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IFET
COLLEGE OF ENGINEERING

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IFET Nagar, Gangarampalayam, Villupuram - 605 108

IFET TIMES

MARCH 2018

IFET
COLLEGE OF ENGINEERING

March 2018

From the Editor's Desk

IFETCE has been selected as one of the best performing colleges at national level in the Indian Engineering Olympiad exams conducted on 25.02.18 based on the performance of the students from EEE and CIVIL departments. The only other Engineering college to receive this award in Tamilnadu is NIT, Trichy. As many as 40 of our students have grabbed All India Ranks below 10 in the above examinations. Congratulations to all those who worked for this great achievement.

It is a matter of pride that 8 final year students received 'Best Student Award' and 19 projects received 'Best Project Award' in the State level convention of Institution of Engineers (India).

4 student projects from ECE , CSE and Mechanical engineering departments have been selected for the final level of 'Smart India Hackathon 18 – Hardware Edition'. IFET TIMES wishes the students to win the competition.

The cultural show by students on the 20th annual day celebrations proved that they excel not only in academics but also in fine arts. Well done students.

K.R.SUKUMAR

EDITORIAL COMMITTEE

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PAPERS PRESENTED/PUBLISHED/WORKSHOPS/AWARDS RECEIVED

FACULTY CONTRIBUTIONS

Papers presented by Faculty

Name	Title of the Paper	National / International	Name of Seminar / Conference	Organized by	Date
Mrs.K.Sivaranjani SAP/ English	"Ecofeminism prevails in Anita Desai's "Where shall we go this summer"	International	UGC Sponsored two Day International Conference on Mapping New Identities in 21st Century Postcolonial Writings	Kanchi Mamunivar Centre for postgraduate studies (autonomous), Pondicherry University , Puducherry	28th and 29th March 2018
Mrs.P.Hemalatha SAP/IT	Smart Monitoring using IoT for Sustainable Development in Food Safety in Chennai & An IoT based Smart Horticulture Monitoring in a Social Environmental and Economic Perspective in Chennai	National	National Conference on Innovations in chemical Engineering for sustainable Development	SSN College of Engineering	28.3.2018
Ms.M.Nivetha Kumari AP/IT	FLEXI Helmet for Bike Authentication and Accident Prevention	International	International Conference on Computing Information Electronics and Electrical Engineering	Idhaya Engineering College for Women, Chinnasalem	24.03.2018
Ms.K.Elavarasi SAP/IT	Implementation of Smart Toilet using IoT Embedded Sensor Devices	International	International Conference on Computing Information Electronics and Electrical Engineering	Idhaya Engineering College for Women, Chinnasalem	24.03.2018
Ms.J.Kalavani Associate Professor/IT	A Survey on Women Safety Application	International	International Conference Research Innovation in Arts Science and Technology	Lord Venkateswara Engineering College, Chennai	19.3.2018
Mr.S.Giridharan AP/IT &	IFET Data store-An Android Application	International	International Conference Research Innovation in	Lord Venkateswara	19.3.2018

Ms.K.Elavarasi SAP/IT			Arts Science and Technology	Engineering College Chennai	
Ms.R.P.Kaaviya Priya AP/IT & Ms.J.Jeyachithra Assiociate Professor/IT	The Wage Earner Android Application	International	International Conference Research Innovation in Arts Science and Technology	Lord Venkateswara Engineering College Chennai	19.3.2018
Ms.S.Kiruthiga AP/IT & Ms.S.P.Priyadharshini AP/IT	Indoor map localization and WiFi signal strength analysis using RSS fingerprinting	International	International Conference Research Innovation in Arts Science and Technology	Lord Venkateswara Engineering College Chennai	19.3.2018
Ms.V.Suganthi Associate Professor/IT	Automated filtering and tracking system of resume using Android app	International	International Conference Research Innovation in Arts Science and Technology	Lord Venkateswara Engineering College Chennai	19.3.2018
Mr.V.Velmurugan ASP/Mech	"Experimental investigation of sapota and custard apple biodiesel in diesel engine"	National	National Conference on "Advancement in Mechanical Engineering"	M.Kumarasamy College of Engineering	9th March 2018
Mr.R.PrabhakaranAP/ Mech	"Fuel Characterization of Pyrolytic Oil from Fish Waste by Thermal Cracking"	National	National Conference on "Advancement in Mechanical Engineering"	M.Kumarasamy College of Engineering	9th March 2018
Mr.R.Amudhan AP/ Mech	"Thermoelectric Power Generation"	National	National Conference on "Recent trends and development in Mechanical Engineering"	Anand Institute of Higher Technology, Chennai	1st March 2018
Ms.B.Kanchana AP/English	"Elucidation of Racial Discrimination in the Movies 'Celluloid' (Malayalam) and 'Kaaka Muttai' (Tamil)"	International	Two day International Conference on "Relocating Subalternity: Changing Configurations"	Thiruvalluvar University, Vellore	15th& 16th February 2018
Mrs.P.Menakapriya SAP/English	"Celie's Journey to Empowerment in Alice Walker's Color Purple"	International	Two day International Conference on "Relocating Subalternity: Changing Configurations"	Thiruvalluvar University, Vellore	15th& 16th February 2018
Dr.D.Devi, ASP/English	"Subalternity: A Different Perspective in Amitav Ghosh's Novel The Glass Palace"	International	Two day International Conference on "Relocating Subalternity: Changing Configurations"	Thiruvalluvar University, Vellore	15th& 16th February 2018
Mrs. A. Ashabanu SAP/English	"Role of Politics in the Rebirth of Women Characters in Manju Kapur's A Married Woman"	International	Two day International Conference on "Relocating Subalternity: Changing Configurations"	Thiruvalluvar University, Vellore	15th& 16th February 2018

Mrs.P.Menakapriya SAP/English &Ms.B.Kanchana AP/English	"Transformation and Re-Imaging Identity of a Woman in Bharati Mukharjee's Jasmine"	International	International Conference on "Radiance of Feminism in the Contemporary Society"	Trinity College for Women, Namakkal	16th March 2018
Dr.D.Devi ASP/English	"Image of New Women in Taslima Nasrin's French Lover"	International	International Conference on "Radiance of Feminism in the Contemporary Society"	Trinity College for Women, Namakkal	16th March 2018
Ms.Monisha.X AP/English	"Subaltern Perceptive on Mirage of Wedding Bliss in Preeti Shenoy's Tea for Two and a Piece of Cake"	International	International Conference on "Radiance of Feminism in the Contemporary Society"	Trinity College for Women, Namakkal	16th March 2018

Papers published by Faculty

Name of Author(s)	Title of the Paper	Title of the Journal	Volume	ISSN	Page(s) No.	Year
Dr.M.Saravanan, Prof/ECE	Cooperative MIMO MAC using Type 2 Fuzzy Logic for Wireless Sensor Networks	International Journal of Advanced in Management, Technology and Engineering Sciences(IJAMTES)	Volume 8 Issue 3	2249-7455		March 2018
Dr.U.Palani, Prof/ECE	Mobility prediction in mobile ad hoc Networks using eye of coverage approach	Cluster Computing-The Journal of Networks, software Tools and Applications (Springer)	Online Publication	1386-7857		15th March, 2018
Ms.E.Mathivadhana, SAP/Maths and Ms.K.Sivasankari ASP/Physics	"A Comparative Study of Matrix Encoding and Hill Cipher Algorithm"	IJSRST, UGC Approved Journal	Volume 4, Issue 5	print ISSN: 2395-6011	813-816	2018

Events attended by Faculty

Name	Name of the Event	Organized by	Held at	Date
Ms.S.Kalpana, Senior Assistant Professor/ECE Mrs.T.Sivasakthi, Assistant Professor/ECE	Ball Passing	ISTE, Staff Chapter	IFETCE	8th March, 2018
Mrs.R.Malar, Associate Professor/ECE Mrs.Krishnaveni, Lab Asst/ECE	Making Flower Vase	ISTE, Staff Chapter	IFETCE	8th March, 2018

