



# IFET

## COLLEGE OF ENGINEERING

An Autonomous Institution

ACCREDITED  
BY **NAAC**

Approved by AICTE, New Delhi,  
Recognized Research Centre of Anna University (ECE)  
IFET Nagar, Gangarampalayam, Villupuram - 605 108

**NBA**  
ACCREDITED  
COURSES

# JULY - SEPTEMBER 2021

# IFET TIMES







**July to September**

**From the Editor's Desk**

**While the situation due to COVID-19 impact is slowly easing out, let us get ready to welcome the new academic year with renewed zeal, devotion and dedication.**

**The new courses planned to be introduced in our institution will bring the state of the art technology to students to make them industry ready. Let us march ahead to achieve and break our own records in the new academic year.**

**K.R.SUKUMAR**

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**Librarian**

# 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
D. Saravanan ASP/CSE, Dr. D. Stalin David AP/CSE and R. Parthiban ASP/CSE	Consistency of Software Evolution Fault Rectification Model Based on Artificial Intelligence and Convolutional Neural Network	Implications of Information Science in Sociotechnical Systems [IIS-STS]		ISBN: 978-81-953432-0-1		July 2021
Dr. D. Stalin David AP/CSE, D.Saravanan ASP/CSE and R. Parthiban ASP/CSE	Certain Provision of Resources in Cloud Computing Based on Bat Algorithm (BA)	Implications of Information Science in Sociotechnical Systems [IIS-STS]		ISBN: 978-81-953432-0-1		July 2021
Dr.R.Thendral AP/CSE and Mr.A.Balachandar AP/CSE	Warning System to Identify Pothole and Speed Breakers on Roads Using JSON Data	Turkish Online Journal of Qualitative Inquiry	6(8)		6193-6198	July 2021
Mr.K.Kiruba AP/CSE	Cluster Analysis	Journal on Recent Innovation in Cloud Computing, Virtualization & Web	5(1)	2581-544X		July 2021

		Applications				
Dr.T.Ananth kumar AP/CSE	Transforming 2 Green Cities with IoT(Book Chapter)	Handbook of Green Engineering Technologies for Sustainable Smart Cities				July 2021
M. Nivetha Kumari AP/IT & S. Giridharan AP/IT	Reckoning attainable intent for dike with uncharted agitation	IEEE	-	978-1- 6654- 2865-1	184- 188	2021
Dr. D. Stalin David AP/CSE and D.Saravanan ASP/CSE	Artificial intelligence and convolutional neural networks, consistency of software evolution fault rectification model	Artech J. Eff. Res. Eng. Technol.,	Vol 2, Issue 1	ISSN: 2523- 6164	13-17	August 2021
D. Saravanan ASP/CSE and Dr. D. Stalin David AP/CSE	Securing the biometric data in cloud computing	Artech J. Eff. Res. Eng. Technol.,	Vol 2, Issue 1	ISSN: 2523- 6164	18-24	August 2021
Mrs.J.Jayachitra ASP/IT	Removal Of Haze Using Image Processing Techniques	International Journal of Aquatic Science	12		1767- 1774	2021
Mrs.K.Elavarasi ASP/IT	Implementation of Mechanical Disposal of Sanitary Towels Using IoT	International Journal of Aquatic Science	12		1739- 1744	2021
Mrs.M.Nivetha Kumari AP/IT	Design of a Tactical Border Surveillance System Using Wireless Sensor Networks	International Journal of Aquatic Science	12		1223- 1230	2021
M. Nivetha Kumari AP/IT &	Tablets Monitoring Using Digital Pill for Visually Impaired	International Journal of Aquatic	12		1231- 1237	2021

S. Giridharan AP/IT	People	Science				
Mr.M.Arunkumar AP/IT	A Secure Remote Patient Communication System Using IoT	International Journal of Aquatic Science	12		1394-1401	2021
Mr.M.Arunkumar AP/IT	Projected Virtual Reality Technology in Hotel Management	International Journal of Aquatic Science	12		1682-1689	2021
Mr.M.Arunkumar AP/IT	Automatic Fastag Toll System Using RFID and Raspberry Pi	International Journal of Aquatic Science	12		1690-1696	2021
Mrs. Subalakshmi M/AP/CIVIL	An Experimental Investigation on Bio-Self cured concrete	International Journal of Research and Analytical Reviews	8	2349-5138 2348-1269	526-530	2021
Ms. Porkodi N AP/ CIVIL	Manufacturing of Interior Wall panel using Natural fiber and Lime	International Journal of Research and Analytical Reviews	8	2349-5138 2348-1269	120 to 1s25	2021
Ms. Porkodi N AP/ CIVIL	Experimental Study on Behaviour of Geopolymer Tiles with GGBS and M Sand	International Research Journal of Engineering and Technology (IRJET)	8	2395-0056 2395-0072	611-615	2021
Ms.Jeciliya Selva Kiruba S AP / CIVIL	Effect of Rainwater Harvesting in Ground Water Table for Pondicherry City	International Journal of Research and Analytical Reviews	8	2349-5138 2348-1269	21 to 26	2021

		(IJRAR)				
Dr.Santhanalakshmi K, ASP/S&H(Chem), Dr.Margandan K.ASP/S&H(Chem), Dr.Manivannan P.ASP/S&H(Chem) and Dr.Jacqueline Rosy	“Pharmacological significance of Oxadiazole scaffold”	Research Journal of Chemistry and Environment	25 (8)	2278- 4527	8	August (2021)
M.Jebastin Sonia Jas, SAP/CHEM P. Jacqueline Rosy ASP/CHEM	“Review of Greenhouse Gas Emission”	Science, Technology and Development,	10(9)	0950- 0707		Sep 2021

### Workshops attended by Faculty

Name	National / International	Name of the Workshop	Organized by	Date
Dr.M.Saravanan	National	solidworks cabalities on 3D, CAD,CAM,CAE	AIC-PEC Foundation directore of higher and technical education	24.6.2021 to 26.6.2021.
Mrs.A Devi	National	EDUCATIO 4.0-Role of Educational Technologies	symbiasis institute of computer studies and research	15.7.2021- 17.7.2021
Mrs.A Devi	National	Writing Effective Research Articles	sree narayana guru college	24.07.2021.
Ms. Jeciliya Selva Kiruba /AP	National	Disaster Management Techniques	Radhey Hari Government P.G College,	10.08.21 – 11.8.21

			Uttarakhand	
Dr. Soupramanien T, ASP/Mathematics	National	“Third National Workshop on Linear Algebra 2021 (Online)”	SSN College of Engineering, Kalavakkam	August 05-06, 2021
R. Dhivya,AP/ S&H (Phy)	International	two weeks International workshop on “Emerging Trends in the Field of Science & Technology”,	Sathyabama Institute of Science and Technology	16.8.2021 to 28.8.2021.

