



KINGS
COLLEGE OF ENGINEERING



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HAPPENINGS AT KINGS

ACTIVITIES UNDER NITT - AICTE MARGDARSHAN

- Dr. T. Pushparaj, HOD/Mechanical and Mr. R. Shankar, AP/Mech, **End User Interaction Meet** at Siemens Centre of Excellence, NIT-T on 09.02.2019.
- Mrs. U. Jeyamalar and Mr. A.Herald, AP/ECE, attended FDP on "**Empowering Teachers in 21st Century Education**" at NIT-T during 29th APRIL to 03rd MAY, 2019.
- Dr. D. Sivakumar and Mr. M. Sriramkumar, AP/CSE, attended FDP on "**Computational Intelligence for Multimedia**" at NIT-T during 13th to 17th May 2019.
- Dr. A. Albert Martin Ruban, Assoc. Prof/EEE and Mrs. P. Thirumagal, AP/ECE, attended FDP on "**Process Optimization and Control**" at NIT-T from 3rd to 7th June 2019.
- Mr. M. Nithish Kumar, student of Civil Engineering department and Mr. T. Aatralarasan, student of Mechanical Engineering department completed their intern at NIT-T during May – June, 2019.

Internships

- Vijay Venkadesan, student of Civil engineering department carried out his intern at Readymix-Abudhabi, Elements Material Technology, Abdudhabi during 10th to 19th June, 2019.
- E. Ilankhatir, student of ECE department carried out his intern at Laursen & Toubro Limited, Bangalore during 06th May, 2019 - 04th July, 2019.

TNSCST Grants

L.Mowli and K.Jaishree and Mrs.R.Ponni, AP/ECE, received a grant of Rs. 7,500/- for the project "**R3 Menstrual Kit**". Festus Devarpiyan J.D, Nethaji.T.S and Ms.R.Sugantha Lakshmi, AP/CSE, received a grant of Rs. 5,000/- for the project "Pacifier (Mobile APP)". S.Sheeba and Mr.T.Jeyaseelan, AP/ECE, received a grant of Rs. 7,500/- for the project "VLSI Implementation of Automated Monitoring and Detection for Tonsillitis by Image Processing".

AICTE Grants

AICTE sponsored Skill and Personality Development Programme Centre under scheme towards establishment of Dr. S. Sivakumar, Professor/EEE, received a grant of Rs. 14 lakhs is sanctioned



Graduand receiving her Degree from parents in the presence of Smt. Sharmila Rajaa, Chair Person, Dr. R. Rajendran, Secretary, Shri. T.R.S. Muthukumaar, CEO, during 14th Graduation Day.



Dr. J. Arputha Vijaya Selvi, Principal, at the Inauguration of AICTE- MARGDARSHAN, NIT-T. Under this scheme resources of NITT can be utilized.



Ms.S. Shenbagaveni, Dept. of ECE, with KING OF KINGS Award 2019 during 18th Annual Day Celebrations



Prof. Eric A. Hoffman, University of IOWA, USA, delivering lecture



Winners - 18th Sports Day along with the dignitaries Dr. R. Rajendran, Secretary, Dr. J. Arputha Vijaya Selvi, Principal, and Dr. M. Revanasiddappa, PESIT, Bangalore.



Mrs. R. Ponni, AP/ECE, Ms. L. Mowli and Ms. K. Jaishree, Final year ECE, with Dr. Sagayam, IAS, at Chennai Science Festival - 2019.

INTERNAL QUALITY ASSURANCE CELL

EVENTS ORGANIZED

- Baranitharan.M/CSE working as Quality Assurance Engineer in Expleo Group of Companies, Bangalore, Nagarajan/CSE, Full Stack Developer, Aagnia Technologies, Coimbatore, addressed III year students on 09.03.19 and shared their experiences in skill development, certifications and industry expectations.



Mr.M. Baranitharan Addressing the students

Massive Open Online Courses (MOOC)

SWAYAM courses enrollment & participation by staff	47
SWAYAM courses enrollment & participation by students	37
NPTEL course enrollment & participation by staff	34
FOSS certifications from IIT Bombay (for student)	
Number of workshops organized	14
Number of certifications	182
FOSS certifications from IIT Bombay (staff –FDP)	43



A view of the participants

DEPARTMENT OF CIVIL ENGINEERING

EVENTS ORGANIZED

- Mr.R.Sundharam, AP, organized a Guest Lecture titled **“Railway Airport and Harbour engineering”** for third year students on 01st February 2019. Mr.M.Senthamizhan, AP/Civil, Alagappa Chettiar College of Engineering & Technology, Karaikudi, was the resource person.



Guest lecture program by Mr.M.Senthamizhan

- Mr.K.Ranjith, AP, organized a guest Lecture on **“Soil Mechanics”** for the second year students on 15th February 2019. Ms.T.Mohana Sankari, AP/Civil, Arasu Engineering College, Kumbakonam, was the resource person.



Guest lecture programme by Ms.T.Mohana Sankari

- Mr.R.Sundharam & Mr.S.R Elwin Guru Chanth AP, organized a One Day workshop on **“Advanced Surveying & Field Work”** on 05th March, 2019.



Inaugural Session



Site Marking

- Mr.K.Arun & Mr.K.Ranjith, Asst. Prof, organized a National conference on “Innovative Trends and advance in Civil Engineering” at KCE, held on 16th March 2019.