Mrs.R.Gomathi, Associate Professor/ECE Mrs.Sangeetha, Assistant Professor/ECE Ms.B.Krithiga, Assistant Professor/ECE Mrs.T.Sivashakthi, Assistant Professor/ECE				
Mrs.R.Malar, Associate Professor/ECE Mrs.D.Vasanthi, Associate Professor/ECE Mrs.S.Jayalakshmy, Associate Professor/ECE Mrs.R.Gomathi, Associate Professor/ECE Ms.B.Krithiga, Assistant Professor/ECE Mrs.RabiaJebin, Assistant Professor/ECE	Art of Mehandi designs	ISTE, Staff Chapter	IFETCE	8th March, 2018
Mrs.K.Sivaranjani, SAP/English	Ball Passing	ISTE, Staff Chapter	IFETCE	8th March, 2018
Mrs.A.Ashabanu, SAP/English, Mrs.P.Menakapriya, SAP/English, Ms.B.Kanchana, AP/English, Ms.X.Monisha, AP/English	Making Flower Vase	ISTE, Staff Chapter	IFETCE	8th March, 2018
Mrs.K.Sivaranjani, SAP/English, Mrs.A.Ashabanu, SAP/English, Mrs.P.Menakapriya, SAP/English, Ms.B.Kanchana, AP/English, Ms.X.Monisha, AP/English	Art of Mehandi designs	ISTE, Staff Chapter	IFETCE	8th March, 2018
Ms.F.Anishya, AP/IT, Ms.M.NivethaKumari, AP/IT, Ms.S.P.Priyadharshini, AP/IT, Ms.R.P.Kaaviya Priya, AP/IT	Art of Mehandi designs	ISTE, Staff Chapter	IFETCE	8th March, 2018

Book published by Faculty

- Dr.D.Devi, ASP/ English, published a book entitled “Teaching English as Second Language”, Kumaran Book House Colombo & Chennai. Publication No. #759, ISBN 978-955- 659-571- 0.

Awards received by Faculty

- Ms.P.Hemalatha, SAP/IT, received Young Women in Engineering award for her contribution and achievement in the field of Information Technology from Venus International Foundation on 3rd March 2018.

- Ms.P.Hemalatha, SAP/IT, has been endorsed with Young Women Educator & Researcher National award by National Foundation for Entrepreneurship Development on 8th March 2018 for her splendid contribution in the field of Computer Science and Engineering.

STUDENT ACHIEVEMENTS

Awards won by Students

"BEST STUDENT AWARDS" from Institution of Engineers (India) was received by 8 students for their academic performance. "BEST PROJECT AWARDS" was given to 19 projects exhibited by the students for their innovative thinking and providing solution to day to day issues faced by common people. The award function was held at Hosur on 23.03.2018.

- Ms.Ahila, IV yr Civil, Ms.Jarugumalli Sruthi, IV yr ECE, Mr.J.Varadharajaperumal, IV yr ECE, Ms.R.Illakkiya, IV yr ECE, Mr.S.Chandrakumar, IV yr Mech, Ms.B.P.Sruthi, IV yr IT, Ms.J.Preethi, IV yr IT, and Ms.M.Sanjeeyamal, IV yr IT won "Best Student Award" during State level convention held at Hosur form Institution of Engineers (India).

Papers published by Faculty and Students

Name of Author(s)	Title of the Paper	Title of the Journal	Volume	ISSN	Page(s) No.	Year
Dr.G.Kannan, Prof./ Mech, Mr.K.Guru Prasad & Mr.S.Chandra Mohan (IV Year Mech)	"Portable Arrangement for Plastic Extruder"	International Journal of Engineering Science and Computing	Volume 8 Issue No 3	ISSN 2250 1371		March 2018
Mr.K.R Sukumar, AP/ Mech, Mr.I.Ajith Kumar & Mr.G.Ashwin (IV year Mech)	"Device for car passenger safety during collision"	International Journal of Engineering Science and Computing	Volume 8 Issue No 3	ISSN 2250 1371		March 2018
Mr.V.Vetriselvan, ASP/ Mech, Mr.K.RamPrasath& Mr.B.Vignesh (IV year Mech)	"Proposal solution FPR improvement in engine and gear box coupling process"	International Journal of Scientific Research & Development	Volume 6 Issue No 1	ISSN 2321 0613		March 2018

Mr.M.Jayamoorthy ASP/ Mech& Mr.M.Sakthivel SAP/MECH Mr.R.Nirmal Kumar & Mr.R.Rajkishore (IV Year Mech)	"Improving fuel economy for two wheeler by dual drive using electric drive"	International Journal of Scientific Research & Development	Volume 6 Issue No 1	ISSN 2321 0613		March 2018
Mr.M.Jayamoorthy ASP/ Mech Mr.K.Anbarasan& Mr.S.Guhan (IV year Mech)	"Utilization of vegetable wastes for power"	International Journal of Scientific Research & Development	Volume 6 Issue No 1	ISSN 2321 0613		March 2018
Mr.A.R.Mahesh Kumar ASP/ Mech Mr.A.Sridharan& Mr.P.Vignesh (IV year Mech)	"Experimental investigation on the effect of nano-fluids on the performance and emission characteristics of a biodiesel based diesel engine"	International Journal of Scientific Research & Development	Volume 6 Issue No 1	ISSN 2321 0613		March 2018
Mr.N.Sethuraman ASP/ Mech Mr.R.Vignesh, Mr.B.Naresh Kumar, Mr.R.Rajesh Kumar (IV year Mech)	"Floor cleaning machine using bevel gear mechanism"	International Journal of Scientific Research & Development	Volume 6 Issue No 1	ISSN 2321 0613		March 2018
Mr.N.Sethuraman ASP/ Mech Mr.R.Aravindhan& Mr.K.Dinesh Kumar (IV year Mech)	"Design & fabrication of material handling equipment by using motor bike"	International Journal of Scientific Research & Development	Volume 6 Issue No 1	ISSN 2321 0613		March 2018
Mr.K.Kamalakannan SAP/ Mech Mr.B.AnadhaBadmanaban, Mr.G.Krishna Kumar, Mr.R.N.GaneshBalaji, Mr.B.Ajith Kumar (IV year Mech)	"Fabrication of pneumatic operated soda filling machine"	International Journal of Scientific Research & Development	Volume 6 Issue No 1	ISSN 2321 0613		March 2018
Ms.N.Narmada Devi AP/ Mech Mr.R.Ranjith& Mr.U.Sutheendran (IV year Mech)	"Application of oil skimmers in dynamic bodies"	International Journal of Scientific Research & Development	Volume 6 Issue No 1	ISSN 2321 0613		March 2018
Mr.R.Ganesh Kumar AP/ Mech Mr.I.AbdulMajeed& Mr.S.Agilan (IV year Mech)	"Multipurpose of medicinal plant cultivating tool"	International Journal of Scientific Research & Development	Volume 6 Issue No 1	ISSN 2321 0613		March 2018
Mr.R.Amudhan, AP/ Mech Mr.R.Mani, Mr.D.Mathan& Mr.K.Karthikeyan (IV year)	"Semi automatic sugarcane bud chipper machine"	International Journal of Scientific Research & Development	Volume 6 Issue No 1	ISSN 2321 0613		March 2018

Mr.M.SutharsanAP/ Mech Mr.MalliSudheer& Mr.L.Arun Kumar (IV year Mech)	"Power generation using magnetic shock absorber"	International Journal of Scientific Research & Development	Volume 6 Issue No 1	ISSN 2321 0613		March 2018
Mr.M.Manikandan AP/ Mech Mr.P.Niranjan & Mr.S.Narasimman (IV year Mech)	"Reliable blade assembly in slitting machine"	International Journal of Scientific Research & Development	Volume 6 Issue No 1	ISSN 2321 0613		March 2018
Mr.S.Santhosh AP/ Mech Mr.G.Chinnaraj, Mr.V.Dinesh Kumar & Mr.B.Eliyas (IV year Mech)	"Fabrication of Codified electromagnetic actuating brake"	International Journal of Scientific Research & Development	Volume 6 Issue No 1	ISSN 2321 0613		March 2018

Paper published by Student

Name of Author(s)	Title of the Paper	Title of the Journal	Volume	ISSN	Page(s) No.	Year
Ms.S.Vaishnavi IV year ECE	Performance investigation of Non-linear effect in DWDM optic network	International Journal of Advanced in Management, Technology and Engineering Sciences (IJAMTES)	Volume 8, Issue 3	2249-7455	946-950	March 2018

