RA	Delivered a Session	"Building and flying FPV drones" at Boot Camp 1.0 on Drone/UAS Allied Technologies, at NIELIT Calicut.
21	Team Stallions	ASIET TEAM	Finalist	Competed in the final round of ISNEE Motorsports "GO-KART Design Challenge



22	Archana S Pai Harikrishnan U	Students, ME	NSS NRPF annual meet 2022	Attended NSS NRPF annual meet held at Sree Narayana Institute of Engineering and Technology, Aroor, Kerala
23	Jessmon Joji	Student, AE	Entrepreneur Challenge	Won 2nd Position in the ASIET Entrepreneur Challenge, Octane 2022, National Level Technical Fest, Mechanical Engg., ASIET

6. ACHIEVEMENTS IN SPORTS AND GAMES

- College Women Volleyball Team became the runners-up in the KTU D-Zone Women's Volleyball Tournament held at Viswajyothi Engineering College, Vazhakulam.



- Amal K Roy (S8 ECE), won the silver medal for the 67 kg category in the Inter-Zone Karate Tournament held at MA College, Kothamangalam.





- **Rahul Reji (S6 RA)**, secured the runner-up position in the prestigious Mr. Kerala Competition 2023

- **ASIET Faculty Cricket Team**, won the All Kerala Engineering College Staff Cricket Tournament held at Iahia College of Engg. Muvatupuzha.



ALL KERALA INTERCOLLEGIATE STAFF CRICKET TOURNAMENT

JYOTHI PROFESSORS CHAMPIONSHIP
JPC - 2023



RUNNERS UP - ASIET

The team also won the runners up trophy in Jyothi Cup - All Kerala Inter Collegiate Staff Cricket Tournament, organised by Jyothi Engineering College, Cheruthuruthy.



EXTENTION ACTIVITIES & OUTREACH PROGRAMS

1. **Vidyuth** started off in 2013 and is still moving on with immense dedication and support of EEE PES SB, NSS units 228 & 582, the department of EEE and the students and mentors of ASIET. Vidyuth is a venture that is aimed at helping the poor households of the state by providing them with the gift of electricity.



Students of S7 EEE organized 'Vidyuth' a household wiring project (Phase-1) in association with EEE department and IEEE PES ASIET. Total of 25 students actively volunteered to accomplish this project which was conducted during 8th -10th November 2022.

VIDYUTH (Phase-2)



Phase-2 of 'Vidyuth', household wiring project in association with EEE Department and ASIET NSS Cell. Another group of 25 students actively volunteered to accomplish the second phase of this project which was conducted during 22nd -27th Dec 2022.

EEE Department and NSS unit of ASIET organized LED bulb making training for the members of Kudumbasree at Vengoor in connection with Women's day celebration.





2. A visit to an old age home "Jesus Bhavan" Mankuzhy was made on 13th Nov 2022, as a part of "DHARMAAN". DHARMAAN is a society under the ECE association that is meant for feeding the hungry. In association with this program, some groceries and daily needed items were distributed to the inmates of Jesus Bhavan old age home. Around 20 students from the ECE department, along with the staff coordinators and HOD visited the old age home and spent some time with the inmates of the old age home.

OTHER COMMUNITY PROGRAMS

1. INTERNATIONAL COASTAL CLEANUP DAY

Adi Shankara Institute of Engineering and Technology, Kalady Participated in the Coastal cleanup campaign on 17/9/2022. The program was held at Kuzhuppilly Beach. Hon. Governor of Kerala Shri Arif Muhammed Khan inaugurated the program. Around 40 volunteers from participated in this coastal area cleaning activity.



2. APJAKTU NSS ENRGY CELL STATE LEVEL WORKSHOP

Adi Shankara Institute of Engineering and Technology Kalady hosted the One-day state level workshop of energy cell volunteers on 28/7/2022. Energy audit class and Energy quiz were organized as part of this program. 220 volunteers from various Engineering colleges in the state participated in this program.



3. BLOOD DONATION CAMP AND INAUGURATION OF ANTI NARCOTIC CELL

NSS unit of ASIET conducted a cycle rally and blood donation camp in connection with Anti Narcotic cell inauguration on 21/10/2022. Blood donation camp was organised in association with IMA Aluva.





4. URJJA KIRAN

ASIET and Energy management center Kerala jointly organized an Energy conservation awareness rally and signature campaign at Angamaly assembly constituency on 20/12/2022.



