



IFET

COLLEGE OF ENGINEERING

An Autonomous Institution

Approved by AICTE, New Delhi,
Recognized Research Centre of Anna University (CSE,ECE,PHYSICS & CHEMISTRY)
IFET Nagar, Gangampalayam, Villupuram - 605 108



JAN-FEB-MAR

2021

IFET TIMES





IFET TIMES - JAN-FEB-MAR-2021

From the Editor's Desk

COVID-19 has accelerated the adoption of digital technologies to deliver education. Our institution has moved toward blended learning and encouraged teachers and students to acquire technology savvy. Virtual class rooms, webinars, digital exams and assessments have become a common phenomenon, where otherwise we might have merely defined them — or they might have come into practical use a decade later or more.

To quote Marvin Minsky: "You don't understand anything until you learn it more than one way." This quote has been certainly illustrated during the pandemic, as our teachers use diverse methods for teaching and learning.

Let us stay safe and continue the service .

K.R.SUKUMAR

EDITORIAL COMMITTEE

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ASP/H&S

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Dr. B. Elango -Member
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PAPERS PRESENTED/PUBLISHED/WORKSHOPS/AWARDS RECEIVED

FACULTY CONTRIBUTIONS

Papers published by Faculty

Name of Author(s)	Title of the Paper	Title of the Journal	Volume	ISSN	Page(s) No.	Year
Mr.D.Jayakumar ASP/CSE, Mr.D.Raghuraman SAP/CSE, Dr.D.StalinDavid AP/CSE, Mr.D.Saravanan ASP/CSE, Mr.R.Parthiban ASP/CSEand Mrs.S.Usharani ASP/CSE	Certain Investigation on Monitoring the Load of Short Distance Orienteering Sports on Campus Based on Embedded System Acceleration Sensor	European Journal of Molecular & Clinical Medicine	Volume 7, Issue 9	2515-8260	2477-2494	January 2021
Mr.D.Raghu Raman SAP/CSE, Mr.D.Saravanan ASP/CSE, Mr.R.Parthiban ASP/CSE, Dr.D.Stalin David AP/CSE, Mrs.S.Usharani ASP/CSE and Mr.D.Jayakumar ASP/CSE	A Study on Application of Various Artificial Intelligence Techniques on Internet Of Things	European Journal of Molecular & Clinical Medicine	Volume 7, Issue 9	ISSN 2515-8260	2531-2557	January 2021
Mr.R.Parthiban ASP/CSE, Mrs.S.Usharani ASP/CSE, Mr.D.Saravanan ASP/CSE, Mr.D.Jayakumar	Prognosis of Chronic Kidney Disease (CKD) Using Hybrid Filter Wrapper Embedded Feature Selection	European Journal of Molecular & Clinical Medicine	Volume 7, Issue 9	Prognosis of Chronic Kidney Disease (CKD) Using Hybrid	European Journal of Molecular & Clinical Medicine	January 2021

ASP/CSE, Dr.D.StalinDavid AP/CSE and Mr.D.Raghuraman SAP/CSE	Method			Filter Wrapper Embedded Feature Selection Method		
Mrs.P.Hemalatha SAP/CSE	Sea Food Processing Using Internet Of Things and Cloud Technologies	PalArch's Journal of Archaeology of Egypt, PIAEE	17	9		January 2021
P.Jacqueline Rosy, M. Murugan	“Molecular Docking Performance of Selective Organic Compounds with Target Protein”	Bio interface research in applied chemistry	11(4)	2069-5837	12414- 12424	January 2021
Murugan, M	Effect of pH and structural orientation on supramolecular complexation of chloroquine in β - cyclodextrin medium	Journal of Molecular Liquids	325	0167-7322	115-157	January 2021
Mr.D.Saravanan ASP/CSE, Dr.D.Stalin David AP/CSE, Mrs.S.Usharani ASP/CSE, Mr.D.Raghuraman SAP/CSE, Mr.D.Jayakumar ASP/CSE and Mr.R.Parthiban ASP/CSE	An Energy Efficient Traffic- Less Channel Scheduling Based Data Transmission in wireless Networks	European Journal of Molecular & Clinical Medicine	Volume 7, Issue 11	2515-8260	5704-5722	Feb 2021
Mr.J.Manikadan AP/CSE	Sea food processing using internet of things and cloud technologies	PalArch's Journal of Archaeology of Egypt	17	9		January 2021

Dr.R.Maheswari, Professor/ MBA	Impact of Store Image Dimensionson Shopper's Attitude, Perceived Value, and Purchase Intention	SAGE Open				January 2021
Mrs.S.Usharani ASP/CSE, Mr.D.Jayakumar ASP/CSE, Mr.D.Raghuraman SAP/CSE, Mr.R.Parthiban ASP/CSE, Mr.D.Saravanan ASP/CSE, and Dr.D.Stalin David AP/CSE	Industrialized Service Innovation Platform Based on 5G Network And Machine Learning	European Journal of Molecular & Clinical Medicine	Volume 7, Issue 9	ISSN: 2511-2530	2511-2530	Feb 2021
Dr. P.Jacqueline Rosy, M. Jebastin Sonia Jas, Dr.K. Santhanalakshmi, Dr. M.Murugan, Dr.P.Manivannan	Expert development of Hetero structured TiS ₂ -TiO ₂ nanocomposites and evaluation of electron acceptors effect on the photo catalytic degradation of organic Pollutants under UV-light	Journal of material Science - Materials in Electronics (Springer)	32 (2)	0957-4522	4053-4066	2021
Dr.T. Soupramanien	Certain subclasses of univalent functions with positive coefficients involving touchard polynomials	International Journal of Advances in Mathematics	10	1857-8438	Page 981-990	Feb 2021
Dr.T.Ananth	Coronary heart	Materials		2214-7853		March

Kumar, AP/CSE	disease diagnosis using the efficient ANN model	Today: Proceedings				2021
Mr.D.Saravanan ASP/CSE, and Dr.D.Stalin David AP/CSE	Certain Investigation on IoT Therapeutic Image Recognition and Rivaroxaban preclude Thrombosis in patients	Research Craver's Hub in Association with Academic province		978-81-948555-1-4		March 2021
Mrs.P.Hemalatha SAP/CSE	Exploration on Green Communication Technologies for Iot in Health, Education and Industry	Journal of Information Technology in Industry, Vol. 9 No. 2 (2021) (Web of Science)	Volume 9, Issue 2			March 2021
K. Dhanalakshmi, D. Kavitha, A. Anbukkarasi	Certain Subclasses Of Bi-Univalent Functions Associated With Horadam Polynomials .	International Journal of Applied Mathematics	31(1)	1311-1728	77-92	MAR 2021

Workshops attended by Faculty

Name	National / International	Name of the Workshop	Organized by	Date
D. SATHISH KUMAR Associate Professor/ECE	National	Autonomous and Unmanned Systems	Sri Sivasubramiya Nadar College of Engineering	22.1.2021 to 23.1.2021
Mrs.D.VASANTH I Associate Professor/ECE	National	Artificial Intelligence	Indian Institute of Technology , Ropar	22.2.2021 to 26.2.2021
Mrs.A.DEVI Assistant Professor/ECE	National	Working with Microsoft Azure	Sri Sivasubramaniya	27.2.2021.