Workshops attended by Students

Name	National / International	Name of the Workshop	Organized by	Date
Mr.S.Rajagopalan, II year ECE, Ms.S.Gowsalyadevi Mr.B.SadeeshVelu III year ECE	National Level Technical Symposium (AGNIMITHRA)	Workshop on Latest trends and technology in Communication	University College of Engineering, Villupuram	1st and 2nd March, 2018
Mr.R.Ramkumar II/EEE	National level technical symposium "AGNIMITHRA"	Workshop on "Latest Trends and Technologies in Communication" & "AMI E-tap Simulation and Smart Grid"	University College of Engineering, Villupuram	1st and 2nd March 2018
Mr.A.Jebastin, Mr.Y.MohamedAshif & Mr.R.Giridharan (I year Mech)	National	Workshop on "Additive Manufacturing"	College of Engineering, Guindy organized by Society of Material Science Engineers	9th March 2018

Mr.N.Gokulnath, Mr.S.Harish, Mr.V.Sanjai& Mr.V.Ponnarasan (I year Mech)	National	Workshop on "E-Bikes"	Vellore Institute of Technology, Vellore	22nd - 25th March 2018
Mr.V.HariKrrishnan, Mr.K.Yugendira, Mr.S.SriBalaji& Mr.V.Krishna Kumar (I year Mech)	National	Workshop on "Automotive IC Engines and Transmission Technology"	Pondicherry Engineering College, Puducherry, organized by Goodwin Motors	16th March 2018
Mr.S.Jagadeesan& Mr.S.Bharathwaj (II year Mech)	National	Workshop on "Advanced Power Production Technology"	CAD Institutions, Chennai	8th March 2018
Mr.L.Sedhuraman, Mr.S.SanthanaBharathy, Mr.N.Vazhumuni (III year Mech)	National	Workshop on "CNC"	Chennai Institute of Technology, Chennai	2ndMarch 2018
Mr.L.Sedhuraman, Mr.S.SanthanaBharathy, Mr.N.Vazhumuni (III year Mech)	National	Workshop on "ROBOTICS"	Chennai Institute of Technology, Chennai	2ndMarch 2018
Mr.M.Prathap Raj, Mr.B.Surya, Mr.R.Rajavel, Mr.R.Ranjith Kumar, Mr.A.Prabu, Mr.S.SanthoshDevan (III year Mech)	National	Workshop on "Automotive Materials"	College of Engineering, Guindy, organized by Society of Material Science Engineers	9th March 2018
Mr.M.Prathap Raj, Mr.B.Surya, Mr.R.Rajavel, Mr.R.Ranjith Kumar, Mr.A.Prabu, Mr.S.SanthoshDevan (III year Mech)	National	Workshop on "Selection of materials for engineering & science & technology & connect the daily life "	University College of Engineering, Villupuram	3rdMarch 2018
Mr.M.Prathap Raj, Mr.B.Surya, Mr.R.Rajavel, Mr.R.Ranjith Kumar, Mr.A.Prabu, Mr.S.SanthoshDevan (III year Mech)	National	Workshop on "Composite materials and its applications in wind turbine generators and role of future engineers "	University College of Engineering, Villupuram	3rdMarch 2018
Mr.T.T.Karnan Mr.S.Girinath II year Civil Mr.G.Aravinthraj Mr.E.Subash Mr.A.Pragadhesshwaran Mr.B.Dharmeshkumar Mr.P.Sabarirajan Mr.A.S.Charlash Immanuvel	National	Workshop on Construction & Project Management	College of Engineering , Guindy	8.3.18

Mr.V.Aruljothi Mr.K.RuthraVishnu Mr.P.SureshBhalaji Mr.K.Prakash III year Civil				
Mr.V.Sriram Mr.T.Vimalraj Ms.S.Nandhini Ms.K.Ruthrasakthi II year Civil	National	Workshop on Cable Stayed Bridges	College of Engineering , Guindy	9.3.18
Ms.J. Suganthi, Ms.C.Sevanthi, Mr.K.Reventh & Mr.S.Vimal Kumar /IV yr IT	National	ISTE Chapter sponsored Workshop on IoT for Industrial Automation	IFET College of Engineering	1.3.2018

Papers presented by Students

Name of Students	Title of the Paper	National International	Name of Seminar / Conference / Symposia	Organized by	Date
Ms.I.Yamuna Ms.S.Revathy IV year ECE	Smart bus passengers information and safety management system	International	International Conference on computing, communication and drastic innovations in energy thrive - IC3DIET 18	University College of Engineering, Panruti	28th Feb and 1st March, 2018
Mr.E.Nantha Kumar III year ECE (3rd Prize)(Rs.500/-)	Automatic Apartment Agriculture	National	National Level Technical Symposium Prayuddha 18	BIT Campus. Trichy	9th March, 2018
Ms.S.Gowsalyadevi III year ECE	Advanced e-voting machine	National	National Level Technical Symposium (Project Presentation) AGNIMITHRA'18	University College of Engineering, Villupuram	1st and 2nd March, 2018
Mr.S.Rajagopalan II year ECE	Secure Real time embedded system for ATM using web server	National	National Level Technical Symposium(Paper presentation) AGNIMITHRA'18	University College of Engineering, Villupuram	1st and 2nd March, 2018
Mr.S.Chinna Durai Ms.M.Gowri Ms.P.Elakiya III year ECE	Auto detection and control over road way signal	National	National Conference on "Innovative Research on Robotics, Circuits and Technology" - IRCT 2018	Sri Chandrasekara Mandir University, Kancheepuram	14th March, 2018
Ms.S.Rajasri III year ECE	Automatic Poultry Feeding	National	National Level Technical Symposium (Project Presentation) ECONIX 2K18	SRR Engineering College, Chennai	20th March, 2018

Ms.S.Rajasri III year ECE (1st Prize)	Development of Automatic poultry feeding using arduino UNO	National	National Level Technical Symposium (Project Presentation) ECONIX 2K18	SRR Engineering College, Chennai	20th March, 2018
Mr.R.Sownthar Rajan III year ECE	Dam level gate control using embedded system	National	National Level Technical Symposium (Paper presentation) KARIGAALA 2K18	Chennai Institute of Technology, Chennai	2nd March, 2018
Mr.R.Sownthar Rajan III year ECE (1st Prize)	Safety measures in Railways using embedded system	National	National Conference on "Embedded system, Power system, Signal Processing, Communication System and Control system" EPSCCON 18	Veltech, Chennai	3rd March, 2018
Mr.R.Sownthar Rajan III year ECE (3rd Prize)	Food safety measures using IOT	National	National Level Technical Symposium (Paper presentation) Revoitz 2k18	Jeppiar Engineering College, Chennai	10th March, 2018
Mr.M.Ashok Kumar and Mr.M.Kumaresh, Final year CSE	Trip TN- A Mobile App to Help Travellers	International Conference	International Conference on Computing Information Electronics and Electrical Engineering	Idhaya Engineering College for Women, Chinnasalem	24th March 2018.
Ms.S.Kousalya, Final year CSE	PCP- A Privacy-Presenting Content using U-Apriority Algorithm in Cloud Computing	International Conference	International Conference on Computing Information Electronics and Electrical Engineering	Idhaya Engineering College for Women, Chinnasalem	24th March 2018.
Mr.M.Bharath and Mr.S.Balamurugan, Final year CSE	Elephant Recognition and Acoustic System for Prevention in Agricultural Field	International Conference	International Conference on Computing Information Electronics and Electrical Engineering	Idhaya Engineering College for Women, Chinnasalem	24th March 2018.
Mr.J.Gauthaman, Final year CSE	Automatic Weed Detections and Weedicide Spray Using Real time Image Acquisition	International Conference	International Conference on Computing Information Electronics and Electrical Engineering	Idhaya Engineering College for Women, Chinnasalem	24th March 2018.
Ms.S.Manjula, final year CSE	Finger Print Data Manipulation in Hospital Management with Block Chain Model	International Conference	International Conference on Computing Information Electronics and Electrical Engineering	Idhaya Engineering College for Women, Chinnasalem	24th March 2018
Mr.S.Balaji & Mr.B.Balamurugan, Final year CSE won Second Prize	OLED-Organic Light Emitting Diode	National Conference	National Conference on ARICE '2K18	Sai Ram Institute of Technology	7th March 2018
Ms.S.Amrutha & Ms.S.Keerthana, Final year CSE	Secret Video Recorder	Conference	6th Indian Conference On Intelligent Systems'18	DMICE	23rd March 2018
Mr.A.Sridharan, Mr.S.Rajesh Kumar, Mr.P.Vignesh (IV Year Mech)	"Thermoelectric Power Generation"	National	National Conference on "Recent trends and development in Mechanical Engineering"	Anand Institute of Higher Technology, Chennai	1st March 2018

