



Adi Shankara

INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

Annual Report 2020-2021

ADI SHANKARA
INSTITUTE OF
ENGINEERING & TECHNOLOGY

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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.



The Members of IOAC

Dr. Suresh Kumar V, Principal	Ex-officio Chairman
Dr. Deepika M P	IQAC Head
Prof. R Rajaram	Dean (P & C)
Dr Lekha H	Associate Professor
Prof. Jayasree T G	Assistant Professor
Prof. Eldho Mathew	Assistant Professor
Prof. Prameela B	Assistant Professor
Prof. Divya V Chandran	Assistant Professor
Prof. Nayana J	Assistant Professor
Prof. Simi M S	Assistant Professor
Prof. Chithra C J	Assistant Professor
Prof. Vinila M L	Assistant Professor
Prof. Divya K S	Assistant Professor
Prof. Vishnu	Assistant Professor

ACADEMIC AFFAIRS

Programs Offered

Programme Name	Programme Code	Number of seats sanctioned
B.Tech COMPUTER SCIENCE & ENGINEERING (ARTIFICIAL INTELLIGENCE)	CT	60
B Tech COMPUTER SCIENCE ENGINEERING	CSE	120
B.Tech CIVIL ENGINEERING	CE	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 COMMUNICATION ENGINEERING	ECE	18
M.Tech VLSI AND EMBEDDED SYSTEMS	ECE	18
M.Tech POWER ELECTRONICS AND POWER SYSTEMS	EEE	18
M.Tech COMPUTER SCIENCE ENGINEERING	CSE	18
MBA	MBA	120



S8 RESULT (2016-20 batch)

Sl No	Dept.	No. of Students Registered for Final Semester Exam	No. of Students Passed Final Semester Exam	Pass Percentage
1	AE	33	32	96.96
2	CE	63	63	100
3	EC	84	83	98.8
4	ME	120	117	97.5
5	IT	34	34	100
6	CS	62	61	98.38
7	EEE	46	45	97.82

RESEARCH AND INNOVATION

Funds Received

Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during 2020-2021:10

Year	2020-21
Number	12
INR in Lakhs	21.05500

List of Grants received from Government and non-governmental agencies for research projects, endowments in the institution during the 2021-2022 are given below

Sl No	Name Of The Research Project/ Endowment	Name Of The Principal Investigator /Co-Investigator	Department Of Principal Investigator	Year Of Award	Amount Sanctioned	Duration Of The Project	Name Of The Funding Agency	Type Of The Funding Agency
1	Development of retaining structures using GSB	Dr. Manu S Nadesan	CE	2020-21	500000	12 months	Quality Metals	Non-Government



2	Consultancy service for the development of Church Bells App	Prof. Ajay Basil Varghese, Prof. Gokilavani, Prof. Teena George, Prof. Asha Rose Thomas	CSE	2020-21	8500	8 month	Edith Industries	non-Government
3	Production work for mechanical ventilator to overcome Covid 19 crisis	Prof. Ajay Basil Varghese.	CSE	2020-21	150000	3 months	PGIM India Mutual Funds and KSUM	non-Government
4	Consultancy service for the development of Biofloc Fish farm Controller	Prof. Ajay Basil, Prof. Sreereshmi T S, Prof. Jain Stoble B	CSE	2020-21	15000	3 months	RIOD Logic Pvt. Ltd	non-Government
5	Development of Virtual Event Management Platform (IEDC Submit 21)	Prof Ajay Basil	CSE	2020-21	150000	1	Kerala Startup Mission	Government
6	Digitalization of Farm Management System	Er Anuroop K B	ECE	2020-21	100000	1 Year	AGROFARM	Non-Government
7	Innovation and Entrepreneurship Activity Fund	Ajay Basil Varghese	CSE	2020-21	200000	1 year	Kerala Startup Mission	Government
8	Idea Grant(oz generator)	Anuroop/ Eldho Joy/Amal Prakash/	ECE	2020-21	72000	1	Kerala Startup Mission	Government
9	Idea Grant (ayurveda)	Sreejith/ Anuroop	ECE	2020-21	100000	1	Kerala Startup Mission	Government
10	Business Incubation Center Funding	Prof Ajay Basil	CSE	2020-21	500000	1	KSIDC - TBI Fund	Government



11	D-Glass The AI Based Care Giver for Dementia Patients	Prof. Gokilavani M	CSE	2020-21	300000	1	DST, Nidhi Prayas	Government
12	Wrist wearable quarantine tracker using geofencing	Prof. Divya G	CSE	2020-21	10000	1	CERD	Government

Publications

Research papers published in the Journals notified on UGC website during the 2020-2021 is given below

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Survey on Load Balancing & Future Research Avenues in Routing Protocol for Low Power Lossy Networks in IoT Networks	Ajay Kumar, Dr. N Hariharan	ECE	IJAST	2020	2005-4238
A Compact Microstrip Quadband Bandpass Filter using Six Mode Resonator and a Hairpin Resonator	Dr. N. Hariharan, Dr. Ragesh G K, Er. Ajay Kumar	ECE	IJAST	2020	2005-4238
Area Optimized Low Noise Amplifier for Narrowband Receiver Applications	P. K. Sisira, N. Aswathy, B. Prameela, Anju George	ECE	INTERNATIONAL JOURNAL OF MICROWAVE AND OPTICAL TECHNOLOGY	2020	1553-0396
Ternary Content Addressable Memory	P. K. Sisira, N. Aswathy, B. Prameela, Anju George	ECE	IJEAT	2020	2249-8958



ADMS-Automatic Diabetic Management System	Amala Benny, Neethu Suman	ECE	IJEAT	2020	2249 - 8958
Comparative study of LBPH and Haar features in Real time recognition under varying light intensities	Akas G Kamal, Dennies Rocky, Aajin Roy, Anujith S, Eldho K Paul	ECE	IJEAT	2020	2249 - 8958
Multi Terrain Surveillance Drone.	Rohit N Nair, Prasanth P Menon, Roy Baiju, Sreelakshmi L S, V Kavyalakshmi	ECE	IJEAT	2020	2249 - 8958
Chlad Apock-Iot Based Security Lock Safety at Your Hands	Aiswarya Laskhmi T, Prajeesh P A, Adithya Sukumaran, Aswathy PA, Athira K	ECE	IJEAT	2020	2249 - 8958
Modified Anpr using Neural Networks	Shahala Shanavas, Sneha Raju, Sreeganesh S., Sreejil B.Nair, Albins Paul	ECE	IJEAT	2020	2249 - 8958
Smart Ring	Anjaly Therese Mathew, Anjana Paul, Anjana S, Gayathri S.Kumar	ECE	Journal of Optical Communication Electronics	2020	
Path finder or visually impaired people	Parvathy, Ashna Mathew, Gopika , Savitha Raghavan	ECE	Journal of Analog and Digital Communications	2020	
DCRL-RPL: Dual Context based Routing and Load Balancing in RPL for IoT Networks	Ajay Kumar, Dr.N Hariharan	ECE	IET COMMUNICATION S	2020	1751- 8636
Super-Resolution Based Automatic Diagnosis of Retinal	Dr. Bipin P. R.	ECE	Neural Processing Letters	2020	1155- 1170



Disease for Clinical Applications					
Microplastic detection in water using image processing	Neetha K, Linsa Mary Varghese, Mambully Radhakrishnan Harshitha, Jinsha V.K	ECE	International Journal of Applied Engineering Research	2020	0973-4562
E-cradle	Mary Megha Sebastian , Melvin Thomas Sandesh Padmanabh T D , Sreekala Akhil Kumar Savitha Raghavan	ECE	International Journal of Applied Engineering Research	2020	0973-4562
Assistive technology for paralyzed people using brain machine interface	Anjana S, Aswin S, Ashik, Swetha Vinayakumar, Remya Mohanan	ECE	International Journal of Applied Engineering Research	2020	0973-4562
Skin lesion/cancer detection using deep learning:	Neema M, Arya S Nair, Annette Joy, Amal Pradeep Menon, Asiya Haris	ECE	International Journal of Applied Engineering Research	2020	0973-4562
Survey on Load Balancing & Future Research Avenues in Routing Protocol for Low Power Lossy Networks in IoT Networks	Ajay Kumar, Dr.N Hariharan	ECE	International Journal of Advanced Science and Technology	2021	2207-6360
Automatic Side Stand	Divya V Chandran, Aswathy N, Narayanan Seshan, Neaha Rose Noble, Mishal C.J, Midhun Manoj	ECE	International Journal of Advanced Research in Computer and Communication Engineering	2021	2278-1021
Smart Shoes – An Aid To Blind People	Divya V Chandran, Aswathy N, Parvathy S Kumar, Neelima Sunil,	ECE	International Journal of Advanced Research in Computer and	2021	2278-1021