			Nadar College of Engineering	
Mrs.D.VASANTH I Associate Professor/ECE	National	Artificial Intelligence	Indian Institute of Technology , Ropar	22.2.2021 to 26.2.2021
Mrs.A.DEVI Assistant Professor/ECE	National	Working with Microsoft Azure	Sri Sivasubramaniya Nadar College of Engineering	27.2.2021.
Mrs.D.VASANTH I Associate Professor/ECE	National	Artificial Intelligence	Indian Institute of Technology, Ropar	22.2.2021 to 26.2.2021
Mr.A.Arun ,	National	"Ultrasonic assisted casting approach for manufacturing aluminum nano composites"	SSN College of Engineering, Chennai	05.02.2021.
Mr.S.Kulothungan	National	"Ultrasonic assisted casting approach for manufacturing aluminum nano composites"	SSN College of Engineering, Chennai	05.02.2021.
MS. B. Kanchana	National	Online Training Programme on "Blended and Flipped mode of Teaching"	NITTTR, Chennai, Ministry of Education	01.03.2021 to 05.03.2021
Ms.Kalaivani.K	National	Five Day International Faculty Developments in Programme on "Language and Literature: Tools to Understand Society and Culture"	SRM Institute of Science and Technology, Ramapuram Campus, Chennai	09.03.2021 to 13.03.2021
Mrs. A. AshaBanu	National	Five Day International Faculty Developments in Programme on "Language and Literature: Tools to	SRM Institute of Science and Technology, Ramapuram Campus, Chennai	09.03.2021 to 13.03.2021

		Understand Society and Culture"		
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FDP attended by Faculty

Name	National / International	Name of the FDP	Organized by	Date
Dr SARAVANAN M Associate Professor/ECE	National	Implementation of Artificial Intelligence for Digital Signal and Image Processing Problems	Vidya Jyothi Institute of Technology	28.12.2020 to 11.1.2021
Mrs DHARANI DEVI Assistant Professor/ECE	National	Speech Processing using Deep Learning	Indian Institute of Technology	28.12.2020 to 01.1.2021
Mrs K BHUVANESHWARI Associate Professor/ECE, Mrs A DEVI Assistant Professor/ECE	National	Online Resources and Social Media Learning	NITTTR	28.12.2020 to 01.01.2021
Mr.A JAYA KUMAR Associate Professor/ECE	National	Internet of things	G H Patel college of Engineering & Technology	4.1.2021 to 8.1.2021
Mrs M MARGARAT Associate Professor/ECE	National	Quantum Computing	Muthayammal Engineering College	7.12.2020 to 11.1.2021
Mr.D. SATHISH KUMAR Associate Professor/ECE	National	Energy Management and Advanced Techniques for a sustainable Future	Sri Krishna College of Engineering	9.1.2021 to 12.1.2021
Ms S SIVARANJANI Assistant Professor/ECE	National	Internet of Things	Amal Jyothi College of Engineering	11.1.2021 to 15.1.2021
Dr SARAVANAN M Associate Professor/ECE	National	Teaching with Tinkercad	Autodesk Education Experiences	14.1.2021
Mrs D. VASANTHI Associate Professor/ECE	National	Artificial Intelligence	Bhilai Institute of Technology	18.1.2021 to 22.1.2021
Dr. SARAVANAN M Associate Professor/ECE	National	Secure Data Optimization in IOT using GNU Radio Companion	Excel Engineering College	18.1.2021 to 23.1.2021

		and USRP		
Mrs A DEVI Assistant Professor/ECE	National	Research: Tools and Techniques	Karmaveer Bhaurao Patil College of Engineering	18.1.2021
D. SATHISH KUMAR Associate Professor/ECE, K.SAGADEVAN Associate Professor/ECE	National	Photonics	Central University of Jharkhand	18.1.2021 to 22.1.2021
Mrs DHARANI DEVI Assistant Professor/ECE	National	Speech Processing Using Deep Learning	Indian Institute of Technology	28.12.2020 to 01.1.2021
Mrs K BHUVANESHWARI Associate Professor/ECE, Mrs A DEVI Assistant Professor/ECE	National	Online Resources And Social Media Learning	NITTTR	28.12.2020 to 01 .01. 2021
Mrs K BHUVANESHWARI Associate Professor/ ECE, S. MOHAMMED NIZAR Associate Professor/ ECE, Mrs A DEVI Assistant Professor/ECE	National	Safer India Ideathon2021	Ministry of Road Transport and Highways and the Indian Road Safety Campaign during the nation Road Safety	18.1.2021 to 17 .2. 2021.
Dr.R.Thendral AP/CSE	National	Robotics	AICTE(FDP), Rajeev Gandhi Memorial College of Engineering and Technology.	05.01.2021 to 09.01.2021
Dr.R.Thendral AP/CSE,	National	Block Chain	AICTE- Indian Institute of Technology Ropar	11.01.2021 to 15.01.2021
Mrs.P.Manju Bala ASP/CSE and Mrs.S.Usharani ASP/CSE	National	Artificial Intelligence and Machine Learning	TEQIP-III STTP-Engineering College Banswara	11.01.2021 to 16.01.2021
MrsP.Hemalatha SAP/CSE	National	Artificial Intelligence & Robotics	AICTE-ATAL Tripura University	18.01.2021 to 22.01.2021
Mr.N.Vaithianathan	National	"CFD"	AICTE Training And Learning (ATAL) Academy Online FDP	04-01-2021 to 08-01-2021
Mr. V.Thirumaran,	National	"Sustainability Engineering"	AICTE Training and Learning (ATAL) Academy Online	25-01-2021 to 29-01-2021