Mr.A.Haja Hussain& Mr.I.Kaviarasan (IV Year Mech)	"Fuel Characterization of Pyrolytic Oil from Fish Waste by Thermal Cracking"	National	National Conference on "Advancement in Mechanical Engineering"	M.Kumarasamy College of engineering	9th March 2018
Mr.J.Arunachalam, Mr.R.Alex Raj & Mr.C.Buranesh Kumar (I year Mech)	"Removal of Waste Water Using Sodium Polyacrylate"	National	National Conference on "Research and development in science, engineering and technology" (NCRDSET'18)	St. Anne's College of Engineering and Technology, Panruti	23rd March 2018
Mr.V.Gajendhiran, Mr.R.Balamurugan& Mr.R.Aravind Kumar (I year Mech)	"Footstep Power Generation Using Piezo Electric Sensor"	National	National Conference on "Research and development in science, engineering and technology" (NCRDSET'18)	St. Anne's College of Engineering and Technology, Panruti	23rd March 2018
Mr.M.Karthikeyam & Mr.Hakkim (IV Year Mech)	"Experimental Investigation of Sapota and Custard Apple Biodiesel in Diesel Engine"	National	National Conference on "Advancement in Mechanical Engineering"	M.Kumarasamy College of engineering	9th March 2018
Mr.E.AkramHussain& Mr.B.BalaSudhan (I year Mech Mech)	"Learning English language stimuli for budding engineer"	National	National level Symposium SIT-SCIHUM'18	Sri Sai Ram Institute of Technology, Chennai	9th March 2018
Mr.K.Manikandan. Mr.Y.MohamesAsif& Mr.A.Mohames Rafi (I year Mech)	"REFRIGERATION LHD CYROGENIC"	National	National level Symposium MECHNIUM'2k18	Pondicherry Engineering College, Puducherry	22nd March 2018
Mr.M.Aravindhan& Mr.T.D Manimaran (II year Mech)	"Effect of thermo spray coating (sic) in IC engine"	National	National level Symposium ACKNI VYUHAA'18	CK College of engineering, Cuddalore.	1st March 2018
Mr.E.John Oliver and Mr.D.MilanPradeep (II year Mech) (SECOND PRIZE)	"Smart materials"	National	National level Symposium ACKNI VYUHAA'18	CK College of engineering, Cuddalore.	1st March 2018
Mr.P.Dinesh Kumar & Mr.M.MurugaPrakash (II year Mech)	"Bio-fuel (linseed oil)"	National	National level Symposium ACKNI VYUHAA'18	CK College of engineering, Cuddalore.	1st March 2018
Mr.K.Kirubaharan& Mr.M.Kaliyaperumal (II year Mech)	"EFV performance"	National	National level Symposium ACKNI VYUHAA'18	CK College of engineering, Cuddalore.	1st March 2018
Mr.R.Amarsundar& Mr.S.Hariharan (II year Mech)	"Bionic assembly system"	National	National level Symposium ACKNI VYUHAA'18	CK College of engineering, Cuddalore.	1st March 2018
Mr.S.Jagadeesan& Mr.Ganesh Babu (II year Mech)	"Air borne wind turbine"	National	National level Symposium "AKNIMITRA-2K18"	University College of Engineering, Villupuram	3rd March 2018
Mr.V.Balasubramani III yr Civil	An Experimental Study on high Performance concrete using M-sand	National	National level Symposium	Government College of Engineering	9.3.18
Ms.K.Dhivya Ms.M.Arulmozhi III yr Civil	Experimental Investigation of Funicular Shell	National	National level Symposium Civilizatation'18	College of Engineering, Guindy	10.3.18

Mr.J.Jagan & Mr.V.Jayaganesh I yr Civil (Second Prize)	Mathematics is the backbone of Engineering	National	National level Symposium Mathfest2k18	Sri Sairam Institute of Technology	14.3.18
Ms.M.I.NoorinZulaika I yr Civil (First Prize)	Wind Energy	National	National level Technical symposium	Sri Sairam Institute of Technology	9-03-2018
Ms.N.DeviSuganya & Ms.M.Chandralekha I yr Civil (First Prize)	Effects of modern Agriculture	National	National level Technical symposium	Sri Sairam Institute of Technology	9-03-2018
Mr.S.Shriram Shankar & Mr.S.AshikNirmal I yr Civil	Effects of modern Agriculture	National	National level Technical symposium	Sri Sairam Institute of Technology	9-03-2018
Ms.J.Anadhi & Ms.B.Lalithambigai IV yr Civil	A portable spiral shaped forming for multiple crops	International	ICCIEEE'18	Idhaya College of Engineering	24.3.18
Mr.K.Reventh/ IV yr IT	FLEXI Helmet for Bike Authentication and Accident Prevention	International	International Conference on Computing Information Electronics and Electrical Engineering	Idhaya Engineering College for Women	24-03-2018
Ms.E.Elakiya/ IV yr IT	Implementation of Smart Toilet using IoT Embedded Sensor Devices	International	International Conference on Computing Information Electronics and Electrical Engineering	Idhaya Engineering College for Women	24-03-2018
Ms.E.Muthulakshmi, Ms.M.SanjeeyAmmal & Ms.J.Preethy /IV yr IT	Smart Food Processing Using Wireless Sensor Network	International	International Conference on Computing Information Electronics and Electrical Engineering	Idhaya Engineering College for Women	24-03-2018
Mr.K.Adityan, Mr.M.Dinesh Kumar & Mr.R.Madhavan II CSE III PRIZE	Contrivance for ECG Resolution Using Mobile Cardiac Monitoring System	National	E2C-2K18	AKT MEMORIAL	22-03-2018
Ms.Rajasundari .K III CSE	Smart Identification of PEST and Complex in Crops	National	CYBRUS 18	PEC	1-03-2018

Events participated by Students

Name of Students	Event Title	National / International	Name of the Conference / Seminar / Symposia	Organized by	Date
Mr.V.Delip Kumar III year ECE (1st Prize) (Rs.1000/-)	Tricky Circuit	National	National Level Technical Symposium TEKONICS 2K18	Alpha Engineering College	14th March, 2018
Mr.N.Srinath III year ECE (3rdPrize) (Rs.500/-)	Circuit Debugging	National	National Level Technical Symposium TEKONICS 2K18	Alpha Engineering College	14th March, 2018

Ms.S.Rajasri III year ECE	Technical Quiz Event	National	National Level Technical Symposium ECONIX 2K18	SRR Engineering College, Chennai	20th March, 2018
Mr.N.Vigneshwaran II year ECE	Technical Event (1st Prize)	National	National Level Technical Symposium AGNIMITHRA	University College of Engineering, Villupuram	1st and 2nd March, 2018
Mr.B.SadeeshVelu III year ECE	Non-Technical Event (1st Prize)	National	National Level Technical Symposium AGNIMITHRA	University College of Engineering, Villupuram	1st and 2nd March, 2018
Mr.B.SadeeshVelu III year ECE	Inter level Robotic Event ➢ Uni follower robotics ➢ All terrain robotics	National	Technical Fest ELECTROFOCUS 18	Madras Institute of Technology (MIT), Chennai	9th March, 2018
Ms.V.Keerthimathi III CSE	PPT	National	CYBRUS 18	PEC	1ST MARCH 2018
Ms.V.Keerthimathi Ms.B.Subhiksha Ms.Rajasundari .K Ms.Rubanya.R III CSE	Soft poster & CODE YOUR JAVA	National	Mitilence 2018	MIT , PONDICHERRY	9 & 10 MARCH 2018
Mr.K.Adityan Mr.R.Madhavan II CSE	CODE DEBUGGING & AD-ZAP	National	E2C-2K18	AKT MEMORIAL	22 MARCH 2018
Mr.M.Bharath II CSE	TECHNICAL QUIZ	National	ACKNIVYUHAA 18	CKCET	1ST MARCH 2018
Ms.Renuga Parameswari, Ms.Kalaiyarasi, Mr.Moovendhan, Mr.Prasanth, Ms.Revathi, Ms.Jenifer Rosy I year MBA	TREASURE HUNT	National	Management Meet	Rajiv Gandhi College of Engineering and Technology	22.3.2018
Ms.Rathna Priya, Ms.Krishnaveni I year MBA	EK MINUTE SHOW	National	Management Meet	Rajiv Gandhi College of Engineering and Technology	22.3.2018
Mr.Balaji, Mr.Sathish I year MBA	BUSINESS QUIZ	National	Management Meet	Annamalai University	28.3.2018
Mr.Srinath, Mr.Ajeeth Kumar, Mr.Prasanth, Mr.Sooraj Shetty, Mr.Moovendhan, Mr.Barathiraja I year MBA	AD - ZAP	National	Management Meet	Annamalai University	28.3.2018
Mr.R.Rajavel, Mr.S.SanthoshDevan (III year Mech) (Second Prize)	"Mechanics Mind"	National	National level Symposium "AKNIMITRA-2K18"	University College of Engineering, Villupuram	3rd March 2018