	Nikhil Krishnan, Parvathy Krishnan		Communication Engineering		
Kinesics Articulation	Anjaly Gopinath, Karthik R, Priyanka P S, Meenakshi K S, Karthika Vijay	ECE	International Journal of Applied Engineering Research	2020	0973- 4562
Customer attitude and satisfaction towards investment in life insurance with special reference to Ernakulum city	Ganga Devi T R	BSH	Zeichen journal	2020	0932- 4747
Socio-economic & demographic determinants that motivating to purchase health insurance with special reference to IT professionals in Kerala	Ganga Devi T R	BSH	EPRA International journal of Research &Development (IJRD)	2020	2455- 7838
Disease prediction based on micro array classification using deep learning techniques	Dr. Suresh Kumar V	CSE	ELSEVIER	2020	0141- 9331
Design and analysis of novel Quasi Z Source based Asymmetric Multilevel Inverter for PV applications	Deepa Sankar	EEE	International Journal of power electronics and drive systems (IJPEDS)	2020	2088- 8694
Comparative Study of Two Queuing Inventory Models with Buffer, Retrials and Different Service Rates	Dr. Rejitha K R	BSH	AIP Conference Proceedings	2020	ISBN: 978-0- 7354- 2021-2



Quantitative and Qualitative analysis of school towards the education of Muslim girls	K Nabila and Thomas A	MBA	Studies in Indian Place Names Journal	2020	2394-3114
Skin friction estimation on a surface under shock-boundary layer interaction	Maitri Kshetrimayum, Kiran Joy Irimpan, Viren Menezes	ME	Sādhanā	2020	0973-7677

CONFERENCE AND OTHER PUBLICATIONS

Books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during 2020-2021 is listed below

Name of the teacher	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication
Leo Solomon Paul, Agna Shaji, Dhanalaxmi, Sachin P, Vinila M L	Hybrid Wind Farm with Concentrated Solar Thermal Plant using Open Modelica	Conference proceedings: 'SADBHAVANA'	International Conference on Advances in Computing, Communication, Embedded and Secure systems (ACCESS '20)	International	2020
Hitha P S, N Hariharan	Different compression techniques for digital image and video	Conference proceedings: 'SADBHAVANA'	International Conference on Advances in Computing, Communication, Embedded and Secure systems (ACCESS '20)	International	2020
Alsa Joseph, Divya Jose, Muhammed Zahid, Shone Jose, Jayalakshmi P K, Ranjeesh R Chandran	Process Automation using PAC based systems and SCADA	conference proceedings: 'SADBHAVANA'	International Conference on Advances in Computing, Communication, Embedded and Secure systems (ACCESS '20)	International	2020



P K Suresh, R Sundaravadivelu, Manu S Nadesan	Erosion Studies and Rehabilitation of Beach along West Coast of India	IOP Conference series: Materials Science and Engineering	IOP Conference Series: Materials Science and Engineering	International	2020
Gripsy Paul Mannickathan	Efficient Traffic Clearance for Emergency Vehicle	International Conference On Innovative Technical Advances In Disaster Management	ICITA-2020	International	2020
Ramesh R	Clustering Analysis of Epidemic Dataset using Distributed Platform	Conference proceedings: 'SADBHAVANA'	International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS '20)	International	2020
Nimal CN	Building a food FMCG Brand	Not Applicable	Not Applicable	National	2020
Nimal CN/ranjith	Food FMCG Product Sales in Rural Tamil Nadu	Not Applicable	Not Applicable	National	2020
Dr.Lekha.H	Talent Management	Not Applicable	Not Applicable	National	2020
Eldose K	Academic performance prediction using regression analysis - A case study	3rd IEEE Conference on System, Computation, Automation and Networking. July 2020 at Pondicherry university	IEEE Conference on System, Computation, Automation and Networking. July 2020 at Pondicherry university	International	2020
Eldose K	Application of fuzzy TOPSIS for the prioritization of students' requirements in higher education institutions: a case study: A multi-criteria decision making approach	3rd IEEE Conference on System, Computation, Automation and Networking. July 2020 at Pondicherry university	IEEE Conference on System, Computation, Automation and Networking. July 2020 at Pondicherry university	International	2020



P.K.Suresh, S. Sakthivel, R. Sundaravadivelu, Aneesh P.C.	Design of a sustainable flood carrier system in Cuddalore of Tamilnadu	IOP Conference Series: Materials Science and Engineering	IOP Conference Series: Materials Science and Engineering	International	2021
Dr. Ragesh G K	Physical Layer Security of Cognitive Ambient Backscatter Communications for Green Internet-of-Things"	IEEE Transactions on Green Communications and Networking, 2020		International	2021
Dr. Bipin P R, V. Anoop	Super Resolution based Automatic Diagnosis of Retinal Disease for clinical applications.	Neural Processing		International	2021
Anju George, Jaimy James, Aswathy N, Suman Menon	Custom Face Recognition Using YOLO V3		International conference on Signal processing and Communication	International	2021
Dr. Jenopaul et al	Hybrid Voltage Control Model for Hybrid Renewable Energy System	Book Chapter	Book Chapter	International	2021
Dr. Jenopaul et al	authorization In HSV-DWT-DCT - For Depth-Image-Based Rendering 3D Images	Book Chapter	Book Chapter	International	2021
Gomathy.S, Dr. Tony George, Anitha .P, Dr Subramaniyan, Dr. P.Jenopaul	Phase-Locked Loop Controller- for Three Phase Unified Power Quality Conditioner for Non linear and Voltage Sensitive Loads	Book Chapter	Book Chapter	International	2021
Dr. Jobin Varghese	Design and Development of 3-DoF Mechanism for the	Conf. Proceedings (NSC 2019)	43rd National Systems Conference on Innovative and Emerging	National	2021



	Exoskeleton Hip Joint		Trends in Engineering Systems		
K. Pradeep, Sudhy S Panicker, K Panneerselvam and P. Asokan	Investigations on Joining of High Density Poly Ethylene Sheets using Resistance Welding Technique	IOP Conference Series: Materials Science and Engineering,	IOP Conference Series: Materials Science and Engineering,	International	2021
Sudhy S Panicker and Sushanta Kumar Panda	Non isothermal Warm Deep Drawing Behavior of Automotive Grade Aluminum Alloy Sheets	IOP Conference Series: Materials Science and Engineering,	IOP Conference Series: Materials Science and Engineering,	International	2021
Ajith Gopinath, Shibin Babu, Allen Bob Claudius, Shaik Mohammed Ismail and O.S Sandeep	Product design and development of a reading aid for the visually impaired	IOP Conference Series: Materials Science and Engineering,	IOP Conference Series: Materials Science and Engineering,	International	2021
V Aneesh, S Vishnu, Arun P Das and M S Ajith	Performance analysis of single slope solar still integrated with refrigeration systems	IOP Conference Series: Materials Science and Engineering,	IOP Conference Series: Materials Science and Engineering,	International	2021
Jobin Varghese	Design and analysis of a solar drier with a parabolic shaped dish type collector for drying peanut	IOP Conference Series: Materials Science and Engineering,	IOP Conference Series: Materials Science and Engineering,	International	2021
Eldhose K Joy, Jilse Sebastian, K Eldose and S R Jithesh	Chemical and Enzymatic transesterification of rubber seed oil - A comparative study	IOP Conference Series: Materials Science and Engineering,	IOP Conference Series: Materials Science and Engineering,	International	2021
S N Sreenivasan, Neethumol M David, Hanna J Maria, Sabu Thomas and Józef T Haponiuk	Fabrication and Characterisation of PP/TS Biocomposites	IOP Conference Series: Materials Science and Engineering,	IOP Conference Series: Materials Science and Engineering,	International	2021



M Arunkumar, Sudhy S Panicker, P Aneesh Kumar and K Devakumaran	Mechanical, Metallurgical and Corrosion Properties of Dual Pulsed, Pulsed Gas and Shielded Metal Arc Welded AISI 310 Austenitic Stainless Steel	IOP Conference Series: Materials Science and Engineering,	IOP Conference Series: Materials Science and Engineering,	International	2021
S K Akhil and A K Narendran	Productivity Improvement — A Case Study of Hindustan Polymer Products	IOP Conference Series: Materials Science and Engineering,	IOP Conference Series: Materials Science and Engineering,	International	2021
Kiran Joy Irimpan and Anand Raj Hariharan	Mitigation of shockwave induced boundary layer separation through a secondary recirculation duct in a hypersonic flow	IOP Conference Series: Materials Science and Engineering,	IOP Conference Series: Materials Science and Engineering,	International	2021
Dr, Jenopaul et all	Instrument used for Measurement of Frequency and Phase System	NA	NA	International	2021
Dr, Jenopaul et all	Review on DC Bridges in Measuring Instrumentation	NA	NA	International	2021
Dr, Jenopaul et all	Performance Comparison of Terrestrial DVB Detection using LDPC and Turbo Codes	NA	NA	International	2021

