



# FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)

ANNUAL REPORT(2020-2021)

# **FEDERAL INSITUTE OF SCIENCE AND TECHNOLOGY (FISAT)**

## **GOVERNANCE AND ADMINISTRATION**

### **MANAGING COMMITTEE MEMBERS**

Ms. Anitha P, Chairman-Governing Body  
Mr. Aneesh Kumar R, President  
Mr. Sachin Jacob Paul, Treasurer  
Mr. Pappachan Thekkekkara, Vice-President  
Mr. Jojo K J, Associate Secretary  
Mr. Ajith Kumar K K, Associate Treasurer  
Mr. Mohanachandran KR  
Mr. Paul Mundadan  
Mr. Rajanarayanan V M  
Mr. Alex T Paikada  
Mr. Abdul Nazar M P  
Mr. George C Chacko

### **PHD AWARDED**



Chairman Dr P Anitha being felicitated by Principal Dr George Isaac on being awarded PhD for her thesis “Women Empowerment through Kudumbashree projects” from the Bharathiar University, Coimbatore

## **ACADEMIC AFFAIRS**

### **Academic Heads**

1. Dr George Isaac, Principal
2. Dr C Sheela, Vice-Principal
3. Dr Sunny Kuriakose, Dean (Student affairs and Administration)
4. DrGeorge V Antony, Director-FBS
5. Dr Prasad J C, Head, CSE Dept.
6. Dr Jose Cherian, Head, ME Dept.
7. DrMini P R, Head, ECE Dept.
8. Dr.Unnikartha G, Head, CE Dept.
9. Dr.Parvathy R, Head, EEE Dept.
10. Dr. Abi P Mathew, Head, EIE Dept.
11. Mr. Santosh Kottam, Head, MCA Dept.

### **Academic Heads (July 2021)**

- 1.Dr Manoj George, Principal (from July 1<sup>st</sup>,2021)
- 2 Dr C Sheela, Vice-Principal
3. Dr Mini P R, Dean (Academics)
4. DrJoshua A J, Director-FBS
5. Dr Jyothish k John, Head, CSE Dept.
6. Dr Sumanlal M R, Head, ME Dept.
7. Dr Anilkumar M N, Head, ECE Dept.
8. Dr Jiji Antony, Head, CE Dept.
9. Dr Archana R, Head, EEE Dept.
10. Dr Abi P Mathew, Head, EIE Dept.
11. Dr Deepa Mary Mathews, Head, MCA Dept.

## Farewell to Dr George Isaac



A farewell meeting for the outgoing Principal, Dr George Isaac was arranged on 29th May 2021.

A farewell meeting for Dr Sunny Kuriakose, Dean (Academics and Administration) was arranged on 30.4.2021

## ADMINISTRATION

Dr Manoj George has taken charge as the Principal from July 1<sup>st</sup> 2021. The Principal along with Vice Principal, Dean (Academics) and Administrative Officer take care of the day-to-day affairs of the college. All major decisions are taken after discussion with the Chairman.

Principal	Dr. Manoj George, M. Tech, Ph.D
Vice-Principal	Dr. C Sheela, M.sc, M. Phil, Ph.D
Dean (Academics)	Dr. Mini P R, M Tech, Ph.D
Director, FISAT Business School	Dr. A J Joshua, MBA, Ph.D
Administrative Officer	Mr Vinod M Nair

Administrative Officer supported by an office team takes care of academic matters, general administration, finance and accounts, purchases and inventory management and human resources functions.

The Heads of various departments for the academic year 2021-2022 are as follows

S.No	Department	Name of the HoD
1	Civil Engineering	Dr Jiji Antony
2	Computer Science and Engineering	Dr Jyothish K John
3	Electronics and Communication Engineering	Dr Anil Kumar M N
4	Electrical and Electronics Engineering	Dr Archana R
5	Electronics and Instrumentation Engineering	Dr Abi P Mathew
6	Mechanical Engineering	Dr Sumanlal M R
7	Science and Humanities	Dr BinimolPunnoose
8	Computer Applications	Dr Deepa Mary Mathews
9	FISAT Business School	Dr Joshua A J (Director)

## GOVERNING BODY

As per the guidelines of AICTE, the Governing Body was formed by including Members from Managing Committee, Officials of the College, Experts in Technology/Education, Representatives of University, State Government and AICTE.

The Governing Body is constituted with the following members:

Post	Name of the member(s)
Chairman – Secretary of the Federal Bank Officers’ Association Educational Society FBOAES (Ex-officio)	Dr.Anitha P.
Secretary – Principal (Ex-officio)	Dr. Manoj George
Nominee of AICTE	Nominee from University
Representative of University Nominated by Syndicate	Nominee from industry
2 faculty members nominated by the registered society	Dr. C. Sheela, Vice Principal Dr Mini P R, Dean (Academics)
2-5 members of the registered society	Mr. Aneesh Kumar R, President, FBOA Mr. Sachin Jacob Paul, Treasurer, FBOA Dr. Paul Mundadan, Management Representative
Educational expert nominated by the registered society	Dr.Kurien Issac, Senior Professor & Dean, Indian Institute of Space Science and Technology, Thiruvananthapuram  Dr. K. Vijayakumar, Professor and Director of Technical Education, Kerala (Rtd)

The Governing Body meets annually to discuss the various governance aspects of the institution. The last meeting of FISAT governing body was held in November 2020.



# Academic Affairs



Four new programs have been sanctioned this year - B Tech (Computer Science and Design), M Tech (Artificial Intelligence and Data Science), M Tech (Automotive Electronics) and M Tech (Renewable Energy)

## UNIVERSITY EXAMINATION RESULTS

Due to the disruption of regular classes because of the pandemic, the classes were moved to the online mode from March 2020 onwards. To ensure smooth and fruitful delivery of online classes and to aid remote learning, the college moved to the Webex platform in the academic year 2020-21. Contact classes including theory and laboratory sessions, lab exams, university exams are conducted as per the instructions of the university, adhering to Covid protocol. Faculty members ensured that all the required learning materials including lecture videos, power point presentations etc are made available to the students to help them in their studies.

Sl. No.	Dept/Program	No. of Students Registered for Final Semester Examination	No. of Students Passed Final Semester Examination	Pass Percentage
1	CE/SECM	23	24	95.83
2	CS/CSIS	1	1	100
3	EE/PEPS	4	4	100
4	EC/COEN	1	1	100
5	EC/VLSI&ES	4	4	100
6	ME/CIM	0	0	-

The department wise results is tabulated below:

Sl. No.	Dept.	No. of Students Registered for Final Semester Examination	No. of Students Passed Final Semester Examination	Pass Percentage
1	CE	111	110	99.09
2	CS	123	119	96.75
3	EE	60	54	90
4	EC	95	91	95.79
5	EI	38	33	86.8
6	ME	121	119	98.34
7	MBA	113	113	100
8	MCA	66	66	100



## INDUCTION PROGRAMME

The first-year induction to B. Tech programmes was conducted online on November 18, 2020. Foundation Programmes were arranged to bridge the gap between higher secondary education and engineering education. The classes commenced on December 01, 2020.

The first-year induction to M. Tech and MCA programmes was on November 16, 2020. The MBA programmes started on September 09, 2020.

## PLACEMENT & TRAINING ACTIVITIES

In spite of the hurdles posed by the pandemic, the campus recruitment process of the 2021 graduating batch has been a great success. All the recruitment processes were hosted in the virtual mode. FISAT students came out successful in the online recruitment process of many companies. As on 01 October, the total number of offers is 546 from 89 companies. The major companies that recruited the students this year are TCS, Infosys, Accenture & Wipro. Packages in the range of 6-8 Lakhs per annum were offered by TCS (Digital), CTS (GenC Next), PriceWaterHouseCoopers, Big Binary and Byjus. The highest package was from Quantiphi with 10LPA. The total number of offers is now 558. This is the largest number in the campus placement history of FISAT.

One of the key reasons for achieving this success is attributed to the moulding of the students and the need-based training programs provided to the students. The quality of the students at FISAT have been appreciated by many companies. The data pertaining to placement is presented in tables below.

The campus recruitment process of the 2022 graduating batch kicked off in the month of September 2021. 27 Companies have confirmed the recruitment process including TCS, CTS, Wipro, UST Global, Quest, Qburst in the first phase of recruitment. A few results are available and the rest of the process is currently underway. TCS has made 81 offers and Dexlock 26. There were 5 offers in SOTI and 3 in TCS-Digital with a package of 7.5 LPA. The total number of offers stands at 116 as on 15 October 2021.

### Branch wise placement offers:

Placement Status Branch wise - as on 15 October 2021		
Student Graduating Year 2021		
Branch	Number of offers	Number of students placed
BTech CE	23	20

BTech CS	210	96
BTech EC	122	70
BTech EE	41	27
BTech EI	20	12
BTech ME	31	26
MCA	55	45
MTech VLSI	1	1
MBA	55	39
<b>Total</b>	<b>558</b>	<b>336</b>

**List of companies and offers:**

<b>Placement Status - as on 15 October 2021</b>			
<b>Student Graduating Year 2021</b>			
Sl No	Company	Number of offers	Package (LPA)
1	TCS	98	3.5
2	Sutherland	78	2.5
3	Infosys	47	4
4	CTS	26	4
5	US Technology	26	3.5
6	Wipro	18	3.5
7	Accenture	17	4
8	Quest Global	16	3
9	Experion	14	3.25
10	FACE	12	3.06

11	People10	11	4.5
12	Pearldata	10	3.3
13	6D Technologies	9	3.5
14	BigBinary	6	8
15	BYJUS APP	6	3
16	CodeYoung	6	7
17	EY	6	3.33
18	NeST	6	3.5
19	Imperium Management Solutions	5	3.5
20	Innoval Digital Solutions Pvt Ltd (IVL)	5	2.5
21	ITC Infotech	5	3.75
22	Qburst	5	4.26
23	Buck	4	3.5
24	Dexlock	4	4
25	PriceWaterHouseCoopers	4	6
26	Ruby Seven Studios	4	4
27	SunTec	4	4.5
28	TCS- Digital	4	7.5
29	Exacore IT Solutions	3	3
30	Factweavers	3	3
31	Hedge School Of Applied Economics	3	1.8
32	Innovature Software	3	2.5
33	IQVIA	3	1.68
34	Mindtree	3	3
35	Ospyn Technologies	3	3

36	Prabhu Steels	3	2.09
37	SOTI	3	7.5
38	Speridian	3	3
39	Survey Sparrow	3	4
40	Travancore Analytics	3	3
41	Asianet Broadband	2	2.4
42	Capgemini	2	3
43	Care Health Insurance Limited	2	2.8
44	Entrepreneur/ Own Business	2	5
45	Envestnet	2	4.75
46	ESAF	2	3.5
47	Hexaware	2	3.5
48	Mitsogo	2	4
49	Mphasis	2	3
50	NewAgeSys Solutions (P) Ltd	2	3.5
51	SpeEdLabs	2	4.5
52	Terralogic Software Solutions	2	3.05
53	UIS Global Private Limited	2	5
54	WhiteRabbit	2	4.2
55	Wrench Solutions	2	2.4
56	90+ My Tuition App	1	3.6
57	AMAZON INDIA	1	3.5
58	Crayola Systems	1	1.8
59	Digital Core Technologies	1	3
60	EMA Partners	1	5

61	Federal Bank	1	8.6
62	Geojith Technologies	1	2.4
63	GramPro Business Services	1	2.5
64	Grand Hypermarket	1	2.4
65	Guidehouse	1	3.8
66	H&R Block	1	4.49
67	IBM	1	7.25
68	IDP Education	1	4
69	Impaqtive	1	3.5
70	InApp	1	3.6
71	Intellipaat	1	5.54
72	Jaro Education	1	7
73	Kalkitech	1	5
74	LightrainsTechnolabs	1	2.4
75	Manhattan Associates	1	5.5
76	Maple Tech Space	1	5
77	Mountblue Technologies	1	4.3
78	OEN	1	2.52
79	PKJ Technologies Pvt Ltd	1	3
80	Quantiphi	1	10
81	RGC Dynamics	1	1.2
82	SFO Technologies	1	2.4
83	Sunrise Biztech Systems Pvt Ltd	1	2.8
84	Tessolve Semiconductor	1	3.37
85	Tunerlabs	1	2.6