JOURNAL & CONFERENCE PUBLICATION

- Mr.R.Sundharam, Mr.K.Ranjith, Ms.K.Jeyashankari, Mr.M.Mohamed Ilyas, Mrs.R.Revathi, & Ms.V.Ishwarya

participated in the International Conference on "Multi Disciplinary Research (ICMR 2019)" at KSK College of Engineering & Technology, Kumbakonam, held on 5th March, 2019.

- Mr.S.Kamaraj attended International Conference on "Recent Trends in Nano materials for Energy, Environmental and Engineering applications (ICONEEEA-2K19)", at K.Ramakrishna College of Technology, Trichy, on 14th & 15th, March 2019.
- Ms.K.Bhavarohini, Mr.S.Kamaraj, Ms.V.Ishwarya, Mr.K.Arun, Mr.S.R.Elwin Guru Chanth, Ms.M.Priya, Mr.K.Ranjith & Mrs.R.Revathi – National Conference on "Recent Trends in Civil Engineering", at Mother Teresa College of Engineering & Technology, Pudukkottai, on 21st March, 2019.

FDP, SDP, SEMINAR & WORKSHOP ATTENDED

- Mr.K.Arun, attended National workshop on “Material Testing and Characterization” at NIT, Trichy, on 14th & 15th December, 2018.
- Mrs.R.Revathi, Mr.R.Sundharam, Mr.K.Arun, Mr.K.Ranjith have attended ICT mode STTP on Problem Solving and Decision making organized by National Institute of Technical Teachers' Training and Research, Kolkata at KCE, during 31st December to 04th January 2019.
- Mrs.R.Revathi, Mr.S.Kamaraj, Mrs.S.Ishwarya and Mr.K.Ranjith participated in the workshop on “Post Tensioning Slabs in Buildings & Empowerment of Electrical Engineering for Civil Engineers” at CEAT - Civil Engineers and Architects association, Thanjavur, held on 02nd February, 2019.
- Mr.S.R.Elwin Guru Chanth, Mr.M.Mohamed Ilyas, participated in the ICT mode STTP on Lab Manual Preparation organized by "National Institute of Technical Teachers' Training and Research", Kolkata at KCE held on 04th February to 8th February 2019.

STUDENTS' FEAT

- Sixteen students of IV Civil have attended Regional level Technical Seminar on “Post Tensioning Slabs in

Buildings & Empowerment of Electrical Engineering for Civil Engineers" at Civil Engineers and Architects Association, Thanjavur, on 02nd February, 2019.

- D.Santhosh Anandh won first prize in paper presentation at Arasu Engg. College, Kumbakonam on 09th March, 2019.
- V.Vijay won first prize in Technical Quiz at Arasu Engg. College, Kumbakonam, on 09th March, 2019.
- 16 students of IV Civil have attended Int. Conf. on "Multi Disciplinary Research (ICMR 2019)" at KSK College of Engineering & Technology, Kumbakonam, on 05th March, 2019.
- 10 Students of IV Civil have attended Int. Conf. on "Current Research in Engineering, Science & Technology", at Jayaram College of Engineering & Technology, Trichy on 08th March, 2019.
- 41 students of IV Civil have attended NCON on "Recent Trends in Civil Engineering", at Mother Teresa College of Engineering & Technology, Pudukkottai on 21st March 2019.

DEPT. OF COMPUTER SCIENCE & ENGINEERING EVENTS ORGANIZED

- Ms P.Nalayini, AP, organized a workshop on "PHP Programming" for III & IV Year students on 08th February, 2019.



Dr.K.Rajiv Gandhi delivering a lecture about PHP Programming

- Ms.R.Ranitha, AP, organized a guest lecture on Compiler design for III yr on 02nd February, 2019.



Mr.S.Ramprakash gave lecture on Compiler Design



Dr.J.Arputha Vijaya Selvi, Principal, honoring the Chief Guest of NCETACT'19 Ms.Jennifer Bliss.



Proceedings of the NCETACT'19 was released. From right to left: Dr.J.Arputha Vijaya Selvi, Principal, Ms.Jennifer Bliss, University of Iowa, USA, Dr. S. Krishna Kumar, DRDO, Dr.R.Rajendran, Secretary, Dr. S. Albert Alexander, KEC, Dr.S.Sivakumar, Vice Principal.



Distribution of Certificates NCETACT'19 participants

JOURNAL & CONFERENCE PUBLICATIONS

- Dr.S.M.Uma, "Autonomous Self Parking Robot" in the Int. Conf. on Multi disciplinary Research, KSK College of Engineering, Kumbakonam, on 05th March, 2019.
- Ms.K.Abhirami, "ANN based credit card fraudulent detection using Auto encoder for secured environment" in the Int. Conf. on Multi disciplinary Research, KSK College of Engineering, Kumbakonam, on 05th March, 2019.
- Dr.D.Sivakumar "Computer interfaced smart A1 battle field Tank", in the 6th Int. Conf. on the Advances in Information Technology and Networking, Dr.G.R.Damodaran College of Science, Coimbatore, on 08th February, 2019.
- Mr.R.SriramKumar, "Data Transfer over Internet using Quantum Key Distribution Protocol" in NCACCPS'19, St. Josephs College of Engineering & Technology, Thanjavur, on 09th March, 2019.
- Ms.R.Suganthalakshmi, "Smart home automation system using IOT based Sensing and Monitoring" NCACCPS'19, St.Josephs College of Engineering and Technology, Thanjavur on 09th March, 2019.
- Ms.R.Suganthalakshmi, "PACIFIER (Multi Utility Mobile Application)", Int. Conf. on Multi disciplinary Research at KSK College of Engineering, Kumbakonam on 05th March, 2019.
- Ms.R.Ranitha, "Account trade: Accountable Protocols for Big Data Trading Against Dishonest Consumers" Int. Conf. on Multi disciplinary Research, KSK College of Engineering, Kumbakonam , on 05th March, 2019.