Mr.M.Prathap Raj, Mr.B.Suriya& Mr.R.Ranjith Kumar (III Year Mech)	"Mechanics Mind"	National	National level Symposium "AKNIMITRA-2K18"	University College of Engineering, Villupuram	3rd March 2018
Mr.A.Prabu& Mr.S.SanthoshDevan (III Year Mech)	"Mind Freeze"	National	National level Symposium "AKNIMITRA-2K18"	University College of Engineering, Villupuram	3rd March 2018
Mr.E.John Oliver (II Year Mech)	"Puzzle Camp"	National	National level Symposium "MECHANICA"	IIT,Madras	10th March 2018
Mr.K.Kirubaharan& Mr.M.Kaliyaperumal (II year Mech) (Second Prize)	"QUIZ"	National	National level Symposium ACKNI VYUHAA'18	CK College of Engineering, Cuddalore.	1st March 2018
Mr.L.Sedhuraman, Mr.S.SanthanaBharathy, Mr.N.Vazhumuni (III year Mech) (Second Prize)	"Water Rocketry"	National	National level Symposium	Chennai Institute of Technology, Chennai	3rdMarch 2018
Mr.L.Sedhuraman, Mr.S.SanthanaBharathy, Mr.N.Vazhumuni (III year Mech) (Second Prize)	"Mr.Machinist"	National	National level Symposium	Chennai Institute of Technology, Chennai	3rdMarch 2018
Mr.L.Sedhuraman, Mr.S.SanthanaBharathy, Mr.N.Vazhumuni (III year Mech) (Second Prize)	"Engine Assembly"	National	National level Symposium	Chennai Institute of Technology, Chennai	3rdMarch 2018
Mr.V.Jayaganesh Mr.J.Jagan I yr Civil	Quiz (General Science)	National	National level Technical symposium	Sri Sairam Institute of Technology	9-03-2018
Mr.V.Balasubramani III yr Civil (I Prize)	Quiz	National	National level Symposium	GCE-Salem	9.03.2018
Ms.K.Dhivya III Yr Civil	Walkin	National	National level Symposium	College of Engineering	10.03.18

Project presentation by Students

Name of Students	Project Title	Name of the Conference / Seminar / Symposia	Organized by	Date
Mr.S.T.Jayaprasanth IV ECE (Best Innovation)	"Oxygen monitoring incubator for basic protection"	INSPIR EXPO 2018	IFET College of Engineering	9th March, 2018
Mr.M.Aravindkumar and Mr.Akkarapalli Sanjeev Reddy IV ECE (Best Innovation)	"Automatic seed sowing agribot using adrino"	INSPIR EXPO 2018	IFET College of Engineering	9th March, 2018
Ms.K.Ramya Devi and Ms.S.Shilpa IV ECE (Best Innovation)	"City Air Pollution Tracker"	INSPIR EXPO 2018	IFET College of Engineering	9th March, 2018

Ms.K.Mathumathi IV ECE (Best Presentation)	"Optimal bandwidth utilization and energy efficiency in C-RAN"	INSPIR EXPO 2018	IFET College of Engineering	9th March, 2018
Ms.V.MithraRubini and Ms.M.Ramya IV ECE (Best Presentation)	"Perpetuating wild life facing risks due to vehicle pollution using smart management"	INSPIR EXPO 2018	IFET College of Engineering	9th March, 2018
Ms.A.Asmathjan IV ECE (Best Presentation)	"Glitch energy reduction in 130nm CMOS current stearing DAC"	INSPIR EXPO 2018	IFET College of Engineering	9th March, 2018
Mr.MaddineniVinay IV ECE (Best Social relevance)	"Air pollution monitoring and preventing system in automobiles using GSM"	INSPIR EXPO 2018	IFET College of Engineering	9th March, 2018
Ms.Faheemah IV ECE (Best Social relevance)	"Smart Plant growth on hydroponics using rain water harvesting"	INSPIR EXPO 2018	IFET College of Engineering	9th March, 2018
Mr.S.Vetrivel and Mr.I.TamilSelvan IV ECE (Best Social relevance)	"Border alert system for Indian fishermen using active RFIO in micro range"	INSPIR EXPO 2018	IFET College of Engineering	9th March, 2018
Ms.Jarugumalli Sruthi and Ms.M.Jayasudha, IV ECE (Best implementation of new technology)	"Commercial wireless power transmission for future transport system"	INSPIR EXPO 2018	IFET College of Engineering	9th March, 2018
Mr.V.Gunaselan and Mr.B.Dineshkumar IV ECE (Best implementation of new technology)	"Humanoid robot for surveillance and war field rescue"	INSPIR EXPO 2018	IFET College of Engineering	9th March, 2018
Ms.A.Usha IV ECE (Best implementation of new technology)	"Performance analysis of neighbour identification process in energy network"	INSPIR EXPO 2018	IFET College of Engineering	9th March, 2018
Mr.C.Babu& Mr.M.Kishore (III year Mech)	"Design and fabrication of gyro assisted steering system"	4th IEI-TNSC Convention	Adhiyamaan College of Engineering, Hosur	23/03/2018
Mr.M.FaizilRahman& Mr.R.Karthikeyan (III year Mech)	"Design and fabrication of solar wood cutter"	4th IEI-TNSC Convention	Adhiyamaan College of Engineering, Hosur	23/03/2018
Ms.Abirami Sridhar & Mr.V.Diwakar (II year Mech)	"Negative pressure irrigation system"	KALPANA CHAWLA & EINSTEIN Best Innovator Award 2018	WORLD YOUTH FEDRATION	23/03/2018
Mr.B.Ajith Kumar, Mr.R.Anandabadmanaban, Mr.G.Krishna Kumar & Mr.R.N.GaneshBalaji (IV year Mech) (BEST PROJECT AWARD)	"Fabrication of pneumatic operated soda filling machine"	4th IEI-TNSC Convention	Adhiyamaan College of Engineering, Hosur	23/03/2018
Mr.MalliSudheer& Mr.L.Arun Kumar (IV year Mech) (BEST PROJECT AWARD)	"Power generation using magnetic shock absorber"	4th IEI-TNSC Convention	Adhiyamaan College of Engineering, Hosur	23/03/2018