86	TutorComp	1	2
87	Vaisesika Consulting	1	3
88	Veritas Prime Labs	1	5.5
89	VVDN	1	3.2
90	XO Bills Technology FZCO	1	4.32
91	Zerone	1	2.22
	<b>Total</b>	<b>558</b>	
		Average Package	3.83
		Maximum	10

Note: The Placement season of 2022 graduating batch started during the month of August 2021 and is still underway:

<b>Placement Status - as on 15 October 2021</b>		
<b>Graduating Year 2022*</b>		
Branch	Number of offers	Number of students placed
BTech CS	61	49
BTech EC	15	14
BTech EE	1	1
BTech EI	4	4
BTech ME	6	6
MCA	28	28
MTech PEPS	1	1
<b>Total</b>	<b>116</b>	<b>103</b>



Placement Status - as on 15 October 2021			
Graduating Year 2022*			
Sl No	Company	Number of offers	Package (LPA)
1	TCS	81	3.5
2	SOTI	5	7.5
3	Dexlock	26	3.6
4	TCS- Digital	4	7.5
	<b>Total</b>	<b>116</b>	
		Average Package	5.53
		Maximum	7.5

#### Training Programs conducted:

Date	Training program	Class
Dec-Jan 2020	Wipro Specific training - FACE (Platform based)	S8 BTech
Apr 19-22, 2021	Communication Development workshop (mPower) by Vertical Eye (24 hours - Online)	S6 EIE
Apr 23-27, 2021	Communication Development workshop (mPower) by Vertical Eye (24 hours - Online)	S6 MEA
Apr 28 - 01 May 2021	Communication Development workshop (mPower) by Vertical Eye (24 hours - Online)	S6 MEB
10 April 2021	Infosys Specific Interview Training (2hr Online)	Students who cleared Infosys test

April - May 2021 (60 hours on various days)	Technical Training (Programming) by Focus 4D career Education Pvt Ltd.	S6 CSE A & CSE B
29 May 2021 7:00PM to 8:30PM	Placement Orientation, Dr UnniKarth G, Placement-in-charge	S6 B Tech CSE
31 May 2021 6:00PM to 7:30PM	Placement Orientation, Dr UnniKarth G, Placement-in-charge	S6 B Tech ECE
16 April 2021 - 19 June 2021 (60 hours on various days)	Technical Training (Programming) by Manifold Institute of Technical Education	S6 CE-A, CE-B, ME-A, ME-B, EIE
16 April 2021 - 19 June 2021 (64 hours on various days)	Technical Training (Programming) by Pragmatix Learning	S6 ECE-A, ECE-B, EEE
2 June 2021, 7:00PM - 8:30PM	Placement Orientation, DrUnniKarth G, Placement-in-charge	S6 B Tech EIE +
5 June 2021, 7:00PM - 8:30PM	Placement Orientation, Dr UnniKarth G, Placement-in-charge	S6 B Tech EEE +
30 June 2021, 7:00PM - 8:30PM	Resume Building, DrUnniKarth G, Placement-in-charge	S6 B Tech CSE
01 July 2021, 7:00PM- 8:30PM	Resume Building, Dr UnniKarth G, Placement-in-charge	S6 B Tech EEE, EIE
02 July 2021, 7:15PM- 8:30PM	Resume Building, Dr.UnniKarth G, Placement-in-charge	S6 B Tech ECE
03 July 2021, 7:30PM- 8:30PM	Resume Building, Dr.UnniKarth G, Placement-in-charge	S6 B Tech ME
06 July 2021, 7:15PM- 8:50PM	Resume Building, Dr.UnniKarth G, Placement-in-charge	S6 B Tech CE
19 July 2021 to 15 September 2021	TCS - Digital Specific Training - Platform based (General Aptitude, Quantitative Ability, Logical Reasoning, Verbal and Advanced Programming)	S6 B.Tech& MCA
2 August 2021 - 30 October 2021	TCS - Ninja Cracker Training - Platform Based (General Aptitude, Quantitative	S6 B.Tech& MCA

	Ability, Logical Reasoning, Verbal and Programming Basics)	
30 September 2021 (7:00 PM-9:30PM)	How to face Interviews (Dr.UnniKarth G, Pragmatix)	S6 B.Tech& MCA

## QUALITY INITIATIVES IN ACADEMIC MATTERS

The Internal Quality Assurance Cell (IQAC) functioning in the college regularly monitors and reviews the quality standards followed in the institution. With focus on improving the academic ambience in the institution, the measures taken for enhancing the results, placement, research output etc are periodically evaluated. The institution has submitted the application for 2f Status of UGC. The IQAC is working to bring the activities for NAAC, NBA etc under ISO. Academic Performance Monitoring Committee under the leadership of Dr C Sheela analyses the results of the students after the series exams and suggests remedial actions to help slow learners. The Academic Progress Indicator (API) which is a standard tool in tune with the guidelines of AICTE has been refined and the refined version shall be implemented from this academic year.

As the institution is gearing up for the 2<sup>nd</sup> cycle of NAAC accreditation and NBA accreditation of Civil Engineering, Computer Applications and Management Studies departments, the implementation of a common quality template for all the accreditations is on the works. Reconstruction of the FISAT website has been initiated. The KTU and ISO audits are conducted periodically. Value added courses are offered to all students to boost their skills and knowledge. The students are actively mentored during their course of study and even upto 2 years after the completion of the course.

# ALUMNI

## FISAT ALUMNI ASSOCIATION (FISTAA)

Alumni members are always willing to share their experiences and knowledge with our students. Alumni members are invited to various events such as conferences (ICEFOSS- a national level conference on Free and Open-Source Software), workshops & annual day events every year. The college invites the Alumni members to deliver technical talks / experience-sharing sessions for the ongoing batch. Alumni working with different companies also guide the pre-final & final year students to prepare for campus placements.

The activities of various departments in the academic year 2020-21, in which Alumni was the resource person:

Type of Event	Title	Date	Alumni (Name and Designation)	Batch	Dept.
Panel Discussion	Computer Science Degree and Software Industry	6/6/2021	1. Mr. Johny James, Myntra 2. MidhunKandoth, United Layer 3. Adam Shamsudheen, Saama 4. Unnikrishnan T A, University of Melbourne	2010-14 2013-17 2008-12	CSE
Talk Concert	Life of a Data Engineer	29/3/2021	Nithish R, Data Engineer, zooplusAG, Munich, Germany	2008-12	CSE
Webinar	Cyber Security and Ethical Hacking	11/9/2021	Mr. Sreehari C P, Security Analyst, Fortune 500 Bank	2015-19	CSE
Panel Discussion	Higher Studies Abroad	19/6/2021	Bianca Kurian Smobin Vincent Balu Babu ShyamPulikan Aashin Sravan Libin Benny Midhun Suresh	2010-14 2011-15 2012-16 2014-18 2015-19	ME

Webinar	Sensitisation of Design, CEED, M.Des& Opportunities	10/6/21	Mr Manu T M, Researcher / Designer, Hero Motocorp, M.Des IISc Bangalore	2010-14	ME
Webinar	How to prepare effectively for GATE exam & possibilities after the exam	7/6/2021	Mr.Harikrishnan J, GATE 2021 All India Rank Holder	2012-16	ME
Webinar	Career opportunities in the government sector for a B.Tech Mechanical graduate	30/3/2021	Mr. Sanjay Sanil, Senior Section Engineer, South Western Railways	2010-14	ME
Webinar	Landing your first job	24/3/2021	Mr. Kishore Nair, GM, Corporate Sales, Pikkol	2009-13	ME

# DEPARTMENT OF CIVIL ENGINEERING





CIVIL ENGINEERING			
MAJOR ACTIVITIES			
Sl No	NAME OF THE EVENT	NAMES OF THE RESOURCE PERSON/GUESTS	DATE
7	Webinar on "Biodiversity and Civil Engineering"- World Environment Day	Mr. Jawahar Saud, Assistant Professor, Department of Civil Engineering, FISAT	5 Jun 20
8	AAVISHKAR 20- Student projects for the course were displayed in a DIGITAL exhibition and video presentation competitions were held. Best projects were also awarded.	Students	17 Jun 20
9	Webinar on the topic "Environmental Impact Assessment process with special reference to Water Resources Projects"	Jayakumar P Senior Principal Scientist & Head, Environment and Climate Change Studies Division KSCSTE-CWRDM, Kozhikode	22 Jun 20
10	Introduction to LaTeX Hands on Training	Dr.UnniKarth G	7 July 2020 to 10 July 2020
11	Pre - Engineered buildings in smart cities	Marvel Magnum, Chennai	13 Jul 20

The department is actively involved in consultancy services in the area of Material Testing and Design.

<b>MAJOR ACTIVITIES</b>			
<b>No</b>	<b>Name of the event</b>	<b>Names of the resource Person/Guests</b>	<b>Date</b>
1	Kerala Floods 2018, Webinar	Ms. Athira P, Assistant Professor, IIT Palakkad	5 Dec 2020 Saturday
2	QGIS-Hands on Training, Webinar	Mr. BibinHezekiel, GIS Analyst	12 December 2020
3	Overview of building rules, registration and approval procedures	Dr.UnniKarth G, Jawahar Saud S	5,6,16 Dec 2020
4	CONSILIO 2020- Student projects for the course were displayed in an exhibition and poster presentation competitions were held. Best projects were also awarded.	Staff & General Public	17 December 2020
5	Alumni Interaction - Mr. Ananthu Krishnan	Mr. Ananthu Krishnan, Founder & CEO, ProLeap	29 March 2021
6	SECON'21	SECON reviewers, chairs and keynote speakers	12 May 2021 to 14 May 2021
12	BIM and beyond	Mr. Midun Das, Corporate trainer,BIM consultant-UAE	20 Aug 20
13	BIM workshop - Modelling in REVIT	Dr. Asha Joseph, Mr. Sreerath S and Ms. Gayathri Krishnakumar.	7 Aug 20
12	BIM and beyond	Mr. Midun Das, Corporate trainer,BIM consultant-UAE	20 Aug 20
13	BIM workshop - Modelling in REVIT	Dr. Asha Joseph, Mr. Sreerath S and Ms. Gayathri Krishnakumar.	7 Aug 20
14	Artzy Crazy Quizzard	Akhil Valakom	5 sep 20
15	It's Okay-Mental Health Campaign: Launch	ASCE Student Chapter Volunteers	29 sep 20
16	Construction or Design	Er Nalath Williams, Project Designer, Core States Group, USA	7 Oct20

17	It's Okay-Mental Health Campaign: Interview with Expert World Mental Health Day	Mathew Jameson, Clinical Psychologist, Hyderabad	10 Oct 20
18	Corosta 2k20	Students arts event	16 Oct 20
19	Exploring my backgrounds as a civil engineer and my experience in college	Philip Pachade, LEED GA, Tunnel Engineer, New Jersey, USA	30 Oct 20
20	ASCE Day-Supplementary Materials for concrete in association with ICI student chapter, Amrita University	Er L S Kaman, JGM & Head Concrete Management Department L&T Construction	5 Nov 20

#### **ACHIEVEMENTS (STAFF, STUDENTS AND DEPT.)**

<b>No</b>	<b>Name of the Achievement</b>	<b>Recognized by</b>	<b>Date</b>
	Ms. Jiji Antony Awarded PhD	CUSAT	July 2020
	Ms. Neeraja Nair	Summer Faculty research development programme organized by IIT, Delhi	1-6-2020 to -7-2020
	Ms. Panjami K	Summer Faculty research development programme organized by IIT, Delhi	1-6-2020 to 2020
7	10 Grade point in KTU S7 BTech Degree Exams Swetha Maria Charles, S7 CEB Krishnapriya V S, S7 CEB	KTU	
8	9.00 CGPA and above in KTU S7 BTech Degree Exams C T AhammedThanveer, S7 CEA Aiswarya R Nair, S7 CEA AkhilaShaju, S7 CEA Aiswarya Prasanth, S7 CEA Nithul T C, S7 CEB Aswathy Madhu, S7 CEA Susan Bejoy, S7 CEB	KTU	