- Ms.B.Sangeetha, "Radar Surveillance system with IOT Enabled system for security alert in bank and borders" Int. Conf. on Multi disciplinary Research, KSK College of Engineering, Kumbakonam on 05th March, 2019.
- Mr.S.Rajaraman, "An Intelligent Solar LED Street Lighting System", NCON'19, KCE, on 15th March, 2019.
- Mr.S.Rajaraman, "Edge Computing based Manhole Cover Management", NCON'19, KCE, on 15th March, 2019.
- Ms.P.Nalayini, "Speech Stress Analysis based lie detecting Software", Int. Conf. on Multi disciplinary Research, KSK College of Engineering, Kumbakonam, on 05th March, 2019.
- Mr.K.Rajesh, "Proposed Security Model for Session Transfer and Services using OTP", Int. Conf. on Multi disciplinary Research, KSK College of Engineering, Kumbakonam, on 05th March, 2019.
- Ms.S.Puvaneswari, "Automatic Railway Gate & Track monitoring System using IOT", Int. Conf. on Multi disciplinary Research, KSK College of Engineering, Kumbakonam on 05th March, 2019.
- Ms.G.Chandrapraba, "Semi supervised based PSO Framework for Microarray Analysis", Int. Conf. on Multi disciplinary Research, KSK College of Engineering, Kumbakonam, on 05th March, 2019.
- Mr.M.Arun, "Enhanced Automated Toll Collection" NCON NCACCPS'19, St.Josephs College of Engineering and Technology, Thanjavur, on 09th March, 2019.

FDP, SDP, SEMINAR & WORKSHOP ATTENDED

- Mr.R.SriramKumar, Mr.S.Rajaraman and Ms.R.Ranitha attended two days FDP on Robotics and Automation at KCE on 22nd & 23rd February, 2019.

STUDENTS' FEAT

- 10 Students of II CSE and 10 Students of III CSE attended a workshop on Robotics systems at Kongunadu Engineering College, Trichy, on 12th January, 2019.
- Abimanyu S, Abitha. A, Jeevitha E & Shiyamala R of II CSE attended a workshop on IOT for RE at EGS.Pillai College of Engineering and Technology, Nagapattinam, on 02nd February, 2019.

- Abinaya.A, Arschana.U of IV CSE, presented a paper titled "Specific features for Text Arrangement and Slide Creation approach" NCETACT'19, KCE on 15th March, 2019.
- Abinaya.R, Thenmozhi.P & Vidhya.A of IV CSE, presented a paper titled "An Intelligent Solar LED Street Lighting System", NCETACT'19, KCE, on 15th March, 2019.
- Krithika.M, Meimozhi.B, Anusha.K of IV CSE, presented a paper titled "Speech Stress Analysis based lie detecting Software" Int. Conf. ICMR'19, KSK College of Engineering & Technology, Kumbakonam on 05th March, 2019 .
- Atchaya.A, Mirunalini.S & Rajavarshini.B of IV CSE, presented a paper titled "Data transfer between two systems over intranet using Quantum Mechanism", NCACCPs'19, St. Joseph's College of Engineering & Technology, Thanjavur on 9th March, 2019.
- Balachandar.V, Mohamed Ali.M.J, Sivabalan.R & Subash Chandra Bose.R of IV CSE, presented a paper titled "Handwritten Recognition for Author Identification using Image Processing Technique", NCETACT'19, KCE on 15th March, 2019.
- Dhivyabharathi.C, Divya bharathi.K, & Samaya.G of IV CSE, presented a paper titled "Account Trade: Accountable Protocols for Big data Trading against Dishonest Consumers", Int. Conf. ICMR'19, KSK College of Engineering & Technology, Kumbakonam on 05th March, 2019.
- Elakkiya.M, Manimozhi.K & Sugapriya.S of IV CSE, presented a paper titled "Proposed Security Model for Session Transfer and Services using OTP", Int. Conf. ICMR'19, KSK College of Engineering & Technology, Kumbakonam on 05th March, 2019.
- R.Vinotha of II M.E, CSE, presented a paper titled, "Advanced Botnet command and control traffic detection", Int. Conf. ICATN'19, Dr.G.R.Damodaran College of Science, Coimbatore on 08th March, 2019.

DEPT. OF ELECTRONICS AND COMMUNICATION ENGG. EVENTS ORGANIZED

- Mr. P. Raja Pirian AP/ECE and Mr. W. Newton David Raj AP/ECE have organized a one day workshop on

Printed circuit Board Design on 12th January,2019. Mr. E. Venugopal, Asst. Prof, Eshwar College of Engineering, Coimbatore, delivered a lecture. Nearly 60 students participated in this program.



Welcome address by Ms.N.Mangaiyarkarasi, HOD/ECE

- Mr. R. Thandayuthapani, AP, organized one day Mini Project Expo "Electro expo-2K19 on 22nd February,2019. Mr.T.Pasupathi, AP & Mr.P.Rajapirian, AP acted as juries.
- Mr. T. Jeyaseelan, AP, organized a one day workshop on Entrepreneur training program on 08th February, 2019.