Mr.R.Nirmal Kumar & Mr.R.Rajkishore (IV year Mech) (BEST PROJECT AWARD)	"Improving fuel economy for two wheeler by duel drive using electric drive "	4th IEI-TNSC Convention	Adhiyamaan College of Engineering, Hosur	23/03/2018
Mr.Y.Devanraj, Mr.D.Balamurugan, Mr.A.S.CharlashImmanuvel, & Mr.M.Velmurugan III yr Civil (I prize)	Mission APJ	Project Expo 2018	IFET College of Engineering	7th March, 2018
Mr.S.Vigneshwar, Mr.T.Vimalraj, Mr.V.Sriram& Mr.L.Tamilselvam II yr Civil	Circular Runway	Project Expo 2018	IFET College of Engineering	7th March, 2018
N.Ahila& R.Chitra IV yr Civil (Best Presentation)	A Portable Spiral Shaped Forming for Multiple crops	Internal Project Expo 2018	IFET College of Engineering	10th March, 2018
Ms.G.Praveena& Ms.S.Dhivya Barathi IV yr Civil (Best Innovation)	Experimental study on paver with fique fibre & banana fiber	Internal Project Expo 2018	IFET College of Engineering	10th March, 2018
Mr.R.M.Barath & Mr.S.Jayadharshan	Mapping of tourism places in Puducherry using GIS	Internal Project Expo 2018	IFET College of Engineering	10th March, 2018
Ms.D.U.Kowsalya& Ms.M.Poovitha IV yr Civil (Best Social Relevance)	Effective treatment of three waste water using single reactor	Internal Project Expo 2018	IFET College of Engineering	10th March, 2018
Ms.R.Devi/ IV yr IT	Gesture recognition for visually challenged people using Machine Learning	KALPANA CHAWLA & EINSTEIN Best Innovator Award 2018	WORLD YOUTH FEDRATION	24-03-2018
Ms.B.P. Sruthi IV yr IT	AEGIS-The get safe Application	KALPANA CHAWLA & EINSTEIN Best Innovator Award 2018	WORLD YOUTH FEDRATION	24-03-2018
Ms.J. Suganthi IV yr IT	Detection and prevention mechanism from snakes and insects biting on farmers using IOT monitoring system	KALPANA CHAWLA & EINSTEIN Best Innovator Award 2018	WORLD YOUTH FEDRATION	24-03-2018
Ms.P.Soundarya / IV yr IT	Smart security for child safety using IoT	KALPANA CHAWLA & EINSTEIN Best Innovator Award 2018	WORLD YOUTH FEDRATION	24-03-2018
Ms.J.Preethy, Ms.R.Nandhini & Ms.M.SanjeeyAmmal / IV yr IT	FLEXI Helmet for Bike Authentication and Accident Prevention	"VIVID 2018-CTS Sponsored National Level Project Competition"	SSN Engineering College/IT DEPT	16-03-2018

Ms.C.Sevanthi, Ms.P.Soundarya & Ms.E.Muthulakshmi IV yr IT	Smart Alert System for Kids Safety	"VIVID 2018-CTS Sponsored National Level Project Competition"	SSN Engineering College/IT DEPT	16-03-2018
Ms.Devi /IV yr IT (won "Best implementation of New Technology")	Gesture recognition for visually challenged people using Machine Learning	INSPIR EXPO 2K18	IFET College of Engineering	10-03-2018

Industrial Visit

Industrial Visit has been organized for I year MBA Students on 19.3.2018 at NLC, Neyveli.

EVENTS

Annual Day

20th Annual day was celebrated on 10th March 2018 at IFET College of Engineering. Dr.S.Ganesan, Registrar, Anna University, Chennai, was the chief guest of the function.

Hostel day

19th Hostel day was celebrated on 24th March 2018 at IFET College of Engineering. Mr.K.Shivram Alva, Secretary, IFETCE, was the chief guest. The function was coordinated by Mr.M.Anandhakumar, AP/ECE, and Ms.R.Vishnupriya, AP/EEE.

Workshops organized

Dr.U.Palani, Professor/ECE and Mr.D.John Peter, Assistant Professor/ECE conducted ISTE staff and student chapter sponsored workshop on "Network simulator 3(NS3) Overview" to the students of various departments on 5th March, 2018.

Mr.Y.Jeyasingh, Senior Assistant Professor/ECE and Mr.S.Sundaresan, Assistant Professor/ECE conducted ISTE staff and student chapter sponsored workshop on "Programming in Arduino and Nodemen" to the students of various departments on 6th March, 2018.

Guest lecture

Department of ECE organized a guest lecture on "Goal Setting and Part of Career Orientation" and "Trends in Industry and Career Orientation" to the students of II and III year ECE on 05-03-18. Mr. V.Raja, RV Bio-Fuels, and Mr.Srivatsan Seetharaman, RV Bio-Fuels, delivered a special lecture. The function was coordinated by Mrs.K.Bhuvaneshwari, Senior Assistant Professor/ECE.

Mr.D.Arun Gopal, Corporate Real Estate Professional, CGI-Bangalore, delivered a special lecture on "Energy Conservation" to the EEE students on 7th March 2018 at IFETCE. The function was coordinated by Mr.N.Sivanantham, AP/ EEE, and Mr.V.Prasanna, AP/EEE.

Internal Project Expo

Internal Project Expo INSPIR EXPO 2018 was held on 9th March, 2018 for the students of final year ECE. Mr.D.Aasai Thambi, Customer support Engineer, CYSNET Global Technology Pvt Ltd, Chennai, Mr.S.Sivanesan, Senior Software Engineer, SEDBY Information Services Pvt Ltd, Chennai, and Mr.V.Prem Kumar, Associate JAVA developer, CTS India Pvt Ltd, Chennai acted as Jury to shortlist the students' projects for the awards. The function was coordinated by Ms.S.Vithyalaksmi, Assistant Professor/ECE and Ms.B.Krithiga, Assistant Professor/ECE.

All the students of third year Mechanical Engineering participated in the "MINI PROJECT EXPO" conducted at IFET College of Engineering, Villupuram, conducted by Mechanical Engineering Association, IFET College of Engineering. Dr.P.Pugazhindran, Head R&D Cell, IFET College of Engineering, was invited as the jury for the Mini Project Expo - which was held on 8th March 2018. The function was coordinated by Ms.N.Narmada Devi AP/Mech.

All the students of Final year Mechanical Engineering participated in the "PROJECT EXPO" conducted at IFET College of Engineering, Villupuram. Mr.S.Surendran, Manager, VIMPROTECH, Puducherry and Mr.T.Vijayakumar, Managing Director, ZEERO Solar LLP, Chennai, were invited as the jury for the Internal Project Expo - which was held on 10th March 2018. The function was coordinated by Mr.S.Santhosh AP/MECH.

Department of IT conducted an Internal Project Expo on 10.03.2018. Mrs.B.Shiny Angeline, Database Administrator, India Database COE DXC Technology, inaugurated the session. The function was coordinated by Ms.M.Nivetha Kumari.

Department of CSE&IT conducted an Internal Mini Project Expo on 7.03.2018. Mr.K.Sudhakaran, Director of Smaber Solutions Pvt. Ltd., inaugurated the session.

"Mini Project Expo" has been organized for II &III year Civil Engineering students on 7th March 2018. 18 projects were displayed. Mr.M.Baskar, Proprietor, Sai Constructions & Interior Decorators, acted as Jury.

INSPIR EXPO'18, an Internal Project Expo, was organized for the Final year Civil Engineering students on 10.03.2018. 28 projects were displayed. Ms.Babitha Goyal, AE - Highway Department, acted as a Jury.

Women's Day

Women's Day was celebrated by conducting events like Ball passing, Flower Vase making and Art of Mehandi designs to the faculty members and Bindhi Art, Calligraphy & Debate for the students on 8th March 2018.

Valedictory function

Valedictory function of IEEE, ISTE, CSI, ICI, IETI & IEI, the professional societies of IFETCE, was held on 22nd March 2018. Prizes were distributed to the winners of various events by Dr.G.Mhendran, Principal, Dr.S.Matilda, Vice Principal & Dean Academics, Prof.J.Asha, Dean Placement & Student Affairs.

Department of ECE organized the Valedictory function for the Association of Communication Engineers was held on 9th March, 2018. Mr.Manoj Kumar Desai, Technology Analyst, Infosys Ltd, Bangalore, was the Chief Guest. The function was coordinated by Mr.A.Jayakumar, Associate Professor/ECE, and Mr.R.Senthil Kumaran, Associate Professor/ECE.

Department of IT organized Software Engineering Association Valedictory Function on 7.03.2018. Mr.K.Sudhakaran, Director of Smaber SolutionsPvt. Ltd., was the chief guest of the function.

All faculty members and students of Mechanical Engineering participated in the "VALEDICTORY FUNCTION" of Mechanical Engineering Department on 9th March 2018 conducted at IFET College of Engineering, Villupuram. Mr.P.Mahendra Kumar, Deputy chief engineer, Projects and Business Development, NLC India Ltd, was the chief guest of the function. The function was coordinated by Mrs.G.S.MollyIrine ASP/MECH.

Department of Civil Engineering organized WCCA Valedictory Function on 07.03.2018. Mr.M.Baskar, Proprietor, Sai Constructions &Interior Decorators, was the chief guest of the function.