			FDP	
Mr.K.Suryavarman	National	"Sustainability Engineering"	AICTE Training and Learning (ATAL) Academy Online FDP	25-01-2021 to 29-01-2021
Mr.R.Thamzhvel,	National	"Sustainability Engineering"	AICTE Training and Learning (ATAL) Academy Online FDP	25-01-2021 to 29-01-2021
Mr.T.Rampradesh ASP/EEE	National	Actively participated in ATAL Sponsored 5 days FDP on "Student centred teaching learning methods & strategies in Higher Education	Chatrapathi Shahu Institute of business education and Research	5 th to 9 th January
Mr.M.Sujith ASP/EEE & Mrs.R.Suganya ASP/EEE	National	Actively participated in 6 days FDP on "AICTE sponsored online short term training program on Challenges and Opportunities in implementing IOT and machine learning for smart grid distribution system	Kongunadu Engineering College	18 th to 23 rd January
Mrs.Velammal AP/EEE	National	Actively participated in ATAL Sponsored 5 days FDP on "Internet of Things "	Kongunadu Engineering College	25 th to 29 th January
Mrs.J.Jayachitra	National	Implementation of Artificial Intelligence for Solving Digital Signal and Image Processing Problems	Vidya Jyothi Institute of Technology (Autonomous)	28.12.2020-11.01.2021

Mr. C. Kavitha	National	Internet Of Things (Iot)	Siksha O Anusandhan	21.01.2021-25.01.2021
Mrs.INDUMATHI.N	National	Online Resources And Social Media Learning	Nitttr	28.12.2020 to 01.1.2021
Mrs.INDUMATHI.N	National	Data Analytics	Santhiram Engineering College: Nandyal	04.01.2021 TO 11.01.2021
Mrs.INDUMATHI.N	National	Ultimate Secrets To Quickly Get Your Research Paper Published And Hasten Your Research Writing	Aristocratresearch.Com, A Unit Of Aristocrat It Solutions Pvt.Ltd	09.01.2021.
Ms. Jeciliya Selva Kiruba S /AP Mr. Sivasubramanian C/AP	National	GIS & Remote Sensing	AICTE Training and Learning (ATAL) academy, University College of Engineering, JNTU, Kakinada	04.01.2021 – 08.01.2021
Ms. Subalakshmi M/AP Ms. Porkodi N/AP	National	Earthquake Engineering	AICTE Training and Learning (ATAL) academy College of Engineering, Pune	04.01.2021 – 08.01.2021
Ms.E.Mathivadhana/SAP/ Mathematics	National	Research and Current Trends in Mathematics	Department of Applied Science, Mathematics and Humanities, Pillai college of Engineering, New panel	26 Dec-31 Dec 2020
Mrs.P.Danesh/SAP/Matematics	National	Research and Current Trends in Mathematics	Department of Applied Science, Mathematics and Humanities, Pillai college of Engineering , New panel	26 Dec-31 Dec 2020
Ms.B. Kanchana/AP/English	National	"Effective strategies to improve Mentor – Mentee bonding"	Easwari Engineering College,	20th Jan 2021 to 22 nd Jan 2021.

Dr.M.SARAVANAN Associate Professor/ECE	National	Internet of things and plications in 5G	Eswari Engineering College	05.1.2021 to 09.1.2021.
Ms.S. SIVARANJANI Assistant Professor/ECE	National	Artificial Intelligence and Robotics	Thripura University	18.1.2021 to 22.1.2021.
Dr..M.SARAVANAN Associate Professor/ECE	National	FPGA based DIGITAL System with HDL (Phase - 1)	Vel TechMulti Tech	25.1.2021 to 30.1.2021.
Mrs.A.DEVI Assistant Professor/ECE	National	Phython Programming	NITTTR	25.1.2021 to 30.1.2021.
Mrs.K.BHUVANESHWARI Associate Professor/ECE	National	Amazon AI Conclave	Amazon Web Services	29.1.2021.
Mrs.P.DHARANI DEVI Assistant Professor/ECE	National	Hands on Project- Based Approach for Biomedical Signal Analysis using MATLAB	Kakatiya Institute of Technology &Science, Warangal,	01.02.2021 to 13.02.2021
Dr SARAVANAN M Associate Professor/ECE	National	Applicatons of Augumented Reality and Virtual Reality	IFET College of Engineering	1.02.2021 to 16.2.2021
Dr.U.PALANI Professor/ECE, Mr.A.SAGAYA SELVARAJ Associate Professor / ECE, Mr.A.JAYA KUMAR Associate Professor / ECE, Dr.J.VIDHYA Associate Professor/ECE, Mrs.D.VASANTHI Associate Professor / ECE, Mr.S.MOHAMED NIZAR Associate Professor / ECE, Dr.R.SENTHIL KUMARAN Associate Professor / ECE, Mr.D.PRABAKARAN Associate Professor / ECE, Ms.S.SIVARANJANI Assistant Professor/ECE ,Mrs.G.PREMALATHA	National	Applications of Augmented Reality and Virtual Reality	IFET College of Engineering	1.02.2021 to 16.2.2021

Assitant Professor/ECE, Mrs.A.DEVI Assistant Professor/ECE, Mrs.S.SHALINI Assistant Professor/ECE, Ms.K.JAYA BHARATHY Assistant Professor/ECE, Ms.P.SHANMUGA PRIYA Assistant Professor/ECE,				
Mrs.A.DEVI Assistant Professor/ECE	National	Cloud technology	NITTTR	08.2.2021 to 12.2.2021.
Dr.J.VIDHYA Associate Professor/ECE	National	Photonics	KKR & KSR Institute of Technology and Sciences	08.2.2021 to 12.2.2021.
Dr.U.PALANI Professor/ECE	National	Deep Learning Techniques for Electronic Health Record analysis	Malla Reddy Engineering College for Women	22.02.2021 to 27.2.2021
Mr.R.Rajmohan ASP/CSE	National	AI- Machine Learning & Optimization	IIT Allahabad under AICTE ATAL	01.02.2021 to 05.02.2021
Mrs.G.Leema Roselin AP/CSE	National	Smart Cities	Vellore Institute of Technology	01.02.2021 to 05.02.2021
Mrs.P.Hemalatha SAP/CSE	National	Internet of Things (IoT)	Sri Manakula Vinayagar Engineering College	01.02.2021 to 05.02.2021
Mr.J.Manikadan AP/CSE	National	Emerging Trends and Research Challenges in next generation wireless networks	Kongunadu College of Engineering and Technology	01.02.2021 to 06.02.2021
Mrs.S.Usharani ASP/CSE	National	Art of rejuvenating the minds of students to overcome Socio-economic issues and manage stress	Tamil Nadu College of Engineering	01.02.2021 to 06.02.2021
Mrs.P.Hemalatha SAP/CSE	National	Electrical & Computer Engineering	NIT PATNA	08.02.2021 to 12.02.2021