- Two day Workshop on "Biomedical Interventions" was organized on 27th & 28th February, 2019. Dr.K. Damodaran, Sr. Consultant & Interventional Cardiologist, Apollo Hospitals, Chennai, Prof. R. Malathy, Professor/E&I, Annamalai University, Chidambaram, Dr. S. Shanthi, Professor/ECE, Adithya Institute of Technology, Coimbatore, Dr. G. Shanthi, Scientist, Manager, Preclinical, Microtherapeutics Research Labs, Chennai, were the resource persons.



Honouring the Chief Guest

- One day Guest lecture on “Research Opportunities” was held on 02nd February, 2019. Prof. Rominus. Valsalam, Deputy Director, CDAC, Trivandrum, delivered a special lecture for students.



JOURNAL & CONFERENCE PUBLICATIONS

- Dr. T. Shanthi, “Multilayer Multifault diagnosis for fault tolerance network on chip (NOC)”, NCON at St. Joseph college of Engineering and Technology, Thanjavur on 09th March, 2019.
- Mrs. N. Mangaiyarkarasi, “Forest Wood Tracking and Animal Detection System based on FPGA”, NCON at St. Joseph college of Engineering & Technology, Thanjavur on 09th March, 2019.
- Mrs. U. Jeyamalar, “An IOT based System for Passenger Service and Comfort in Railways” in NCON at St. Joseph College of Engineering and Technology, Thanjavur, on 09th March, 2019.

- Mr. W. Newton David Raj, “Smart agriculture on planting and monitoring system for protected cultivation” in NCON at St. Joseph College of Engineering and Technology, Thanjavur, on 09th March, 2019.
- Mr.R.Sathyaraj, “Bus speed control with the human detector in the steps” in NCON at St. Joseph College of Engineering and Technology, Thanjavur, on 09th March, 2019.
- Mrs.P.Thirumagal, “Smart phone based photo-plethysmography for physiotherapy” in NCON at St. Joseph College of Engineering and Technology, Thanjavur, on 09th March, 2019.
- Mrs. R. Ponni, “Leukemia revelation systems” in Int. Conf. at Periyar Maniammai University on 13th March, 2019.
- Mrs. R. Ponni, “A survey on MANET with LAR in disaster management”, KCE, on 15th March, 2019.
- Mr.S.Sivakumar, “Wireless Communication based Antenna Radiation Reduced System”, Int. Conf. on Multidisciplinary Research, K.S.K. College of Engineering and Technology on 05th March, 2019.

STUDENTS' FEAT

- Seven Students of IV ECE participated in the workshop on “Addressing Techniques and Device in Wireless Networks”, K.S.K College of Engineering & Technology, Kumbakonam, on 28th January, 2019.
- Six Students of IV ECE participated in the workshop on “Science and Technology Capacity building for Industrial Needs”, Arasu Engineering College, Kumbakonam on 30th January & 1st February, 2019.
- Fourteen Students of IV ECE participated in the Workshop on “Processing of Bio signals using MATLAB”, Karpagam Academy of Higher Education, Coimbatore on 1st February, 2019.
- Fourteen Students of IV ECE participated in one day workshop on “Simulation and Design of PCB using Proteus” K.Ramakrishnan College of Technology, Trichy, on 02nd February, 2019.
- Seven Students of IV ECE participated in one day workshop on “Embedded Systems” at V.S.B Engineering College, Karur, on 02nd February, 2019.

- K.Jaishree and L.Mowli of IV ECE participated in “Science City”, Science Expo, Chennai, from 19th to 22nd February, 2019.

Consolidated students achievements details:

S.No.	Name of the Event	No. of Beneficiaries	
		Internal	External
1.	Workshop	298	
2.	Guest Lecture	80	
3.	National Conference	60	60
4.	Mini Project Expo	91	-
5.	Mega Project Expo	91	30
6.	Industrial visit	48	-
7.	Professional Society Activities	80	
8.	Science Festival	02	

DEPT. OF ELECTRICAL AND ELECTRONICS ENGG. EVENTS ORGANIZED



Workshop on “Advanced Industrial Robotics and Automation”, Dr.S.Sivakumar, Vice Principal, is felicitating.



Dignitaries on the Dias – NCON'19



Lighting of Kuthu vilakku by the Chief Guest of NACOFEE'19, Dr.S.AlbertAlexander, Asso.Prof./EEE, Kongu Engineering College, Perundurai.



Inaugural Address



Certificate distribution - Workshop on “Advanced Industrial Robotics and Automation”

JOURNAL & CONFERENCE PUBLICATIONS

- Dr.S.Sivakumar, Implementation of fully automated plant for grain storage system, Int. Journal of Advanced

Research in Basic Engineering Science and Technology, Vol.5, No.2, ISSN: 2456-5717