	Vimble Varghese, S7 CEB Swetha Dinesh, S7 CEB Ayana Stanly, S7 CEA Sankeerthana G S, S7 CEB Abijith P Vinod, S7 CEA Fathimathul Hadiya Kabeer, S7 CEA Karthika Aravind, S7 CEB Megha Krishnan, S7 CEB Neha Shabir, S7 CEB Rose Maria, S7 CEB Sarath Dileep, S7 CEB		
9	9.00 CGPA and above in KTU S5 BTech Degree Exams Divya S, S5 CEA Koushik P, S5 CEB Theresa Jojo, S5 CEB Navya K, S5 CEB Krishnanunni S, S5 CEB Sneha Saji Mathew, S5 CEB Apsara S Baiju, S5 CEA RaslanaRahaman, S5 CEB Dean Joshy, S5 CEA Aleena Sajan Abbas, S5 CEA Gayathri S Kumar, S5 CEA Devasena P M, S5 CEA	KTU	
10	Placements SUTHERLAND Abijith P Vinod,Afrin Ameena, Ajay Suresh,Aman Saju, Fathima Nizwa V S,JohnJoseph,Malini V M,Paul Bose, Sankeerthana G S,ShehzadAnwar,Sruthi U Krishnan,Subin Abraham Jacob,SwethaDinesh,Swetha Maria Charles MITSOGO		

	Swetha Maria Charles,TCS Alok A Xavier,C T AhammedThanveer,Susan Bejoy,INFOSYS Christy Paul, CTS Karthika Aravind,FACE Neha Shabir		
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#### PUBLICATIONS

No	Name of the author	Number of publications	National/International
1	Jawahar Saud S	3	International conferences
2	Dr Asha Joseph	2	International conference
3	Beena B R	1	International
4	Dr. <u>UnniKantha</u> G	2	International conferences
5	Lidiya P M	1	International conference
6	Rinu J Achison	2	International conference
7	Sowmya V Krishnankutty	1	National conference
8	Keerthi Sabu	1	National conference
9	Preethi M	2	International conference
10	Dr Jiji Antony	2	International conference
11	Panjami K	1	International conference
12	Reshma Prasad	1	International Conference

Google Meet interface showing a presentation slide titled "BIM Objects". The slide content is as follows:

**BIM Objects**

BIM objects, the components that make up a BIM model, are **intelligent**, have geometry, and store data.

If any element is changed, BIM software updates the model to reflect that change.

This allows the model to remain consistent and coordinated throughout the entire process so that structural engineers, architects, MEP engineers, designers, project managers, and contractors can work in a more collaborative environment.

On the right side of the screen, a vertical list of participants is visible, including: rina achian, Asha Joseph, Kameela Nair, GAYATHRI, and sandhya marla charles.

Google Meet interface showing a presentation slide titled "BIM BUILD OPERATE". The slide content is as follows:

**BIM BUILD OPERATE**

The slide features a central circular diagram with "BIM" in the center, surrounded by "DESIGN", "BUILD", and "OPERATE". Surrounding this central diagram are various icons and labels representing different stages of the BIM process:

- Analysis (with ZONE 1, ZONE 2, ZONE 3, ZONE 4 labels)
- Documentation
- Construction Planning & Fabrication (with 8,672,800 and 1,243,780 labels)
- Construction 4D / 5D (with MILESTONE label)
- Construction Logistics
- Renovation and Retrofit
- Conceptual Design
- Detailed Design

At the top of the screen, participant names are visible: Unni Kartha, Apsara, and Yadu krishna.s. The bottom of the screen shows a toolbar with icons for Unmute, Start Video, Participants (51), Chat, Share Screen, Record, Reactions, and a Leave button.

On the right side, a chat window is open with the following messages:

- think so
- From Yadu krishna.s to Everyone: lack of skilled workers
- From JOEPAUL SOJAN to Everyone: Stringent Labour Law
- From Apsara to Everyone: sustainability
- From JOEPAUL SOJAN to Everyone: economic recession
- From Stanly K.A to Everyone: Engineers
- From Vaishnav NT to Everyone: civil engineer
- From Saliha C S to Everyone: strength of building
- From JOEPAUL SOJAN to Everyone: time duration
- From Yadu krishna.s to Everyone: nop

At the bottom of the chat window, there is a "To: Everyone" dropdown, a "Type message here..." input field, and buttons for "File" and "..." (more options).



# **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



<b>MAJOR ACTIVITIES</b>			
<b>No</b>	<b>Name of the Event</b>	<b>Resource Persons /Guests</b>	<b>Date</b>
<b>Add On Courses</b>			
1	AWS (Amazon Web Services) by ASAP	Dr.Jyothish K John	April - Oct, 2021
2	Google ACE, ASAP	Ms. Anitha T Nair	May – Oct, 2021
3	CDNS	Dr. Prasad J C, Ms. Jismy Mathew	Oct 2019 - July 2021
<b>Programs</b>			
1	National Conference on Open Source Software ICEFOSS 2020	Naufal Ibrahim ,Free Software Consultant and Trainer JohnnyJames,Senior Software Engineer at Myntra MidhunK,Senior Software Engineer at United Layer Adam Shamsudeen, Research Engineer at Saama Dr SreerajM ,Assistant Professor	3-4 FEB 2020
2	ACCTHPA 2020 ,Fifth International Conference on "Advanced Computing and Communication Techniques for High Performance Applications	Dr. S D Madhu Kumar, Professor of CSE Dept. & Dean ( SW) ofNIT Calicut Mr. Fabin Rasheed Pretia, Japan.Mr. Sreelal T S Delivery Head, Strategic Program, TCS	2-4 July 2020
3	Online Panel Discussion on the future career opportunities in IT, organised by ICT Academy of Kerala supported by Amazon,TCS,EY,InApp,KTU and Govt.ofKerala	ICT Academy of Kerala	8 May 2020
4	Webinar Topic: Common Mistakes in Campus tests and Job interviews	Mr.NavinKabra, cofounder and CTO of ReliScore:"	19 May 2020
5	Webinar: Future of Work : Opportunities and Challenges	Mr Sreejith K, Senior manager,CTS	24 June 020

6	Webinar: An interactive session on "Opportunities in Design	Mr Ashwin Kurian Wilson	1 Aug 2020
7	Webinar: "Introduction to Digital Twin & its Applications"	Mr BibinManuel ,Lead Microsoft Azure COE,TCS	28 JULY 2020
8	Webinar Topic:"Web App Development using Bootstrap and Hosting	Mr Mr. Anish S Nair Co-Founder & CEO, Logix space	24 JULY 2020 .
9	Webinar: Post graduate certification in AI for BFSI	11T Roorkee & Wiley	21 AUG 2020
10	Introduction to Linux Hack Life for Free*	FISAT Free Software cell	14-16 AUG 2020.
11	Webinar: Building Expectations and Building Professional Competencies	Mr Mohammad Farhan Security Consultant,Synopsys SIG	29 JULY 2020
12	Webinar: Blockchain And Hyperledger Framework	Mr Parthiban Selvaraj Block chain Architect Researcher and Design Thinking Practitioner at TCS.	6-7 AUG 2020
13	Global Career Opportunities & Placements	Mr Sony Varghese	5 NOV 2020
14	PV Mathew Memorial Debate Competition:	Thyra	26-27 sept 2020
15	HACKTOBERFEST	Jacob Herrington	10 OCT 2020
16	VIZIA-Hands on workshop on Computer Vision using fast.ai	Ms. Lauren Pfeifer, Data Scientist,SanFrancisco, Callifornia	21 Nov 2020
17	Handon Workshop on Block Chain	Mr.Melwin Sunny and Ms.Lakshmi M B, Research & Development Engineer, KBA	23 Nov 2020
18	Webinar Topic:"Web App Development using Bootstrap and Hosting	Mr. Anish S Nair Co-Founder & CEO, Logix space	24 JULY 2020
19	Webinar: Post graduate certification in AI for BFSI	11T Roorkee & Wiley	21 AUG 2020
<b>ACHIEVEMENTS (STAFF, STUDENTS AND DEPARTMENT)</b>			
No	Name of the Achievement	Recognized by	Date
1	Mr Jestin Joy	Ph.D, CUSAT	June 2020

2	Dr. Paul Mathai	Talent Next Wipro Certified Faculty Exam'	Aug 2020
3	DR. J C Prasad	Selected as International judge by Kerala Technological University for judging FinastraHACKathon	October 2020
4	Dr.Jestin Joy	Project Fund from KTU (Fab Lab)	
5	Dr.Jyothish K John	AWS certified Cloud Practitioner Certification Awarded	30th January, 2021
6	Dr.Jyothish K John Ms. Hansa J Thattil Ms. Jinu Mohan	Publication of Annual News Letter ICON -21	3rd May, 2021
7	Mr. Mahesh C Mr. Rajesh R	Setting up and Maintaining Edx , WebEx Learning Platforms, Face Recognition attendance system implementation.	2019-21
8	George Puthanangadi (S8 CSE A)	EEE Outstanding Students Award Kochi Subsection	2nd January, 2021
9	Mohammed Nihal (S4 CSE B)	Developed Placement Portal for ASAP, Govt. of Kerala	
10	1.Nelvin Poly (S8 CSE B) 2.Kiran Baby (S8 CSE B) 3.Rahul M M (S8 CSE B) 4.Sahal S K (S8 CSE B)	Third position in Game Development competition conducted by IIT Bombay	
11	Mohammed Nihal and team (FISAT Consultancy Service), S4 CSE	Completed modules of LIBRARY AUTOMATION, FISAT	

#### **PUBLICATIONS**

No	Name of the Staff	Number of Publications	National/International
1	Dr. Paul P Mathai	5	International
2	SiyamolChirakkarottu	1	International
3	Dr.Jestin Joy	3	International
4	Hema Krishnan	3	International
5	Dr. Prasad J C	1	International
6	Pankaj Kumar G	2	International
7	Chethna Joy	1	International

#### **SPORTS/CLUBS/CENTRES/ASSOCIATIONS/CELLS/NSS ACTIVITIES**

Name of the Activity	Resource Persons /Guests	Date
<b>FFSC</b>		
National Conference on Free Software, ICEFOSS-2021	Dr.Sreeraj M, Pankaj Kumar G, Sherfin S	29th - 30th Jan, 2021
<b>ACM</b>		
IoT Workshop by a part of 'Edge+'	Ashik M S	18th - 21st May, 2021
Graphic Designing Workshop	Ms. Angela Johnson (Freelance Graphic Designer at Ireland)	29th May, 2021
Webinar on "Basics of Elliptic Curve"	Dr Anil Kumar M N (Professor, Dept. of ECE, FISAT)	4th February 2021
Webinar on 'Career Guidance'	Mr. Aswin P Chandran (Director Edzumo Pvt Ltd.)	17th May 2021
'Ask Me Anything' session	Mr. Rahul Maheshwari (Solutions Engineer, Google)	11th May 2021
<b>THYRA-CSE ASSOCIATION</b>		
Talk Concert – "Life of a Data Engineer"	Mr. Nithish R (Alumni 2008-12)	29 March, 2021



CCRC team of CSE dept. participated in Hackmania 3.0, a South India level 36 hour hackathon held at PES college Mandya, Mysore and secured third prize with a cash award of rs:20,000 in the biomedical and health .