### **FDP attended by Faculty**

<b>Name</b>	<b>National / International</b>	<b>Name of the FDP</b>	<b>Organized by</b>	<b>Date</b>
Dr.R.Thendral AP/CSE	National	Multi-Technologies	Aarupadai Veedu Institute of Technology (AVIT)	28.06.2021 to 03.07.2021
Dr.D.Stalin David	International	Emerging Techniques in Biomedical Instrumentation-ETBI-2021		28.06.2021 to 03.07.2021
Mr.R.Rajmohan ASP/CSE and Mrs.P.Manjubala ASP/CSE	National	Online Innovation Ambassador training (Advanced Level) conducted by MoE's Innovation Cell & AICTE	AICTE	30.06.2021 to 30.07.2021
Ms.K.Kiruba AP/CSE and Mrs.G.Leema Roselin AP/CSE	National	Semantic Intelligence: The Way Forward with Artificial Intelligence	AICTE Training And Learning (ATAL) Academy Online Elementary FDP(National Institute of	01.07.2021 to 05.07.2021

			Technology, Kurukshetra)	
Dr.R.Thendral AP/CSE	National	Designing Intelligent systems	Indian Institute of Information Technology, Nagpur	05.07.2021 to 09.07.2021
Dr.R.Thendral AP/CSE	National	Inculcating Universal Human Values in Technical Education	AICTE	12.07.2021 to 16.07.2021
Mrs.S.Umadevi ASPCSE	National	Framework for Online Assessment	AICTE ATAL	12.07.2021 to 16.07.2021
Mrs.S.Umadevi ASPCSE	National	OER and Open Education Practices	NITTTR	19.07.2021 - 23.07.2021
Ms.M.Rajeswari AP/CSE	National (Webinar}	How to avoid plagiarism?	VIT Chennai	16.07.2021
Ms.M.Rajeswari AP/CSE	National (Workshop)	Need for optimization techniques in machine learning application	vignan's foundation for science and research	16.07.2021
Ms.M.Rajeswari AP/CSE	National (STTP)	Design of soft computing-based machine learning	Panipat institute of engineering and technology	17.07.2021
Ms.M.Rajeswari AP/CSE	National	Semantic Intelligence	AICTE(ATAL)	21.07.2021 to 25.07.2021
Ms.M.Rajeswari AP/CSE	National	Robotics and Automation	Sri Sairam Institute of Technology	26.07.2021 to 30.07.2021
Dr.D.Stalin David AP/CSE	National (Workshop)	Industrial Conclave 1.0 on PHYTHON & ITS APPLICATIONS	Shape MySkills Pvt. Ltd	24.07.2021
Dr.T.Ananth Kumar	National	Cyber Safety and	Indian Teacher	26.07.2021 to



AP/CSE and Mrs.P.Manjubala ASP/CSE	(Teachers training Programme)	Security	education Communication, Indore, Madhya Pradesh under MeitY	31.07.2021
Mrs R.Suganya SAP/EEE	National	Electric Vehicles: Technologies and Challenges	A D PATEL Institute of Technology	20.07.2021 to 24.07.2021
Mr. B. Balaji, AP/EEE	National	IOT in Industries	at Chalapathi Institute of Engineering and Technology , Guntur	02.07.2021 and 03.07.2021
Mrs. J. Jayachitra	National	Medical Image Processing and 3D Applications	ATAL/ University College of Engineering.	05.07.2021 to 09.07.2021
Mrs. K. Elavarasi	National	"Semantic Intelligence: The Way Forward with Artificial Intelligence (Part I)"	ATAL/ National Institute of Technology Kurukshetra.	21.07.2021 to 25.07.2021
Mrs. S. Giridharan & Mrs. M. Nivetha Kumari	National	Recent Innovations in Industrial Automation	SriVenkateshwa raa college of Engineering & Technology, Puducherry	12.07.2021 To 16.07.2021
Mrs. S. Giridharan	National	Machine Learning and Computer Vision	ATAL/ Vignans Foundation for Science Technology and Research University.	05.07.2021 To 09.07.2021

Mr. M. Arunkumar	National	Machine Learning Concepts with Python	ATAL/ Government Polytechnic Gandhinagar.	05.07.2021 to 09.07.2021
Mrs. C. Kavitha	National	Multi-Technologies	AVIT	28.06.2021 To 03.07.2021
Mrs. C. Kavitha	National	Sensors fabrication and it's applications in IoT	ATAL/ Graphic Era(Deemed to be University)	02.07.2021 To 06.07.2021
Mrs. C. Kavitha	National	AI in Banking And Financial Services	ATAL/ B.M.S. College of Engineering.	12.07.2021 To 16.07.2021
Mr. N.Sethuraman,	National	"MATLAB Programming for simulation and design"	NITTTR	09-08-2021 to 13-08-2021
Mr.R.Thamizhvel	National	"MATLAB Programming for simulation and design"	NITTTR	09-08-2021 to 13-08-2021
Mr. V.Thirumaran,	National	"MATLAB Programming for simulation and design"	NITTTR	09-08-2021 to 13-08-2021
Mr.S.Annamalai,	National	"Computer Integrated Manufacturing"	NITTTR	02-08-2021 to 06-08-2021
Mr. N.Vaithianathan	National	"Computer Integrated Manufacturing"	NITTTR	02-08-2021 to 06-08-2021
Mr.T.Rampradesh ASP/EEE	National	Electric Transportation Infrastructure for E-Mobility in India	Atal sponsored National Institute of Technology,	02/08/2021 to 06/08/2021

			Warangal	
Mrs. J. Jayachitra	National	Artificial Intelligence impacts on Telemedicine	ATAL/ Gokaraju Rangaraju Institute of Engineering and Technology.	02.08.2021 to 06.08.2021
Mr. M. Arunkumar	National	Blockchain applications in businesses for wealth creation	ATAL/ Government Polytechnic Gandhinagar.	02.08.2021 to 06.08.2021
Ms. Jeciliya Selva Kiruba /AP	National	Urban Hydrology	ATAL, College of Technology, GB Pant University of Agriculture and Technology	2.8.21 to 6.8.21
Mrs.T.Shyamaladevi AP/Mathematics	National	Seven day National Level online FDP on “Computational tools for Applied Mathematics and Engineering”	Department of Mathematics school of Foundational Sciences, Kumaraguru College of Technology, Coibamtore,	15 to 21 July 2021.
Dr. Soupramanien T, ASP/Mathematics	National	five day National Level online FDP on “Modern method for Effective teaching and learning” o	India ideal Teachers Association and Department of Mathematics Rathinam college of Arts and Science, Coibatore,	17 to 21 August 2021.