Mrs.P.Manju Bala ASP/CSE, Mrs.S.Usharani ASP/CSE	National	Block Chain	Syed Ammal Engineering College	22.02.2021 to 26.02.2021
Mr.T.Rampradesh ASP/EEE, A.Eshwari AP/EEE	STTP	"Trends & Challenges of Hybrid Electric Drive Utilities in Transport Sector	Chaitanya Barathi Institute Of Technology, Hyderabad	22- 27th Feb.
Mr.S.Jaisiva ASP/EEE	FDP	"Research Opportunities in Power Engineering"	M.Kumarasamy College Of Engineering	25 th to 26th Feb
Mrs.R.Suganya SAP/EEE	FDP	"Electric Vehicles"	KPR institute of Engineering and Technology	08 th to 12 th of feb
Ms.D.Gayathri	FDP	"Advance trends in Electrical Engineering"	Arya college of engineering and IT	24 th to 28 th feb
Mrs.INDUMATHI.N/AP	National	MULTIMEDIA DEVELOPMENT	NITTTR	01.02.2021 to 12.02.2021
Mrs.INDUMATHI.N/AP	National	Strategic Planning For Higher Education Institutions: Challenges, Tools And Techniques	Model Institute of Engineering & Technology, KotBhalwal, Jammu	08.02.2021 to 13.02.2021
Ms. B. Kanchana AP/English	National	Online FDP on "Effective Teaching, Learning and Evaluation Online"	SKIMT	17.02.2021
Ms.E.Shobana AP/Maths	National	"Application of Nano particles in Recent Development"	NPR College of Engineering and Technology	02.02.2021
K.Sivasankari, ASP/Physics	National	AICTE(ATAL) Online FDP on "Wearable Devices"	G.Narayanamma Institute of Technology and Science	1-2-2021 to 5-2-2021.
Mrs R.Dhivya AP/Physics	National	"Applications of Nano Particles in Recent	NPR college of Engineering &	2nd February 2021

		Developments”	Technology	
Mrs.A.Dhanalakshmi, ASP/Physics	National	“Second International conference on Instrumentation, MEMS and Bio sensing Technology”	SRM Institute of Science and Technology	18.2.2021 to 20.2.2021
Dr.T.Ananth Kumar, AP/CSE	National	Technology Entrepreneurship Development Program (TEDP)	Department of Science and Technology (DST) conducted by IITM HTIC MedTech Incubator	08-02-2021 to 20-03-2021
Mrs.S.Umadevi ASP/ CSE	National	MATLAB & LabVIEW Programming	NITTTR	22.2.2021 to 05.03.2021
Mr.R.Rajmohan ASP/CSE	National	Sci Lab: An Effective Open Source Tool for Computer Vision and Machine Learning	Vidya Jyothi Institute of Technology(AICTE)	01-03-2021 to 06-03-2021
Mrs.S.Usharani ASP/CSE and Mrs.P.Manju Bala ASP/CSE	National	Cyber Security & Forensics	NITTTR- Chandigarh and ACM@USICT Chapter, GGSIP University	08.03.2021 to 12.03.2021
Mrs.S.Usharani ASP/CSE and Mrs.P.Manju Bala ASP/CSE	National	Speech and Image Processing using Deep learning Techniques	AICTE- Annamalai University	03.03.2021 to 09.03.2021
Mr.M.Arulpugazhendhi, Associate Professor/ECE	National	Innovation and intellectual property rights	Arya College of Engineering & I.T- Kota,Jaipur	6.3.21 to 10.3.21
Mrs.G.Premlatha, Assistant Professor/ECE	National	Build world class cyber security program and new launches	EC Council/ Academia	1.4.21
Mr.D.Prabakaran,	National	Scientific manuscript writing	Institute of Home Economics,	3.3.21

Associate Professor/ECE			University of Delhi	
Mrs.K.Bhuvanewari Associate Professor/ECE	National	Build world class cyber security program and new launches	EC Council/ Academia	1.4.21
Mr.M.Saravanan, Associate Professor/ECE	National	Recent trends & application of wireless communication in VLSI design	Priyadarshini College of Engineering, Nagpur	22.3.21 to 27.3.21
Mr.M.Saravanan, Associate Professor/ECE	National	Industrial application of MATLAB	Ojaswini Institute of Management and Technology, Damoh	18.3.21 to 24.3.21
Mr.M.Saravanan, Associate Professor/ECE	National	Intelligent receiver design and future communication for 6G Technology	IEEE Information theory society Bangalore chapter	13.3.21
Mr.M.Saravanan, Associate Professor/ECE	National	Scilab: an effective open source tool for computer vision and machine learning	Vidya Jyothi institute of technology	1.3.21 to 6.3.21
Dr.A.John Dhanaseely	National	Blended and Flipped mode of Teaching	NITTR	1 st March to 5 th March
Mrs.INDUMATHI.N	National	(Webinar) Effective Teaching And Learning With Digital Tools	Nishitha Degree College	10.3.2021
Mrs.INDUMATHI.N	National	Women Enterepreneurship Development Programme	Sasi Institute Of Technology & Engineering	15.2.2021 – 16.3.2021
Mrs.INDUMATHI.N	National	Nurturing Digital Marketing Skills	Sri Ramakrishna Engineering College	24.2.2021 – 2.3.2021
Mrs. A. Anbukkarasi	Internationa l	"International Workshop on Recent Trends in Applied Mathematics and Research	Department of Mathematics, Govt. MGM College, Itarsi.	04.03.2021to 05.03.2021

		Methodology"		
MS. B. Kanchana	National	Online Training Programme on "Blended and Flipped mode of Teaching"	NITTTR, Chennai, Ministry of Education	01.03.2021 to 05.03.2021
Ms.Kalaivani.K	National	Five Day International Faculty Developments in Programme on "Language and Literature: Tools to Understand Society and Culture"	SRM Institute of Science and Technology, Ramapuram Campus, Chennai	09.03.2021 to 13.03.2021
Mrs. A. AshaBanu	National	Five Day International Faculty Developments in Programme on "Language and Literature: Tools to Understand Society and Culture"	SRM Institute of Science and Technology, Ramapuram Campus, Chennai	09.03.2021 to 13.03.2021