**Congratulations  
on your achievement  
Anil Unnikrishnan  
(2008-2012 CSE)  
Being a part of the  
SAMSUNG STAR LABS  
which launched  
“Artificial Humans”  
NEON  
Product team lead by  
PRANAV MISTRY  
FISAT is proud of you!!!!**



# DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



## MAJOR ACTIVITIES

Sl No	Name of Activity	Name of resource persons	Date
1	PECON-21, International Conference,	1. Dr.Ned Mohan, University of Minnesota, US 2.Dr.Chem Nayar, Curtin University, US 3. Dr.Yuvanrui Sang, University of Texas 4. Dr. Hossam A Gabbar, Ontario University, Canada 5. Dr. Nitin Padmanabhan, Ontario University, Canada 5. Dr.Rajeevan P P, IIST, Thiruvananthapuram	1,2 February 2021
2	Hands on workshop, Design of magnetic circuit	Jyothi G K, Asst. Professor, EEE Dept, FISAT,	7 April, 2021
1	KSEB Seminar College Level		28 Jan 2020
2	MEP Seminar		29 Jan 2020
3	First Aid Training	Dr. Natasha, Emergency Medicine Department, MAGJ Hospital Mookkannoor.	12 Feb 2020
4	Virtual Project Expo Illuminar <a href="https://sites.google.com/view/illuminar2k20">https://sites.google.com/view/illuminar2k20</a>		22 June 2020
5	Alumni Webinar Series	Jose Baby Parackal (2003 - 2007) Chief Design Engineer, HVDC Engineering Department, Corporate Center, Power Grid Corporation of India Ltd., Gurgaon Webinar on "Basics of HVDC Transmission"	26 June 2020
6	Alumni Webinar Series	"Sajith R.P (2005 - 2009) former Power Systems Engineer, Strands Energy Pvt. Ltd. Infopark Thrissur"	27 June 2020

		Webinar on "An overview of Energy Management and Control in Micro •d"	
7	Alumni Webinar Series	"Mathew K. Erali (2004 - 2008) Business Manager, Cisco systems, Bengaluru" Webinar on "ups and downs of corporate life"	30 June 2020
8	Alumni Webinar Series	soorya P. (2010 - 2014) Technical Evangelist, OHO Solutions, Palakkad Webinar on "If I can, definitely you can"	4 July 2020
9	Alumni Webinar Series	"Dijo Jose Antony (2006 - 2010) FILM DIRECTOR, Owner of La Cochin Entertainments, Former Software Engineer, (IBS and Thinking Code Technologies)" Webinar on "when passion turned into profession"	11 July 2020
	Introductory session of Industry Oriented Online Training Program in association with KSEB Engineers' Association on the topic "Transmission SCADA"	"Mr.Muhammed Nadeer T. M. (Assistant Engineer, 220kV Substation, Brahmapuram). "	16 July 2020
	Alumni Webinar Series	Alexander Kurian (2002-2006) Team Leader, International Vitamin Corporation, USA Webinar on "Ride the Tide"	17 July 2020
	Industry Oriented Online Training Program in association with KSEB Engineers' Association on the topic "Transmission SCADA"	Mr.Muhammed Nadeer T. M. (Assistant Engineer, 220kV Substation, Brahmapuram)	23 July to 12 Aug 2020
	Alumni Webinar Series	Reeshma Rameshan IPS (2010 - 2014) ASP, Narcotic Cell Kannoor Webinar on "Unlocking the myths about Civil Service Dream"	25 July 2020

	Add On Program	Introduction to LaTeX A documentation software "Dr.UnniKarth G Professor, Dept. of Civil Engineering, FISAT"	28 -30 July 2020
	Industry Oriented Online Training Program in association with KSEB Engineers' Association on the topic "Transmission SCADA"	Mr.Muhammed Nadeer T. M. (Assistant Engineer, 220kV Substation, Brahmapuram)	23 July to 12 Aug 2020
	Alumni Webinar Series	ReeshmaRameshan IPS (2010 - 2014) ASP, Narcotic Cell Kannoor Webinar on "Unlocking the myths about Civil Service Dream"	25 July 2020
	Alumni Webinar Series	Sreehari S Menon (2010 - 2014) Associate Manager, Branding and Marketing, Digit General Insurance, Bengaluru Webinar on "What Engineers can also do"	1 Aug 2020
	FDP	edX Training Dr.UnniKarth G Professor, Dept. of Civil Engineering, FISAT	17 Aug 2020
	Webinar as part of "World Energy Day"	Webinar on Energy Conservation Act Dr. R Harikumar, Director(in charge) Energy Management Centre, Kerala Mr. Johnson Daniel (Head NMEEE & DSM Division), EMC, Kerala"	22 Oct 2020
	Learn from Great Minds	Ms. Neethu George Scientist, Power System Research, Hitachi ABB Power Grids, Bangalore "Power System Challenges and Role of Smart Grids"	31 Oct 2020
	Alumni Webinar Series	Sreehari S Menon (2010 - 2014)	1 Aug 2020

		Associate Manager, Branding and Marketing, Digit General Insurance, Bengaluru Webinar on "What Engineers can also do"	
	FDP	edX Training Dr.UnniKarth G Professor, Dept. of Civil Engineering, FISAT	17 Aug 2020

## PUBLICATIONS

Sl No	Name of staff	Number of publications	National/International
1	Dr.Rabiya Rasheed	1	International
2	Rinku Scaria	2	International
3	Surya Natarajan	1	International
4	Sreeja E A	1	International

## ELECTRA ASSOCIATION ACTIVITY

Sl No	Name of the activity	Resource person
1	Disegno -online 3rd year project expo	
2	Hands-on workshop on Magnetic Circuit Design of Power Electronic Converters	Ms.Jyothy G K, Asst. Professor, EEE Dept.
3	Techfest-TecHertz 2021 Promo Release	
4	Tecfest-Invited talk on Introductory Session on Home Energy Audit	Mr. Aneesh Rajendran, Energy Technologist, SME & Utility, EMC
5	Workshop on Arduino	Mr.MuhammedNoufal, Assistant Professor, EEE Dept.,Fisat
6	Techfest-Techertz: Competitions-Electronova,ISWA	Students
7	Iluminar 2021-Virtual Final year Project Expo of 2017-21 batch	Sreevidya P, Asst, Professor, EIE Dept, FISAT



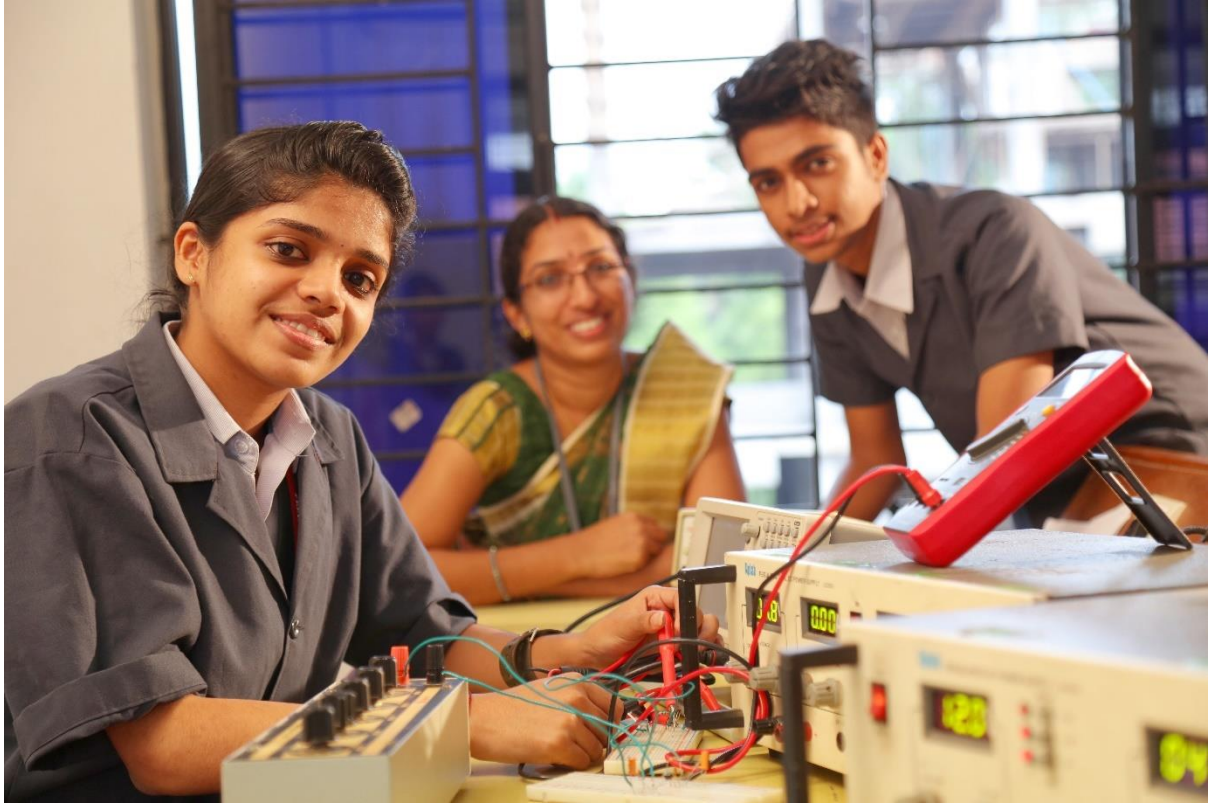
**Congratulations  
on your achievement  
Reeshma Rameshan IPS  
(2010-2014 EEE)  
for being the first  
Woman  
Asst. Superintendent of  
Police (ASP)  
at  
Perinthalmanna  
MALAPPURAM DISTRICT  
FISAT is proud of you!!!!**

### **144<sup>TH</sup> RANK IN CIVIL SERVICE**

Our Alumni Ms Reeshma Remeshan secured 144th rank in all India Civil Service examination.  
She is posted in IPS Cadre



# DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



MAJOR ACTIVITIES			
Sl No	Name of the Event	Name of the Resource Person	Date
1	Two-day workshop on “Basics of programming in python	Mr. Pankaj Kumar G, Asst. Professor, CSE	21-1-2021
2	FDP on reference management tool- Mendely	Mrs. Dhanya S, Asst. Prof Mrs. Neena K A, Asst. Prof. ECE	28-1-2021
4	Add on course on computer vision and AI	Noble G, Asst. Prof. Pearlsy PV, Asst. Prof. Sreelekshmy S, Asst. Prof. ECE	--
5	Add on course on Python for data visualisation	Basil K Jeemon, Asst. Prof. Manju CP, Asst. Prof. Bini VK, Asst. Prof. Elza George, Asst. Prof. ECE	--
6	Add on course on Industry oriented semicustom layout designing using Microwind and Cadence	Nimmy M Philip, Asst. Prof. Deepa N R, Asst. Prof. Anoop EG, Asst. Prof.	-----
	MoU signing with Luure.ai, Techno park, Trivandrum		16-07-2020
	Inauguration of Agnitio 2K20 and ECHO webinar series		16-07-2020
	Webinar on Artificial Intelligence	Mr. Krishnakumar	15-07-2020
	ECHO webinar series (total 8 completed)		
	Conducted Online farewell for final year students of ECE.		24-08-20
ACHIEVEMENTS			
Sl No	Name of the Achievement	Recognised by	Date
	Athira S secured First Rank in B T ECE (2016-2020) with a CGPA of 9	APJ Abdul Kalam	5/10/2020



		Technoloical University	
	Lakshmi Vijayan N secured Eig Rank in B Tech ECE (2016-2020) v a CGPA of 9.63	APJ Abdul Kalam Technological University	5/10/2020
	Invited reviewer for '2020 IEEE 17th India Council International Conference (INDICON)'	Basil K Jeemon	
	Mrs. Subha Thomas provisionally admitted for Ph.D programme	Avinashilingam University, Coimbatore	24-1-2021
	67 students of B.Tech final year received total offer of 105		
<b>PUBLICATIONS</b>			
Sl. No.	Name of the Faculty	Number of Publications	National/International
1	Dr, Anil Kumar MN	1	International Journal
2	Basil K Jeemon	3	International Conference
3	Nimmy M Philip	1	International Conference
4	Deepa NR	1	International Conference
5	Anoop EG	1	International Conference
6	Bejoy Varghese	3 1	International Journal International Conference

## ACTIVITIES OFECHO (ELECTRONICS & COMMUNICATION HEURISTICS

### ORGANIZATION

SI No	Name of the activity	Type of event	Resource person
1	Channelizing Youth Power to Build the Nation	Invited Talk on National Youth Day	Mr. Anand J, Software Engineer, Dell EMC, Bangalore
2	Techxido 20	Design Project exhibition	1. Hrishikesh Dilip, Senior Embedded software engineer, VVDN Technologies 2. Aravind K Jayan, Engineer,

			Digital Core Technologies.
3	Phototronics 2021	Photography competition	1. Novel Vindhyan, Assistant director, Film industry
4	What after B.Tech?	Webinar	1. Aswin P Chandran, Founder director of Edzumo Pvt Ltd, Director of CGP Career Avenues
5	Talk on Iron dome	Poster presentation	1. Rita Roy, Student, S2 ECE B (2020 admission)
6	Scope of semiconductor industry - Talk 1	Add on course based technical talk Course name: Industrial oriented Semi custom layout design using Cadence and Microwind tool	1. Anfy Francis, Senior Lead Engineer, Cerium Systems, Tech Mahindra, Bangalore
7	Scope of semiconductor industry - Talk 2	Add on course based technical talk Course name: Industrial oriented Semi custom layout design using Cadence and Microwind tool	1. Dr.AvinashYadlapati, Senior director- Engineering, MiraFra Technologies, Hyderabad
8	Evolution of computer hardware and operating systems	Technical talk based on the subject: EST 102 - Programming in C	1. Mr. Jitesh V, Manager (Network administration) & Technical Head, FISAT
9	Career opportunities in VLSI for freshers	Webinar based on the subject: EC304- VLSI	1. Ms. PonniMohanakumari, Manager- Training and Development, CIENTRA Tech Solutions, Bangalore