Dr.K.Margandan, SAP/S&H(Chem),	National	online short term training programme on“Emerging trends in the Commercial Energy Sector”	SRM Institute of Science & Technology, Kattankulathur,	19.08.2021 & 20.08.2021.
Mrs. J. Jayachitra	National	One Week International on Research Excellence and Academic Development	Sri Ramakrishna College of Arts & Science	01-09-2021 To 08-09-2021
Mr. M. Arunkumar	National	Introduction to Internet of Things	NPTEL-AICTE	18-09-2021
Mr.I.Mohamed Marzooth SAP/MBA	International	Innovations in Online Teaching, Learning and Evaluation (IOTLE 2021) [Webinar]	Karunya (Deemed University)	5.8.2021- 7.8.2021
Mrs. N.Indumathi AP/MBA	National	Empowering Research and Statistical Analysis [Modular Mode]	NITTTR, CHENNAI	03.08.2021 – 31.08.2021
Mr.I.Mohamed Marzooth SAP/MBA	National	One Week Faculty Development Programme	Programme Monitoring Office – Innovation & Entrepreneurship Development Programme [Pmo-Iedp], Uce, Villupuram	21.9.21 – 27.9.21
Mrs. N.Indumathi AP/MBA	International	One Week International Fdp on Research Excellence and Academic Development	Sri Ramakrishna College of Arts and Science	1.9.21 – 8.9.21
Mrs. N.Indumathi AP/MBA	National	Recent Trends in Cyclodextrin – Based Nano Fiber Application	IFET College of Engineering	4.9.21



		in Textile Industries		
Mr.A.Arun ASP/MBA	National	Recent Trends in Cyclodextrin – Based Nano Fiber Application in Textile Industries	IFET College of Engineering	4.9.21
Mr.S.Viswanathan ASP/MBA	National	Recent Trends in Cyclodextrin – Based Nano Fiber Application in Textile Industries	IFET College of Engineering	4.9.21
Mr. B.Rajagobalan/SAP/S&H - Physics	National	One Week Online Faculty Development Programme on "Vibration and Condition Monitoring (VACM 2021)"	Department of Mechanical Engineering, Vasavi College of Engineering, Hyderabad	20.9.2021 to 24.9.2021.
Ms. A. Dhanalakshmi/ASP/S&H	National	Two Week International Faculty Development Programme on "Advanced Computational and Experimental Research"	SRM Institute of Science and Technology	13.9.2021 to 25.9.2021.
K.Lawrence Mary	International	International development programme on 'Current Technology in Chemistry'	Easwari Engineering College (Autonomous), Rasipuram.	23-08-2021 & 27-08-2021

### Papers presented by Faculty

Name	Title of the Paper	National / International	Name of Seminar / Conference	Organized by	Date
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Dr.J Vidhya	"Design and Analysis of High Pace Terahertz Antenna	International	Conference	PSG Institute of Technology	8.7.2021 to 10.7.2021 .
Mr.Sathish Kumar	Design and Analysis of High Pace Terahertz Antenna"	International	Conference	Manakula Vinayagar Institute of Technology	30th and 31st July 2021
Dr.J Vidhya	Analysis of the efficiency of FSO communication system with several MIMO techniques	International Conference	Systems, Computation, Automation and Networking (Virtual Mode)	Manakula Vinayagar Institute of Technology	30th and 31st July 2021.
.A Devi	Early Diagnosing and Identifying Tool for Specific Learning Disability using Decision tree algorithm	International Conference	inventive research in computer applications(I CIRCA2021)	RVS College of Engineering and technology, coimbatore	2.8.2021 to 4.8.2021.

### Training Program attended by Faculty

Name	National / International	Name of the Training program	Organized by	Date
A. Devi	National	Biomedical Electronics and IoT in Healthcare	NITTTR	12.07.2021 to 16.07.2021

Mrs. G.Prema Latha	National	Biomedical Electronics and IoT in Healthcare	NITTTR	12.07.2021 to 16.07.2021
Mr.B.Vinodh Kumar	National	Innovation Ambassador training	MoE's Innovation Cell & AICTE	30th June - 30th July 2021
Ms. Jeciliya Selva Kiruba /AP	National	GIS and Remote Sensing for Designing and implementing Green Infrastructure	Center for Science and Environment	23.6.2021 to 30.7.2021
Ms. Prema K /AP	National	Innovation Ambassaor Training (Foundation level)	MoE's Innovation Cell & AICTE	30.6.2021 to 30.7.2021
Mrs. K.Sivasankari, ASP/Physics	National	'How to avoid plagiarism?'	School of Social Sciences and Languages (SSL), VIT Chennai	16th July, 2021
Mrs. A.Dhanalakshmi/A SP/Physics	National	'How to avoid plagiarism?'	School of Social Sciences and Languages (SSL), VIT Chennai	16th July, 2021
Mr.B.Rajagobalan, SAP/Physics	National	'How to avoid plagiarism?'	School of Social Sciences and Languages (SSL), VIT Chennai	16th July, 2021
M.Jebastin Sona Jas, Senior Assistant Professor	National	'How to avoid plagiarism?'	School of Social Sciences and Languages (SSL), VIT Chennai	16th July, 2021
Dr.K.SANTHANA LAKSHMI, Associate Professor	National	'How to avoid plagiarism?'	School of Social Sciences and Languages (SSL), VIT Chennai	16th July, 2021
Dr. Soupramanien T, ASP/Mathematics	National	One week Online Training Programme on “LaTeX and Desktop Publishing”	National Institution of Technical Teachers Training and Research	09.08.2021 to 13.08.2021

