



KINGS
COLLEGE OF ENGINEERING



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DEPARTMENT OF CIVIL ENGINEERING

EVENTS ORGANIZED

- Department of Civil Engineering organized a one day National Level Technical Symposium "SKYRODEMA 2K19" held on 18th September 2018.



Honouring the Chief Guest



Inaugural Address by Chief Guest in SKYRODEMA 2K19"

- Guest Lecture on "FOUNDATION ENGINEERING" was organized for III year students on 10th September 2018. Mr.M.Senthamizhan, AP/Civil, Alagappa Chettiar College of Engg., & Tech., Karaikudi was the resource person.
- Seminar on "ESTIMATION & QUANTITY SURVEYING" for IV year students was organized on 12th September 2018, Mr. S. Kamaraj, AP/Civil, KCE was the resource person.



Guest lecture by Mr.M.Senthamizhan, AP/Civil



Guest Lecture on "HIGHWAY ENGINEERING" for III year students was organized on 14th September 2018. Mr.S.Vijay Bhaskar, AP/Civil, Saranathan College of Engineering, Trichy, delivered lecture.



STUDENTS' FEAST

- V.Vijay, First Year Civil has participated in Paper Presentation & AUTO CADD in “**BLACK & WHITE 18**” Parisutham Institute of Technology and Science, Thanjavur held on 11th August 2018.

JOURNAL & CONFERENCE PUBLICATIONS

- Mr.M.Mohamed Ilyas Asst. Prof., Civil – National Conference on “**Emerging Trends in Engineering and Technology**” at PITS, Thanjavur held on 30th & 31st August 2018.

FDP, SDP, SEMINAR & WORKSHOP ATTENDED

- Mr.M.Mohamed Ilyas Asst. Prof., Civil & Ms.K.Arun Asst. Prof., Civil, have participated in the Faculty Development Programme on “**Passionate Approaches to Teaching**” at Gnanam School of Business, Thanjavur held on 04th & 05th August 2018
- Mr.M.Mohamed Ilyas Asst. Prof., Civil – National Level Workshop on “**ETABS-MODELLING ANALYSIS AND DESIGN**” at K.S.K College of Engineering & Technology, Kumbakonam held on 04th October 2018
- Mr.K.Arun – National Level Workshop on “**Material Testing and Characterization**” at NIT, Trichy held on 14th & 15th December 2018

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**EVENTS ORGANIZED**

- Ms.K.Abhirami, organized FDP in association with IIT Bombay, spoken Tutorial on various department specific titles on 28.6.2018.
- Ms.K.Abhirami, organized Alumni Interaction session on 06.9.2018. A.Abdul Salam (2017 passed out), Senior Engineer at TCS, Singapore addressed final year students.
- Ms.K.Abhirami, organized “Motivational session by Industry Expert” program on 6.9.2018 for IV year ECE and CSE students. Mr.R.Sathishraj industrialist cum entrepreneur addressed students.
- Ms P.Nalayini, organized a workshop on Web Designing for IV year students held on 25.08.2018.

- Ms.R.Ranitha, organized a guest lecture on Turing Machine in Theory of Computation for III yr held on 23.08.2018.



K.S.Guruprakash M.E (Ph.D) AP / CSE UCE-Thirukkuvilai , gave lecture on Theory of Computation on 23.8.18

- Ms.P.Nalayini, organized a workshop on J2E for II & III year students held on 29.08.2018.



Mr. Sambasivam Sathyamoorthy, delivering a lecture

- Ms.R.Ranitha, organized a guest lecture on AVL tree in Data structures for II yr students held on 25.08.2018.
- Mr. R. SriramKumar & Mr. M. Arun, organized a one day workshop on IOT using Arduino and Raspberry PI” on 5.10.2018.
- IEI Student Chapter event “Connection” was organized by S.Puvaneswari, for IV yr students on 14.07.18.
- IEI Student Chapter event “TECHNICAL QUIZ” was organized by Ms.S.Puvaneswari, for IV yr students

on 11.08.18.



Dr.S.Senthil Kumar, Assoc. Prof, Dept of CSE, UCE-PKT delivering a lecture

- Orientation program for II yr students was organized by Ms.S.Puvaneswari, on 02.07.18.
- IIT Bombay spoken tutorial classes on Linux, Latex for II yr and IV yr students was conducted by Ms.K.Abhirami and Ms.R.Suganthalakshmi.
- One day symposium CISABZ'18 was organized by Ms.R.Ranitha and Mr.S.Rajarajan on 18.09.2018.