# Federal Institute of Science And Technology (FISAT)<sup>®</sup>

**Department of Electronics & Communication Engineering**

## Congratulations Athira & Lakshmi



ATHIRA S (FIT16EC046)

secured **1<sup>st</sup>** Position in B.Tech  
ECE (2016-20) of APJ Abdul Kalam  
Technological University  
with a CGPA of 9.83



LAKSHMI VIJAYAN N (FIT16EC081)

secured **8<sup>th</sup>** Position in B.Tech  
ECE (2016-20) of APJ Abdul Kalam  
Technological University  
with a CGPA of 9.63

**BEST WISHES FROM FISAT FAMILY**

# **DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING**



## MAJOR ACTIVITIES

No	Name of Event	Resource person/ Guest	Date
01	2 Weeks PLC training Online & Offline (Hands on Training)	TorkWell Automations	January 2021
03	Webinar on PLC next Technology	Mr. Vishal Kumar & Dr. Anja Schulz (Master Project Manager, Tech Education, Germany)	28-05-2021
04	Webinar on Opportunity in Industrial Automation Field	Mr. Joy Issac, Director, Drawout, Denmark	14-05-2021
06	Training in Object Oriented Programming with JAVA Value Added Program (30 Hours)	Ms. Anitha T Nair	Started in April 2021
	Department of Electronics & Instrumentation signed Memorandum of Understanding with two industries on 5 <sup>th</sup> & 6 <sup>th</sup> of February 2020. Through this Students of Electronics & Instrumentation, FISAT can undergo internships and do their projects in these companies o Heman Robopark, Mookkannoor, Angamaly (Largest automated multilevel car parking system manufacturers) o Quartet Balloons, Keerampaara, Kothamangalam ( fully automated high quality balloons manufacturers)	Dr. George Issac, Principal	5-02-2020
	3 Hours Online training class on technical drawings in industry for IV year EIE students	THEIA New Consultancy LLP, Mumbai.	28-03-2020, 29-03-2020
	Conducted intercollegiate online idea pitching contest	College & Schools students	20-03-2020
	Webinar on scope of Instrumentation Engineering In association with NSS Palakkad Engineerin College	Engineering Aspirants across Kerala(>300 participants) Mr. Murali Thummarukudy was key note speaker	09-08-2020

## MAJOR ACHIEVEMENTS

No	Name of Achievement	Recognised by	Date
01	Received Rupees 1 lakh as fund from AICTE -SPICE scheme for students' association	AICTE	April 2021
02	Engineering level winners-TESLA21, Idea Pitching & project competition	EEE department of MES College, Kuttipuram supported by IEEE Malabar Subsection	15/03/2021
03	2nd prize - for AgriHack 2021 Reshma R, Haridev Sankar, Derin T Jose, Amrutha M (2018 Batch EIE) Sreevidya P (Mentor)	Govt of Kerala, Agriculture Department	On Feb 11,12 & 13, 2021
04	Finalist of India International Science Festival conducted by Government of India - Reshma R, Kiran Raju, Ashwanth(2018 Batch EIE), Sreevdiya P, BeenuRiju (Mentors)	Government of India	22/12/2020
05	Rupees 25000 Research fund -Ms. Raji P	Harvard Medical School	May 2021
06	Evaluators of Toycothon 2021 -Ms. Sreevidya P, Ms. Raji P	Government of India	22,23 & 24 June 2021
07	Received honorarium and recognition from MHRD for NPTEL text translation -Ms.Lakshmi Nandakumar	MHRD- Govt. of India	2021
08	Received top performing mentor award consecutively for the 7th time for mentoring students and getting 100% result (course: Deep Learning)- Ms.Lakshmi Nandakumar	NPTEL	
09	Took part in Guinness book of world Record - AI for India conducted by AICTE- Ms. Shruthi Bhaskaran, Ms. Lakshmi Nandakumar	AICTE	24th-25th April 2021
10	Finalist for Lilavati award - Athulya Sreekumar, M Vishnu, Yadu Krishnan (2017 Batch EIE), Ms. Raji P (Mentor)	AICTE	2021

11	Under the leadership of Ms. Raji P. Mr. Ajay Peter of S6 EIE, developed UV Mask sanitizer and handed over to Government Taluk hospital, Angamaly.	Department of Education - Govt of India	07-07-2020
12	Second year students under the leadership of Ms. Sreevidya P, is designed and created Covid -19 dashboard for the information of general public.		
13	Mr. Ajay Baby & Mr. Vishnu K S of S6EIE won first prize with a cash prize of Rs. 1, 00,000 in India Skills Kerala 2020, State level finals in the category Mobile Robotics.	India Skills Kerala 2020	
14	Ms. Athulya Sreekumar, Ms. Bhavya P, Ms. Raichu Mary Mathew & Mr. Ajay Baby with the guidance from Mrs. Raji P, Assistant Professor, EIE participated in Young Innovators program (2019-2022)KDISC& KSUM & got prize for their project "Sonic Sanitary Cleaner" at state level competition	Young Innovators program (2019-2022)KDISC& KSUM	
15	The above team along with YadhuKrishna, Mr. M Vishnu was also the finalists of Smart India Hackathon (AICTE).	Smart India Hackathon (AICTE).	
16	Secured bronze medal at Wako Indian open International kickboxing 2020 tournament held at Talkatora Indoor Stadium, NewDelhi	Mr. Akash Anil, S6 EIE	

## PUBLICATIONS

Sl No.	Name of the author	No. of publication	National/ International
01	Raji P	02	International
02	Sreevidya P	02	International
03	Lakshmi Nandakumar	01	International
04	BeenuRiju	06	National



05	S.Sundararajan	01	International
06	Anil Johny	01	International
07	Anila Mathew	02	International

## PLACEMENTS

B.Tech	No. of students placed	No. of offers
EIE	11	19

## UV SANITIZER 2020

23.01.2020



Mr Roji M John MLA handing over the UV sanitizer developed by the students of Electronics and Instrumentation Engineering to Govt Taluk Hospital, Angamaly



# DEPARTMENT OF MECHANICAL ENGINEERING



## MAJOR ACTIVITIES

Sl.No.	Name of the Event	Name of Resource / Person Guest	Date
1	National Science Day Celebrations 2021: Erudite Lecture Series	Dr.Tessy Thomas, Director General (Aero), DRDO	5th March 2021
2	International Conference on Sustainable materials, manufacturing and Renewable Technologies-2021 i-SMaRT 2021(Sponsored by AICTE)	<ul style="list-style-type: none"> <li>• Dr. D P Kothari,</li> <li>• Dr. Babak Anasori</li> <li>• Dr. Mikhail Borisovich Babenkov</li> <li>• Prof. Harris Makatsoris</li> <li>• Sunil Pathak</li> <li>• Dr. Nidhi MB</li> <li>• Dr. Harish Sarma Krishnamoorthy</li> <li>• Dr. Sanjay Mavinkere Rangappa</li> <li>• Dr. Saravana Kannan Thangavelu</li> </ul>	22nd - 23rd April 2021
3	Webinar	Mr. Sathish Ullathil Founder & Technical Consultant Learning solutions.	1/7/2020
4	Faculty development program (FDP) on Advances in Material Engineering and Sustainable Manufacturing	Dr .Raghuraja Pandiyan K NIT, Wrangal	10/8/2020 (one week)
5	FDP	Dr. D Kesavan 11T ,Palakkad	10/8/2020
6	FDP	Dr.Lijo Paul St. Josephs college of Engg.Pala	11/8/2020
7	FDP	Dr. Basil Kuriachan NIT, Calicut	11/8/2020

Sl.No.	Name of the Event	Name of Resource / Person Guest	Date
8	FDP	Dr. Ajay Kumar 11T, Tirupati	12/8/2020
9	FDP	Dr. Sunil Pathak University of Malaysia Pahang, Malaysia	12/8/2020
10	FDP	DR. Sumesh A Amrita Vishwa Vidyapeetham Coimbatore	13/8/2020
11	FDP	Dr.BabokAnsori Purudue School of Engg. & Technology Indianapolis, USA	13/8/2020
12	FDP	Dr. Srinu Gangolu NIT, Calicut	14/8/2020

#### ACHIEVEMENTS (STAFF/STUDENTS/DEPT)

Sl.No.	Name of the Achievement	Recognized by	Date
1	Mr. Sanjo George of MCA 2017	Won 9.12 CGPA and third position in the results of MCA examinations conducted by APJ Abdul Kalam Technology University , Kerala.	September 2020
2	Mr. Dibin Jose of MCA 2018 Regular Batch	started a new venture 'CONEX365', which is an edu Corp consultancy & elearnin startup	April 2020
3	Mr. sanjo George of MCA 2017	Won 9.12 CGPA and third position in the results of MCA examinations conducted by APJ Abdu IKalam Technological University , Kerala.	September 2020
4	Sunny Alukka (S8 ME A )	AICTE	Feb 2021

Sl.No.	Name of the Achievement	Recognized by	Date
1	Mr. Sanjo George of MCA 2017	Won 9.12 CGPA and third position in the results of MCA examinations conducted by APJ Abdul Kalam Technology University , Kerala.	September 2020
2	Mr. Dibin Jose of MCA 2018 Regular Batch	started a new venture 'CONEX365', which is an edu Corp consultancy & elearnin startup	April 2020
3	Mr. sanjo George of MCA 2017	Won 9.12 CGPA and third position in the results of MCA examinations conducted by APJ Abdu IKalam Technological University , Kerala.	September 2020
	Issac Paul (S8 ME A) Dr.Rejeesh C R (ME dept) - Selected to the National Convention of 4 <sup>th</sup> AICTE - Chhatra Vishwakarma Awards 2020 that recognize and honour innovative projects from students displaying exceptional skills in different categories		

## PUBLICATIONS

Sl.No.	Name of Staff	No. of Publications	National/International
1	Dr Rejeesh C R	5	International
2	Dr. Jose Cherian	1	International
3	Dr.Midhun Paul	1	International
4	Anoop Sankar	1	International

Sl.No.	Name of Staff	No. of Publications	National/International
5	Arun Kulangara	1	International
6	Devi Parvathy S	1	International
7	Sajan S	1	International
8	Tom Anto	1	International
9	Harish T M	1	International
10	Ranjith Joy	1	International
11	Rahul V	1	International
12	Suni Mathai	1	International

#### ASSOCIATION ACTIVITIES

Sl.No.	Name of the Activity	Resource Person/Guest
1	A talk on landing your first job Date: 24 March 2021	Mr. Kishore Nair, GM, Corporate Sales, Pikkol
2	A talk on career opportunities in the government sector for a B.Tech Mechanical graduate Date: 30 March 2021	Mr. Sanjay Sanil, Senior Section Engineer, South Western Railways
5	What After B.Tech exclusively for Mechanical Students, Date: 15 May 2021	Resource Person: Aswin P Chandran, Founder Director of Edzumo Pvt .Ltd, Director of CGP Career Avenues

Sl.No.	Name of the Activity	Resource Person/Guest
7	Panel Discussion on Higher Studies Abroad Date: 19 June 2021	1) Shyam Pulickan, MSc in Aeronautical Mechanics and Energetics, ISAE-ENSMA, France 2) Libin Benny, Msc. Engineering Management (Operations), Coventry University, United Kingdom 3) Aashin Sravan, Junior Controls Engineer, AMS Automated Manufacturing Systems Inc., Canada 4) Midhun Suresh, Masters in Automotive Production Engineering, Technische Hochschule Ingolstadt, Germany 5) Balu Babu, Junior Production Engineer, AVK Valves Pvt. Ltd., Master of Engineering (Mechanical), University of Adelaide, Australia 6) Bianca Kurian, Senior Interaction Designer, Texas with Bell helicopters for HCL America Solutions, California, US 7) Smobin Vincent, PhD Researcher, Department of Energy Conservation and Storage, Technical University of Denmark (DTU), Denmark