			Chennai	
Mr. B.Rajagobalan/SA P/S&H(Phy)	National	Webinar on 'How to avoid plagiarism?'	School of Social Sciences and Languages (SSL), VIT Chennai	16.7.2021.
Dr. R.Satheesh Kumar, AP/S&H(Phy)	International	webinar on NANOSCIENCE-2021	Christian College Kattakada, Kerala	28.7.2021 to 30.7.2021.
K.Lawrence Mary, SAP/S&H(Chem)	National	National Webinar on 'National Education Policy – (NEP 2020) Awareness'	Women Cell in Association with ISTE Chapter NNRESGI, at Nalla Narasimha Reddy Education Society's Group of Institutions	13.8. 2021.
Mrs.K.Sivasankari, ASP/S&H(Phy)	National	National Webinar on " Intellectual Property Rights"	Research and Development Centre, Krishnasamy College of Engineering and Technology,	21.8.2021.
Mr.R.Sakthi Murugan,SAP/S& H(Phy),	National	National Webinar on " Intellectual Property Rights"	Research and Development Centre, Krishnasamy College of Engineering and Technology,	21.8.2021.
Mr. B.Rajagobalan/SA P/S&H	National	National Webinar on " Intellectual Property Rights"	Research and Development Centre, Krishnasamy College of Engineering and Technology,	21.8.2021.
Mr. B.Rajagobalan/SA P/S&H(Phy)	National	National Webinar on Functional Materials "NWFM 21"	Department of Physics in association with Crater's Club, K. Ramakrishnan	23.8.2021 to 24.8.2021.



			College of Engineering, Tiruchirappalli	
Dr. R.Satheesh Kumar, AP/S&H(Phy) h	National	National webinar on Intellectual Property Rights:Copyright and Patents	C.D.Jain College of Commerce, Ahmednagar	27.8.2021.
R.Dhivya, AP/S&H (Phy)	National	National Webinar on Literature and Pandemics”	Department of English, Vels Institute of Science, Technology and Advanced Studies	28.08.2021.
Mrs. K.Sivasankari, ASP/S&H(Phy)	National	online training programme on MATLAB Programming for Simulation and Design	NITTTR, Chennai	9.8.2021 to 13.8.2021.
Mr. B.Rajagobalan/SAP, P,	National	Webinar on "Artificial Intelligence in Aerospace Engineering"	Research and Development Centre, Krishnasamy College of Engineering & Technology, Cuddalore	4.9.2021.
Mr. R. Sakthi Murugan/SAP/S&H	National	Webinar on "Artificial Intelligence in Aerospace Engineering"	Research and Development Centre, Krishnasamy College of Engineering & Technology, Cuddalore	4.9.2021.
Ms. A. Dhanalakshmi/ASP /S&H	National	One Day Orientation Programme on "Unnath Bharat Abhiyan (UBA)"	Gandhigram University	24.9.2021.
Mrs. A. Anbukkarasi	National	One Day Orientation Programme on "Unnath Bharat Abhiyan (UBA)"	Gandhigram University	24.9.2021.

### Events participated by Faculty

Name of Students	Event Title	National / International	Name of the Conference / Seminar / Symposia	Organized by	Date
Mrs.A DEVI	ANNUAL GLOBAL	National	The mentor conference 2021	The mentor conference	21.7.2021

	EVENT				
Ms. Prema K/AP	Road to Tokyo 2020 Quiz	National		Sports authority of India	5.7.2021
Mrs. K.Sivasankari, ASP/ Physics	2nd International Symposium on “Modeling of Crystal Growth Processes and Devices”	International	Symposia	SSN Research Centre, SSN Institutions, Chennai	5 <sup>th</sup> - 8 <sup>th</sup> , July 2021
Dr.K.Margandan, Senior Assistant Professor	International Conference on Current Trends in Material Science & Technology[CT MST-2021]	International	Conference	Nehru institute of technology, Coimbatore	26 <sup>th</sup> July- 2021
Mrs.A.Dhanalakshmi, ASP/S&H(Phy)	“Recent Advances in Smart Sensor”	National	symposium	Department of Physics, SRM Institute of Technology, Chennai	26.8.2021

### Seminar/Conference attended by Faculty

Name	National / International	Title	Name of the Seminar/ Conference	Organized by	Date
Mrs. M. Nivethakumari Mrs. C. Kavitha Mrs. J. Suganthi	National	Recent Trends in Cyclodextrin – Based Nano Fiber Application in Textile Industries	Seminar	IFET College of Engineering	04-09-2021
Mr. Sivasubramanian C/AP	Intra - College	Introduction to 3D Modelling in STAAD Pro		Mr. Gopinath Manoharan, Senior Structural Engineer,	15.09.2021

				Water Supply Division, WET-IC, L&T Construction, Chennai	
Dr.A. Vaithiyanathan Dr.T. Soupramanien Dr. C. Jesuraj Mohammed Shapique A.Anbukkarasi E. Mathivadhana P. Danesh M. Anandhkumar V.Sathish Kumar T.Shyamala Devi P.Manikandan E.Shobana Dr.D.Devi A.Ashabanu B.Kanchana	One day National Level Seminar on “ Recent Trends in Cyclodextrin- Based Nano Fiber Application in Textile Industries”	National	Seminar	IFET College of Engineering, Villupuram	4.09.202 1
Dr.A. Vaithiyanathan Dr.T. Soupramanien Dr. C. Jesuraj Mohammed Shapique A.Anbukkarasi	One day National Level Seminar on “ Awareness of SWAYAM courses”	National	Seminar	IFET College of Engineering, Villupuram	17.09.2021

E. Mathivadhana					
P. Danesh					
M. Anandhkumar					
V.Sathish Kumar					
T.Shyamala Devi					
P.Manikandan					
E.Shobana					
Dr.D.Devi					
A.Ashabanu					
B.Kanchana					
Ms. A. Dhanalakshmi/ASP					
Mr. R. Sakthi Murugan/SAP,					
Mr. R. Satheesh Kumar/AP/S&H					
Mr. B.Rajagobalan/SAP					
Ms. K. Sivasankari/ASP					
Ms. A. Dhanalakshmi/ASP					
K.Lawrence Mary					
Dr.Manivannan					
Dr.P.Jacqueline Rosy					
Dr.K.Santhanalakshmi					
P.Suganya,					
M.Jebastin Sonia Jas,					
K.Lawrence Mary					