An energy conservation program to the public in association with energy management center Kerala (EMC, Kerala) was also organised on 04/02/2023 at Community hall Marottichod. LED bulbs, cloth bags and awareness notices were distributed among participants. Prize distribution of Energy awareness video competition was done during this program.



5. DENGUE FEVER AWARENESS CAMPAIGN

In connection with increased number of dengue fever cases in Kalady and nearby places an awareness program was conducted by NSS units of ASIET on 24/6/2023 in association with Government hospital Mattoor.



A number of other Programs were also conducted in collaboration with industry, community, and Non- Government Organizations through various Dept.s/NSS/ NCC/ Red Cross/ YRC etc., during the academic year 2022 -2023. List of major activities is attached below.

1	Blood Donation Camp
2	Life Mission Internship
3	School Wall Painting
4	One Day With Special School Students & Sports Kit Distribution
5	NSS Day Celebration – Food, Cloth Bag And Book Distribution
6	Pond Cleaning
7	Marine Drive Cochin Cleaning Program
8	National Unity Run
9	Seminar On Climate Change And Releasing Of Flood Mapping Calendar
10	Tidal Flood Mapping Calendar Distribution And Training To The People Of Edavanakad
11	Participation In National Programme On Heritage
12	Three Day Nature Camp At Silent Valley National Park
13	Uyaram 2022-7 Day NSS Special Camp
14	Vidyth – Electrification Of Poor House
15	Women Job Fair
16	Safe Campus Program
17	Two Day Workshop On Environmental Audit
18	Led Bulb Making Training
19	Survey Among Motor Vehicle Drivers For NATPAC
20	International Tourist Survey 2023
21	Visit To Brahmapuram Waste Treatment Plant
22	Blood Donation Camp
23	Distribution Of Study Materials
24	World Cycle Day Observation
25	One Day Service Camp -Cleaning And Tree Plantation At Government Rest House
26	Seminar On Empowering Digital Consumers
27	Dengue Fever Awareness Campaign
28	School Outreach Program <ul style="list-style-type: none"> - Kasturba English Medium School, Manjummal, Ernakulam - FACT School, Udyogamandal, Ernakulam - KV Port Trust, Willington Island, Kochi - Bhavan's Vidya Mandir School, Eroor, Ernakulam



CO CURRICULAR & EXTRACURRICULAR ACTIVITIES

UPANAYANA - INDUCTION PROGRAM

Upanayana - The induction program for the B.Tech first year students was conducted on 16/12/22. Ms. Nirmala Lilly, President of Kerala Management Association and CEO of Infinity Hospitality Services, Kochi was the Chief Guest of the day. Thyagaradha Aradhna was also performed on the occasion



Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY

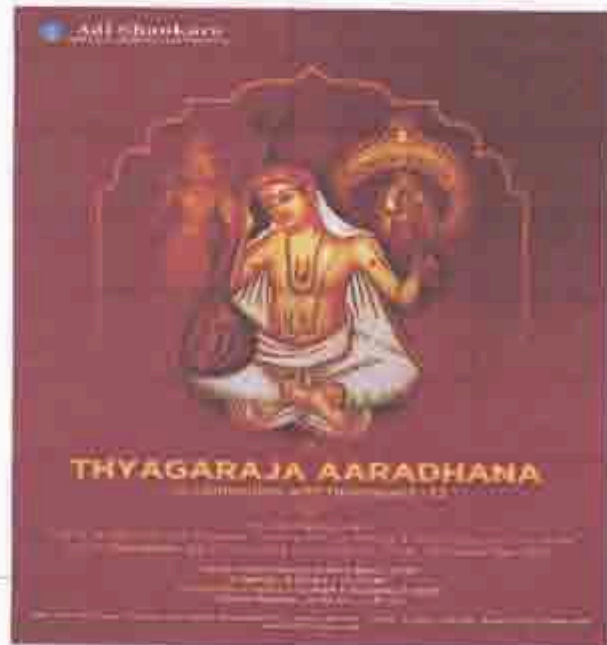
A Conducivity Reception Ceremony of Parents & Students
of 16th Batch of B.Tech, 16th Batch of M.Tech and 16th Batch of MBA