#### ACHIEVEMENTS

Sl.No.	Name of the Student/Staff	Name of the recognition
1	Harikrishnan J (2012-2016)	GATE 2021, All India Rank :184
2	Abhijith J Kumar (2015-2019)	GATE 2021, All India Rank 345
3	Dr.Rejeesh C R	Guest Editor for the Special Issue: i-SMaRT 2021 in Materials Today Proceedings Journal published by Elsevier.
4	Dr.Rejeesh C R	Member of the Curriculum Committee

		at the APJ Abdul Kalam Technological University for B.Tech Automobile Engineering/Mechanical (Automobile) 2019 scheme from 23.06.2020 to 15.01.2021.
5	Mr. Georgy Joseph Thomas (2014-2018)	Assistant Manager, Maruti Suzuki, Engineering R&D Vertical Placement through All India Graduate Engineers Hiring Process
6	Anujith S	Management Trainee (Mechanical) FACT, Udyogamandal
7	Varun S	10 grade points in KTU Second Semester Examinations May 2020.
8	Nikhil Thomas (S2 ME B)	Player representing Idukki District in the 44 <sup>th</sup> Kerala State Junior basketball Championship held at Carmel CMI Public School, Vazhakulam Date: 25th to 26th March 2021
9	Harikrishnan V (S2 ME A)	Player representing Idukki District in the 44 <sup>th</sup> Kerala State Junior basketball Championship held at Carmel CMI Public School, Vazhakulam Date: 25th to 26th March 2021
10	Vyshakh S, Jeswin Cherian, Titto Pappachan and Jidhin Paul	Placed in Stag International which is one of the leading sports good manufactures in India. They got this chance by show casing their final year project guided by Mr.Nithin H, Asst. Professor, Mechanical Engg. Department

**CLUBS/CENTERS/ASSOCIATIONS/CELLS ACTIVITIES**

SI No	NAME OF THE ACTIVITY	RESOURCE PERSON/GUEST
1	Online Webinar (SAE, FISAT) 15/10/2020	Mr. KarthaJayakrishnan ,Petranos Lubricants India Pvt.Ltd.
2	Alumni Webinar Series 2020 ( 28/7/2020)	Mr. Nikhil Mohanan PhD Student. Ecole Polytechnique Paris
3	Alumni Webinar Series 2020 ( 30/7/2020)	Mr. SmobinVincent .PhD Researcher Department of Energy Conversion and Storage. Technical University of Denmark
4	Alumni Webinar Series 2020 ( 13/7/2020)	Mr. Alfred Johnson. Procurement officer Al Mallem Group. Kuwait
5	Alumni Webinar Series 2020 ( 6/7/2020)	Ms. Bianca Kurian. Senior Interaction Designer. Texas with Bell helicopters for HCL. America Solutions. California
6	Alumni Webinar Series 2020 ( 3/7/2020)	Mr. TM Augustine. Senior Engineer Mahindra &Mahindra.Chennai
7	Alumni Webinar Series 2020 ( 2/7/2020)	Mr. Sujith S. Mechanical Engineer GDE Power.Banglore

**ACHIEVEMENTS**

NO	NAME OF THE RECOGNITION	NAME OF THE STUDENT/STAFF
1	Selected as approved Research Guide of KTU	Dr.Rejeesh C R
2	NPTEL Online Certification with 100% score for the course on "Fundamental of Nuclear power Generation".	Mr. Sandrio Jose, (2017 admission)
3	Bagged 2nd (Silver) position in SAE All India Tier III National level Group Discussion competition.	Mr. Vishal T Ashwin (2018 admission)
4	Won 2nd position in SAE INDIA Student Convention Tier IJJ ETTOY -manipulation Competition	Mr. Antony Francis & Mr. Thomas C Francis (2018 Admission)
5	Won 2nd and 3rd position respectively in SAE INDIA Student Convention Tier 11 Group Discussion competition.	Mr. Sidharth Menon & Mr. Vishal T Ashwin (2018 Admission)



6	Awarded Gold Honour in International Astronomy And Astrophysics Competition 2020, conducted by IAAC, Germany.	Mr. Salih, (2018 Admission)
7	Obtained ASME foundation Variable Scholarship amount of 150 USD	Mr.Akshay,TM (2017 Admission)
8	Interacted with Prime Minister of India as a finalist in Smart India hackathon 2020	Ms. Anju Krishna, (2017 admission)

### ERUDITE LECTURE SERIES



Dr Muralee Thumarukudy Head, Disaster Management, UN addressing at FISAT during the Erudite lecture series. Ms Anitha P, Chairman, FISAT, Mr Sachin Jacob Treasurer, Mr Aneesh Kumar R Vice Chairman, Dr George Issac, Principal were also seen.

# DEPARTMENT OF BUSINESS ADMINISTRATION

(FISAT BUSINESS SCHOOL)



MAJOR ACTIVITIES			
S.No	Name of the event	Name of the resource person/Guest	Date
1	"Quint Essence"-IMPRESSIONS MATTER - An interactive talk program	Ms. Jaicy George	16/1/2021
2	Corporate Interaction Series: "Interviews: What Corporates Expects From You"	Prem Vas	22/1/2021
3	FISAT Business School-National Level Quiz Competition, Brain Wave 2, 2021	Major Chandrakanth Nair	8/5/2021
3	International Online Conference On Post Pandemic Business And Institutional Implications: an Exploration By Corporates And Academics	1. Thomas Kuruvilla, Managing Partner, Arthur D. Little Middle East; Member of the Global Board 2. Suresh Prabhu, Software Products Leader I Intrapreneur (We are hiring! jobs.epicor.com 3.Dr.YoonusC.Ahammed, Director, FCC Controls, Standard Chartered Bank, Dubai 4. Mr. Nishanth Nottath, Global Head FCC Monitoring, HSBC	27th And 28th July, 2020
4	International Human Resource Symposium 'Managing Through Pandemic In The Workplace: Challenges In Talent Acquisition And Training'	1. Gopinadhan K.G, Client Director, EMA Partners india 2. Ms Reeja George, Head, Talent Development, TCS, Kochi 3. Dr Dony Peter Chacko, learning solution Specialist, Toyota Motor corporation 5. Dr Chandrasekhar, Business Analyst	20 <sup>th</sup> August, 2020

5	MBA 2020 Batch Inau ration	Surya Ramkumar, Business Group Head, Microsoft — Middle East and Africa	September 9 2020
6	Corporate Interaction series1 — World of survivors to Waves of opportunitieessensing and shaping the future	Ms. Rajasree Shenoy, HR head, TCS Kochi	September 21, 2020
7	Corporate Interaction series2- discourse on Striking a Balance in the New Normal	Mr V. A. George, MD, Thejo Engineering Limited Chennai	October 17 2020
8	International Online Conference On Post Pandemic Business And Institutional Implications: an Exploration By Corporates And Academics	1. Thomas Kuruvilla, Managing Partner, Arthur D. Little Middle East; Member of the Global Board 2. Suresh Prabhu, Software Products Leader I Intrapreneur (We are hiring! jobs.epicor.com 3.Dr.YoonusC.Ahammed, Director, FCC Controls, Standard Chartered Bank, Dubai 4. Mr. Nishanth Nottath, Global Head FCC Monitoring, HSBC	27th And 28th July, 2020
9	International Human Resource Symposium 'Managing Through Pandemic In The Workplace: Challenges In Talent Acquisition And Training'	1. Gopinadhan K.G, Client Director, EMA Partners india 4. Ms Reeja George, Head, Talent Development, TCS, Kochi 5. Dr Dony Peter Chacko, learning solution Specialist, Toyota Motor corporation 5. Dr Chandrasekhar, Business Analyst	20 <sup>t</sup> August, 2020

<b>ACHIEVEMENTS (STAFF, STUDENTS AND DEPT.)</b>			
S.No	Name of the Achievement	Recognized by	Date
1.	Dr. Joshua A J Selected as external evaluator for PhD thesis.	Srinivasa University for its Mechanical Department in its Engineering college., Manguluru	26-03-21
2.	Dr.Dhanya Alex Selected as Resource person for “User awareness programme on NDLI CLUB”	In association with MHRD Govt. of India & IIT Kharagpur.	26-06-21
3.	Dr. Jose Varghese selected as Resource Person for Research Methodology Workshop	IIM BodhGaya	21-22 April, 2021
4.	Dr.Dhanya Alex Selected as Resource person for Research Methodology Workshop	IIM BodhGaya	21-22 April, 2021
5.	Dr. Jose Varghese selected as Resource Person for Art of Student Centric Teaching FDP	NSS, Pallakad	8 - 12 February 2021
6.	Award of PhD to Delma Thaliyan, Facult Member notification endin	Bharathiar University	September 2020
7.	Selected as Resource Person — Dr Dhanya Alex for Research Methodology Course	Sahradaya College	October 2020
8.	Best management Team in ASGARDIAN at Rajadhani Business School, TVM	Anandh, Merlin George, Aswini Prabhakar, Emil	
9.	Best Management Team at UC College Aluva	Anandh, Aswini, Emil, Aiswarya C K	
10.	Best Management Team- First at Naipunya Business School	Anand Manoj Mathew, Aswini T V, Aiswaya C K, Emil Michael	
11.	Selected as KTU University Player	Jo Paul Crusho	
12.	Best Football Team at Naipunya Business School	Jopaul, Junail, Mohammed Jafsar, Joe Jhonson	

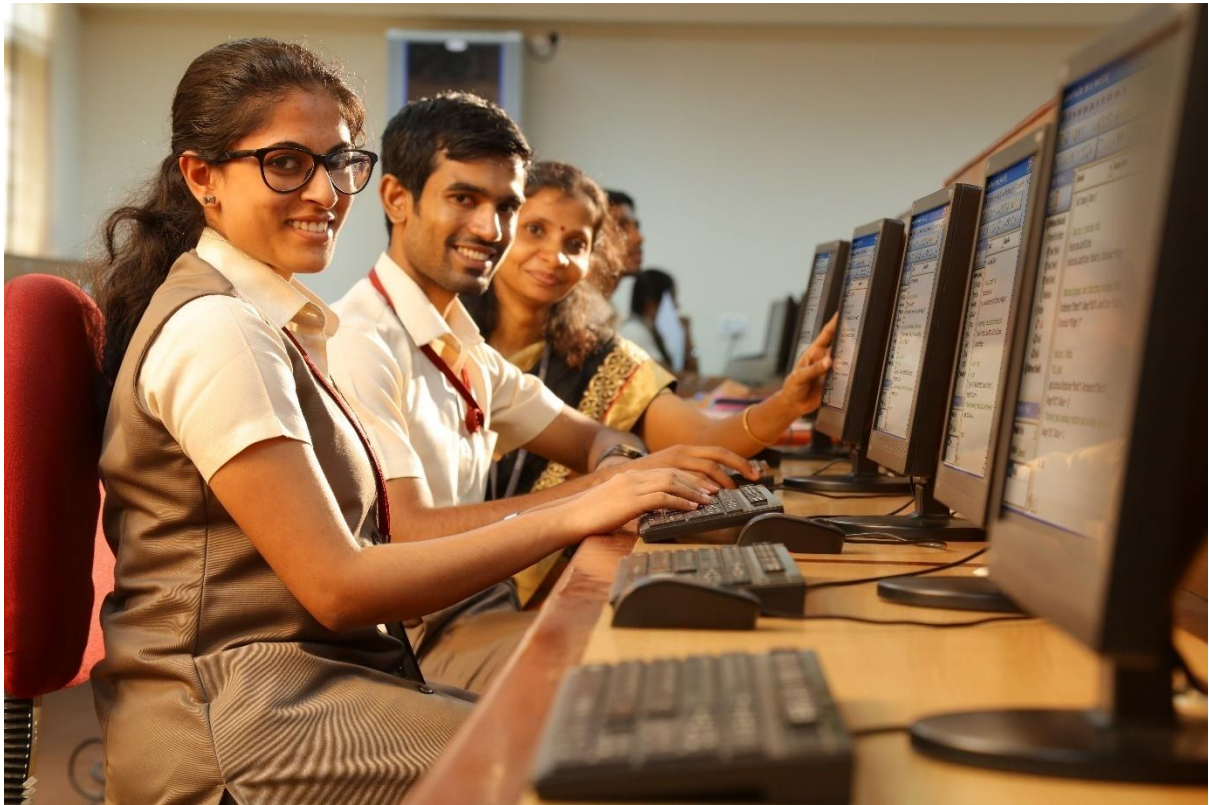
<b>PUBLICATIONS</b>				
S.No	Name of the Staff	Number of publications	National	International
1	Dr. A J Joshua	1		1
2	Dr.Dhanya Alex	6	1	5
3	Dr. Jose Varghese	2		2
4	Dr. Delma Thaliyan	3	3	
5	Ms. Merin Thomas	1		1
6	Mr. Prasanth P John	1	1	