- Dr.A.Albert Martin Ruban, Monitoring and controlling the surrounding parameters to enhance the earthworm breeding using sensors, Int. Journal of Advanced Research in Innovative Discoveries in Engineering and Applications, Vol.4, Issue 1, ISSN: 2456-8805
- Dr.A.Albert Martin Ruban, Implementation of DC-DC converter for energy management using renewable sources, Int. Research Journal of Engineering Sciences, Vol.5, Issue1
- Mr.C.Balaji, Wireless power transmission using High intensity laser power beam, Int. Journal of Advanced Research in Management Architecture Technology and Engineering, Vol.5 Issue 2, ISSN: 2454-9762
- Mr.C.Balaji, Wireless Laser Power Transmission: A Review of Recent Progress, Int. Journal of Engineering Research & Technology, ISSN: 2278-0181
- Mr.C.Balaji, Bi-directional DC-DC converter with high Frequency transformer (DHFT) in AC/DC Microgrid, Int. Research Journal of Engineering Sciences, Vol.5 Issue.1
- Mrs.A.Prabha, Using Li-Fi smart sensors integrated chair for medical monitoring, Int. Journal of Advanced Research in Basic Engineering Science and Technology, Vol.5, No.2, ISSN: 2456-5717
- Mr.C.John Selvaraj, Women safety device with hidden camera, Int. Journal of Advanced Research in Basic Engineering Science and Technology, Vol.5, No.2, ISSN: 2456-5717
- Mr.C.John Selvaraj, Mr.S.Sakthivel, Automatic Agriculture Process using Embedded Controller, Int. Journal of Advanced Research in Basic Engineering Science and Technology, Vol.5, No.3, ISSN: 2456-5717
- Mr.R.Sundaramoorthi, Design and analysis of dual inductor high step up DC-DC converter based on Cockcroft-Walton Multiplier for renewable energy systems, Int. Journal of Advanced Research in Basic Engineering Science and Technology, Vol.5, No.3, ISSN: 2456-5717
- Mr.J.Arokiaaraj, Mr.S.R.Karthikeyan, Implementation of system for monitoring and controlling of street light in

smart cities by using cloud computing, Int. Journal of Advanced Research in Basic Engineering Science and Technology, Vol.5, No.3, ISSN: 2456-5717

- Mrs.N.Rajeswari, Implementation of Border Alert System by using invisible tanker in military field, Int. Journal of Advanced Research in Basic Engineering Science and Technology, Vol.5, No.3, ISSN: 2456-5717
- Mrs.N.Rajeswari, Energy management system for intelligent buildings using grid inter connected systems, Int. Journal of Advanced Research in Basic Engineering Science and Technology, Vol.5, No.3, ISSN: 2456-5717
- Mr.J.Arokiaaraj, 21 Level inverter with reduced no. of switches using PV RES, Int. Research Journal of Engineering Sciences, Vol.5, Issue1
- V.P.Premkumar, R.Raguraman, P.Ramkumar and R.Santhoshkumar, Underground cable fault detection system using Arduino, GPS&GSM module, Int. Journal of Advanced Research in Management Architecture Technology and Engineering, ISSN: 2454-9762

STUDENTS' FEAT

- S.Adhavan, K.Prabakaran and M.Mano presented a paper titled, 'Automation of Irrigation system using microcontroller and PV panels', NCON on Advanced Communication Computing and Power systems, St.Joseph College of Engineering and Technology, Thanjavur, on 09th March, 2019.
- V.P Prem kumar and R.Santhoshkumar, presented a paper titled 'Power system UG fault detection Arduino, GSM & GPS module', Technical Conference on Electrical and Electronics Engineering, nRoot HQ, Thanjavur, on 02nd February, 2019.
- Divya.K, presented a paper titled, 'Design and implementation on real time Ploughing and Seeding System in agriculture', Technical Conference on Electrical and Electronics Engineering nRoot HQ, Thanjavur, on 02nd February, 2019.
- M.Veeramani, S.Mohanraj and B.Rohinth, presented a paper titled, 'Development of energy efficient based controlling and monitoring of street light using IOT', Nat. Conf. on emerging trends in renewable energy power quality and optimization techniques, Er.

Perumal Manimekalai College of Engineering, on 25th February, 2019.

- K.Divya, S.Dheerthi and N.Nalini, presented a paper titled, 'Implementation of real time ploughing and seeding system in agriculture, NCON on 'Emerging trends in renewable energy power quality & optimization techniques', Er. Perumal Manimekalai College of Engineering, Hosur, on 25th February, 2019.

DEPARTMENT OF MECHANICAL ENGINEERING EVENTS ORGANIZED

- A Guest Lecture on "Recent trends in Manufacturing Engineering" was conducted on 28th January, 2019. Dr.S.Sivashankar, HOD, Mechanical Engineering, Government College of Engineering, Sengipatti, was the resource person.



Audience Listening to the Guest Lecture

- A Guest Lecture on "**Trends in Automobiles**" was conducted on 25th February, 2019. Resource Persons are Mr.R.Saravanakumar, Project Manager, M/s. Toyota Motors, Mr.Parthiban, Director & Mr.Amuthan, Centre Head, Engineers CADD.



Mr.R.Saravanakumar interacting with students.



Activities by students

A workshop on "**Non Destructive Testing**" was conducted on 25th February, 2019. Mr.M.Kavinraj, NDT Level II, Technical Engineers Training Associate, Trichy, was the resource person.



Mr.M.Kavinraj, delivering lecture



Audience listening the Lecture

- NCON on "Recent Advances in Mechanical Engineering NCRAE-19" was organized on 16th March, 2019. Dr.N.L.Parthasarathi, Scientific Officer, E-Materials

Development & Tech. Division, IGCAR, Kalpakkam, was the Chief guest.



Dr.N.L.Parthasarathy, Scientific Officer-E, IGCAR honoured by Dr.T.Pushparaj, HOD/Mech, KCE.



Lighting of Holy lamp by Chief guest

Industrial Visit

Sixty seven students from II year Mechanical Engineering and two faculty members visited Sri Rajeswari Engineering Industries, Trichy, on 06th February, 2019. Students gained experience in working environment and visited various departments like Auto welding, Finishing, Assembly and Quality control in the Industry.