Development Programs

Workshops/seminars/Conference including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during 2020-2021 is listed below



Year	Name of the workshop/ seminar/ conference	Number of Participants	Date
2020 - 2021	Talk On " Entrepreneurship" By Abhinav Subhash Jayarishnan [2019 ECE], Gokul Krishnan [2019 ECE] And Renjitha C Nair [2018 ECE]	75	12/10/20
2020 - 2021	Webinar On IPR (Intellectual Property Rights)	45	20/12/20
2020 - 2021	Seminar Series - Entrepreneurship	61	17/9/20
2020-2021	IEDC Summit 2021	50	1/1/21
2020-2021	Faculty Entrepreneurship Awareness Program	16	25/2/21
2020-2021	"How To Plan For Start-Up And Legal & Ethical Steps	102	26/5/21
2020-2021	"Talk On IPR"	125	14/12/20
2020-2021	"Seminar On Entrepreneurship Development Phases"	142	18/12/20
2020-2021	"My Story Session: Life Of An Entrepreneur"	160	20/11/20
2020-2021	"My Story Session: Life Of An Entrepreneur"	157	13/11/20
2020-2021	IEDC Boot Camp	50	1-1-2020

MOUs

Name of the MoU / Collaboration/linkage	Name of the collaborating agency/institution/ industry / corporate house with whom the MoU / collaboration/ linkage is made, with contact details	Year of signing MoU / collaboration / linkage	Duration of MoU / collaboration / linkage	List the actual activities under each MOU and web -links year-wise
Project Management Unit, Rebuild Kerala Initiative, Local Self Government Department, Government of Kerala	Project Management Unit, Rebuild Kerala Initiative, Local Self Government Department, Government of Kerala	2021	3 YEARS	Consultancy works on projects assigned to LSGD as part of Rebuild Kerala Initiative



Federal Academy for Cyber Education (FACE)		2021	One year	Cyber Security course for S6 Students
Aeronne Dynamics Private Ltd.	Aeronne Dynamics Private Ltd., H. No-1/2 Mohini Road, Dehradun, UR, India,248001	2021	active	
ELSAFE protection and control system		2021	active	1. Setting up of building protection laboratory 2. Trainings/internships/ industrial visits/ and projects planned
Aabasoft Technologies Pvt Ltd	Aabasoft Technologies Pvt Ltd	2021	3 Years	placement
Agropark Industrial Foundation	Agropark Industrial Foundation	2021	3 Years	placement
Pappyjoe Enterprises Pvt Ltd	Agropark Industrial Foundation	2021	3 Years	placement
Beacon Energy Storage Systems Pvt Ltd	Beacon Energy Storage Systems Pvt Ltd Vengoor - Piraroor road, Piraroor, Kalady, Ernakulam - 683574	2021	Lifetime	Mobile application development



INDUSTRIAL INTERACTION ACTIVITIES FOR THE YEAR 2020-21

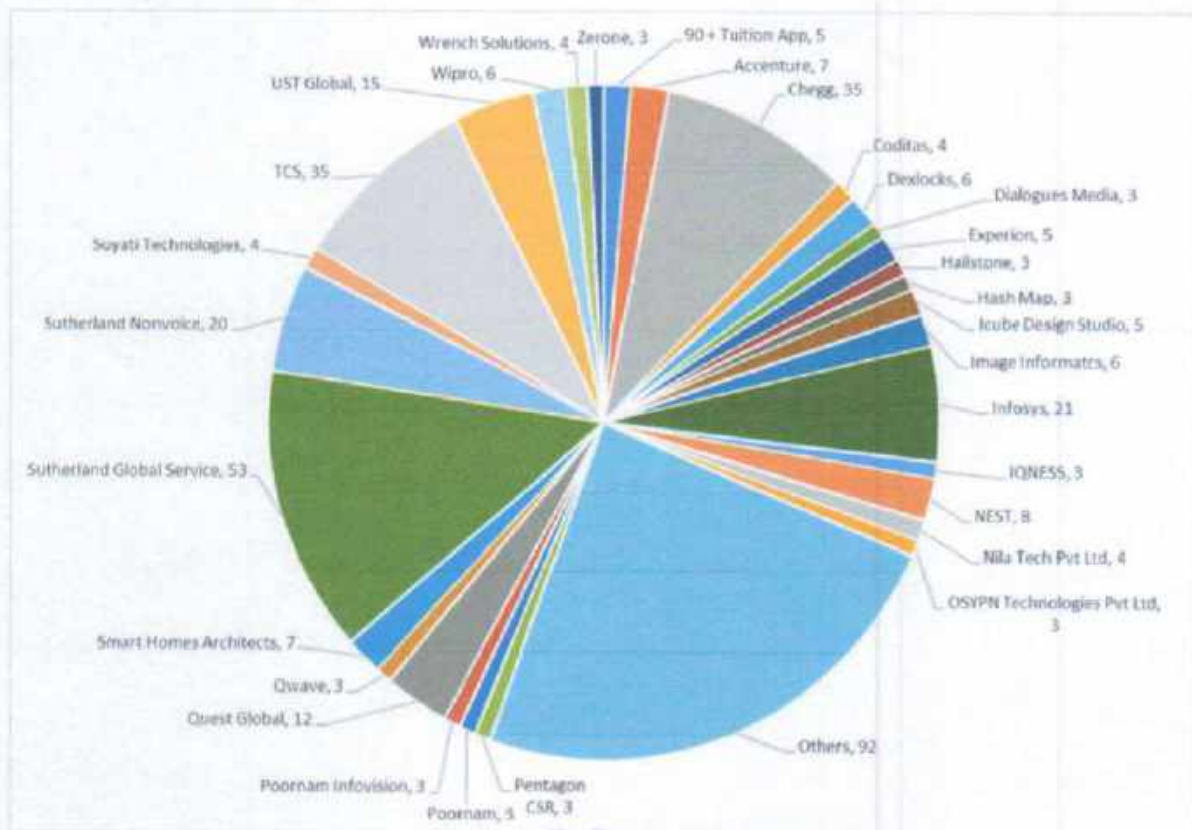
Sl.No	Activity	Content	Industry Name	Date
1	MoU signed	Power Electronics Industry	Beacon Energy storage systems.	12-03-2021
2	MoU signed	Embedded -VLSI area	Digital Core Technologies	17-09-2020
3	Workshop/Training	One day industrial training	Beacon Energy storage systems.	12-03-2021
4	Workshop/Training	Five day training on python and digital image processing	Bitsforge Technologies	September 2020
5	Internships (online)	Artificial Intelligence	Pace Lab	21 - 28 June 2021
6	Internships (online)	Cloud computing	Med-Tour Easy	04-01-2021
7	Internships	R & D	EX-caliber	19-07-20 to 10-09-20
8	Internships (online)	Electronics/Communication/Project development	C-DAC	07-12-2020
9	Internships	Embedded system	Tech by heart	01-04-2021
10	Internships (online)	Electronics/Communication/Project development	Internshala	February, April, June 2021
11	Internships (online)	Electronics/Communication/Project development	Skill vertex	05-02-2021
12	Expert Talks	Employability of B-Tech graduates	V-Guard Industries pvt ltd.	21-01-2021
13	Expert Talks	"Embedded Electronic product design flow"	Hardware R&D Inforce Computing	18/7/2020
14	Expert Talks	"Embedded Product Design"	Tata Elxsi Ltd	23/8/2020



15	Expert Talks	"IOT, Smart Devices & Automation"	Kimball Electronics India	21/8/2020
16	Expert Talks	Employability of B-Tech graduates	Qatar civil defense Instrumentation and fire alarm system	08-07-2020
17	Industrial Visits	2019-23 batch students	AESTER INDIA PVT LTD.	7-1-2020 AND 09-01-2020
18	Industrial Visits	Faculty	NEST Group visit	12-09-2020
19	Industrial Visits	Faculty	BSNL	31-10-2020

STUDENT SUPPORT & PROGRESSION

PLACEMENT



Company Name	No. Of Students Placed	Company Name	No. Of Students Placed
90 + Tuition App	5	Nila Tech Pvt Ltd	4
Accenture	7	OSYPN Technologies Pvt Ltd	3
Chegg	35	Pentagon CSR	3
Coditas	4	Poornam	3
Dexlocks	6	Poornam Infovision	3
Dialogues Media	3	Quest Global	12
Experion	5	Qwave	3
Hailstone	3	Smart Homes Architects	7
Hash Map	3	Sutherland Global Service	53
Icube Design Studio	5	Sutherland Non Voice	20
Image Informatics	6	Suyati Technologies	4
Infosys	21	TCS	35
IQNESS	3	UST Global	15
NEST	8	Wipro	6
Zerone	3	Wrench Solutions	4
Others	92		