Papers presented by Faculty

Name	Title of the Paper	National / International	Name of Seminar / Conference	Organized by	Date
Mr.V.Vetriselvan	"Comparison of strength and deformation of composite pipes and steel using finite element modeling"	International	Conference on advances in materials and manufacturing	SSN College of Engineering	19th February 2021.
Mr.K.Suryavarman	"Emission reduction in SI	International	International Conference on	Sai Ram Engineering	28th January

	engine by Electrically controlled fuel supply sytem"		Advances in Mechanical Engineering (ICAME'21)	ng College, chennai	2021.
Mr.V.Thirumaran	"Study on mechanical behaviours of newly formulated aluminium alloy reinforced with boron nitride and rice husk ash	International	International Conference on Advances in Mechanical Engineering (ICAME'21)	Sai Ram Engineering College,	28th January 2021.
Mrs.R.Suganya ASP/EEE	"PV Powered water pumping system using super lift luoc converter for DC Microgrid utilization"	International conference on	Recent trends in Energy System Engineering	Annamalai University	09 th to 10 th of jan
Mr.M.Sutharsan AP-MECH	Study of optimization parameters newly fabricated metal matrix to improve material removal rate	International	3rd International e-conference on recent development in Automobile and Mechanical Engineering (RDAME'21)	Eshwari Engineering College	31.03.2021
Mr.R.Prabhakaran AP-MECH	Study of effects of mechanical and tribological properties of aluminium 7075 reinforced with boron carbide and alumina	International	3rd International e-conference on recent development in Automobile and Mechanical Engineering (RDAME'21)	Eshwari Engineering College	31.03.2021

Mr.V.Thirumaran AP-MECH	Effects of nano composite (Ni-P-W) coating on hybrid aluminium alloy to improve its wear and corrosion resistance of piston rings	International	3rd International e-conference on recent development in Automobile and Mechanical Engineering (RDAME'21)	Eshwari Engineering College	31.03.2021
MR.T.RAMPRADESH H ASP/EEE	Design and Implementation of efficient Torque control of Induction motor for Electric Vehicles	International	International Conference on Artificial Intelligence and Smart Systems (ICAIS 2021)	JCT college of Engineering and Technology	25 march
Ms. Jeciliya Selva Kiruba S/AP	Developing a Framework for Rehabilitation of Urban Tanks using Principles of Green Infrastructure	International	Sustainable Water Resources Development and Management (SWARDAM-2021)	Government college of Engineering, Aurangabad in association with Ujjain Engineering College and IWRS	March 8-9,2021

Training Program attended by Faculty

Name	National / International	Name of the Training program	Organized by	Date
Mr.R.Thamzhvel,	National	"Design of Experiments	Vemu Institute of Technology,	18-12-2020 to

		&optimization techniques"	Andra Pradesh.	23-12-2020
Mr.K.Suryavarman	National	"Design of Experiments &optimization techniques"	Vemu Institute of Technology, Andra Pradesh.	18-12-2020 to 23-12-2020
Mr.T.Rampradesh ASP/EEE, A.Eshwari AP/EEE	National	"Trends & Challenges of Hybrid Electric Drive Utilities in Transport Sector	Chaitanya Barathi Institute Of Technology, Hyderabad	22- 27th Feb.
Mr.S.Jaisiva ASP/EEE	National	"Research Opportunities in Power Engineering"	M.Kumarasamy College Of Engineering	25 th to 26th Feb
Dr. N. Sridevi	National	Machine Learning Approaches for Advanced Industrial Automation	Hindustan Institute of Technology and Science	04-01-2021 09-01-2021
Mr.S.Giridharan	National	Introduction to IoT	NPTEL	23-01-2021
Mr.M.Arun Kumar	National	Cloud Computing	NPTEL	17-01-2021
Mr.M.Arun Kumar	National	Computer Networks and Internet Protocol	NPTEL	23-01-2021
Ms. Prema K/ AP	National	Intellectual Property rights and patent process	Hindustan College of Engineering & Technology, Coimbatore	22.01.2021 - 23.01.2021
Ms. Jeciliya Selva Kiruba /AP	National	Climate change and Hydrological Impact Assessment	NIH, Roorkee	25.01.2021 – 29.01.2021
Dr. R. Satheesh Kumar, AP/S&H	National	Webinar on “How to apply for Grants from AICTE?”	Federation of Self Financing Technical Institutions of India in association of PUCA	12.1.2021

Dr. R. Satheesh Kumar, AP/S&H	National	“Income Tax Planning”	Ifet College Of Engineering	12.1.2021
Mrs. K. Sivasankari, ASP/S&H	National	“Income Tax Planning”	Ifet College Of Engineering	12.1.2021
Mrs. K. Sivasankari, ASP/S&H	National	AICTE (ATAL) Online FDP On "Quantum Computing"		18-1-2021 to 22-1-2021
Mrs. R. Dhivya, AP/S&H	National	“Income Tax Planning”	Ifet College Of Engineering	12.1.2021
Mr. B. Rajagobalan SAP/S&H	National	“Income Tax Planning”	Ifet College Of Engineering	12.1.2021
Mrs. R. Dhivya, AP/S&H	National	“Recent Developments In Supercapitors And Supercapatteries”	Sona College Of Arts And Science, Salem	9.1.2021.
Mr. B. Rajagobalan, SAP/S&H	National	“Recent Developments In Supercapitors And Supercapatteries”	Sona College Of Arts And Science, Salem	9.1.2021.
Mr. R. SakthiMurugan, SAP/S&H	National	“Income Tax Planning”	Ifet College Of Engineering	12.1.2021
Mr. R. SakthiMurugan, SAP/S&H	National	“Recent Developments In Supercapitors And Supercapatteries”	Sona College Of Arts And Science, Salem	9.1.2021.
Mrs. A. Dhanalakshmi, ASP/S&H	National	“Recent Developments In Supercapitors And Supercapatteries”	Sona College Of Arts And Science, Salem	9.1.2021.