UPANAYANA-22


PROGRAMME

- WELCOME MESSAGE**
By Mr. P. Suresh Kumar
President, ASSET
- WELCOMING ADDRESS**
By Mr. Suresh Kumar
President, ASSET
- WELCOMING ADDRESS & INVASION BY A MEMBER**
By Mr. Suresh Kumar
President, ASSET
- WELCOMING ADDRESS & INVASION BY A MEMBER**
By Mr. Suresh Kumar
President, ASSET
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President, ASSET
- WELCOMING ADDRESS & INVASION BY A MEMBER**
By Mr. Suresh Kumar
President, ASSET
- WELCOMING ADDRESS & INVASION BY A MEMBER**
By Mr. Suresh Kumar
President, ASSET

Date: 16/12/2022 | Time: 10.30 am - 11.30 am
VLEET are invited to attend program by their respective
Vice-Chancellor, ASSET



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THYAGARAJA AARADHANA

16th Batch of B.Tech, 16th Batch of M.Tech and 16th Batch of MBA

SAMARTHANA '23

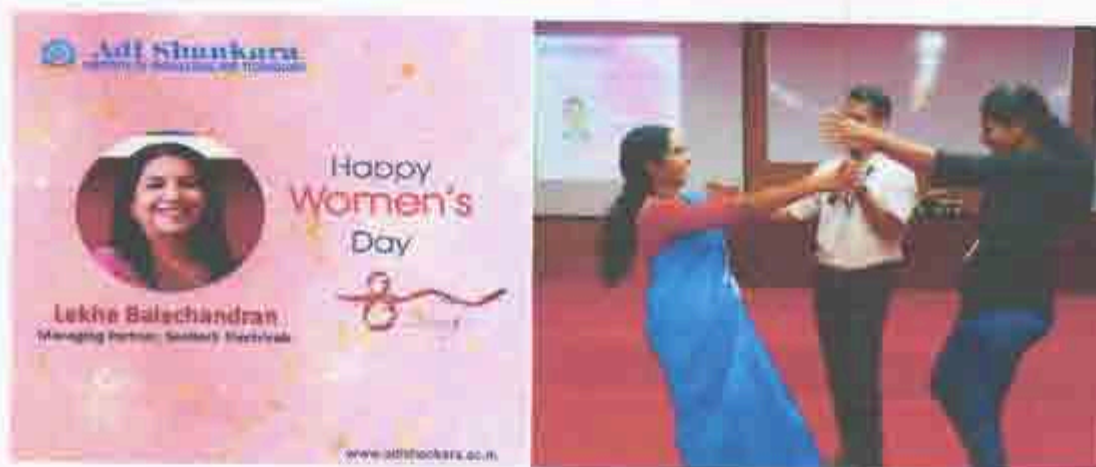
Grand Finale "SAMAVARTHANA 2023" the Passing Out Ceremony of our 2019-23 B.Tech, 2020-23 MBA & M.Tech batches, is conducted on 27th June 2023. Dr. R. Velraj, Vice Chancellor - Anna University was the Guest of Honour.



INTERNATIONAL WOMEN'S DAY CELEBRATION

The ASIET women's day celebration on 8th March 2023 at Seminar Hall from 1 pm to 4 pm was inaugurated by Smt Lekha Balachandran Managing Partner Resi Tech Electricals Aluva. A live demo of self defence training was given to our lady faculty and students of the college by Sri Praveen certified fitness trainer under Govt of Kerala. A Logo launch was initiated : Women in Tech Initiative by Google Developer Student Club(GDSC, ASIET).

The college felicitated the lady Traffic Police who are untiringly working at our Mattoor junction in appreciation of their service at our Seminar Hall. The students organised quiz and prizes were given to the winners. Sweets were distributed to all in connection with Women's day celebrations.



ALUMNI ASSOCIATION

Alumni Association of ASIET has been instrumental in various aspects of the institution. Apart from the annual meetings, the association was very active last academic year organising a variety of programs/ sessions for the student community. Financial contributions were also done as the prize money for the project competitions and sponsorship for several events.

'AAKASHIEN'- ALUMNI MEET

Alumni Meet of B.Tech, M.Tech and MBA was conducted at the campus on 06th May 2023. The official meeting and election for office bearers was followed by cultural performances and a lunch. Awards for various categories were also distributed in the function.


All Shiksha
 All Shiksha is a leading provider of EdTech solutions for schools, colleges and universities.