OTHERS

Amhinol FCI	2	Kotak Life	2	App Associates	1
Buildnext	2	KSB MIL	2	Archaya Pvt Ltd	1
Byjus	2	Michael & Michael Construction	2	Asian Paints	1
Daivik Technologies	2	Mitsogo	2	ASIET	1
ESAF Bank	2	PEARL Data Direct	2	Athul Energy consultancies	1
FACT	2	Pinclick	2	BDA	1
Integrated India		PKJ Technologies	2	Behive Engineering Concepts	1
Invsts	2	ABM electricals	1	Beinex Consulting	1
Keyvalue Software Solutions	2	Adarsha Control & Automation Pvt. Ltd	1	BPCL	1



Capgemini	1	Kinglong	1	REDPORCH	1
CIED Technologies	1	L4 Lavender Media	1	Power Fact Electrical Solutions Pvt Ltd	1
Costford	1	Logicplum	1	Resemble Info System	1
CSS Corp	1	LSGD	1	Sacon Architect & Designing	1
CZ Architecture Firm	1	Marine Electricals	1	Saina Trading And Construction	1
Data Mine Labs	1	Mindtree	1	Samcorporate	1
Devangari AI	1	Mphasis	1	Sayone Technology	1
DRDO Trainee	1	Willian Tea Bag	1	Protonity International	1
E & Y	1	Mytech	1	Sellamoment	1
Factweaver	1	Vlogic Innovations	1	Speedlabs	1
Flycatch	1	Oracle	1	Swaidan Trading	1
GAG Engineering	1	Valorem	1	Symmetrical Power Systems LLP	1
Green Square Builders	1	Orakor	1	TCL ceramics	1
Guide House	1	Spacewood	1	Thought Leading Education	1
Heavenly Builders	1	Suntech Business Soln	1	Tracco cable	1
HPCL	1	Paradigm	1		
HR Blocks	1	PNB Metlife	1		
IBM	1	Palathara Construction	1		

Students qualified in state/ national/ international level examinations

Number of students qualified in state/ national/ international level examinations (JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations)

Year	Name of the student	Name of qualifying examination
2020-2021	JOYAL JOHN	IELTS
2020-2021	R VAIDEHI	NET
2020-2021	VISHNUPRASAD	GRE
2020-2021	AJAI JOSY	GATE
2020-2021	ASHISH J POONELIL	GRE



2020-2021	ANNETTE JOY	GRE
2020-2021	LEO SOLOMAN PAUL	IELTS
2020-2021	POORNIMA V	IELTS
2020-2021	YADU MURALI P	IELTS
2020-2021	ANJANA R	IELTS
2020-2021	BUHARI ASHRAF	IELTS
2020-2021	FIFNA P DARAL	GRE

ADD ON COURSES

Number of students enrolled in subject related Certificate/Add-on/Value added programs: 1074

Capacity Building and Skill Development Programs organised for the students

Name of the capacity development and skills enhancement program	Date of implementation (DD-MM-YYYY)	Number of students enrolled	Name of the agencies/consultants involved with contact details (if any)
Webinar on Career Prospects for Electronics Engineers in India	16-07-2020	57	Mr. Anish Gopinath – Scientist/Engineer ,Avionics, VSSC, ISRO Trivandrum.
Aptitude Training	20-07-2020	60	Adi Shankara Institute of Engineering and Technology
Webinar on Embedded Electronic product design flow	22-07-2020	50	Mr. Davis Jose, Lead Engineer- Hardware R&D Inforce Computing
Emerging technologies webinar	25-07-2020	40	Mr. Nikhil Krishnan N, Managing Director of Emdeon Digital services Pvt.Ltd.
Emerging technologies webinar	25-07-2020	10	Mr. Nikhil Krishnan N, Managing Director of Emdeon Digital services Pvt.Ltd.
STTP on Introduction to Machine Learning using Python	31-07-2020	177	1)Mr. Jahfar Ali, IIT Hyderabad, 2)Dr. Bipin P.R, Dept of ECE, ASIET, Kalady, 3)Dr. Manish TI, Dept of CSE, ASIET, Kalady
Introduction to Machine Learning using Python	31-07-2020		ECE & CSE
Presentation Skill Improvement	25-08-2020	61	Adi Shankara Institute of Engineering & Technology
Introduction to Git and Github	28-08-2020	15	Mr. Suraj Kumar M (Chairman, FOSS Cell, ASIET) (Conducted by



			IEEE Computer Society SBC of IEEE SB and IIC ASIET)
Resume Preparation	22-09-2020	61	Adi Shankara Institute of Engineering & Technology
Interview skills	28-09-2020	61	Shobin Thomas, Affable Freshers
PRIMAVERA Software training	01-10-2020	63	InterCAD Systems Pvt. Ltd., Trivandrum
Induction Programme	08-10-2020	104	Rajit Kumar, Probiz Consultants
Talk on Introduction to Google Cloud Platform	10-10-2020	82	Mr. Arjun Angepat, Project Engineer at Wipro Ltd.(conducted by IEEE Computer Society of India ASIET Student batch
Talk on "Career opportunities for electronics graduate in Canada"	13-10-2020	50	Mr. Akhil Sivaram B, Alumni
Begin your journey the right way	07-11-2020	70	Mr. Jagannath Bhat, Cyber security analyst, EY(conducted by ICEFOSS Cell, TinkerHub and IIC ASIET)
Self introduction and Interview tips	11-11-2020	61	Adi Shankara Institute of Engineering & Technology
Fitness club	11-11-2020	104	Adi Shankara Institute of Engineering & Technology
Reading club	18-11-2020	104	Adi Shankara Institute of Engineering & Technology
Photography Club	19-11-2020	104	Adi Shankara Institute of Engineering & Technology
Adventure club	20-11-2020	104	Adi Shankara Institute of Engineering & Technology
Induction program 2020	30-11-2020	50	Adi Shankara Institute of Engineering and Technology, Kalady
Talk on IPR	14-12-2020	50	Dr. Vishnu Sankar P, Research Officer, CUSAT(conducted by CSE&CSI)
Talk on IPR	14-12-2020	10	Dr. Vishnu Sankar P, Research Officer, CUSAT(conducted by CSE&CSI)
Short term training program on AUTOCAD, REVIT MEP (2017-2021)	01-01-2021	30	KKM SOFT CHENNAI
Short term training program on AUTOCAD, REVIT MEP (2017-2021)	29-03-2021	24	KKM SOFT CHENNAI
Learning Pathways	24-04-2021	91	Mr Gabriel Sebastian, Research student at University West, Sweden.
training on REVIT	10-05-2021	114	Cadd Campus
Total Station Survey Camp	10-5-2021	55	CILL ASSOCIATES
Coding Skills Training Programme	15-05-2021	2	ICT Academy
BOT Aspirant Programme	22-05-2021	1	Kerala Government ASAP



PROFESSIONAL BODIES/CELL /CLUBS

IEEE

SI No	Event	Duration
1	Electrical System Design Engineer & Project Execution	5th July, 2020
2	Her Story 2	12th July 2020
3	Capabilities Of Cad In Industrial Electrical Drawings	12th July, 2020
4	E-Waste Management	14th July, 2020
5	Internet Of Things & Industry	18th July, 2020
6	Power Converters - An Industrial Perspective	21st July, 2020
7	Importance Of AI/ML	23rd July 2020
8	Comperio #2 - Wip Webinar Series	23rd July 2020,
9	A Webinar On The Topic "Renewable Energy In India - Ecosystem, Market Trends, & Opportunities"	24th July, 2020
10	Emerging Technologies Webinar	25th July 2020
11	Talk On Cyber Security	26th July 2020
12	Real Time Application Of Power Electronics -Scope And Challenges	27th July - 31st July, 2020
13	A Two Day STTP (Short Term Training Program)/FDP (Faculty Development Program) On The Topic "Introduction To Machine Learning Using Python"	31/07/2020 and 1/08/2020
14	A Webinar On The Topic 'Experiences On Practical Engineering'	1st August, 2020
15	A Webinar On Testing Of Power Transformers At Sub-Stations	4th August, 2020
16	Bridging The 5g Digital Divide	16/08/2020
17	AURIENT, An Audio Challenge	3rd Sept - 4th September, 2020
18	A Webinar On The Topic 'Unraveling House Wiring'	20th September, 2020
19	IEEE Smart Village	11th October 2020