Second year students at the welding section of Sri Rajeswari Engineering Industries, Trichy.

DEPARTMENT OF SCIENCE AND HUMANITIES EVENTS ORGANIZED

- Workshop on “Maths Made Easy” was organized on 1st March, 2019, by Dr.G.Shankara Kalidoss, AP and Mr.G.Jeyakrishnan, AP, Mathematics.



- Mini project expo-2019 was organized by Dr.A.L.Kavitha – AP/Chemistry on 16th March, 2019.



Students Exhibiting their Projects at Project Expo

- Dept. of Physics & Chemistry organized 4th National Seminar on “Recent Trends in Smart Materials (NSSM 2019)” on 29th March 2019.



Release of Conference Proceedings

- Dept. of English organized an orientation programme on "Career Guidance" for all I Year students on 23rd February, 2019.



Participants are listening a Lecture

- A special camp from 11th to 17th February, 2019 at Mudhukulam and Mookkappavudayanpallam was organized by NSS units I & II.



- A Plastic ban awareness programme on 01st February, 2019 at our college was organized by NSS, CCC, YRC & RRC.



Students are in Field Work

- A one day eye camp was organized by NSS units I & II on 08th February, 2019. A team of four members including DRT Executive, Dr. Agarwal's Eye Hospital, Thanjavur, were present.



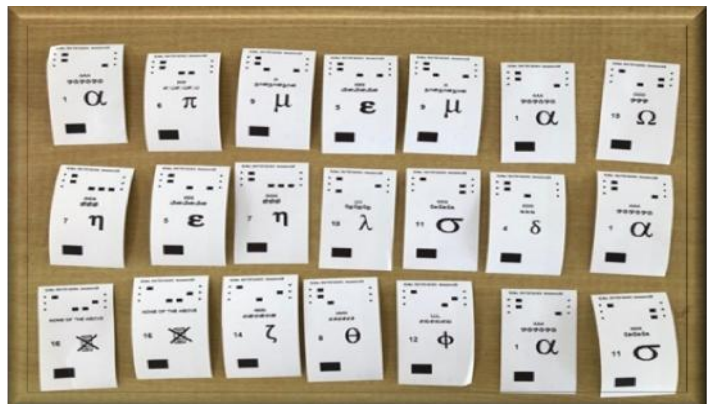
Secretary at Eye Camp

- A pulse polio campaign from 09th to 12th March, 2019 (07.00 a.m. to 07.00 p.m.) was organized by NSS units I & II at Toll Gate, Pudhunagar, Gandarvakottai.



Polio Camp

- NSS units I & II organized demonstration of voting machine with the new system introduced by Election Commission of India for our students on 15th March, 2019. Mr. T. Karuppaiya, VAO & Mr. S. Uthirapathi RI, Gandarvakottai, were present.



Display of Voting Symbols

- Passport Seva student connect programme was organized by YRC on 12th February, 2019.



Awareness Lecture to our Students

ISTE STUDENT CHAPTER

- Student's skill development programmes were organized by ISTE-STUDENT chapter.

Date	Event	Dept	Beneficiaries
09.01.2019	Paper Presentation	CIVIL	06
30.01.2019	Shot Gun(Quiz)	CSE	16
06.02.2019	Mono Acting	ECE	32
15.02.2019	Cube Game	EEE	16
27.02.2019	Sudoku	MECH	18



Dr. A. Albert Alexander interacting with the students during the ISTE – Student Seminar



Ph.D Completion

- Dr.G.Shankarakalidoss, AP, Department of Mathematics, was awarded Ph.D. degree ; title of the thesis, "A study on Quadratic, biquadratic, exponential, higher degree Diophantine equations" during March, 2019.

JOURNAL & CONFERENCE PUBLICATIONS

- Dr.AL.Kavitha, AP, Department of Chemistry, published a book titled, "Engineering Chemistry", ISBN No. 978-93-86712-50-9, during February 2019 for Bachelor Degree students, Jeyalakshmi Publications.
- Dr.AL.Kavitha, AP, Department of Chemistry, published a paper titled, "Review of Some Applications of Chitin/Chitosan with Metal/Metal Oxide Composite", Int. Journal for Research in Applied Science & Engineering Technology, Vol.7, 2019, pp.1-9.
- Ms.S.Geetha, published a paper titled, "Eccentric Domination in Fuzzy Graphs" Int. Journal of Management Technology and Engineering, vol1X, iss.V, May2019, pp.2443-2450, ISSN: 2249-7455.
- Ms.S.Revathi, published a paper titled, "The equitable bondage and non bondage number of a fuzzy graph" Int. Journal of Management Technology and Engineering, vol1X, iss.V, May2019, pp.209-212, ISSN: 2249-7455.
- Dr.V.SureshKumar, Asso.Prof., Chemistry, delivered a Lecture on "Green Chemistry" on 08th March, 2019 at University College of Engineering, Thirukkuvalai.
- Mrs.T.Gnanajeya, Asso.Prof., Mathematics, presented a paper on "Isomorphism on Neutrosophic Fuzzy Graphs", Int. Conf. on graph theory and its applications" 04th to 06th January, 2019, Amirtha School of Engineering, Coimbatore.
- Dr.V.Suresh Kumar, Asso.Prof., Chemistry, Dr.S. Udhaya Kumar, AP, Chemistry, Dr.AL.Kavitha, AP, Chemistry, Dr.P.Saravanan, AP, Chemistry, attended

seminar on Solar Fuel Cell source for Carbondioxide Emission Free Environment, 21st January, 2019, E.G.S Pillay Engineering College, Nagapattinam.