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## STUDENT ACHIEVEMENTS

### Workshops attended by Students

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Name	National / International	Name of the Workshop	Organized by	Date
Nimmadhidasan J (III year)	National	Computations of Propulsion Systems	SKILL LYNC	2.07.2021
Nimmadhidasan J (III year)	National	Fundamentals on Project Management	SKILL LYNC	19.07.2021
Nimmadhidasan J (III year)	National	Project Management using Oracle Primavera	SKILL LYNC	20.07.2021
Chandru H (II year Civil) Subalakshmy (II year) Logesh E (II year) Porko K E (II year)	National	AutoCAD -2D	ACADD Center	21.07.2021
Ashwath A (III year) Priyadarshini S(III year)	National	Project Cost control in Construction Projects	SKILL LYNC	22.07.2021
Melin Axana (III year) V Rosy Priyanka (III year) J Nimmadhidasan (III year)	National	Debris flow modelling using Remote Sensing and GIS	SKILL LYNC	25.07.2021
Melin Axana (III year) V Rosy Priyanka (III year) J Nimmathidasan (III year)	National	Programmabe Logic Controller	SKILL LYNC	25.07.2021
V Rosy Priyanka (III year) J Nimmathidasan (III year)	National	UAV/Drones & their Real Time Applications	SKILL LYNC	26.07.2021

Nimmadhidasan J (III year)	National	Introduction to Battery Technology	SKILL LYNC	28.07.2021
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## Papers Presented by Students

Name of Students	Title of the Paper	National International	Name of Seminar / Conference / Symposia	Organized by	Date
GEETHAPRIYA.G	on Real Time Investigation on Congestion Forecasting in De-regulated Power Markets using Artificial Neural Network	International	ICSCAN'21	Manakula vinayagar Institute of technology	30th and 31st July 2021.
K.JAYAKUMAR	LOW COST BLUETOOTH SPEAKER	NATIONAL	SYMPOSIAM	KONGU COLLEGE OF ENGINEERING AND TECH	25.09.21
B.YOGAVANI M.SATHIYA A.GAYATHIRI	ARITFICIAL INTELLIGENCE USING POWER SYSTEM	NATIONAL	SYMPOSIAM	KONGU COLLEGE OF ENGINEERING AND TECH	25.09.21

## Workshops attended by Students

Name	National / International	Name of the Workshop	Organized by	Date
1. Priyadharshini S (III year)	National	AutoCAD 2D	ACADD Center	1.8.2021
1. Nimmadhidasan J (III year) 2. RosyPriyanka V (III Year)	National	Essentials of CFD	SKILL LYNC	4.8.2021
1. Nimmadhidasan J (III year) 2. RosyPriyanka V (III Year)	National	Solid Mechanics	SKILL LYNC	6.8.2021

1. Priyadharshini S (III year)	National	Disaster Management Techniques	Radhey Hari Government P.G College, Uttarakhand	10.8.21 – 11.8.21
2. Ashwath S (III Year)				
1. Nimmadhidasan J (III year)	National	A New Dimension of 3D Printing	CADD Center	24.08.2021
2.				
3. Mr. Nimmathidasan J (III year)	National	Structural Dynamics - An Overview	Skill Lync	13.09.2021
4. Mr. Nimmathidasan J (III year)				
	National	GIS and Web mapping Technology, Modelling using Sketchup	Skill Lync	30.09.2021

### Events

Name of Students	Event Title	National / International	Name of the Conference / Seminar / Symposia	Organized by	Date
A.Hariharan,I/EEE	Symposium	National	MITILENCE 2021	Manakula Vinayagar Institute of Technology	08 <sup>th</sup> Aug,202 1

### Training/Internship Program attended by Students

Name of Students	National / International	Name of the Training Program	Organized by	Date
<b>Pragadeesh S Abinaya S Devadharshini S Mahan K Balaji Ragavendra Raj R Aswin R Dhivagar Rajasekar V Gnanadesigan V Archana V Bharathan K Harshitha S Sabari B Keshav V</b>	<b>National</b>	<b>Cyber Security virtual Internship Program -2021</b>	<b>Cisco, AICTE and NASSCOM FutureSkills</b>	<b>13-07-2021</b>

<b>Aravind Sekar</b> <b>Renette A</b> <b>Devadharshini R</b> <b>Swetha Devi S</b> <b>Jayanthan M</b> <b>Darwin Gnanadasan R</b>				
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**EVENTS**

**RESOURCE PERSON:**

Mrs.P.Hemalatha SAP from the Department of CSE has acted as a resource person for the seminar on “Internet of Things (IoT): An end user perspective”, organized by Chalapathi Institute of Engineering and Technology, Andrapradesh on 2nd July 2021.

**COURSE:**

Dr.T. Ananth kumar AP from the Department of CSE has Completed CompTIA Security+ certification (Become a CompTIA Security+ Certified Security Professional (SY0-601)) on 27<sup>th</sup> July 2021.

**REVIEWER:**

Dr. T. Ananth Kumar AP from the Department of CSE has acted as a reviewer for International Conference on Advances in Signal Processing Communications and Computational Intelligence (ASCCI) on 23rd- 24th July 2021 with AIP as publication Partner at CMR Technical Campus, Hyderabad.

**PATENT:**

Mr.D.Saravanan ASP, Mr.D.Raghu Raman SAP, Mr.R.Rajesh ASP and Dr.D.Stalin David AP from the Department of CSE has filed a patent on the title “Autonomous robots for agriculture field”, Application Number: 202141033796.

Mr.D.Saravanan ASP and Dr.D.Stalin David AP from the Department of CSE has filed a patent on the title “Automatic intelligent detection of cancer using machine learning”, Application Number: 202141027587.

Mr.D.Saravanan ASP and Dr.D.Stalin David AP from the Department of CSE has filed a patent on the title “Low-cost smart e-vehicle charging station with attery swapping technology”, Application Number: 202141028205.

Mr.D.Saravanan ASP and Dr.D.Stalin David AP from the Department of CSE has filed a patent on the title “Real time pedestrian crossing detection using deep learning”, Application Number: 02141029987.