From left: Mr.S.Rajarajan, Symposium Coordinator, Mr.Anand Sivagnanam, Chief Guest, Dr.S.M.Uma HOD/CSE, Ms.R.Ranitha, Symposium Coordinator.

STUDENTS' FEAT

- B.Keerthana has participated and presented a paper on , "Server load prediction using stream mining" in the Code 2k18", A National Level Technical Symposium held on 1st October 2018 at

St.Joseph's College Of Engineering And Technology

- K.Priyadharshini, A.Nancy Priya and N.Deepa have participated and presented a paper on "Generating Query Facets using Knowledge Base" in the code 2k18, A National Level Technical Symposium held on 1st October 2018 at St.Joseph's College of Engineering and Technology, Thanjavur.
- A.Anantha Padma Priya has participated and presented a paper on "Green Computing" in the CODE 2k18, and also participated in "TECH PIC" and "QUIZ", in the National Level Technical Symposium held on 1st October 2018 at St.Joseph's College of Engg., & Tech., Thanjavur.
- M.S. Rakshnah Begum and M.Sameena Fargiz have participated in the events "TECH PIC", "ROBOTICS" and "QUIZ" in the code 2k18, A National Level Technical Symposium held on 1st October 2018 at St.Joseph's College Of Engineering And Technology.
- P.Karthika has participated in the National Seminar on "Aero Engines and Air Frames" on the 28th September 2018, organized by R&D Section, KCE.
- M.S. Rakshanah Begum, V.Saranya, G.Selvarani, P.Suryapriya and M.Sameena Farjaiz have participated in Technical Symposium held on 12th October 2018 at Periyar Maniammai Institute of Science and Technology, Vallam, Thanjavur.
- J.D.Festus Devapriyan has won 1st in the event of "Debugging", S.Mohan Kumar has won 2nd in the event of "Web Designing" and won 3rd in the event of "Debugging" in the National Level Technical Symposium at Annai College of Engineering and Technology, Kumbakonam on 28th Sep 2018.
- B.Shiyamala, P.Swarna Prabaa and V.Vipoosh have presented a paper in a two day National Conference on "Emerging Trends in Engineering and Technology" organized by PITS on 30th and 31st AUG 2018.

- R.Rahul and V.Bala Chandar have participated in poster designing conducted by Department of CSE at "Black and White 18" Tech Fest conducted at PITS on 10th August and 11th August, 2018.
- R.Rahul, S.Mohan Kumar, G.Chakkaravarthi have participated in Project Presentation at PITS, Thanjavur held on 30.08.2018.
- N.Bharathvaj, K.Edwinraj, M.Sameena Farjiz, M.S.Rakshnah Begum, A.Anantha Padmapriya presented papers in the symposium organized by St.Josephs College of Engineering held on 1.10.18.

JOURNAL & CONFERENCE PUBLICATIONS

- Ms.K.Abhirami, 'Design and implementation of smart sensor Integrated chair for Medical Diagnosis', IJTSRD, Vol-3, ISS-1, Nov-Dec'18.

FDP, SDP, SEMINAR & WORKSHOP ATTENDED

- Dr.S.M.Uma, M/s.K.Abhirami, R.Ranitha, P.Nalayini, R.Suganthalakshmi, B.Sangeetha, Mr.S.Rajarajan, S.Puvaneswari and Dr.D.Sivakumar, have attended one day workshop on **IOT using Arduino and Raspberry PI** on 5.10.2018 at Kings College of Engineering.
- Ms.R.Ranitha, Asst. Prof., attended one day seminar on "**Aero engines and air frames**" at KCE on 28.9.18.
- All faculty members have completed IIT Bombay spoken tutorial project Certificate on "**Python Programming**" on 29.6.2018.
- Ms.R.Ranitha and Ms.G.Chandrapraba, attended two Weeks FDTP on **Mobile Computing** from 3.12.2018 - 14.12.2018 at University College of Engineering. PKT campus.
- Ms.S.Puvaneswari, attended 3 days FDP on **Universal Human Values** from 20.8.2018-22.8.2018 at Saranathan College of Engineering, Trichy.
- Ms. S.Puvaneswari Asst. Prof., attended one day workshop on IOT using Arduino and Raspberry PI on 5.10.2018 at Kings college of Engineering.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING EVENTS ORGANIZED

- Mr. P. Raja Pirian AP/ECE and Mr. W. Newton David Raj AP/ECE have organized a one day workshop on **Web application development 25.08.2018**. **Mr. Mathiyarasan, Infoview, Chennai** delivered a lecture. 25 students have participated in this program.