Mr.S.Vinodraj	National	"Matlab optimiztion"	Government college of Engineering, Krishnagiri.	15-02-2020 to 19-02-2021
Ms. B. Kanchana AP/English	National	one-week Short-Term Training Programme on "Training for Teacher's Orientation for Newly Admitted Students – Phase-II	Indra Ganesan College of Engineering, Trichy & sponsored by AICTE, New Delhi.	22.2.2021 - 27.2.2021
Mr.B.Balaji AP/EEE	National	INTERNSHIP on "Internet Of Things"	Smart bridge Educational services pvt ltd	10 th Feb to 12 th March
Dr.K.Santhalaks hmi, Associate Professor	National	Online Training Programme on "Blended and Flipped mode of Teaching"	NITTTR, Chennai	01.3.2021 to 05.03.2021 (One Week)
K.Sivasankari, Associate Professor	National	Online Training Programme on "Blended and Flipped mode of Teaching"	NITTTR, Chennai	01.3.2021 to 05.03.2021 (One Week)
Dr.K.Santhalaks hmi, Associate Professor	National	Online Programme on "UHV Refresher FDP"	AICTE, New Delhi	15.2.2021 to 19.02.2021 (One Week).
Mrs.K.Lawrence Mary/ Senior Assistant Professor	National	Online Training Programme on "Refresher Course in Chemistry"	A.V.C college of Engineering, Mannampandal, Mayiladuthurai	22.02.2021 to 27.02.2021 (One Week).
Ms.P.Suganya/ Assistant Professor	National	Online Training Programme on "Refresher Course in Chemistry"	A.V.C college of Engineering, Mannampandal, Mayiladuthurai	22.02.2021 to 27.02.2021 (One Week).
Dr. P. Jacqueline Rosy / Associate	National	coordinated as " TNSCST sponsored Two days celebration on " Energy	IFET College of Engineering	18.03.2021 to 19.03.2021

Professor		Conservation Day"		
Mrs. M. Jebastin Sonia Jas	National	coordinated as TNSCST sponsored Two days celebration on " Energy Conservation Day"	IFET College of Engineering	18.03.2021 to 19.03.2021

Events participated by Faculty

Name	Event Title	National / International	Name of the Conference / Seminar / Symposia	Organized by	Date
Ms. Jeciliya Selva Kiruba /AP	Ultimate secrets to quickly get your research	National	paper published & hasten your research writing	Aristocrat Research.com	09.01.21
Ms. Prema K/AP Ms. Jeciliya Selva Kiruba S/AP Ms. Porkodi N/AP Mr.Sivasubramanian C/AP Ms. Priyanka P/AP Ms. Subalakshmi M/AP		International	3rd International conference on Engineering challenges in Gulf countries	The Institution of Engineers, Kuwait Chapter	22.01.21
Mr.M.Sujith ASP/EEE	CPD Accredited activity	National	Positive Psychology Certification: Live well and work well	Brace pobric	20th January

Seminar/Conference organized by Faculty

Resource Person	National / International	Name of the Webinar	Organized by	Date
Mr. R. Altrin, Junior Engineer-Design & Drawing works branch, Chennai division	National	Gate Way To Gate	Ms. Subalakshmi M/AP	23.01.2021

Mr. Suresh Velusamy, Senior Engineer, Salarpuria Sattva group, Bangalore	National	First Step towards Success	Ms. Prema K /AP	30.01.2021
Mrs.K.Elavarasi	National	Emerging Technological Trends and Future Challenges in Telemedicine	Seminar	Mepco Schlenk Engineering College (Autonomous)

Events participated by Faculty

Name of Faculty	Event Title	National / International	Organized by	Date
Ms. Prema K/AP	Quiz on Road safety	National	Indian Road safety Campaign and ministry of Road Transport and Highways (MoRT&H)	25.01.2021
Mr. Arulkumaran S /HOD Ms. Priyanka P/AP Ms. Sivasubramanian C /AP Ms. Subasri S	Toycathon	National	Government of India	31.01.2021

Book published by Faculty

Name of Author(s)	Title of the book	Title of the publication	Volume	ISSN	Page(s) No.	Year
Mr. B. Balaji AP/EEE, Dr. P. Pugazhendiran, Prof./EEE & Mrs. R. Revathy, AP/EEE	Solid State Drives	Ugam Books, powered by Stallions Pub. Pvt. Ltd.				2021
Dr. S. Matilda, Prof./CSE, Vice	Basic Electrical,	Ugam Books,				2021

Principal & Dean Academics, Mr. B. Balaji & Mrs. R. Suganya	Electronics & Measurement Engineering	powered by Stallions Pub. Pvt. Ltd.				
Mr. B. Balaji, AP/EEE, Dr. A. John Dhanaseely, ASP/EEE, Mr. T. Rampradesh, ASP/EEE	Basic Electrical, Electronics & Instrumentation Engineering	Ugam Books, powered by Stallions Pub. Pvt. Ltd.				2021
Mr. B. Balaji, AP/EEE, Mr. M. Sujith, Mr. N. Sivanantham & Mrs. K. Soumiyaa	Basic Electrical & Electronics Engineering	Ugam Books, powered by Stallions Pub. Pvt. Ltd.				2021
Mr. B. Balaji, AP/EEE	Basic Electrical & Instrumentation Engineering	Ugam Books, powered by Stallions Pub. Pvt. Ltd.				2021
M. Jebastin Sonia Jas, P. Jacqueline Rosy and S. Venkat Kumar	"APPLICATION OF MICROORGANISMS IN BIOREMEDIATION"	Microbes for Clean and Green Environment	Chapter – 3	ISBN: 978 -81-945631 -2-9	Page: 35 - 53	2020
Dr.T.Ananth Kumar AP/CSE	LIFI-Based Radiation-Free Monitoring and Transmission Device for Hospitals/Public Places	Multimedia and Sensory Input for Augmented, Mixed, and Virtual Reality, IGI Global(Book Chapter)	14	https://doi: 10.4018/978-1-7998-4703-8.ch010	195-205	January 2021
Dr.T.Ananth Kumar AP/CSE	Blockchain and Machine Learning for e-Healthcare Systems	Machine learning in healthcare	14	DOI:10.1049/PBHE029E	343-366	January 2021

		diagnosis		_ch14. IET	
Ms.M.Pavithra AP/CSE	Prediction and Classification of Breast Cancer Using Discriminative Learning Models and Techniques in Machine Vision Inspection Systems	Machine Learning- Based Approaches, John Wiley & Sons, Inc.,	2	10.1002 /978111978 6122.ch12	January 2021

STUDENT ACHIEVEMENTS

Workshops attended by Students

Name	National / International	Name of the Workshop	Organized by	Date
1. Priyadharshini S 2. Nimmathidhasan, Prasanna	National	Industrial Realistic Interior Design & Simulation	CADD center, Villupuram	16.03.2021