20	Introduction To Machine Learning	17th October, 2020
21	Session On Marine Robotics	18th October, 2020
22	Sps Trivia- Know The Picture	03/11/2020
23	SPS TRIVIA- KNOW THE PICTURE, A Quiz Competition	03/11/2020
24	Introduction To Deep Learning	25/07/19 - 26/07/19
25	Codathon	Date: 22/08/19 - 25/08/19
26	Izita 2.0 Reloaded	Date: 19/09/19 - 22/09/19
27	Bodhi - Enlightenment Program	Date: 05/10/19
28	IEEE Day Pes Quiz	Date: 10/10/19

NSS ACTIVITIES

SL NO	EVENTS
1	Independence day celebration and webinar on disaster management
2	Teachers day observation
3	Awareness class on blood donation camp and stem cell donation
4	Cancer awareness class
5	Tree plantation program
6	University level prd selection camp
7	NSS Orientation Class
8	Kaithang 2021
9	Awareness class energy conservation and writing
10	LED bulb making and repairing work shop
11	Parakram olivas
12	Support to assembly election



13	Pencil drawing and essay writing competition
14	Awareness for Kudumbasree members
15	Awareness class energy conservation and air pollution
16	Donation of Refrigerator to Covid First line treatment centre
17	No tobacco day observation
18	Environment day observation
19	Awareness class on corona precaution and prevention
20	Volunteering program to food distribution
21	Yoga awareness program
22	World elder abuse awareness day
23	Autistic pride day
24	Donation of sanitizer unit
25	Observation of International Day against Drug Abuse

Independence Day was celebrated at ASIET, Campus. Principal Dr Sureshkumar V hoisted the flag. After flag hoisting a webinar on the topic overview of Disaster management in Kerala, Lessons from past disasters was conducted. The session was handled by Sri Nithin Davis K, Hazard analyst Kerala state disaster management authority. The program was inaugurated by Dr Sureshkumar V Principal, ASIET. Independence day online quiz competitions conducted and e certificate distributed.





University Level PRD Selection Camp was conducted at Adi Shankara Institute of Engineering and Technology on 17/11/2020 at ASIET campus. Around 60 volunteers from various institutes were participated. Fitness test, Ability to do parade, cultural talents and general knowledge were examined in the selection procedure. The selection procedure was coordinated by Dr. Joy Varghese V, State coordinator APJAKTU NSS CELL.



AWARENESS CLASS ON BLOOD DONATION AND STEM CELL DONATION

In connection with blood donation day awareness program on blood donation and stem cell donation was arranged on 1/10/2020. Dr. Sureshkumar V Principal, ASIET inaugurated the program. Mr Jishnu Raj Patron blood donors Kerala handled session on Blood donation. Session on Stem cell donation was handled by Blesson Paul, Coordinator stem cell donation, Blood donors Kerala.



IETE

EVENT	Date Conducted
One day training by beacon inverters	12/4/2021
Business activity-Consultancy works by Mr Anuroop ,fab lab "AQMS-IoT based Automatic Que management system" for Govt Industrial training Institute	14/4/2021

IIC

EVENT	Date Conducted
Webinar on " INTRODUCTION TO ARTIFICIAL INTELLIGENCE "	12.07.2020
Webinar on topic " BOT: A NEW INTERFACE"	19th July 2020.
Drawing Competition: 'CLIMATIC CHANGES'	September 16 th 2020



QUALITY INITIATIVES

- Data Analytics Research Lab, Bio-Informatics Lab and IOT & Cloud Research Lab under CSE dept was established in 2020.
- IoT Innovative Systems Lab under ECE dept was established in 2020.
- One industry supported lab "High-tech lab" was established in 2020. under CS dept was established in 2020.



FACULTY ENRICHMENT

S. No.	Name of the participant	Title of the FDP / professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
1	Mrs. Reema Pius	Current Scenario & Emerging Trends in Construction Management	27-07-2020 to 01-08-2020
2	Ms. Clydin P A	Online workshop on the theme "Inculcating Universal Human values in Technical Education"	24-08-2020 to 28-08-2020
		Current Scenario & Emerging Trends in Construction Management	27-07-2020 to 01-08-2020
3	Prof. Jeeva P Winto	online faculty development programme on "Urban Mobility: Challenges and Opportunities"	08-09-2020 to 14-09-2020
4	Dr. Suresh Kumar V	FDP on "Project based OOPS with python"	04-02-2021 to 05-02-2021
5	Prof. Simi M. S.	ATAL Online FDP on "Cyber Security and Blockchain Technology"	18-01-2021 to 23-01-2021
6	Dr. Vince Paul	FDP on "Project based OOPS with python"	04-02-2021 to 05-02-2021
7	Dr. Manish T.I.	ATAL ONLINE FDP on "Artificial Intelligence"	04-01-2021 to 08-01-2021
8	Dr. Deepika M. P.	ATAL STTP on "Cyber Forensics & Cyber Law"	03-08-2020 to 08-08-2020
9	Dr. Sujith Kumar P. S.	FDP on "Project based OOPS with python"	04-02-2021 to 05-02-2021
10	Prof. T Sobha	FDP on "Project based OOPS with python"	04-02-2021 to 05-02-2021



11	Prof. Ajay Basil Varghese	FDP on "Project based OOPS with python"	04-02-2021 to 05-02-2021
12	Prof. Asha Rose Thomas	FDP on "Digital Image Processing & It's Techniques"	06-07-2020 to 10-07-2020
		FDP on "Cyber Security"	09-07-2020 to 11-07-2020
		Online FDP on TECH-FOSS, Organized and Conducted by ICFOSS	19-04-2021 to 23-04-2021
13	Prof. Divya K. S	ATAL ONLINE FDP on "Artificial Intelligence"	31-08-2020 to 04-09-2020
14	Prof. Divya G.	ATAL FDP on "Internet of Things"	14-12-2020 to 28-12-2020
15	Prof. Gokilavani	FDP on "Cutting Edge Trends in Deep learning approaches"	07-12-2020 to 22-12-2020
		FDP on "Vision Beyond 5G with Blockchain and AI"	23-07-2020 to 25-07-2020
		National level online workshop on "ROBOTICS"	31-07-2020 to 02-08-2020
16	Prof Gripsy Paul Mannickathan	FDP on "Introduction to Machine Learning Using Python"	30-07-2020 to 01-08-2020
		ATAL FDP on Artificial Intelligence	18-01-2021 to 22-01-2021
		Online FDP on TECH-FOSS, organized and Conducted ICFOSS	19-04-2021 to 23-04-2021
17	Prof. Jain Stoble B.	FDP on "Python for Machine Learning"	14-09-2020 to 18-09-2020
		ATAL FDP on "Robotics"	07-09-2020 to 11-09-2020
		STTP on "Outcome Based Education for technical Institutions -Phase I"	14-10-2020 to 20-10-2020
18	Prof. Joseph George	ATAL FDP on "Computer science & Biology"	29-08-2020 to 02-09-2020
		STTP on "Outcome Based Education for technical Institutions -Phase I"	14-11-2020 to 20-11-2020
		FDP on ". Machine learning & Deep Learning for Data Science & Engineering"	07-09-2020 to 11-09-2020
19	Prof. Neetha K Nataraj	FDP on "Project based OOPS with python"	04-02-2021 to 05-02-2021
		APJAKTU sponsored FDP on "Robotics & Control"	19-04-2021 to 23-04-2021
		FDP on "Introduction to Machine Learning Using Python"	30-07-2020 to 01-08-2020
20	Prof. Raghi R Menon	FDP on "Project based OOPS with python"	04-02-2021 to 05-02-2021
		FDP on "Introduction to Machine Learning Using Python"	30-07-2020 to 01-08-2020
21	Prof. Ramesh R	ATAL FDP on "Internet of Things (IoT)"	14-12-2020 to 18-12-2020