Department of Electrical and Electronics Engineering organized Association Valedictory & Special Lecture on "Energy Conservation" presided over by Mr.D.Arun Gopal, Corporate Real Estate Professional, CGI, Bangalore, on 7th March 2018.

Session handled by faculty

Mrs.P.Hemalatha, Senior Assistant Professor, Information Technology handled a session in the ISTE sponsored workshop on "IoT in Industrial Automation" held in Mechanical Department on 1.3.2018.

Ms.S.Kiruthiga, AP/IT, and Ms.S.P.Priyadharshini, AP/IT, handled a session in the ISTE sponsored workshop on "KIBANA a –Data Analytics and Visualization Tool" in ISTE Staff Chapter on 28.2.18.

Awareness Program

On account of Women's day celebration ISTE Staff & Students chapter sponsored awareness programme was conducted on 8th March 2018. Mr.Muthu Manickam/DSP, Investigative unit of Crime against women, Villupuram, delivered a sppech on 'Crime against Women'.

NSS Camp

National Service Scheme organized a Special camp for 7 days which held from 9.3.2018 to 15.3.2018 at V.Pudur and Gangarampalayam. As the part of the program, Hand Work was taught by the NSS Volunteers to the rural people in an effective manner. Swatch Bharat Abinyan camp, Health Awareness camp, Veterinary Camp, Yoga Awareness Camp and competition for the school students were also conducted.

Preparation and characterization of Barium Incorporated Zinc Oxide nanoparticles

ZnO is the hardest of the II-VI semiconductors due to the higher melting point (2248k) and large cohesive energy (1.89ev) (therefore more resistant to wear), as well as one of the most piezoelectric semiconductors (d= 12.2 × 10-12 C/N) with good piezoelectric coefficient KL =0.27 and its high adherence on various substrates[1-4]. Moreover it is used in a variety of technical applications, including porcelain enamels, heat resisting glass, an activator in vulcanization, an additive for rubber and plastics, pigment in paints with UV protective and fungi static properties, spacecraft protective coatings, a constituent of cigarette filters, healing ointments, in optical waveguide, and many more [5].

ZnO nano powder was synthesis by sol gel process. Zinc acetate [Zn(CH3CO2)2.2H2O] and NaOH were used as a precursor material and the solvent, respectively. Zinc acetate was dissolved in NaOH by the molar ratio of 1:85, after stirring the solution with reflux at 70- 750 C for 4 hours. Then filtration was done by what man filter paper. During the filtration solution was washed by ethanol many times to avoid the impurities. After filtration, filtered sample was heated at 900C in oven for 2 hours. Heated sample was grinded and characterized under many techniques (like XRD, FTIR, SEM, UV etc.)

Conclusions Pure Zinc Oxide and Barium dope Zinc Oxide nanoparticles were synthesized by sol-gel technique. The X-ray diffraction patterns were characterized for the purpose of crystal formation. Morphological images were characterized with help of SEM. The average particle size of the doped Zinc Oxide nanoparticle is 58-62nm. This was obtained from scanning electron microscopic images of synthesized samples. The optical properties were characterized using UVV is spectral analysis. The absorption edge of pure ZnO is 190nm and Ba doped ZnO are 199.77 and 208.05nm. This result shows dopant materials were increasing the band gap of the material. From this study, we can suggest the doped semiconductor will be used for photacatalytic, gas sensor, and solar cell applications.

Ms.G.Amutha, AP/Physics

Ms.A.Dhanalakshmi, ASP/Physics

IFETCE

QUOTABLE QUOTES

NELSON MANDELA

- Education is the most powerful weapon which you can use to change the world.
- Action without vision is only passing time, vision without action is merely day dreaming, but vision with action can change the world.
- The greatest glory in living is not in falling, but in rising every time we fall.
- The brave man is not he who does not feel afraid, but he who conquers that fear.
- Our deepest fear is not that we are inadequate. Our deepest fear is that we are powerful beyond measure.
- What counts is not the mere fact that we have lived. It is what difference we have made to the lives of others that will determine the significance of the life we lead.
- Difficulties break some men but make others. No axe is sharp enough to cut the soul of a sinner who keeps on trying, one armed with the hope that he will rise even in the end.
- A winner is a dreamer who never gives up.
- Courage is not the absence of fear — it is inspiring others to move beyond it.
- Live life as though nobody is watching, and express yourself as though everyone is listening.
- It is not where you start but how high you aim that matters for success.

STUDENTS' CORNER

By

Mr.A.Sathish
I Year Mechanical

By

Ms.N.Sangeetha
I year CSE

IFET NEWS CORNER

Monthly News

ஐ.எப்.இ.டி. பொறியியல் கல்லூரியில்

விளையாட்டு தின விழா

கெங்கராம்பாளையம், மார்ச்.8-

விழுப்புரம் மாவட்டம் கெங்கராம்பாளையத்தில் உள்ள ஐ.எப்.இ.டி. பொறியியல் கல்லூரியில் விளையாட்டு தின விழா நடைபெற்றது. விழாவுக்கு கல்லூரி தலைவர் ராஜா, துணைத் தலைவர் முகமது இலியாஸ், செயலாளர் சிவராம் ஆல்வா ஆகியோர் முன்னிலை வகித்தனர். கல்லூரி முதல்வர் மகேந்திரன், துணை முதல்வர் எஸ்.மெடில்டா, வேலை வாய்ப்புதுறை தலைவர் பேராசிரியர் ஆஷா ஆகியோர் ஒலிம்பிக் தீபத்தை ஏற்றி விளையாட்டு போட்டிகளை தொடங்கி வைத்தனர்.

இந்த விழாவில் கடலூர் மாவட்ட விளையாட்டு அதிகாரி எம்.ராஜா சிறப்பு விருந்தினராக கலந்து கொண்டு வாழ்த்தி பேசியதோடு விளையாட்டு போட்டியில் வெற்றி பெற்றவர்களுக்கு பரிசுகள் வழங்கினார். விழாவில் அவர் பேசும்போது மாணவ-மாணவிகள் விளையாட்டில் ஆர்வமாக கலந்து கொண்டு உடல் ஆரோக்கியத்தை பேணி பாதுகாக்க வேண்டும், வாழ்வில் ஒழுக்கத்தை கடை பிடிக்க வேண்டும் என்றார். இந்த விழாவுக்கான ஏற்பாடுகளை விளையாட்டுத்துறை இயக்குனர் தங்கமுருகன் செய்திருந்தார். தொடக்கத்தில் ஒருங்கிணைப்பாளர் முகமது மாருசுத் வரவேற்றார். முடிவில் துணை ஒருங்கிணைப்பாளர் கணேஷ் குமார் நன்றி கூறினார். விழாவில் பேராசிரியர்கள், மாணவ-மாணவிகள் கலந்து கொண்டனர்.

ஐஎப்இடி பொறியியல் கல்லூரியில்

நாட்டு நலப்பணித்திட்ட முகாம்

விழுப்புரம் கெங்கராம்பாளையம் ஐஎப்இடி பொறியியல் கல்லூரி சார்பில் நாட்டு நலப்பணித்திட்ட முகாம் நடந்தது.

விழுப்புரம், மார்ச் 21: ஐஎப்இடி பொறியியல் கல்லூரியின் நாட்டு நலப் பணித் திட்ட சிறப்பு முகாம் வி.புதூர் மற்றும் கெங்கராம்பாளையம் கிராமங்களில் நடைபெற்றது. கல்லூரி முதல்வர் டாக்டர் மகேந்திரன் விழாவை துவக்கி வைத்தார். கல்லூரி தலைவர் ராஜா, துணைத்தலைவர் முகமது இலியாஸ், செயலாளர் சிவராம் ஆல்வா, முதல்வர் மகேந்திரன், துணை முதல்வர் எஸ். மெடில்டா, வேலைவாய்ப்பு திட்ட அலுவலர் டீன் ஆஷா மற்றும் துறைத் தலைவர்கள் ஆகியோர் வாழ்த்துக்களை தெரிவித்தனர். இம்முகாமின் துவக்க நாளில் 100க்கும் மேற்பட்ட மரக்கன்றுகளை கல்லூரி முதல்வர் மற்றும் நாட்டு நலப்பணித்திட்ட அலுவலர்கள், மாணவர்கள் மூலம் இரு கிராம பொதுமக்களுக்கும் வழங்கினர். இம்முகாமில் கைத்தொழில் கற்பித்தல், ஆரோக்கிய வாழ்விற்கான வழிமுறைகள், யோகா பயிற்சி, கால்நடை பராமரிப்பு, விளையாட்டு போட்டி போன்ற நிகழ்ச்சிகள் நடத்த திட்டமிடப்பட்டது. பள்ளி தலைமை ஆசிரியர், ஆசிரியர்கள், நாட்டு நலப்பணித்திட்ட மாணவர்கள், பள்ளி மாணவர்கள் மற்றும் பொதுமக்கள் கலந்து கொண்டனர். கல்லூரி நாட்டு நலப்பணித்திட்ட அலுவலர்கள் கயல்விழி மற்றும் கிரிதரன் ஆகியோர் இதற்கான ஏற்பாடுகளை செய்திருந்தனர்.