Mr.D.Saravanan ASP and Dr.D.Stalin David AP from the Department of CSE has filed a patent on the title “A System and Method for Low-Frequency Seismic Zone Using Machine Learning & Monte Carlo Method”, Application Number: 13795/2021-CO/L.

Dr.T.Ananth kumar AP from the Department of CSE has filed an International patent on the title “Smart Bus with AI Based Face Mask Detection System in Pandemic Situations Using Raspberry Pi”

Mr.D.Saravanan ASP, Dr.D.Stalin David AP, Mrs.S.Usharani ASP, Mr. D.Raghu Raman SAP Mr.R.Rajesh ASP and Mr. D.Jayakumar ASP from the Department of CSE has published a patent on the title “Intelligent & Smart Mirror Using IOT Technique”, Application Number:202141032303.

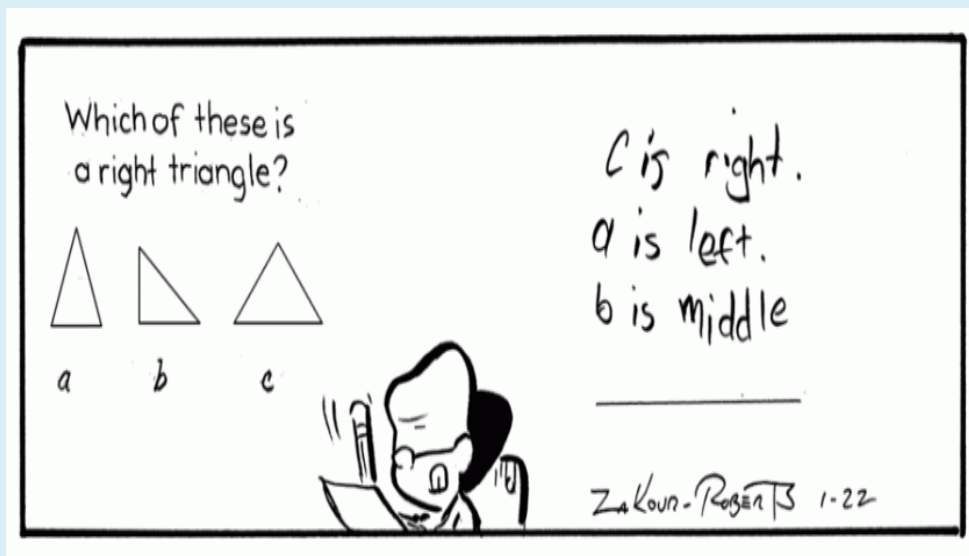
Dr.D.Stalin David AP and Mr.D.Saravanan ASP from the Department of CSE has published a patent on the title “Human Relationship Management System using QR Code Technology with Smart Device”, Application Number:202141037636.

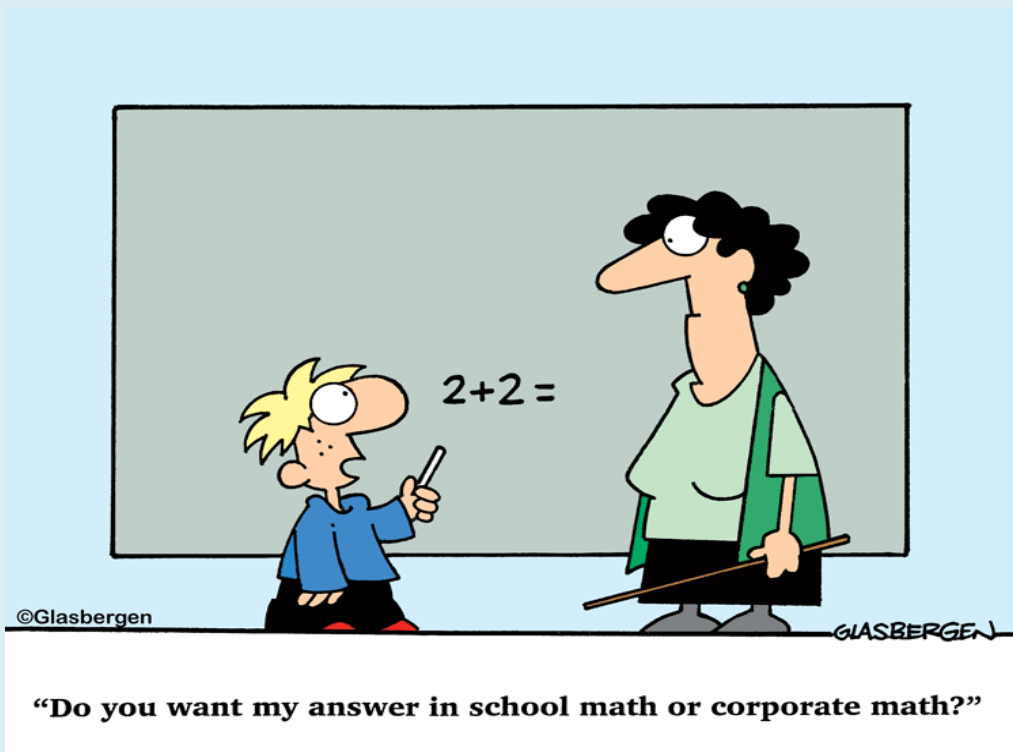
Mr.D.Saravanan ASP from the Department of CSE has Published a patent on the title “IOT and ML based Air quality monitoring and air pollutant prediction system”, Application Number:202141036912.

**COPY RIGHTS:**

Mr.D.Saravanan ASP and Dr.D.Stalin David AP from the Department of CSE has filed a Copy rights on the title “A System and Method for Low-Frequency Seismic Zone Using Machine Learning & Monte Carlo Method”, Diary No: 13795/2021-CO/L.