		FDP titled "Art of Writing Research paper & Proposals"	29-05-2021 to 29-05-2021
22	Prof. Rosemary Varghese	FDP on "Analysis and Implementation of data security on hosts and Networks"	10-05-2021 to 15-05-2021
		ATAL FDP on "Robotics"	07-09-2020 to 11-09-2020
23	Prof. Sreeresmi T. S.	FDP on "Digital Image Processing & It's Techniques"	06-07-2020 to 10-07-2020
24	Prof. Sumesh M. S.	ICFOSS LoRaWAN IoT Workshop	15-03-2021 to 19-03-2021
		FDP on " Project based OOPS with python"	04-02-2021 to 05-02-2021
25	Prof. Teena George	Wipro Certified Faculty Training program by Talent Next	31-08-2020 to 18-09-2020
		FDP on Cyber Security	09-07-2020 to 11-07-2020
26	Arya Devi P S	FDP on Geo informatics and web technologies	18-05-2021 to 22-05-2021
27	Sreerag	FDP on Robotics	07-09-2020 to 11-09-2020
		Trends and Technologies in Antenna design and it's research scopes	10-08-2020 to 16-08-2020
28	Anjaly	FDP on Block chain	14-12-2020 to 18-12-2020
		FDP on Robotics	07-09-2020 to 11-09-2020
29	Anjana	FDP on PEDAGOGY to PANIC-GOGY	11-06-2020 to 13-06-2020
		FDP on Artificial intelligence	03-06-2020 to 07-06-2020
30	Anju George	FDP on Block chain	14-12-2020 to 18-12-2020
		STTP on Wireless Communications - Future IoT	20-07-2020 to 25-07-2020
31	Prasanth	FDP on Nano science and technology	25-06-2020 to 28-06-2020
		FDP on Robotics	07-09-2020 to 11-09-2020
32	Akash G Kamal	FDP on Robotics	07-09-2020 to 11-09-2020
33	Jaimy James	FDP on recent trends in wireless sensor networks and applications	03-08-2020 to 08-08-2020
34	Arya Paul	Trends and Technologies in Antenna design and it's research scopes	10-08-2020 to 16-08-2020
		IoT and It's applications in industry	08-06-2020 to 12-06-2020
35	Neema M	FDP on Robotics	07-09-2020 to 11-09-2020
		FDP on IoT	24-08-2020 to 28-08-2020
36	Albins Paul	Python programming for computer vision and data science	28-12-2020 to 02-01-2021
		FDP on Robotics and control	19-04-2021 to 23-04-2021
37	Neetha K	STTP on Wireless Communications - Future IoT	20-07-2020 to 25-07-2020



		FDP on Recent advances in communication and networking	28-09-2020 to 03-10-2020
38	Ajay Kumar	FDP on IoT	24-08-2020 to 28-08-2020
		Trends and Technologies in Antenna design and it's research scopes	10-08-2020 to 16-08-2020
39	Divya V Chandran	FDP on Tools and Platforms for technology enabled learning	17-08-2020 to 21-08-2020
		IoT and It's applications in industry	08-06-2020 to 12-06-2020
40	Aswathy N	IoT and It's applications in industry	08-06-2020 to 12-06-2020
		FDP on Pervasive industrial competence	29-07-2020 to 02-08-2020
41	Neethu Suman	FDP on 'Know everything related to research'	23-07-2020 to 28-07-2020
		FDP on Robotics	07-09-2020 to 11-09-2020
42	Dr. Eldhose K K	Online Orientation training program for mentors	01-02-2021 to 05-05-2021
		National workshop on "Perspective and challenges in outcome based research"	13-07-2020 to 17-07-2020
		Online Research Methodology Workshop	20-11-2020 to 24-11-2020
		AICTE STTP on "Introduction to Tribology and Surface Engineering	17-08-2020 to 22-08-2020
43	Eldho Mathew	FDP on "Fluid Mechanics and Systems"	07-03-2020 to 07-03-2020
44	Dr. Anand Raj Hariharan	FDP on "Fluid Mechanics and Systems"	07-03-2020 to 07-03-2020
45	Jobin Varghese	FDP on "Recent advances in Mechanical Engineering	06-07-2020 to 10-07-2020
		Fundamentals of IOT and data science	19-08-2020 to 03-10-2020
46	Jithesh S R	FDP on "Fluid Mechanics and Systems"	03-08-2020 to 07-08-2020
		AICTE STTP on "Introduction to Tribology and Surface Engineering	17-08-2020 to 22-08-2020
		Online FDP on "Blended Learning and Flipped Classroom"	24-08-2020 to 28-08-2020
		AICTE STTP on "Tribology of Machine Components and Applied Tribology"	14-09-2020 to 19-09-2020
47	Leo Francis	FDP on "Fluid Mechanics and Systems"	03-08-2020 to 07-08-2020
		AICTE STTP on "Introduction to Tribology and Surface Engineering	17-08-2020 to 22-08-2020
		AICTE STTP on "Tribology of Machine Components and Applied Tribology"	14-09-2020 to 19-09-2020



48	Tony K P	FDP on "Fluid Mechanics and Systems"	07-03-2020 to 07-03-2020
		AICTE STTP on "Introduction to Tribology and Surface Engineering"	17-08-2020 to 22-08-2020
		AICTE STTP on "Tribology of Machine Components and Applied Tribology"	14-09-2020 to 19-09-2020
49	Mohammad Shiyas	FDP on "Fluid Mechanics and Systems"	03-08-2020 to 07-08-2020
50	Arun P Das	FDP on "Fluid Mechanics and Systems"	07-03-2020 to 07-03-2020
51	Eldhose K Joy	AICTE STTP on "Introduction to Tribology and Surface Engineering"	17-08-2020 to 22-08-2020
		AICTE STTP on "Introduction to Nanotribology, Biometrics and Tribology in Industry"	12-10-2020 to 17-10-2020
		AICTE STTP on "Surface Characterisation and Treatments in Tribology"	23-11-2020 to 28-11-2020
52	Narendran A K	FDP on "Fluid Mechanics and Systems"	03-08-2020 to 07-08-2020
53	Sreenivasan S N	FDP on "Fluid Mechanics and Systems"	03-08-2020 to 07-08-2020
54	Ajith M S	AICTE STTP on "Introduction to Tribology and Surface Engineering"	17-08-2020 to 22-08-2020
		AICTE STTP on "Introduction to Nanotribology, Biometrics and Tribology in Industry"	12-10-2020 to 17-10-2020
		AICTE STTP on "Surface Characterisation and Treatments in Tribology"	23-11-2020 to 28-11-2020
55	Goutham S	FDP on "Fluid Mechanics and Systems"	03-08-2020 to 07-08-2020
56	Aneesh V	FDP on "Fluid Mechanics and Systems"	07-03-2020 to 07-03-2020
57	Sandeep O S	AICTE STTP on "Introduction to Tribology and Surface Engineering"	17-08-2020 to 22-08-2020
		AICTE STTP on "Tribology of Machine Components and Applied Tribology"	14-09-2020 to 19-09-2020
		AICTE STTP on "Introduction to Nanotribology, Biometrics and Tribology in Industry"	12-10-2020 to 17-10-2020
58	Vishnu S	FDP on "Fluid Mechanics and Systems"	03-08-2020 to 07-08-2020
		AICTE STTP on "Introduction to Tribology and Surface Engineering"	17-08-2020 to 22-08-2020
		AICTE STTP on "Tribology of Machine Components and Applied Tribology"	14-09-2020 to 19-09-2020
59	Majo Davis	FDP on "Fluid Mechanics and Systems"	03-08-2020 to 07-08-2020
60	Ben Austin B Alapat	FDP on "Fluid Mechanics and Systems"	03-08-2020 to 07-08-2020



61	Akhil Sankar K	FDP on "Fluid Mechanics and Systems"	03-08-2020 to 07-08-2020
62	Goutham D	FDP on "Fluid Mechanics and Systems"	03-08-2020 to 07-08-2020
		AICTE STTP on "Introduction to Tribology and Surface Engineering	17-08-2020 to 22-08-2020
		AICTE STTP on "Tribology of Machine Components and Applied Tribology"	14-09-2020 to 19-09-2020
63	Sreedeeep Krishnan	Research Challenges and Applications of Internet of Things (IoT) in Smart Agriculture	14-12-2020 to 19-12-2020
		IoT based Autonomous Robot Design	28-04-2021 to 30-04-2021
		Robotics	21-09-2020 to 25-09-2020
		Robotics & Control	19-04-2021 to 23-04-2021
64	Ranjeesh R Chandran	Biomaterials, Biodevices and medical Image Processes	10-08-2020 to 14-08-2020
65	Vanila M L	Robotics & Control	19-04-2021 to 23-04-2021
		The Webinar on National Education Policy 2020: Towards Athmanirbar Bharath	23-09-2020 to 23-09-2020
66	Mrs. Sajitha Saseendran	Recent trends in applied Mathematics	24-05-2021 to 28-05-2021
		Role of mathematics in Engineering disciplines	03-08-2020 to 07-08-2020
		Mathematics for data science	10-08-2020 to 14-08-2020
67	Jini Varghese	Sagemath	10-08-2020 to 14-08-2020
68	Mrs. Suja C K	Recent trends in applied Mathematics	24-05-2021 to 28-05-2021
		Inculcating Human values in Technical Education	24-08-2020 to 28-08-2020
69	Mrs. Resmi V R	Advances in Optics & Photonics (MLR Institute of Technology)	04-08-2020 to 08-08-2020
		Inculcating Human values in Technical Education	24-08-2020 to 28-08-2020
70	Ganga Devi T R	FDP on Professional Ethics	10-08-2020 to 14-08-2020
71	Mrs. Pravitha K Nair	Recent trends in applied Mathematics	24-05-2021 to 28-05-2021
72	Dhanya R	Sagemath	10-08-2020 to 14-08-2020
		Recent trends in applied Mathematics	24-05-2021 to 28-05-2021
73	Dr. Jeny Paul P	FDP on " Current affairs and Research Scope in Renewable energy"	29-06-2020 to 03-07-2020
		FDP on " Real time applications of power electronics - Research Scope and Challenges "	27-07-2020 to 31-07-2020
74	Dr. Tonny George	FDP on " Real time applications of power electronics - Research Scope and Challenges "	27-07-2020 to 31-07-2020