**Chief Guest Address by Mr. Mathiyarasan,
S/W Engineer, IVTL**



Hands on session by Chief Guest at DSP lab

- Mr. R. Sathyaraj AP/ECE has organized a **one day technical symposium on 21.09.2018**. Dr.A. Amirtha rajan, Professor, SASTRA University, Thanjavur delivered a special Address. Nearly 200 students were participated in this program.



- Mr.S.Sivakumar AP/ECE has organized a Intra Department Paper Presentation on **“Recent trends in Electronics and Communication Engineering”** on 10.09.2018. Dr. T. Shanthi, Associate Professor acted as jury and delivered special address.



View of Participants for Intra Department Paper Presentation

- Mr. R. Thandayuthapani AP/ECE has organized a **one day Mini Project Expo** on **20.09.2018**. Dr. A. Amirtha rajan, Professor, SASTRA University, Thanjavur was the jury. Nearly 25 Batches have participated in this project Expo.
- **“Communication Engineering” under ISTE Students chapter** on **11.08.2018**. Mrs.P.Geetha bai AP/ECE acted as jury. Nearly 30 students were participated in this program
- Mr.T.Pasupathi, AP/ECE and Mr.S.Sivakumar AP/ECE conducted Bridge course on **Introduction to Real Time Embedded Systems and its Applications** for IV year ECE students on

02.07.2018. 91 students got benefited.



- Mr. P. Raja Pirian AP/ECE and Mrs. P. Geethabai AP/ECE have conducted **Bridge course on Trends in Communication Engineering & Analog communication Systems** for III year ECE students on **02.07.2018**. 56 students were benefited by this program.
- Mr. R. Thandayuthapani AP/ECE and Mr.K.Sudarsanan AP/ECE have conducted **Bridge course on Evaluation of Microprocessor & Introduction to ALP using 8085** for III year ECE students on **02.07.2018**. 56 students were benefited by this program.
- Mrs. R. Ponni AP/ECE has conducted a **Bridge course on Background Concepts of Optical Communication Systems & New Developments in High-speed Optical Networking** for IV year ECE students on **02.07.2018**. 91 students were benefited by this program.

CONFERENCE/FDP/WORKSHOP ATTENDED BY FACULTIES

- Dr.T.Shanthi AP/ECE and 5 ECE Staff members have participated in the One day workshop on IOT using Arduino & Raspberry Pi at Kings College of Engineering on 05.10.18.
- Mr. S. Ramarajan and Mr. A. Herald, AP/ECE have participated in the 5 days workshop on **“Exchange of knowledge on robotics and automation in fisheries and aquaculture”** at Sona College of technology, Salem sponsored by DST during 04.12.2018 – 08.12.2018 .

- Mr. R. Balakrishnan and Mr. R. Thandayuthapani, AP/ECE have participated in the One day FDP on faculty knowledge sharing program at IBS, Trichy on 25.08.2018.
- Mr. S. Sivakumar AP/ECE has participated in the three days FDP on Students Induction Program at Saranathan College of Engineering, Trichy on 20.08.18 – 22.08.18.

CONFERENCE/FDP/WORKSHOP ATTENDED BY STUDENTS

- M.Ezhilarasi, K.Rajalakshmi, B. Melvin Charles of II ECE students have participated in the Poem Competition Organized by Unavuporul Vazhangal Matrum Nugarvor Padhukappu thurai on 06.07.2018
- R. Shanmugapriya, R. Vinitha, C. Subashini, T. Swetha of IV ECE and U. K. Vithyasri, K. Priyadharshini of III ECE have participated in the paper presentation under ISTE Students Chapter Organized by KCE on 11.08.2018.
- V. Sasirekha of III ECE has participated in at Kongunadu college of Engineering, Namakkal on 18.08.18.
- S.Dhanasekaran & 6 Students of III ECE and S.Hemamalini, & 6 Students of II ECE have participated in the Intra Department Paper presentation at KCE on 10.09.2018.
- J.Deepika, & 4 Students of II year M.E. VLSI Design and S.Ashiga, & 26 Students of IV ECE and K.Akalya & 10 Students of III ECE participated in the one day workshop on “Lab view Graphical Development – Hands on Training” at KCE on 12.09.2018.
- M.Ajay, & 5 Students of IV ECE and S.Hemamalini, M.Veeralakshmi of II ECE have participated in two day workshop on “Hands on Training in embedded system using ARM Cortex Series Controllers” at K.S.K. College of Engineering and technology, Kumbakonam, during 26.09.2018-27.09.2018.