AAKASHIEN

The Grand Alumni Meet
 5th & 6th May 2023

Join us:
 6th May 2023
 Time: 10am
 Venue: Ayles Campus

Register Here: <https://forms.gle/5Dd17a716c2b9x28>
 Nomination form for Office Bearers Election 2023: <https://forms.gle/5Dd17a716c2b9x28>

All Shiksha | 9947332326
 All Shiksha | 9116495228
 All Shiksha | 9841333923



ONAM 2022





BRAHMA 2023

The iconic Annual National Techno cultural fest of ASIET; "Brahma" was organised on 30/03/2023 to 01/04/2023. Starting with Thyagaraja Aradhana, it offered a diverse experience of captivating events and competitions. A large no of technical competitions and workshops/exhibitions were also arranged for the student community.





ASSET IN THE SOCIAL MEDIA & NEWS

SI No	Media	Date & Details
1	Make Your Mark	www.instagram.com/p/CgCet7CvoNF/?igshid=MzRIODBiNWF1ZA==
2	Technolix	www.instagram.com/p/Cgg1ctOLyao/?igshid=MzRIODBiNWF1ZA==
3	Codepack	www.linkedin.com/posts/ieeesbasiet_ieee-ieee-exp-ieee-extreme-activity-6982345660993794048-zlO?utm_source=share&utm_medium=member_android
4	Insight	www.linkedin.com/posts/ieeesbasiet_ieee-ieeesbasiet-ieee-day2022-activity-6983070192826224640-iCm6?utm_source=share&utm_medium=member_android
5	Cryptobiz	www.linkedin.com/posts/ieeesbasiet_nfts-are-birth-certificates-for-the-offspring-activity-6990309553288409088-nel?utm_source=share&utm_medium=member_android
6	Ham radio workshop	www.linkedin.com/posts/ieeesbasiet_ieee-ieeesbasiet-activity-6991309339655311360-jf_t?utm_source=share&utm_medium=member_android
7	Webroux	www.linkedin.com/posts/ieeesbasiet_ieee-ieeesbasiet-activity-6996471424982888449-7lva?utm_source=share&utm_medium=member_android
8	Ideax	www.linkedin.com/posts/ieeesbasiet_ieee-ieee-pes-ieeesbasiet-activity-6997575915085926400-3e07?utm_source=share&utm_medium=member_android
9	Nexus	www.linkedin.com/posts/ieeesbasiet_ieee-ieee-ras-ieeesbasiet-activity-6997924361869398016-Nx2x?utm_source=share&utm_medium=member_android



10	Minutelux	www.linkedin.com/posts/ieeesbasiet_ieee-ieeepees- ieeesbasiet-activity-7000488537968029696- 1IDr?utm_source=share&utm_medium=member_android
11	Emperia	www.linkedin.com/posts/ieeesbasiet_ieeeias-empeiria- ieeesbasiet-activity-7000843099673399297- ATN3?utm_source=share&utm_medium=member_android
12	GNU Radio Workshop	www.linkedin.com/posts/ieeesbasiet_ieee-ieeeesps- ieeesbasiet-activity-7001569553830817793-Bm- W?utm_source=share&utm_medium=member_android
13	SSEP	www.linkedin.com/posts/ieeesbasiet_ieee-ssep2-activity- 7003382599075172354-0- lm?utm_source=share&utm_medium=member_android
14	Invicta	www.linkedin.com/posts/ieeesbasiet_ieee-invicta- ieeesbasiet-activity-7008454698600968192- T88L?utm_source=share&utm_medium=member_android
15	Ultron	/p/CmR0cQQvwW5/?utm_source=ig_web_copy_link&igshid= =MzRIODBiNWFIZA==
16	Spark Workshop	www.linkedin.com/posts/ieeesbasiet_ashwamedha-aslet- arabrworkshop-activity-7010218811912007680- BC2t?utm_source=share&utm_medium=member_android
17	Flutter Workshop	www.linkedin.com/posts/ieeesbasiet_aswamedha-sps-pes- activity-7010250863449419776- UNTZ?utm_source=share&utm_medium=member_android
18	Swayam - capacitate oneself	/ieeesbasiet/status/1611786463355764738?t=BvnqswjxP d7nooAduirUhA&s=19
20	Annual Meeting General	www.linkedin.com/posts/ieeesbasiet_ieee-ieeesbasiet- activity-7041299144170254336- lkC3?utm_source=share&utm_medium=member_android
21	ARDUINO Workshop	www.linkedin.com/posts/ieeesbasiet_brahma23-asiet- ieeesbasiet-activity-7043447324764741632- LtQS?utm_source=share&utm_medium=member_android
22	Layers'n Beyond	www.linkedin.com/posts/ieeesbasiet_ieee-ieeesbasiet- activity-7055186037387472896- ZAi3?utm_source=share&utm_medium=member_android
23	METEORUM	/p/CrV1A-qP65f/?igshid=MzRIODBiNWFIZA==
25	DEVISE	www.linkedin.com/posts/ieeesbasiet_ieee-ieeesbasiet- activity-7058639768884043776- YGSL?utm_source=share&utm_medium=member_android
26	ELEVATE	www.linkedin.com/posts/ieeesbasiet_ieee-elevate- laguerre-activity-7058675992508137472- iHaC?utm_source=share&utm_medium=member_android
27	UNISTUS	www.linkedin.com/posts/ieeesbasiet_ieee-ieeeewieagaset- unistus-activity-7059730987773046784- 4haK?utm_source=share&utm_medium=member_android
28	ILLUMINATE	www.linkedin.com/posts/ieeesbasiet_ieee-laguerre- illuminate-activity-7060242714654556160- 0Cma?utm_source=share&utm_medium=member_android