CAMPUS CONNECT

Accent on importance of computer networking, career opportunities

Project expo held at IFET College of Engineering

The Department of Computer Science and Engineering and Information Technology of IFET College of Engineering organised a project expo at the college recently.

K. Sudhagaran, director of Smabes Solutions Pvt. Ltd., Chennai, evaluated the projects made by second and third year students of CSE and IT.

In his address, he stressed the importance of computer networking and career opportunities. He also distributed prizes to best projects presented by the students.

ஐஎப்இடி பொறியியல் கல்லூரி என்எஸ்எஸ் முகாம் நிறைவு விழா

கெங்கராம்பாளையம் ஐஎப்இடி பொறியியல் கல்லூரியின் நாட்டு நலப்பணித்திட்ட சிறப்பு முகாம் நடந்தது.

விழுப்புரம், மார்ச் 25: விழுப்புரம் அருகே கெங்கராம்பாளையத்தில் உள்ள ஐஎப்இடி பொறியியல் கல்லூரியின் நாட்டு நலப்பணித்திட்ட சிறப்பு முகாம் கடந்த 9ம்தேதி தொடங்கி 15ம்தேதி வரை வி.புதூர், கெங்கராம்பாளையம் கிராமங்களில் நடந்தது. முகாம் நிறைவு விழாவில் கல்லூரியின் வேலைவாய்ப்புதிட்ட அலுவலர், டீன் ஆஷா சிறப்பு விருந்தினராக கலந்துகொண்டு முகாமையொட்டி நடத்தப்பட்ட பல்வேறு போட்டிகளில் வெற்றி பெற்ற மாணவர்களுக்கு ஊக்கப்பரிசு, சான்றிதழை வழங்கினார்.

விழா நடத்த துணை புரிந்த கல்லூரி தலைவர் ராஜா, துணைத்தலைவர் முகமது இலியாஸ், செயலாளர் சிவராம்ஆல்வா, முதல்வர் மகேந்திரன், துணை முதல்வர் மெட்டில்டா மற்றும் துறை தலைவர்களுக்கு நாட்டு நலப்பணி திட்ட குழுவினர், பள்ளி தலைமை ஆசிரியர், பொதுமக்கள் நன்றி தெரிவித்தனர்.

விழாவை நடத்திய நாட்டு நலப்பணி திட்ட அலுவலர்கள் கயல்விழி, கிரிதரன் ஆகியோரை கல்லூரி நிர்வாகம், பள்ளி தலைமை ஆசிரியர், கிராம மக்கள் பாராட்டினர்.

ஐஎப்இடி பொறியியல் கல்லூரியின் 19வது விடுதிநாள் விழா

விழுப்புரம் கெங்கராம்பாளையம் ஐஎப்இடி பொறியியல் கல்லூரியில் விடுதிநாள் விழா நடந்தது.

விழுப்புரம், மார்ச் 27: விழுப்புரம் கெங்கராம்பாளையம் ஐஎப்இடி பொறியியல் கல்லூரியின் விடுதி மாணவர்கள் சார்பில் 19வது விடுதிநாள் விழா கல்லூரி அரங்கில் நடந்தது. பேராசிரியர்கள் அனந்தக்குமார், விஷ்ணு, பிரியா ஆகியோரின் வழிகாட்டுதலின் பேரில், இவ்விழாவினை விடுதி மாணவர்கள் ஏற்பாடு செய்திருந்தனர். கல்லூரி செயலாளர் சிவராம் ஆல்வா சிறப்பு விருந்தினராக கலந்துகொண்டு கல்லூரி விடுதி வாழ்க்கையின் மகத்துவம் மற்றும் விடுதி மாணவர்கள் எவ்வாறு சாதிக்க முடியும் என்பது பற்றியும் கூறினார். இதையடுத்து, நடந்த பல்வேறு போட்டிகளில் வெற்றி பெற்ற விடுதி மாணவர்களுக்கு பரிசுகளை வழங்கினார்.

இதில், கல்லூரி தலைவர் ராஜா, துணைத்தலைவர் முகமது இலியாஸ், கல்லூரி முதல்வர் மகேந்திரன், துணை முதல்வர் மெட்டில்டா மற்றும் வேலை வாய்ப்பு துறைத் தலைவர் ஆஷா ஆகியோர் கலந்துகொண்டனர். விழா நிகழ்ச்சிகள், விருந்தில் அனைத்து விடுதி மாணவர்கள், அவர்களது பெற்றோர்கள் மற்றும் பேராசிரியர்கள் கலந்துகொண்டனர்.

CAMPUS CONNECT

Intra-college expo

'Inspir Expo 2k18', an intra-college project exhibition to encourage the innovative ideas of the emerging engineers was organised by the IFET College of Engineering. The objective of the expo was to motivate, exhibit, evaluate and reward the student talents.

The function was presided over by college chairman K. V. Raja, vice-chairman A. Mohammed Ilyas and secretary K. Shivram Alva.

About 335 projects were exhibited by the students of civil, computer science, electrical and communication engineering, electrical and electronics engineering, information technology and mechanical engineering departments.

The projects were evaluated by prominent jury members from industries including MNCs. Four best projects from each department in the categories of best innovation, best social relevance, best implementation of new technology and best presentation were given cash prizes. Principal G. Mahendiran felicitated the students.

★

ஐ.எப்.இ.டி. கல்லூரியில்

சிறந்த மாணவர்களுக்கு பரிசளிப்பு விழா

கெங்கராம்பாளையம், மார்ச்.15–

விழுப்புரம் மாவட்டம் கெங்கராம்பாளையத்தில் உள்ள ஐ.எப்.இ.டி. பொறியியல் கல்லூரியில் ஆண்டு விழா நடை பெற்றது. விழாவுக்கு கல்லூரி தலைவர் கே.வி.ராஜா தலைமை தாங்கினார். துணைத் தலைவர் முகமது இலியாஸ், செயலாளர் சிவராம் ஆல்வா ஆகியோர் வாழ்த்திப் பேசினார்கள். கல்லூரி முதல்வர் மகேந்திரன் ஆண்டு அறிக்கை வாசித்தார்.

விழாவில் சென்னை அண்ணா பல்கலைக்கழக பதிவாளர் கணேசன் வாழ்த்தி பேசுகையில், 'மாணவர்கள் பெற்றோரை மதிக்க கற்றுக்கொண்டால் வாழ்க்கையில் முன்னேறலாம். நல்ல சிந்தனைகளை வளர்த்துக்கொண்டால் தலைச்சிறந்த பொறியாளராகலாம்' என்றார். அதனைதொடர்ந்து பல்வேறு துறைகளில் சிறந்து விளங்கிய மாணவ–மாணவிகளுக்கு பரிசு கள் மற்றும் சான்றிதழ்கள் வழங்கப்பட்டன. தொடர்ந்து கலை நிகழ்ச்சிகள் நடந்தது. விழாவில் கல்லூரி துணை முதல்வர் மெடில்டா, வேலைவாய்ப்பு துறை பேராசிரியர் ஆஷா மற்றும் துறை தலைவர்கள், பேராசிரியர்கள் கலந்துகொண்டனர். ஆங் கில பேராசிரியர் ஆஷாபானு, கணினிதுறை பேராசிரியர் ராஜேஷ் ஆகியோர் விழாவை ஒருங்கிணைத்து நடத்தினர்.