75	Ms. Sreehari S	FDP on " Control system applications with matlab session"	27-07-2020 to 31-07-2020
		FDP on "NBA Accreditation and Teaching - Learning in Engineering "	01-01-2021 to 01-04-2021
		FDP on " Real time applications of power electronics - Research Scope and Challenges "	27-07-2020 to 31-07-2020
76	Alan Mathew George	FDP on "NBA Accreditation and Teaching - Learning in Engineering "	01-01-2021 to 01-04-2021
		FDP on " Real time applications of power electronics - Research Scope and Challenges "	27-07-2020 to 31-07-2020
		FDP on " Research initiatives in renewable energy system"	21-07-2020 to 25-07-2020
77	Mr. Sijo George	FDP on " Green Energy : Conservation and Management"	23-06-2021 to 25-06-2021
		FDP on "NBA Accreditation and Teaching - Learning in Engineering "	01-01-2021 to 01-04-2021
		FDP on " Real time applications of power electronics - Research Scope and Challenges "	27-07-2020 to 31-07-2020
		FDP on " small and medium hydroelectric power projects"	22-02-2021 to 27-02-2021
78	Ms. Anna Baby	FDP on " Current affairs and Research Scope in Renewable energy"	29-06-2020 to 03-07-2020
		FDP on " Real time applications of power electronics - Research Scope and Challenges "	27-07-2020 to 31-07-2020
		FDP on " Research initiatives in renewable energy system"	21-07-2020 to 25-07-2020
		Training program on "Emerging Trends in power systems"	14-09-2020 to 18-09-2020
79	Ms. Deepa Sankar	FDP on " Current affairs and Research Scope in Renewable energy"	29-06-2020 to 03-07-2020
		FDP on " Electric Vehicles"	09-11-2020 to 13-11-2020
		FDP on " Real time applications of power electronics - Research Scope and Challenges "	27-07-2020 to 31-07-2020
		FDP on " Research initiatives in renewable energy system"	21-07-2020 to 25-07-2020
80	Ms. Gomathy S	Training program on "Emerging Trends in power systems"	14-09-2020 to 18-09-2020



		FDP on " Green Energy : Conservation and Management"	23-06-2021 to 25-06-2021
		FDP on " Power electronic applications to renewable energy systems and energy storage systems "	06-07-2020 to 10-07-2020
		FDP on " Real time applications of power electronics - Research Scope and Challenges "	27-07-2020 to 31-07-2020
81	Ms. Hima T	FDP on " Control systems and sensors Technology"	04-01-2021 to 08-01-2021
		FDP on " Control system applications with matlab session"	27-07-2020 to 31-07-2020
		FDP on " Real time applications of power electronics - Research Scope and Challenges "	27-07-2020 to 31-07-2020
		FDP on " Robotics"	07-09-2020 to 11-09-2020
82	Ms. Nayana J	FDP on " Current affairs and Research Scope in Renewable energy"	29-06-2020 to 03-07-2020
		Training program on "Emerging Trends in power systems"	14-09-2020 to 18-09-2020
		FDP on " Real time applications of power electronics - Research Scope and Challenges "	27-07-2020 to 31-07-2020
		FDP on " Research initiatives in renewable energy system"	21-07-2020 to 25-07-2020
83	Ms. Rajalakshmy S	FDP on " Industrial energy audit"	08-04-2021 to 12-04-2021
		FDP on " Power electronic applications to renewable energy systems and energy storage systems "	06-07-2020 to 10-07-2020
		FDP on " Real time applications of power electronics - Research Scope and Challenges "	27-07-2020 to 31-07-2020
		FDP on " Robotics and Control"	19-04-2021 to 23-04-2021
84	Ms. Rajitha A R	FDP on " Power electronic applications to renewable energy systems and energy storage systems "	06-07-2020 to 10-07-2020
		FDP on " Real time applications of power electronics - Research Scope and Challenges "	27-07-2020 to 31-07-2020
		FDP on " System modelling and control methods"	13-07-2020 to 17-07-2020



		FDP on " Power electronics for the EV Age and Beyond "	24-05-2021 to 28-05-2021
85	Ms. Remya K P	FDP on " Current affairs and Research Scope in Renewable energy"	29-06-2020 to 03-07-2020
		FDP on " Electric Vehicles"	09-11-2020 to 13-11-2020
		FDP on " Real time applications of power electronics - Research Scope and Challenges "	27-07-2020 to 31-07-2020
		FDP on " Research initiatives in renewable energy system"	21-07-2020 to 25-07-2020
86	Ms. Akhila K	FDP on " Industrial energy audit"	08-04-2021 to 12-04-2021
		FDP on " Real time applications of power electronics - Research Scope and Challenges "	27-07-2020 to 31-07-2020
		FDP on " Contemporary challenges in electrical engineering and Aiding technologies"	06-07-2020 to 10-07-2020
87	Ms. Anitha P	FDP on " Real time applications of power electronics - Research Scope and Challenges "	27-07-2020 to 31-07-2020
		Training program on "Emerging Trends in power systems"	14-09-2020 to 18-09-2020
88	Prameela B	Trends and Technologies in Antenna design and it's research scopes	10-08-2020 to 16-08-2020
89	Anitha Thomas	Managing Learning Disabilities	08-04-2020 to 08-04-2020
90	Sheeja Santhosh	Introduction to Machine Learning using Python	30-07-2020 to 01-08-2020
91	Vidya V	Introduction to Machine Learning using Python	30-07-2020 to 01-08-2020
92	Neema Vijayan	Introduction to Machine Learning using Python	30-07-2020 to 01-08-2020
93	Sreesubha Gopi	Technical Support Fundamentals	10-03-2020 to 10-03-2020
94	Sangeetha M S	Robotics	07-09-2020 to 11-09-2020
95	Subha M	Robotics	11-01-2021 to 15-01-2021
96	Lyson John	LED making Workshop	20-03-2021 to 20-03-2021
97	Venugopal R	LED making Workshop	20-03-2021 to 20-03-2021
98	Deepa V	LORAWAN hands on workshop	15-03-2021 to 19-03-2021
99	Deepa P	LORAWAN hand son workshop	15-03-2021 to 19-03-2021
100	Shibi James	LORAWAN hands on workshop	15-03-2021 to 19-03-2021
101	Sumesh S Menon	LORAWAN hands on workshop	15-03-2021 to 19-03-2021
102	Sangeetha K G	LORAWAN hands on workshop	15-03-2021 to 19-03-2021
103	Joe Kurian	LORAWAN hands on workshop	15-03-2021 to 19-03-2021
104	Janet Roselin Lawrance	LORAWAN hands on workshop	15-03-2021 to 19-03-2021
105	Rajeshmon R	LORAWAN hands on workshop	15-03-2021 to 19-03-2021
106	Sumathy M V	LORAWAN hands on workshop	15-03-2021 to 19-03-2021
107	Shyam Sundar	ATAL FDP on Internet of Things	07-12-2020 to 11-12-2020
108	Sudhy S Panicker	Smart Manufacturing and Metrology	22-02-2021 to 27-02-2021
109	Akas G Kamal	FDP on Robotics and Control	19-04-2021 to 23-04-2021



110	Remya Ramesh	FDP on Robotics and Control	19-04-2021 to 23-04-2021
111	Prajeesh P A	ATAL FDP on Robotics	07-09-2020 to 11-09-2020
112	Dr. Suraj Damodaran	STTP on Control System Design -Classical and Modern with Hands on	22-03-2021 to 27-03-2021
113	Chinnu S	ATAL FDP on wearable Devices	11-01-2021 to 15-01-2021
114	Mrs. Archana Aniyar	FDP on Innovation incubation and research challenges in India	21-06-2021 to 25-06-2021
115	Anaswara Jayan	Python for Machine Learning	14-09-2020 to 18-09-2020
116	Akhila Vijayan	FDP on Integrated Urban Water and Waste Water Management	27-07-2020 to 31-07-2020
117	Manu S Nadesan	FDP on Advances in Structural and Geo Technical Engineering	29-06-2020 to 03-07-2020
118	Abin Joy	FDP on Constitution of India	15-03-2021 to 20-03-2021
119	Ragesh G K	Blended Learning and Flipped Classroom	07-09-2020 to 11-09-2020
120	Leena C L	FDP on professional Ethics	10-08-2020 to 14-08-2020

AWARDS/ ACHIEVEMENTS

Awards and Recognition for social service and extension activities

- Government of Kerala Dept of Higher Education NSS Scheme certified that ASIET, Kalady, APJ Abdul Kalam Technical University has been selected as the Best NSS Unit of the State for the year 2020 -21.
- Best NSS Volunteer award by APJAKTU NSS CELL in 2020-21 to Lakshmi Nandana N R
- Best NSS Volunteer of Kerala state in 2020-21 to Lakshmi Nandana N R
- Kerala state NSS Award-2020-21 for Best Programme Officer
- NSS Best unit 2020-21 by APJAKTU.
- NSS National Award-2020-21 for Best Programme Officer to Mr. Sijo George
- This certificate is proudly presented to ASIET, Kerala, India for the category Innovative Project in Higher Education at Global Education Skills MSME and Entrepreneurship- International Chamber for Service Industry Leadership Award 2020 - International Chamber for Service Industry.
- Adi Shankara Covid Care Website for Pandemic management - FABLAB. (My Gov Corona hub, Govt. of India).