Papers Presented by Students

Name of Students	Title of the Paper	National International	Name of Seminar / Conference / Symposia	Organized by	Date
MR.A.G.ABDUL FAIYAZE FINAL YEAR MECHANICAL	Study of optimization parameters newly fabricated metal matrix to improve material removal rate	International	3rd International e-conference on recent development in Automobile and Mechanical Engineering (RDAME'21)	Eshwari Engineering College	31.03.2021
MR.S.HARISH, MR.G.GUNAL ABHSIHEK FINAL YEAR MECHANICAL	Study of effects of mechanical and tribological properties of aluminium 7075	International	3rd International e-conference on recent development	Eshwari Engineering College	31.03.2021

	reinforced with boron carbide and alumina		in Automobile and Mechanical Engineering (RDAME'21)		
MR.M.SHAJKALISH FINAL YEAR MECHANICAL	Effects of nano composite (Ni-P-W) coating on hybrid aluminium alloy to improve its wear and corrosion resistance of piston rings	International	3rd International e-conference on recent development in Automobile and Mechanical Engineering (RDAME'21)	Eshwari Engineering College	31.03.2021

Events participated by Students

Name of Students	Event Title	National / International	Name of the Conference / Seminar / Symposia	Organized by	Date
Balachandran Vijay Akashvanan	SPECATHON	National	SPECATHON	St. Peters College, Hyderabad	11.01.2021
Jyothika Mohana Kalaimamani Jaysridevi	AGRI HACKATHON	National	AGRI HACKATHON	Government of India	19.01.2021
DeviSuganya	AGRI HACKATHON	National	AGRI HACKATHON	Government of India	19.01.2021
Balachandran Vijay Akashvanan Harani Kirtika S	AGRI HACKATHON	National	AGRI HACKATHON	Government of India	19.01.2021
A. Balaji Surya	AGRI HACKATHON	National	AGRI HACKATHON	Government of India	19.01.2021
Mahalakshmi Kaviyapriya Pujalakshmi Kalaivarthini	AGRI HACKATHON	National	AGRI HACKATHON	Government of India	19.01.2021
Akash Priyadarshini	AGRI HACKATHON	National	AGRI HACKATHON	Government of India	19.01.2021
Ashwath Melin Axana Rosypriyanka Devajanani	AGRI HACKATHON	National	AGRI HACKATHON	Government of India	19.01.2021

P.PRAVEEN I Year /ECE, S.SHANMUGA AZHAGAR I Year /ECE, G.DHINESH I Year /ECE, L.YUVAN SARATHI I Year /ECE, B.KAMAL I Year /ECE, S.PUVIARASAN I Year /ECE, H.AFREEN BANU I Year /ECE, B.NISHA I Year /ECE	CODEATHON- 2021-1.0	National	CODEATHON- 2021-1.0	JIT IETE Student forum	9.01.2021 to 10.2.2021.
Ms.Najira banu.M III /ECE	CISCO	National	CISCO –Campus Ambassador	CISCO	March-2021
Rosy Priyanka (II Year-Civil)	Badminton Women Tournament	-	Anna University Zonal	VRS College of Engineering Arasur Campus	10.03.2021
Prasanna R (II Year-Civil) Priyadharshini S (II Year-Civil) Nimmadhidasan J (II year-Civil)	Project Expo	National	Project Expo	CADD Center, Villupuram	25.03.2021

Training/Internship Program attended by Students

Name of Students	National / Internati onal	Name of the Training Program	Organized by	Date
HARSHITHA .S SAFIA SHAHANAZ. A NITHIYASRI. S ARAVIND SEKAR. M BHARATHAN .K DURAI STALIN .K PUSHPARAJ .K JAYANTHAN .M	National	Introduction to IoT	NPTEL	23-01-2021

EVENTS

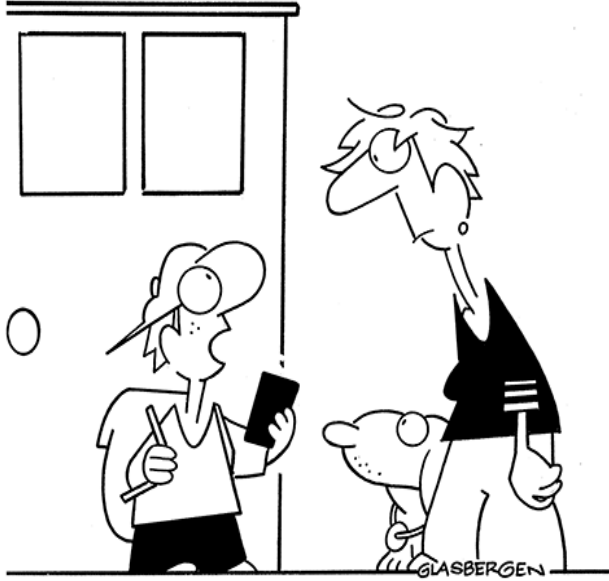
WORKSHOPS CONDUCTED by MBA DEPARTMENT

RESOURCE PERSON	National / International	Name of the Workshop	Organized by	Date
MR.T.SUMUKHA DEPUTY CHIEF MANAGER(FINANCE), NLC INDIA LTD	National	Income Tax Planning	Department Of MBA, IFETCE	12.1.2021
Mr.V.PUGAZHENDHI IOS APPS DEVELOPER, SPARKLE SOLUTIONS, CHENNAIQ	National	Ios Apps Development	EDC CELL & Department Of MBA, IFETCE	02.01.2021

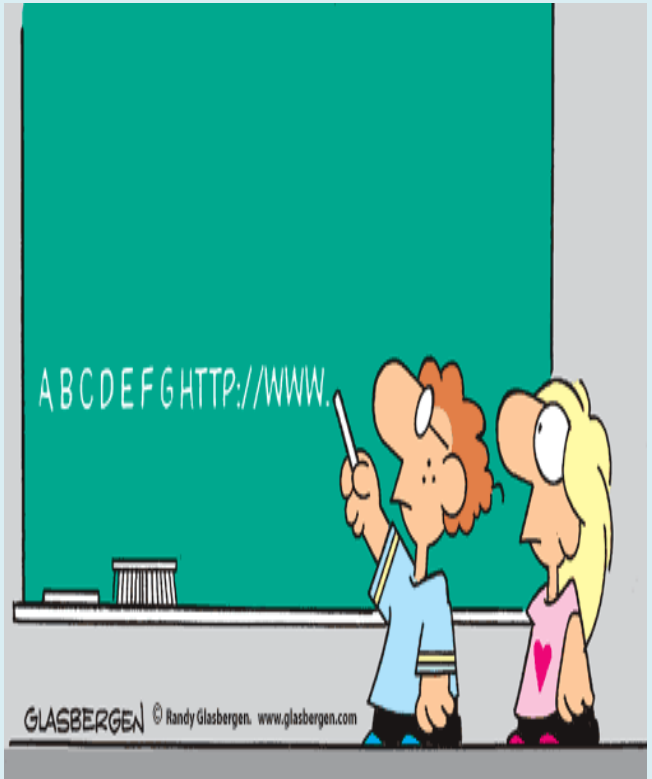
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“Why am I going to school if my phone already knows everything?”