STAFF PUBLICATION DETAILS IN JOURNALS:

- Mrs. R. Ponni AP/ECE has published a Paper entitled “Revelation of Cancer Cells based on Microscopic Images in Blood Sample” in International Journal of Engineering Research & Technology (IJERT, Volume 06, issue 14, Special Issue 2018, ISSN:2278-0181, November 2018).

PROPOSALS SUBMITTED AND GRANTS RECEIVED:

- Ms. S. Sheebha, II Yr PG, Mr.T.Jeyaseelan AP/ECE submitted a Proposal on **VLSI implementation on automated monitoring and detection for TONSILLITIS by image processing to TNSCST on 31.08.18** and Rs. 7500/- was sanctioned.
- Ms. L.Mowli, Ms. K.Jaishree of IV ECE and Mrs. R. Ponni AP/ECE have submitted a proposal titled R3-Menstrual kit to TNSCST on 31.08.18 and Rs. 7500/- was sanctioned as generated.

DISTINGUISHED ALUMNI’S VISITED:

- Ms. Rubika working as consultant at **Robert Bosch** and delivered a guest lecture on **Embedded system applications in Automobiles.**
- Mr. A. Kanagaraj, Associate consultant at SIEMENS technically demonstrated- “Android mobile based Diabetic Point of care (POC)” test.
- Mr.Jagadeeshkumar from **NAVILS software’s, Chennai** conducted workshop on JAVA programming.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

EVENTS ORGANIZED

- Mr. J. Arokiya Raj, AP/EEE organized the event Shot Gun (Quiz) under ISTE student chapter.
- One Day workshop on “Intelligent Devices Applications in Electrical Engineering “on 31.08.2018. Mr.M.Vijayakumar, Asso. Prof/EEE, E.G.S.Pillay Engineering College, Nagapattinam was the resource person.



ISTE Event organized Mr.J.Arockiya Raj AP/EEE



Delivering a technical talk by our Resource Person

- One Day Workshop on “**Advanced Industrial Robotics and Automation**” on 22.02.2019.



Resource person demonstrating PLC Kit during Practical Session



- National Level Technical Symposium - ENIGMA'18 was organized on 20.09.2017. Mr.N.Anbzhagan, Asst Engineer, PWD (Electrical Section), Nagai.



- Workshop on Solar Energy Scenario in India was organized on 25.08.2018. Dr. S. Sivakumar, Vice Principal, KCE was the resource person.
- Industrial Controllers was organized on 10.08.18. Er.A.Amirthaganesh, Armada Industrial Automation, Thanjavur was the resource person.
- Er.K.Sukumar, Maintenance & Service Engineer, BHEL, Trichy delivered an awareness talk on Opportunities of Electrical Engineers in Government Sector on 20.09.2018.
- ISTE Student chapter organized technical events Cross Word and Technical Quiz on 09.08.2018, 17 (ISTE Members) participated.

CONFERENCE/FDP/WORKSHOP ATTENDED BY STUDENTS

- M.Brindha, K.Muthumeena and R.Santhoshsami, attended the workshop on “SYSTAT, Waste & Energy Audit” organized by Sathyabama Institute

of Science & Technology, Chennai during 05.09.2018 to 07.09.2018.

- R.Pavithra, R.Sakthisridevi and M.Rasika attended the workshop on "Arduino Programming with Hands on Training", organized by K.S.K College of Engineering and Technology on 31.08.2018.
- P.Gopinath, K.Prabakaran and R.Divya Bharath, attended the workshop on "Intelligent Devices Applications in Electrical Engineering" organized by KCE on 31.08.2018.
- K.Prabakaran attended National seminar on "Aero Engines and Air Frames", organized by R&D, KCE on 28.09.2018.

CONFERENCE/FDP/WORKSHOP ATTENDED BY FACULTIES

- Dr.S.Sivakumar, attended the IEEE-MINI POCO 2018, organized by IEEE Madras Section at Hotel Heritage, Madurai, on 15.09.2018.
- Mr.M.Mayapandi, attended the National Seminar on "Aero Engines and Air Frames" organized by R&D, KCE on 28.09.2018.
- Mr.M.Mayapandi, one day workshop on "IOT using Arduino and Raspberry pi" organized by KCE on 05.10.2018.
- Mr.S.Sakthivel, Two Days workshop on "Passionate Approaches to Teaching" organized by Gnanam School of Business on 04.08.2018 & 05.08.2018.