Awards and recognition for innovation and entrepreneurial activities



ASIET is awarded Global Education Skills MSME and Entrepreneurship Leadership Award . This certificate is proudly presented to ASIET, Kerala, India for the category Innovative Project in Higher Education at Global Education Skills MSME and Entrepreneurship- International Chamber for Service Industry Leadership Award 2020 - International Chamber for Service Industry.

ASIET, (IEDC & FABLAB), featured in mygov.gov official pages as a best practice

Outstanding Student Volunteer Humanitarian Award by IEEE Kerala Section.

Water Resources Department of Kerala Recognised Department of Civil Engineering of Adi Shankara for it's outstanding contributions towards the project associated with rejuvenation of 21 rivers in Kerala.

SPORTS AND GAMES

Students Awards

Sl. No:	Name of the award/ medal	Name of the student
1	Outstanding student volunteer humanitarian award IEEE Kerala session	Vignesh Haridas
2	Won 2nd Position in Cryptics Quiz by IETE - Vidya Academy of Science And Technology	Harshit Kumar
3	Outstanding Volunteer Award from IEEE SB ASIET	Viswesh Parameswaran
4	Got 1st position in Hackathon Conducted by IEDC NSSCE and won a cash prize	Anna Paul & Harshit Kumar
5	Won 3rd position in the quiz by IETE - Vidya Academy of Science And Technology	Anna Paul
6	Third Prize-Logo Designing ORION 2.0	Sohith Krishna
7	Pre-Republic Day Parade participation	Yadhu Krishna T.M.
8	NSS National Integration Camp Selection	P.S. Swathy
9	Best NSS Volunteer- State Level	Lakshmi Nandana N.R.
10	Best NSS Volunteer- University Level	Lakshmi Nandana N.R.
11	Pre-Republic Day Parade participation	Ashily Shibu



EXTENSION ACTIVITIES

ASIET provides a fruitful environment for the complete development of students. The institution encourages all the students to be a part of representing various social issues to develop communal responsibility. These activities are carried out by the students and staff members with the help of various clubs and different units in the college, which includes National Service Scheme (NSS) unit, Bhumithrasena etc. Various social outreach programmes are organised to facilitate the students with the concept and practice of social responsibility. These outreach and extension initiatives have not only raised students' awareness of a variety of socioeconomic and cultural issues affecting people's daily lives.

List of extension activities organised during the period 2020-2021 are listed below.

Name of the Program	Organised By
April cool –Plant a tree program	NSS
Food Packet preparation work in association with COVID relief at supplyco,Kalady	NSS & Supplyco Kalady
Environment Day celebration- tree Sapling distribution	NSS
Care for Kerala campaign -Material collection Campaign for District admnistration to collect materials to covid first line traetment centers	NSS
Tree plantation program at Okkal Thuruth river bank of Periyar	NSS & KMRL COCHI
World energy day observation and inauguration of energy cell	NSS & KTU energy cell
Tree plantation program at Edavanakad beach area	NSS
Green election campaign - Preparation and coordination of Green booth	NSS & Suchithwa Misson, Govt. of Kerala
Distribution of essential items to orphanages and oldage homes	NSS
Clean cochin campaign-Cleanliness program at Kaloor Division	NSS and Lean Cochin Mission
Awareness class energy conservation and air pollution	NSS
Pencil drawing, painting and essay writing competition	NSS
Awareness classes for kudumbasree members	NSS
Led bulb making and repairing workshop	NSS
Led bulb distribution cloth bag distribution	
Assembly election outreach program	NSS
Blood donation camp	NSS
Campaign against child labour	NSS and Child line
Community Engagement Programme	Mahatma Gandhi National Council of Rural Education



OUTREACH PROGRAMS

Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year wise during the academic year 2020 -2021: 26

1	Independence day celebration and webinar on disaster management
2	Teachers day observation
3	Awareness class on blood donation camp and stem cell donation
4	Cancer awareness class-Sanjeevani association
5	Tree plantation program-Edavanakad beach area
6	University level Pre RD selection camp
8	NSS Orientation Class
9	Kaithang 2021-distributed Clothes, foot wares and toilet items
10	Awareness class energy conservation and writing
11	LED bulb making and repairing work shop
12	Parakram olivas-gave tribute to the Nethaji Subash chandabode
13	Support to assembly election
14	Pencil drawing and essay writing competition
15	Awareness for Kudumbasree members
16	Awareness class energy conservation and air pollution
17	Donation of Refrigerator to Covid First line treatment centre
18	No tobacco day observation
19	Environment day observation
20	Awareness class on corona precaution and prevention
21	Volunteering program to food distribution
22	Yoga awareness program-Natural Ayush Mission
23	World elder abuse awareness day
24	Autistic pride day-the importance of pride for autistic people
25	Donation of sanitizer unit-donated over two sanitizer units
26	Observation of International Day against Drug Abuse



E-GOVERNANCE

- **Linways -ERP software:**

For digital fee payments, admission and for tracking of application status. Student administration and learning management-online attendance, online examinations, access to learning resources, progress reports, feedback, 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.

ASIET IN THE NEWS

Donation of sanitizer unit

Adi Shankara Institute of Engineering and Technology, Kalady donated over two sanitizer units to Angamaly railway station on request of station officer on 24/6/2021. Managing trustee Adv.K Anand handed over the unit to station master in presence of Principal and NSS program officer.



അങ്കമാലി റെയിൽവേ സ്റ്റേഷനിലേക്ക് സാനിറ്റൈസർ യൂണിറ്റ് നൽകി



● ആദി ശങ്കര ഇൻസ്റ്റിറ്റ്യൂട്ട് ഓഫ് എൻജിനീയറിംഗ് ആൻഡ് ടെക്നോളജി, കലാടി സ്റ്റേഷൻ ഓഫീസർക്ക് രണ്ട് സാനിറ്റൈസർ യൂണിറ്റുകൾ നൽകി. കോർപ്പറേഷൻ മെമ്പർമാരിൽ ചേർന്നിട്ടുള്ള സമ്മേളനം ഏർപ്പാടാക്കി.

ആദി ശങ്കര ഇൻസ്റ്റിറ്റ്യൂട്ട് ഓഫ് എൻജിനീയറിംഗ് ആൻഡ് ടെക്നോളജി, കലാടി സ്റ്റേഷൻ ഓഫീസർക്ക് രണ്ട് സാനിറ്റൈസർ യൂണിറ്റുകൾ നൽകി. കോർപ്പറേഷൻ മെമ്പർമാരിൽ ചേർന്നിട്ടുള്ള സമ്മേളനം ഏർപ്പാടാക്കി. ആദി ശങ്കര ഇൻസ്റ്റിറ്റ്യൂട്ട് ഓഫ് എൻജിനീയറിംഗ് ആൻഡ് ടെക്നോളജി, കലാടി സ്റ്റേഷൻ ഓഫീസർക്ക് രണ്ട് സാനിറ്റൈസർ യൂണിറ്റുകൾ നൽകി. കോർപ്പറേഷൻ മെമ്പർമാരിൽ ചേർന്നിട്ടുള്ള സമ്മേളനം ഏർപ്പാടാക്കി.



LED bulb, tube light making and repairing workshop was arranged at SNDP school, Okkal in association with TNV Library Okkal. Dr Sureshkumar V Principal Adi Shankara Institute of Engineering and Technology inaugurated the program. Inauguration of cloth bag distribution conducted on the same day by giving cloth bag to the Kudumbasree members of Kalady Panchayath. Technical staff of Science center Thuruthikkara handled the training program.



IQAC, ASIET

IQAC

Adi Shankara Institute of Engineering & Technology
Vidya Bharathi Nagar Mattoor, Kalady- 683574