29	TECHNICAL PAPER WRITING	www.linkedin.com/posts/ieeesbasiet_ieee-laguerre-activity-7061325314261417984-Mtec?utm_source=share&utm_medium=member_android
30	TINKERWAR	www.linkedin.com/posts/ieeesbasiet_ieee-lagurre-tinkerwar-activity-7066737040884666368-90V?utm_source=share&utm_medium=member_android
31	NOVUS	www.linkedin.com/posts/ieeesbasiet_ieee-ieeesbasiet-activity-7080562460297994240-TRHI?utm_source=share&utm_medium=member_android
32	CIRCUITFORGE	www.linkedin.com/posts/ieeesbasiet_ieee-laguerre-circuitforge-activity-7062290578624921600-Py6t?utm_source=share&utm_medium=member_android
33	ARISE	www.linkedin.com/posts/ieeesbasiet_ieee-ieeescomsoc-ieeesbasiet-activity-7065922867082727424-SISw?utm_source=share&utm_medium=member_android
34	BYTE BOOST	www.linkedin.com/posts/ieeesbasiet_ieee-ieeesbasiet-ieeescasiet-activity-7068813423261720576-dD_O?utm_source=share&utm_medium=member_android
35	Introduction to ROS	www.linkedin.com/posts/ieeesbasiet_ieee-ieeesbasiet-ieeerassbcasiet-activity-7071504420013846528-QvJV?utm_source=share&utm_medium=member_android
36	INCEPTION	www.linkedin.com/posts/ieeesbasiet_%3F%3F%3F-%3F%3F%3F%3F-%3F%3F%3F%3F%3F%3F-%3F%3F-%3F%3F%3F-activity-7072943205821890560-Weoi?utm_source=share&utm_medium=member_android
37	ASPREN'23	www.linkedin.com/posts/ieeesbasiet_ieee-ieeesbasiet-activity-7076389421897441280-3otR?utm_source=share&utm_medium=member_desktop
38	WATTS AND WISDOM	www.linkedin.com/posts/ieeesbasiet_ieee-ieeespes-ieeesias-activity-7079444920930844672-NwyK?utm_source=share&utm_medium=member_desktop
39	SIGNORA	www.linkedin.com/posts/ieeesbasiet_ieee-ieeesbasiet-ieewieag-activity-7079715473315012608-vbm5?utm_source=share&utm_medium=member_desktop
40	Asianet News	August 12, 2022 - NBA Reaccreditation https://m.facebook.com/story.php?story_fbid=pfbid02ngS61FNN4ee7XtRHKx3oz3nXcAWMuXmvYQSYp9Fz7hrg28nSvW5gbZq3NhHdZx1ql&id=100013373283637&sfmsn=wiwsgwa
41	Media One News Channel	February 26 - Stallions - Go Kart https://youtu.be/X9IsAo76GBQ
42	Kairali News Channel	March 1, 2023 - Stallions - Go Kart https://youtu.be/MssEDTx4Z-s
43	Online News Channel	April 10, 2023 - Go Kart- Racing Car https://www.facebook.com/samayammalayalam/videos/229203469690573/?app=fbl
44	T V News	May 24, 2023 - Automatic Solar Panel Cleaning Device https://fb.watch/kj70444ivs/?mibextid=gC1gE
45	News Vision TV	March 10, 2023 - All Kerala Professors Cricket Tournament https://www.facebook.com/325159854505054/posts/pfbid