- Staff members of Chemistry & Mathematics, attended STTP through ICT-Mode-NBA Accreditation, NITTTR, Kolkata, 22nd to 26th April, 2019.
- Dr.AL.Kavitha, Asso.Prof., Chemistry, Mrs.R.Uma maheswari, AP, Physics, Ms.Jeba Mahil, AP, English, attended STTP-Development of Laboratory Instruction and Manual, NITTTR, Kolkata, 04th to 08, February, 2019.
- Dr.N.Latha, AP, Maths, Mr.S.Ambalatharasu AP, Physics, Dr.P.Saravanan, Asso.Prof., Chemistry, attended "Three day FDP for Student Induction" from 17th to 19th April, 2019, at Arasu Engineering College, Kumbakonam.
- Mr.G.Jeyakrishnan, AP, Mathematics, attended FDP on "Algebra and Number Theory" on 27th to 28th June, 2019 at SRM TRP Engineering College, Trichy.

STUDENTS' FEAT

- G.Latchayasri, S.Aparna, B.Kiruthika, P.Abirami, K.Aiswarya, E.Hariharan, Rathnakumar from ECE and CSE departments participated in workshop on Embedded systems & Internet of Things organized by MHRD'S Innovation Cell, KCE, on 21st February, 2019.
- R.Nandhini, S.Aparna from Civil and CSE departments participated in National Workshop on Biomedical Interventions organized by IEEE STB, on 27th & 28th February, 2019.
- S.Iswarya, N.Nasrin Banu, V.Keerthana, R.Pathmanaban, CSE students participated and E.Hariharan and R.Pathmanaban, CSE students won first and third prize in Nat. Level Tech. Symposium organized by AVC College of Engineering, Mayiladuturai on 1st & 2nd March, 2019.
- 8 Students from ECE and CSE department participated and A.Kaviya from EEE, V.Keerthana, K.Ramya from CSE department got first and second prizes in workshop on Maths Made Easy organized by department of Maths, KCE on 1st March, 2019.
- J.Gayathri, T.R.Dharshini from CSE department and S.Aparna, M.Keerthika from ECE department got first and second prizes in paper presentation organized by KCE on 11th February, 2019.
- G.Deepan, K.Kaviyachelvan, and K.Aiswarya, P.Abirami from ECE and CSE department students got first and second prizes in Mini Project Expo organized by department of Chemistry, KCE, on 16th March, 2019.

DEPARTMENT OF TRAINING AND PLACEMENT

EVENTS ORGANISED

- TAFE on campus recruitment drive was conducted on 08th March, 2019. Mr. Vivekananda Kannan, Regional Manager, TAFE Ltd., was the chief guest.



Mr. Vivekananda Kannan, Regional Manager, TAFE honored by Dr. S. Sivakumar, Head /T&P



Mr. Vivekananda Kannan, during lecture.

Department of Training and Placement organized "Placement Day-2019" to award the offer letters to the students placed in various companies during the academic year 2018-19. More than 200 students have been placed successfully through the On/off Campus placement drives of 15 companies.



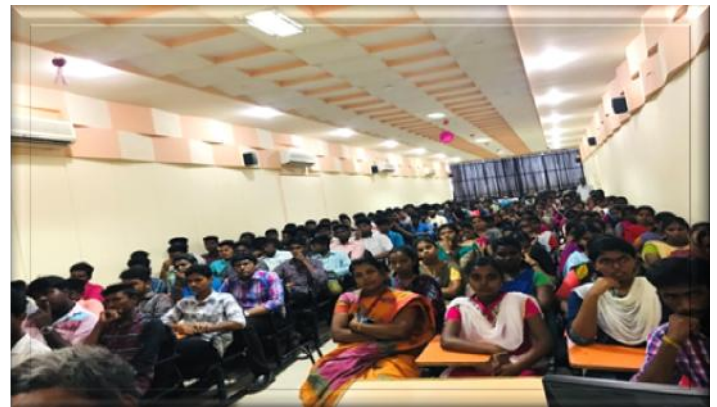


Distribution of Offer letters to the placed students.

- One day Motivational Programme titled “இன்றைய இளைஞர்கள் எதிர்கொள்ளும் சவால்களும்! தீர்வுகளும்!” was organized on 5th October, 2018 for the first year students. Mr. K.Manickavasakam, DSP (Retd.), Chief guest of the programme, gave an excellent motivational speech to the students and he interacted with the students about various issues related to students' community.



Mr. K. Manickavasakam, DSP (Retd), during the speech



A view of the participants

Placement Report 2018-2019

List of Placement Programs Conducted:

S. No.	Date	Name of the Company	Departments Participated	No. of students placed	On/Off Campus
1.	02.11.2018	WIPRO Limited, Chennai	CSE,ECE,EEE & MECH	01	Off Campus
2.	01.12.2018	Surabi Electronic Systems, Chennai	ECE & EEE	03	
3.	08.02.2019	Vee Technologies, Bangalore	CSE,ECE & EEE	02	
4.	23.01.2019	Cognizant, Chennai	CSE,ECE,EEE & MECH	02	
5.	09.03.2019	Flextronics, Chennai	CSE,ECE & EEE	30	On Campus
6.	08.03.2019	Raising Star Mobile India Pvt., Ltd., Chennai	CSE,ECE & EEE	15	
7.	08.03.2019	Satvat Infosol Pvt., Ltd., Chennai	CSE,ECE & EEE	16	
8.	03.03.2019	Wonjin Autoparts India Pvt., Ltd., Chennai	MECHANICAL	20	
9.	25.02.2019	New Tech Industries, Chennai	MECHANICAL	12	
10.	25.02.2019	Mitsuba Sical India Pvt., Ltd., Chennai	ECE & EEE	11	
11.	18.02.2019	CMS IT Services, Trichy	CSE,ECE & EEE	21	
12.	08.03.2019	TAFE – Tractors and Farm Equipment Ltd., Chennai	MECHANICAL	31	
13.	20.03.2019	IDBI Federal Life Insurance Company Ltd., Coimbatore	ALL BRANCHES	23	
14.	20.03.2019	Aqua Pure Plus Pvt., Ltd., Chennai	ECE,EEE & MECH	19	

KINGS @ Media

THE HINDU 18.03.2019 PAGE 2

Graduation day
Kings College of Engineering, Punalkulam, conducted Graduation Day by bestowing honour of granting degrees on parents.
All 219 graduating students received degrees from their parents. J. Arputha Vijaya Selvi, Principal, presented the Graduation Day report.



A candidate receiving degree from her parents during Graduation Day at Kings College of Engineering, Punalkulam. *

THE HINDU 04.02.2019 PAGE 2

CAMPUS CONNECT

Seminar on women's roles held
The Women's Cell of Kings College of Engineering, Punalkulam, organised a seminar on 'Women roles in the society.' C. Susila, Principal (Nursing), Velammal Medical College, motivated the students to strive for access to education for girls, and to bring about employment opportunities and gender equality.

ISTE Newsletter, Vol. 39, No. 1 January, 2019

- Kings College of Engineering, Punalkulam, Thanjavur organised technical seminar on **Special Concrete** by Mr. R. Sundharam, Assistant Professor, Dept. of Civil Engineering on 3-1-2019 for the faculty members of the institution. The chapter also organised **Technical Paper Presentation** on 9-1-2019 and **Technical Quiz Competition** on 30-1-2019



Student actively presenting the papers during the paper presentation.

THE HINDU 12.03.2019 PAGE 5



Kings College of Engineering at Punalkulam near Thanjavur organised a two-day national workshop on 'Biomedical Interventions' recently. Dr.K.Damodaran, Senior Consultant and Interventional Cardiologist, Apollo Hospital, Chennai, inaugurated the workshop. Dr.J.Arputha Vijaya Selvi, Principal, presided. Dr.S.Baskaran, Biomedical Engineer, Gentech Marketing Pvt.Ltd, New Delhi, Dr. Kiran George, Associate Professor, Electronics and Instrumentation Engineering, Annamalai University and Dr. G.Shanthi, Scientist, Manager Preclinical, Microtherapeutics Research Labs, Chennai, spoke.

THE HINDU, 15-16.03.2019, PAGE

PUDUKOTTAI

Kings College of Engineering, Punalkulam: Conference on Emerging trends in advanced computing technologies, Jennifer Bliss, Science, Technology, Engineering and Mathematics Consultant, University of Iowa, chief guest, 10 a.m.

Kings College of Engineering, Punalkulam: Conference on Emerging trends in advanced computing technologies, N.L.Parthasarathy, Scientific Officer-E, IGCAR, Kalpakkam, and K.Baskar, Professor, National Institute of Technology, Tiruchi, speak, 10 a.m.

தினமலர் திருச்சி வியாழன் மசும்பர் 6, 2018



9

கிங்ஸ் பொறியியல் கல்லூரியில் நாளை தினமலர் ஜெயித்துக்காட்டுவோம் நிகழ்ச்சி

தஞ்சாவூர், டி.ச.6-

தினமலர், கிங்ஸ் பொறியியல் கல்லூரி இணைந்து நடத்தும் ஜெயித்துக்காட்டுவோம் என்ற பிளஸ் 2 மாணவ, மாணவிகள் அதிக மதிப்பெண்கள் பெற ஆலோசனைகளை அள்ளித் தரும் நிகழ்ச்சி நாளை 7 ம் தேதி காலை கல்லூரி வளாகத்தில் நடக்கிறது.

தஞ்சை அருகே புனல்குளம் கிங்ஸ் பொறியியல் கல்லூரியின் சோழா அரங்கில் நாளை (7ம் தேதி) காலை 9.30 மணி முதல் 12.30 மணி வரை ஜெயித்துக்காட்டுவோம் நிகழ்ச்சி நடக்கிறது.

தஞ்சை மற்றும் தஞ்சையை சுற்றியுள்ள 100க்கும் அதிகமான பள்ளிகளில் இருந்து பிளஸ் 2 பயிலும் மாணவ, மாணவிகள் நிகழ்ச்சியில் பங்கேற்க உள்ளனர்.

திருச்சி தூய வளனார் தன்னாட்சி கல்லூரியின் முன்னாள் துணை முதல்வர் பேராசிரியர் பாலகிருஷ்ணன், ஜேசிஸ் தேசிய பயிற்சியாளர் முனைவர் சம்பத் ஆகியோர் மர்ணவு, மாணவிகளுக்கு ஆலோசனைகளை வழங்கி பேசுகின்றனர். ஏற்பாடுகளை கிங்ஸ் கல்லூரி நிர்வாகத்தினர் செய்துள்ளனர்.