## Jokes Corner:



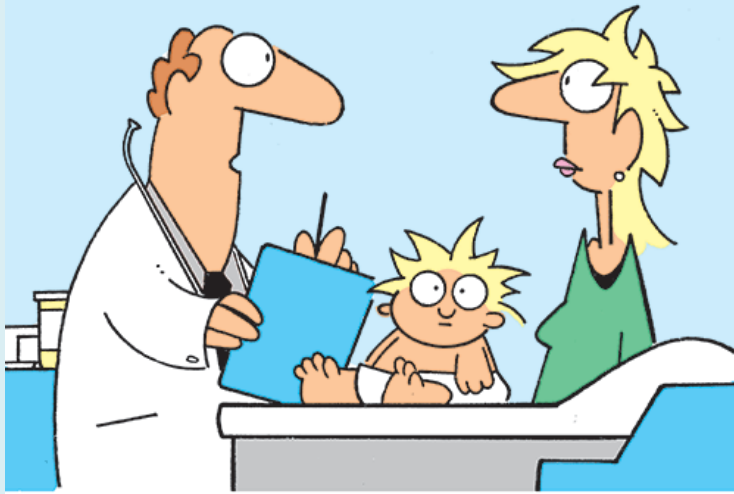




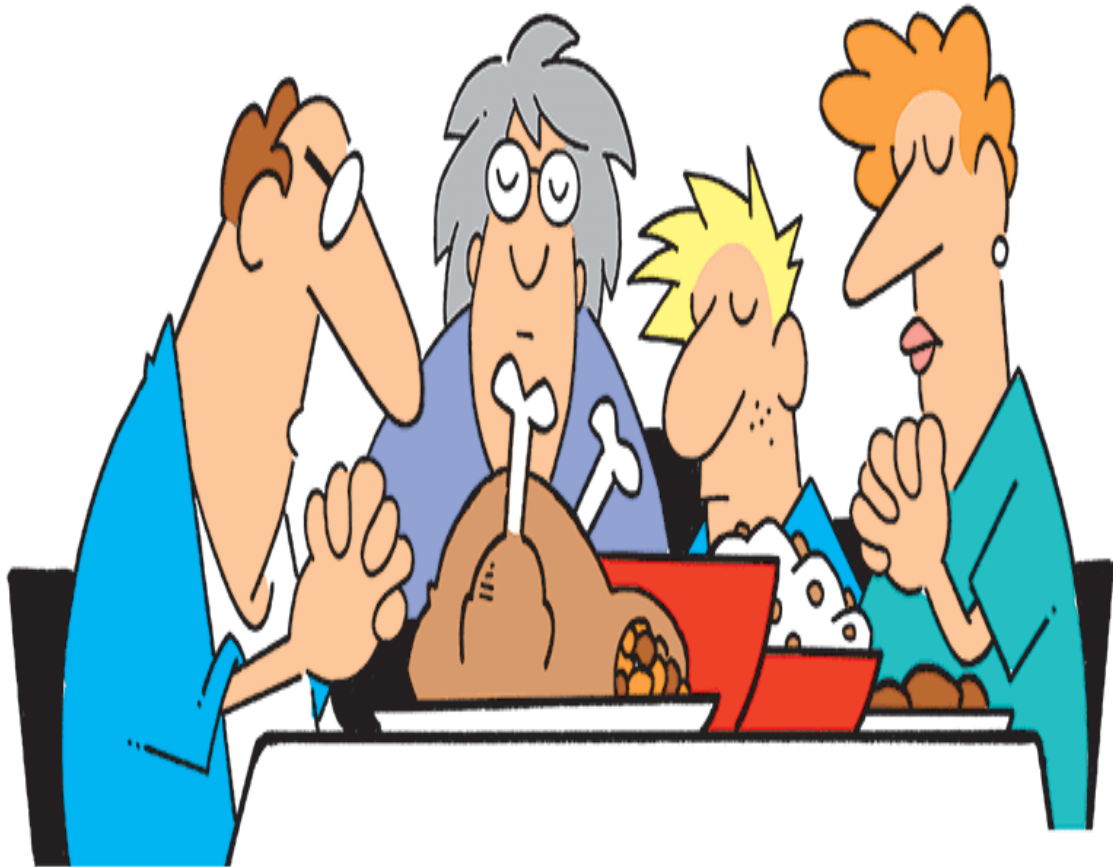


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**“At 12 months, your child should begin walking, speaking simple words and making his first attempts at texting and Googling.”**



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“Lord, make us grateful for the cholesterol, diabetes, high blood pressure, weight gain and indigestion we are about to receive . ”



**"Nurses work 12 hours a day: 4 hours caring for patients and 8 hours washing our hands."**



By  
**MR. M. ARUNKUMAR**  
ASSISTANT PROFESSOR / IT



## நுண்ணறிவு தானியங்கி கருவி கண்டுபிடிப்பு

ஐ.எப்.இ.டி. என்ஜினீயரிங் கல்லூரி மாணவர் சாதனை

திருபுவனை, ஜூலை.27- விழுப்புரம் மாவட்டம் கெங்கராமப்பாளையம் ஐ.எப்.இ.டி. என்ஜினீயரிங் கல்லூரி நுண்ணறிவு மூலம் மற்றும் தகவல் தொழில்நுட்பத்துறை மாணவர் ஜெகதீஷ் நுண்ணறிவு தானியங்கி முகத்திரை கண்ணாடியை கண்டுபிடித்து சாதனை படைத்துள்ளார். அதன் பயன்பாடுகள் குறித்த செயல்விளக்க நிகழ்ச்சி கல்

லூரி வளாகத்தில் நடந்தது. நிகழ்ச்சிக்கு கல்லூரியின் தலைவர் ராஜா தலைமை தாங்கி மாணவருக்கு பாராட்டு தெரிவித்தார். நிகழ்ச்சியில் கல்லூரியின் செயலாளர் சிவராம் ஆல்வா, பொருளாளர் விமல், முதல்வர் மகேந்திரன் துணை முதல்வர் மெட்டீல்டா மற்றும் பலர் கலந்து கொண்டனர். இந்த கண்டுபிடிப்பு குறித்து

மாணவர் ஜெகதீஷ் கூறும் போது, இந்த மென்பொருள் கூகுள் பயன்பாட்டின் கீழ் இயங்கும். இந்த தானியங்கி கண்ணாடி திரையில் முகத்தை பதித்தால் போதும் அது மனிதனின் மனநிலைக்கு ஏற்றவாறு புகைப்படங்கள், வீடியோக்கள், கட்டுரைகளை அது நமக்கு கொடுக்கும் தன்மை உள்ளது. நவீன தொழில்நுட்ப முறையில் உருவாக்கப்பட்டுள்ள இந்த கருவியை குழந்தைகள் முதல் பெரியவர்கள் வரை அனைவரும் பயன்படுத்தலாம் என்றார்.