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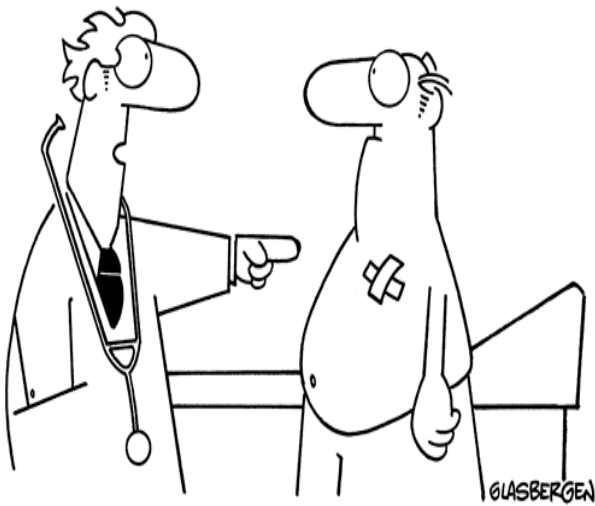
“For my Current Events class, I’m supposed to read a newspaper every day. What’s a newspaper?”

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“To prevent a heart attack, take one aspirin every day. Take it out for a run, then take it to the gym, then take it for a bike ride...”

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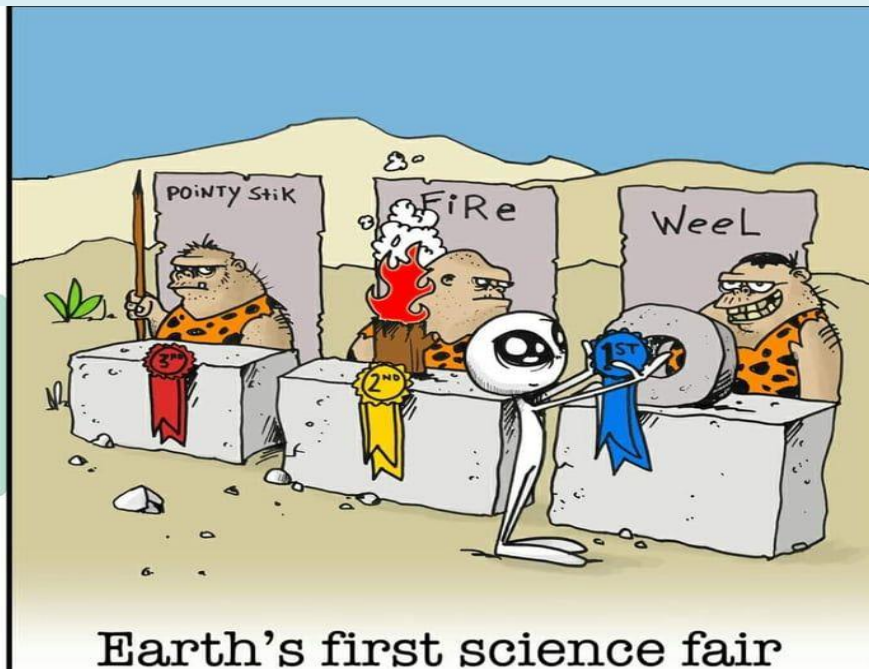


"Whenever your cholesterol gets too high, a sensor will send out a signal that automatically locks the kitchen door and turns on your treadmill."

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"It's the latest innovation in office safety. When your computer crashes, an air bag is activated so you won't bang your head in frustration."



Earth's first science fair

Physics,



Physics if Newton
slept under a
coconut tree,



Nothing can stop automation



Normal People:

“I don’t know what to wear today.”

Designers:



the evolution of man and computer



By
MR. M. ARUNKUMAR
ASSISTANT PROFESSOR / IT

MONTHLY NEWS

Dated 19.01.2021 The Hindu newspaper Page No 2

ONLINE ORIENTATION PROGRAMME FOR PG STUDENTS

IFET College of Engineering (An Autonomous Institution) conducted the orientation programme for the first-year post-graduation students. The function was presided over by the Chairman Mr. K.V. Raja. Secretary Mr. K. Shivram Alva and Treasurer Mr. R. Vimal. The Principal Dr. G. Mahendran, Vice Principal, and Dean Academics Dr. S. Matilda were the driving force. Heads of various departments, professors, teaching, and non-teaching faculty members, parents, and students participated through online mode. Members of Management highlighted the skills that the students will be able to gain. The principal and Dean's academics addressed the students and explained that they will be able to learn and hone their skills in areas that are currently in demand in the job market. Well equipped with higher bandwidth of internet, IFET College of Engineering is to start regular classes and virtual labs through online mode in an effective manner.

Dated 30.03.2021 The Hindu newspaper Page No 2

INCUBATION CENTRE AT COLLEGE PREMISES

IFET College of Engineering has established an Incubation centre under the MSME scheme of support for Entrepreneurial and Managerial Development. This is the only Incubation centre functioning in the Villupuram and nearby districts. This facility can be utilised for converting projects into commercial products by students, faculty members, and the general public. Grant-in -aid is up to Rs.15 lakhs per project idea that can be availed for nurturing and developing the project idea. Seed capital to tune Rs. 1 Crore can be availed from MSME. Mr. B.Sadeeshvelu, a student of IFET College of Engineering has received a fund of Rs. 4 Lakhs for converting his project titled "Automatic flower stringing machine" into a commercial product using this incubator. He was guided by Prof. U.Palani and Prof. V.Vetriselvan. The chairman of IFET College of Engineering Mr. K.V.Raja, Secretary Mr. Shivram Alva, Treasurer Mr. R.Vimal, Principal Dr. G.Mahendran, and Vice-principal Dr. S.Matilda congratulated the student for this achievement.