<b>SPORTS/CLUBS/CENTERS/ASSOCIATIONS/CELLS/NSS ACTIVITIES</b>		
S.No	Name of the Activity	Resource Person
1	Inauguration of Student Management Forum Activities (FMS Activities) November 2 <sup>nd</sup> , 2020	Dr.Suja Karthika, Trainer, Excellar Training.
2	Photography competition in association with hand wash da on October 1 <sup>st</sup> , 2020	Mr JosekuttyPanckal, Senior Photo Journalist, Mala ala Manorama

<b>ACHIEVEMENTS</b>		
S.No	Name of the Student/Staff	Name of the recognition
1	Dr A J Joshua	Guided one of his PhD Scholars to the completion of his PhD work in Bharathiar University, Coimbatore where he is a recognised PhD guide.
2	Dr.Dhanya Alex	Structural Equation Modelling (ATAL) by Manipal Institute of Management on 17 - 21 May 2021
3	Dr.Dhanya Alex	FDP in Financial Management and Research by IIM Indore on 15 - 25 February 2021



# DEPARTMENT OF COMPUTER APPLICATIONS



<b>MAJOR ACTIVITIES</b>			
<b>No</b>	<b>Name of the Event</b>	<b>Name of the Resource Persons</b>	<b>Date</b>
11	One Day Workshop on "Network and System Administration"	Mr. Jitesh V, Technical Head IT Operations, FISAT	10-May-21
12	Expert talk on "Ansible and Robot framework"	Mr. Mahesh C, Asst. Professor (Spl Gr), Dept. of CSE, FISAT	25-Mar-21
13	Expert talk on "PHP Frameworks"	Mr. Ajay Antony Joseph, Asst. Prof, Dept. of Computer Science, Yeldho Mar Baselious College	24-Mar-21
14	Expert talk on "Single Board Computers"	Mr. Pankaj Kumar G, Asst. Professor, Dept. of CSE, FISAT	19-Mar-21
15	Expert talk on "HDL implementation of Combinational and Sequential Circuits"	Ms. Sreelakshmi S & Ms. Elza George, Asst. Professors, Dept. of ECE, FISAT	18-Mar-21
16	Webinar on "Organizational Structure, behavior and success key tips"	Mr. Sarath P Paracka, HR Manager, Zellis HR India Pvt. Ltd., Kochi.	12-Mar-21
17	Webinar on "Software Industry Career Streams"	Mr. John Joseph, Project Manager, Finjent Global Solution, Kochi	03-Mar-21
18	Workshop on "Programming with Python"	Ms Candy Mary, Assistant Professor, Yeldo Mar Baselios College, Kothamangalam	09/07/2020 10/07/2020
19	Webinar on "practical sessions on meditation and relaxation techniques"	Mr Sharan K S, Subject Matter Expert, EY Kochi	15/07/2020.
20	Workshop on "django- A practical approach"	Mr. Ajai Antony Joseph, Assistant Professor, Yeldo Mar Baselios College, Kothamangalam.	21/07/2020 22/07/2020.
21	Webinar on "Project Yourself for a Job in 2020"	Mr. Deepak C Sebastian, Head of Cloud Operations, SAP Labs Bangalore	29/07/2020
22	Webinar on "Introduction to Amazon Web Services"	Mr Dhanesh K U, Associate, CTS Kochi.	07/08/2020.
23	Webinar on "Machine Learning Implementation Using Python"	Mr Amal N R, Associate System Engineer, TCS Kochi	13/08/2020.



24	Webinar on "SAP Overview for Beginners"	Mr Midhun M, Senior Software Engineer, WIPRO Bangalore	21/08/2020.
25	Workshop on latex	Ms. Silly K P of MCA2016-2019 batch	24th July 2020
26	Faculty development programme on "recent trends and advancements information technology"	Eminent resource persons from industry and academia	27th July 2020 to 1st Aug 2020
27	MCA Induction meet-2020		16/11/2020
28	Orientation programme-MCA 2020		17th 1 19 <sup>th</sup> and 20 <sup>th</sup> November 2020

#### **ACHIEVEMENTS (STAFF, STUDENTS AND DEPT.)**

No	Name of Achiever	Name of the Achievement	Recognized by	Date
1	Mr. sanjo George of MCA 2017	Won 9.12 CGPA and third position in the results of MCA examinations conducted by APJ abdul Kalam Universit , Kerala.		September 2020
2	Mr. Dibin Jose of MCA 2018 Regular Batch	started a new venture 'CONEX365', which is an edu Corp consultancy & elearnin startup		April 2020
3	Ms Deepa Mary Mathews	Visiting faculty of PG Diploma in Data & Business Analytics Programme	Mahatma Gandhi University, Kottayam.	Jan-Feb 21
4		Invited Reviewer of a Computer Science Journal and Int. Conferences	Int. Journal of Research and Scientific Innovation (IJRSI), ICACA 2021-Kochi, ICICITES 2021-Maharashtra	Mar-21 Jul-21 Aug-21

6		Elite Certification for the "Computer Architecture" Course	NPTEL	Jan-Apr 2021
17	Ms. Rose Mary Mathew	Secured Elite + Silver Medal for the course "Python for Data Science"	NPTEL	Mar-21
19	Ms. Joice T	Resource person for the Webinar on "Python for Data Science"	Govt. Polytechnic College, Kunnamkulam.	04-May-21

#### **PUBLICATIONS**

No	Name of the Staff	Publication Details	Number of Publications	National/ International
1	Ms. Shahna K U	Elsevier Journal "Signal Processing: Image Communication", SCI-IF: 3.256, indexing in SCI, SCIE, WoS, SCOPUS.	1	International
2	Mr. Sujesh P Lal	EAI - Springer Proceedings - Jun 21	2	International
3	Dr. Deepa Mary Mathews	Proceedings of International Conference with ISBN No: 978-93-5473-978-1	1	International

#### **PATENTS**

No	Name of the Staff	Title of the Invention	Date
1	Dr. Deepa Mary Mathews	Method and System for determining real-time user emotions using Artificial Intelligence techniques	01-10-2021
1	Sujesh P Lal	Portable low cost smart spirometer using Embedded and 10T Technolo	31/07/2020
2	Sujesh P Lal	Home analysis of Fetal heart rate monitoring and kicking measurement using Embedded and 10T technology	31/07/2020

#### **PLACEMENTS**

Batch Year	No of Offers	No of Students Placed	% of Students placed
2018-2021	59 offers for 67 Students	47	70%

**ASSOCIATION ACTIVITIES**

NO	NAME OF THE ACTIVITY	RESOURCE PERSON/GUEST
1	Virtuonam2k20- online onam celebration	27/08/2020
2	Virtual Project Expo	14/8/2020
3	Invited talk on machine learning	Dr.Sreeraj M, Asst. Professor, Sree Ayyappa College, Chengannur,19.08.2020.

**ACHIEVEMENTS**

NO	NAME OF THE RECOGNITION	NAME OF THE STUDENT/STAFF
1	Registered for PhD at Avinashilingam University , Coimbatore in Januar 2020	Manju Joy
2	Registered for PhD at Amrita University, Amrita uri, Kollam in Jul 2020	Joice T
3	Students of S2MCA (2019 Batch) won second prize for the event "RAINBOW SIX SEIGE"conducted at Depaul Institute of Science and Technology on January 16, 2020	A Ajmal, Albin Benny, Mrudhul K.C, Abdul Jaleel, Mohammed Faaiz

**Department of Computer Applications****MR. SANJO GEORGE**

He won 9.12 CGPA and **3<sup>rd</sup>** position in the results of MCA examinations conducted by APJ Abdul Kalam University, Kerala. He was a member of college Volley Ball team and has participated in many matches. He is offered by a campus placement at TCS.

**Congratulations Sanjo George**

# DEPARTMENT OF SCIENCE AND HUMANITIES



## MAJOR ACTIVITIES

Sl.No	Name of event	Name of the resource person/guests	Date
1	National Webinar on Intellectual Property Rights	Dr. Nardaran Thiruthy, Technical Officer, IPR, National Biodiversity Authority (NBA), Govt. of India	25 <sup>th</sup> April, 2021.
2	International Webinar on Emerging Trends in the Field of Science and Humanities	Dr. K. S Nisar, Professor, Department of Mathematics, Prince Sattum Bin Abdulaziz, University, KSA Dr.BhaminiNayar, Professor of Mathematics, USA	16-10-2020
3	International Webinar on Emerging Trends in the Field of Science and Humanities	Dr. Rangarajan Gopalakrishnan, Professor, Rajagiri Business School Kakkanadu Dr. Aby C P, Scientific Researcher, Palacky University, Czech Republic Dr.Vinu T P, Asst. Professor, Department of Physics, NSS Hindu College Chenganassey	17-10-2020
4	Foundation Course for first year students	Dr. C. Sheela, Vice Principal & HOD Dr.Sunny Kuriakose, Professor and Dean Dr. Molly Joseph Mr. M. Sreenivasan Dr.Prema A K	

### ACHIEVEMENTS (STAFF, STUDENTS & DEPARTMENTS)

No	Name of the Achievement	Recognized by	Date
1.	As Resource Person ;Dr. C. Sheela	Women Empowerment Program	
2.	Dr. C Sheela (Vice Principal)	Student Enrichment Pro gram	
3.	As Programme Committee Chairman (Dr.Sunny Kuriakose)	Annual Conference of Kerala Mathematical Association	October- 21-23 2020
4.	Coursera online certification (Chemicals and health) ; Dr.Ayswarya	Johns Hopkins University	July 2020
5.	Coursera online certification (Nano technology- a makers course); Dr.Aiswarya EP	Duke University NC State	July 2020

		University and the University of North Carolina at Chapel Hill	
6.	Coursera online certification (Science on gastronomy); Dr.Ayswarya E P	Hong kong university of Science and Technology)	July 2020
7.	Coursera online certification (Confronting the big questions: Highlights of Modern Astronomy); Ms. Aneesha Joseph	University of Rochester	September 2020
8.	Coursera online certification (Nanotechnology and Nano sensors Part 1); Ms. Aneesha Joseph	Israel Institute of Technology	August 2020
9.	Coursera online certification (Introduction to Public Speaking); Ms. Aneesha Joseph	University of Washington	July 2020
10	FDP on Inculcating Human values in Technical Education (Honeymol P. Chacko, Gisha P S, Dhanya T G, Mr.Prince Joseph, Seena Varghese, Dr.Ayswarya E.P, Eldhose P Jacob, Ms. Vidya T. P, Ms. Aneesha Joseph	AICTE	19-23October 2020
11	FDP on Advances on Materials engineering and sustainable Manufacturing (Dr.Ayswarya EP, Dr. Sona Narayanan	Department of Mechanical Engineering, FISAT	10.08-14.08.2020
12	FDP on Mathematics for Data Science ( Dr.Binimol Punnose, Mr. Antu P J, Honeymol P Chacko, Mr. Sumesh G, Gisha P S, Ms. Dhanya T G, Ms. Seena Varghese	Muthoot Institute of Technology	10-14 August 2020