## தானிய சேமிப்பை கண்காணிக்கும் கருவி ஐ.எப்.இ.டி., கல்லூரி மாணவர் வடிவமைப்பு



■ தானியங்கள் சேமிப்பை கண்காணிக்கும் தானியங்கி கருவியை உருவாக்கிய, ஐ.எப்.இ.டி., பொறியியல் கல்லூரி மாணவர் பிரவீன்குமாரை பேராசிரியர்கள் பாராட்டினர்.

**புதுச்சேரி, ஆக.10-** தானியங்கள் சேமிப்பை கண்காணிக்கும் தானியங்கி கருவியை உருவாக்கிய, ஐ.எப்.இ.டி., பொறியியல் கல்லூரி மாணவர் பிரவீன்குமார் கவுரவிக்கப்பட்டார்.

விழுப்புரம் ஐ.எப்.இ.டி., பொறியியல் கல்லூரியின் எலக்ட்ரானிக்ஸ் மற்றும் தகவல் தொடர்பு துறை மாணவர் பிரவீன்குமார்.

இவர், தானியங்கள் வணிகமில் சேமிக்கும் தானியங்கி கருவி ஒன்றை

உருவாக்கியுள்ளார். இணையதள தொழில் நுட்பத்தில் இயங்கும் இக் கருவியின் மூலம் உணவு தானியங்கள் வணிகமில் தானியங்கள் வணிகமில் அவற்றின் சேமிப்பினை கட்டுப்பாட்டில் வைத்துக் கொள்ளவும் முடியும்.

குறிப்பாக, கிடங்குகளில் சேமிக்கப்படும் அதிக அளவிலான உணவுப் பொருட்கள் வணிகமில் கண்காணிக்க முடியும். உணவு தானியங்களின் வெப்பநிலை, ஈரப்பதம், கரியமிலவாயு

ஆகியவற்றை துல்லியமாக அளவிடு செய்து, கட்டுப்பாட்டில் வைத்திருக்க முடியும். குறைபாடுகள் உடனுக்குடன் கண்டறி யப்பட்டு, அதற்கான எச்சரிக்கை ஒலிகள் எழுப்பும். இக்கருவியை வடிவமைத்த மாணவரை, கல்லூரி தலைவர் ராஜா, செயலாளர் சிவராஜ் ஆல்வா, பொருளாளர் விமல், முதல்வர் மகேந்திரன், துணை முதல்வர் மெடிட்டா, துறைத் தலைவர் மார்கரெட் ஆகியோர் பாராட்டினர்.

IFET CE

The Hindu, 01.08.2021

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(Business connect)





IFET

The Hindu  
13/08/2021  
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Business Connect

**ENGINEERING STUDENT DEVELOPS  
AUTOMATION SYSTEM**

Student of IFET College of Engineering Villupuram has developed an automation system based on IoT named "IoT based Food Grain Monitoring and Controlling System for Warehouse". Through this, we can monitor and control the wastage of food grains and take necessary action to avoid food grain wastage. A large amount of food grain is lost in the warehouse due to poor maintenance and monitoring inside the warehouse. Temperature, humidity, and carbon dioxide concentration are a few critical parameters needed to be monitored and controlled inside the warehouse, that can influence the grains stored inside the warehouse. Conventional approaches are limited to primarily measuring temperature and humidity conditions, which are comparatively outdated since the other parameters must be checked and controlled separately to provide effective storage and maintenance by adopting emerging technologies. The system is designed and developed based on Internet of Things (IoT) technology. It effectively monitors the relevant parameters and rodent and insect activities inside the warehouse. The student Pravin Kumar.K of the Electronics and Communication department has developed this automation and control system. He was congratulated by Chairman Mr. K.V.Raja, Secretary Mr. Shivram Alva, Treasurer Mr. R.Vimal, Principal Dr. G.Mahendran, Vice-Principal Dr. S.Matilda, and HoD Prof .M.Margarat.



## கம்பர்ஷர் இல்லாத 'பிரிட்ஜ்' வடிவமைப்பு ஐ.எப்.இ.டி., மாணவர்களுக்கு பாராட்டு



■ கம்பர்ஷர் இல்லாத குளிர்சாதன பெட்டியை வடிவமைத்துள்ள கெங்கரம்பாளையம் ஐ.எப்.இ.டி. பொறியியல் கல்லூரி மாணவர்கள் சந்த்ரு, அரவிந்த் குமாரசை, பேராசிரியர்கள் பாராட்டினர்.

**புதுச்சேரி, ஆக. 19-**  
கம்பர்ஷர் இல்லாமல் இயங்கும் குளிர்சாதன பெட்டியை வடிவமைத்த, ஐ.எப்.இ.டி. பொறியியல் கல்லூரி மாணவர்களுக்கு பாராட்டு தெரிவிக்கப்பட்டது.

விழுப்புரம் மாவட்டம், கெங்கரம்பாளையம் ஐ.எப்.இ.டி. பொறியியல் கல்லூரியின் இயந்திர பொறியியல் துறை இறுதியாண்டு மாணவர்கள் சந்த்ரு, அரவிந்த் குமாரசை.

இவர்கள் இருவரும், கழிவு வெப்பம் அல்லது சூரிய வெப்பத்தினால் இயங்கும் குளிர்சாதன பெட்டியை வடிவமைத்துள்ளனர். இதில் மின்சாரத்தால் இயக்கப்படும் கம்பர்ஷர் இல்லாததால், மின்சாரம் சேமிக்கப்படுகிறது. அத்துடன், மின்

சாரம் உற்பத்தி செய்வதால் ஏற்படக்கூடிய மாசு கட்டுப்படுத்தப்படுகிறது.

இந்த வடிவமைப்பு, புவி வெப்பமயமாதல் மற்றும் ஓசோன் சிதைவை கட்டுப்படுத்துவதாக மாணவர்கள் தெரிவித்தனர். இதன் பயன்பாடு குறித்த செயல்விளக்க நிகழ்ச்சி, கல்லூரியில் நடந்தது.

கல்லூரி தலைவர் ராஜா தலைமை தாங்கி, மாணவர்களை பாராட்டினார். கல்லூரி செயலாளர் சிவராம் ஆல்வா, பொருளாளர் விமல், கல்லூரி முதல்வர் மகேந்திரன், துணை முதல்வர் மெட்டில்லா, துறை தலைவர் வேல்முருகன், திட்ட வழிகாட்டி பேராசிரியர் மணி மாறன் உள்ளிட்டோர் கலந்து கொண்டனர்.