13	FDP on Real, Applied and Computational Mathematics ( Dr.Binimo IPunnose,	PRDS College of Arts and Science in association with Kerala Mathematical Association	23-29 August 2020
14	FDP on Discrete Mathematics, Graph Theory and its Applications; Gisha P S, Dhanya T G	Universal Engineering College	17-21 August 2020
15	FDP on Application of Mathematics in Engineering ; Gisha P S, Dhanya T G	Dept. of Mathematics, KPRIET, Coimbatore	20-25 July 2020
16	FDP on Professional Ethics; Sajana M. Shamsudheen, Mr. Thomas Philip, Mr. Nizamudeen Akbar, Ms. Nici Ignatius	Providence College of Engineering and School of Business, Chengannur	July 2020
17	International Conference on Graph Connections; Ms. Seena Varghese Second international Conference on Algebra and Discrete Mathematics; Ms. Seena Varghese	Department of Mathematics, BCM College Kottayam Department of Mathematics, Madurai Kamraj University	10-14 August 2020 24-26 June 2020
18	International Conference on Emerging Trends in Mathematics and Statistics; Mr. Prince Joseph	Post Graduate Department of Mathematics and Statistics, St. George College, Aruvithura	21-23 October 2020
19	International Conference on Graph Connections; Ms. Seena Varghese Second international Conference on Algebra and Discrete Mathematics; Ms. Seena Varghese	Department of Mathematics, BCM College Kottayam Department of Mathematics, Madurai Kamraj University	10-14 August 2020 24-26 June 2020
20	International Conference on Emerging Trends in	Post Graduate Department of	21-23 October 2020



	Mathematics and Statistics;Mr. Prince Joseph	Mathematics and Statistics, St. George College, Aruvithura	
21	Three day Online National Lecture Series on Graph Theory and its Applications; Ms. Seena Varghese	Post Graduate and Research Department of Mathematics, Mar Thoma College Thiruvalla	19-21 August 2020
22	Three day Online National Lecture Series on Graph Theory and its Applications; Ms. Seena Varghese	Post Graduate and Research Department of Mathematics, Mar Thoma College Thiruvalla	19-21 August 2020
23	Ms. Honeymol P Chacko, Assistant Professor (Sr. Grade)	Completed a MOOC Course on Introduction to Calculus	
24	Ms. Gisha P S, Assistant Professor (Sr. Grade) of Mathematics	Completed a MOOC Course on Introduction to Calculus	
25	Ms. Dhanya T G, Assistant Professor (Sr. Grade) of Mathematics	Completed a MOOC Course on Introduction to Calculus	
26	Ms. Seena Varghese, Assistant Professor (Spl. Grade) of Mathematics	Completed a MOOC Course on Introduction to Calculus	
27	Ms. Vidya T P, Assistant Professor (Special Grade) Physics	Completed a MOOC Course on Introduction to Molecular Spectroscopy	
28	Ms. Anisha Joseph, Assistant Professor of Physics	Completed a MOOC Course on Nanotechnology: A Makers Course	
PUBLICATIONS			
No	Name of the Staff	Number of Publications	National/International
1	Dr. C Sheela (Vice Principal)	1	International
2	Dr.Ayswarya E P, Assistant Professor (Spl. Grade) of Chemistry	2 1	International Conference
3	Dr. Sona Narayanan, Assistant Professor of Chemistry	1 4	International Conference

4	Ms. Seena Varghese, Assistant Professor of Mathematics	1 1	International National
MATHS CLUB(Sports/Clubs/Centers/Associations/Cells/NSS Activities)			
No	Name of the Activity	Resource Person/Guest	
1	RAMANUJAN SMRITI (A Lecture)	Mr.Renjith Prasad (Former MATHS CLUB Secretrary, 22 <sup>nd</sup> Dec 2021	
ACHIEVEMENTS			
No	Name of the Achievement	Recognized by	Date
1	Aman Jose of S2 CSE A got 1 <sup>st</sup> prize in Math hunt competition in MATH FIESTA 2K21	The Dept. of Mathematics, St. Aloysius college Mangaluru	30/09/2021
2	Abhay Das of S2 CSE A got 1 <sup>st</sup> prize in Math Pixel competition in MATH FIESTA 2K21	The Dept. Of Mathematics, St. Aloysius college Mangaluru	30/09/2021
3	Aman Jose of S2 CSEA got 1 <sup>st</sup> prize in Prof. M.J.Thomas memorial intercollegiate Mathematics Quiz competition	The Dept. Of Mathematics, Baselius College, Kottayam	14/09/2021
4	Aman Jose of S1 CSEA got 2 <sup>nd</sup> prize in Mathematics Quiz competition	The Dept. Of Mathematics, Baselius College, Kottayam	18/03/21
5	Aman Jose of S1 CSEA got 1 <sup>st</sup> prize in All Kerala Intercollegiate Mathematics Quiz competition	The Dept. Of. Mathematics K.E college Mannanam	11/03/21
6	Aman Jose of S1CSEA got 3 <sup>rd</sup> prize in Intercollegiate Mathematics Quiz competition	The Dept. of. Mathematics S.B College Changanassery	12/02/21
7	Ryan Abraham of S7 EEE got 1 <sup>st</sup> prize in Inter Departmental Mathematics Quiz competition	FISAT	26/02/21
8	Shemin Majeed of S3 CEB got 2 <sup>nd</sup> prize in Inter	FISAT	26/2/21

	Departmental Mathematics Quiz competition		
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PUBLICATIONS		
NAME OF THE AUTHOR	NUMBER OF PUBLICATIONS	NATIONAL/INTERNATIONAL
Dr.Ayswarya E P(journal of AdvancedMaterials and Applications 5(2020) 4652)	1	International
Ms. Seena Varghese (ElectronicJournal of Graph Theory and Applications8 1 205-210, 2020	1	International
PHYSICAL EDUCATION		
ACHIEVEMENTS		
NAME OF THE ACHIEVEMENT	RECOGNIZED BY	DATE
FIFA Diploma in sports medicine	FIFA	01/10/2020
Khelo India Workshop for Physical Education Teachers	Sports Authority of India LNCPE	10/10/2020
PhD in Physical Education	TNPESU Chennai	21/10/2020
PUBLICATIONS		
NAME OF THE AUTHOR	NUMBER OF PUBLICATIONS	NATIONAL/INTER NATIONAL
Arun S	02	02

## CO-CURRICULAR AND EXTRA CURRICULAR ACTIVITIES



### FABLAB- IEDC ACTIVITIES

A FABLAB -IED Cell is functioning in FISAT under the charge of Dr Anil Kumar M N, Professor, ECE Department with Mr Tom Anto, AP, Department of Mechanical Engineering as the IEDC Nodal Officer

#### MAJOR ACTIVITIES

Sl no	Name of the Activity	Resource Person	Date
1	One day online workshop on” Intellectual Property Rights”	Prof. Moses Dayan, Coordinator, PSNA IPR Cell, PSNA CET, Dindigul	16-01-2021
2	Participation in Virtual IEDC summit 2021		28/01/2021 to 30/01/2021

SL. NO	NAME OF THE ACTIVITY	RESOURCE PERSONS
1.	A Community Mobile Medical Clinic, a medical clinic on wheels for the first time in Kerala solely for Geriatric Care, to ensure that appropriate help and support reaches the old aged people on time, right to their homes was partially established. The mini-bus that once served as Mobile Fab-Lab was turned into a Mobile Clinic for this public awareness cause, which could accommodate a doctor, a nurse, and a pharmacist along with the patient being treated with all the required facilities like ECG, BP, Sugar, CPR, Portable X-Ray units, etc. Apart from these, services like telemedicine and video- conferencing were also incorporated to ensure live treatment after consulting with the best doctors in various fields like Cardiology, Neurology, Nephrology, etc.	
2.	IDEA Pitching Competition was conducted on 15-10-2020 and initial screening has been done	
3.	An orientation about Fablab for the representatives was conducted on 3-11-2020 and 10-11-2020	Mr. Tom Anto, Mr. Renjith R
4.	One day online workshop on "Intellectual Property Rights"	Prof. Moses Dayan, Coordinator, PSNA IPR Cell, PSNA CET, Dindigul
5	Participation in Virtual IEDC summit 2021	
6	<p>Fablab and IEDC team has taken the initiative to start the following projects.</p> <p>In COVID-19 pandemic situation FABLAB team works on Touch less Employees Attendance System. The development of system is in the initial stage.</p> <p>In present situation the traditional class room teaching has been replaced by online teaching. There can be a number of reasons for a learner to have problems with reading in online learning environments. We work on the development of Eye Tracking System for exploring reading performance of online learners.</p> <p>Automatic Vegetable recognition weighing machine with multiple features.</p> <p>Automated vehicle number detection and monitoring system.</p>	

## ACHIEVEMENTS

Sl no	Student/staff/Cell	Name of Achievement
1	Noble G & Tom Anto	Got selected into NISH-CATI Entry level AAC device development project facilitated by APJAKTU
2	Renjith R	Inline Directory Bot
3	IEDC	Got Band B (Rank between 26th - 50th) in ARIIA 2020, constituted by MHRD, Gov. of India
4	IEDC	The FISAT FABLAB Got 'Top Performer Award' for FAB Challenge 2019-20, constituted b Kerala Start U Mission, Gov. of Kerala
5	IEDC	One of the ideas titled 'Portable UV Torch' selected in the initial screening is funded ( Rs. 17,800/-) by Centre for Advanced Technologies in Disaster Management and Sponsored by Geojith Financial Services Ltd. The Principal Investigator of this project is Dr.Rejeeesh C R, Associate Professor and Co-Investigator is Mr. NithinH . Student Investigators are Abin James and Flikkson (S7 ME).

# IEEE

The IEEE chapter in FISAT is actively functioning under the charge of Mr Bejoy Varghese, Assistant Professor, ECE Department

## MAJOR ACTIVITIES

S.No	Name of the Event	Name of the resource Person/Guests	Date
1	Channelizing Youth Power to Build the Nation	Mr. Anand Jagadeesh [Software Engineer at DELL EMC]	12-1-2021
2	NOVA-BIVOU 21'	—	16/2/2021-17/2/2021
3	ECTA- BIVOU 21'	Brinda Lovely [Head of Engineering Business Application at Google] and Anoop Sreenivasan [Director, Product Management at Chegg INC]	21/2/2021
4	QUEST-BIVOU 21'	—	28/2/2021
5	TOSS IT	—	3-4-2021
6	POWER PLAY	—	3-4-2021
7	ENERXIA	Varughese C M [CEO, Ever Green Energy Technologies PVT Ltd,]	6-4-2021
8	EPCILON	Bhadra Jayakumar [Student Representative, IEEE Computer Society Kerala Chapter]	28/4/2021
9	Don't Repeat It Challenge	—	7-5-2021
10	Alpha Women	—	7-5-2021
11	Her Rise Her Saga	Sally Varma [Journalism Graduate, Senior Campaigner at Farm Animal Protection Campaign]	8-5-2021
12	Estrella	—	7-5-2021
13	Step Up	Devika S[Alumni of FISAT]	9-5-2021
14	Technophilia	—	11-5-2021
15	Convo	Lt.Seema (RTD)[served at Military Hospital Kirkee, Pune] & Lt Col Vanishree	12-5-2021



S.No	Name of the Event	Name of the resource Person/Guests	Date
		J[serving at 158 Base Hospital Bagdogra, West Bengal]	
16	CACCIA	—	16/5/2021
17	Oracio-SB KNOCKOUT	—	26/5/2021
18	ENERXIA #2	Indukumar P P [Sub Engineer KSEB, Angamaly Division]	22/5/2021
19	Mind Meld-May Edition	—	28/5/2021
20	BHAAVNA-MUDRA	—	31/5/2021
21	PRAVAH-MUDRA	—	31/5/2021

# ACTIVITIES

## P V MATHEW MEMORIAL ANGANWADI

01.10.2020

The Foundation stone ceremony of P V Mathew Memorial Anganwadi was inaugurated by Mr Roji M John MLA. Ms Anith P Chairman, FISAT, Ms Jaya Radhakrishnan, President, Mookkannoor Panchayath, Mr T M Varghese, Member Block Panchayath also participated



## THE INAUGURATION OF THE CONSTRUCTION OF FISAT AVENUE

27.10.2020

Mr Roji M John MLA speaking at the the Inauguration the Construction work of FISAT Avenue. Ms Jaya Radhakrishnan, President, Mookkannoor Grama Panchayath, Ms Anith P Chairman FISAT, Mr T M Varghese, Member Block Panchayath, Angamaly were also seen



## INSTITUTION DAY

Institution Day of the year was conducted online on September 23, 2020. Mr. Mahesh C and Mrs. Jisha Jacob were selected as the Best Teacher and best performing non-teaching staff respectively. Com. P V Mathew, the first Secretary of the Society and first Chairman of the Institution was commemorated in the meeting. His invaluable contributions in building up the Institution was acknowledged in the meeting. The contributions of the members of the founding Managing Committee, members of the Society and well-wishers were also acknowledged.