AWARDS

- Paper presented by R.Akash, P.Ganeshkumar and M.Suriyaprakash in the National Conference on Emerging Trends in Engineering and Technology by Parisutham Institute of Technology & Science, Thanjavur during 30.08.2018 & 31.08.2018 won the Best paper Award.

PARTICIPATION IN CONFERENCE

- K.Harini, P.Victoriya and D.Kalayarasi, IOT Based on Machine Vibration & Temperature Control, National conference on Emerging Trends in Engineering and Technology, Parisutham Institute of technology & Science, Thanjavur during 30.08.2018 & 31.08.2018
- S.Akilandeswari and S.Sheela, Presented a paper on IOT Based on Wireless Power Transmission, National conference on Emerging Trends in Engineering and Technology, at Parisutham

Institute of Technology & Science, Thanjavur during 30.08.2018 & 31.08.2018

- R.Baranika, T.Akalya and R.Shanthi, Presented a paper on Wireless Laser Power Transmission: A Review of Recent Progress, National Conference on Emerging Trends in Engineering and Technology, at Parisutham Institute of technology & Science, Thanjavur during 30.08.2018 & 31.08.2018.
- M.Brindha, K.Muthumeena and R.Santhoshsami Presented a paper on Smart Clean, International conference on Waste, Energy and Environment, at Sathyabama Institute of Science and Technology, Chennai during 05.09.2018 - 07.09.2018.

Staff Journal Publication

- Ms.N.Rajeswari published a paper titled "Scheduling of appliances in a home energy management system using ant colony optimization technique" in International Journal of Research And Analytical Reviews, pg no:94 E-ISSN 2348-1269
- Mr.C.Balaji published a paper titled Wireless Laser Power Transmission: A Review of Recent Progress in IJERT – Special Issue 2018, pg.397-409, ISSN: 2278-0181
- Mr.M.Mayapandi published a paper titled IOT Based on Wireless Power Transmission in IJERT – Special Issue 2018, ISSN: 2278-0181.

PROPOSALS SUBMITTED (STAFF & STUDENTS)

- S.Sheela, D.Kalaiyarasi and K.Harini under guidance of Dr.A.Albert Martin Ruban, submitted a proposal titled "Monitoring & Controlling of Earthworm Breeding using Sensors requesting GIA of Rs: 10,000
- R.Karthikeyan, P.Ramkumar and R.Rajadurai under guidance of Mr.R.Sundaramoorthi, submitted a proposal titled "Solar Powered & Management Systems for Automatic Water Pumping in Agricultural" requesting a GIA of Rs.10,000
- T.Akalya, R.Baranika and R.Shanthi, under guidance of Mr.C.Balaji, AP/EEE, submitted a proposal titled "Wireless Laser Power Transmission" requesting a GIA of Rs: 10,000.
- S.Mohanraj, M.Veeramani and B.Rohinth, under guidance of Mr.S.R.Karthikeyan AP/EEE, submitted a proposal titled "Farm Water Pump

Based on Solar Power & Monitoring by IOT System" requesting a GIA of Rs: 10,000

- K.Muthumeena, M.Brindha, R.Kayalvizhi and S.Sowmiya under guidance of Mrs.A.Prabha, AP/EEE, submitted a proposal titled "LiFi in Hospital Monitoring, requesting a GIA of Rs.10,000.
- S.Akilandeshwari, E.Elakkiya and P.Victoriya, under guidance of Mr.M.Mayapandi, AP/EEE submitted a proposal titled "Machine Vibration & Control Based on IOT" requesting a GIA of Rs.10,000.
- K.Divya, S.Dheerthi and N.Nalini, under the guidance of Mr.S.Sakthivel, AP/EEE submitted a proposal titled "Agriculture Based Automation Ploughing, Seeding using solar power" requesting a GIA of Rs.10,000.
- Mr.R.Sundaramoorthi, is nominated as President of IIC, formed as per the directions MHRD. Certificate of appreciation is received from AICTE, MHRD for establishment of IIC.
- Mr.R.Sundaramoorthy, delivered a Guest Lecture on Control Theory and Its Application in Electrical Engineering at Mahath Amma Institute of Engineering and Technology, Chennai.

DEPARTMENT OF MECHANICAL ENGINEERING

EVENTS ORGANIZED

- National level technical symposium **MEUS 2K18** was organized on 19th September, 2018. Er.K.Sriram Prakash, Senior Engineer, Boiler Production, BHEL, Trichy, was the chief guest and delivered special address.



- A Seminar, "Welding and its opportunities", was organized on 24/07/2018, Mr.Madhan, Proprietor, JSW Institute, Thanjavur was the resource person.
- A Lecture on "Emerging trends in CAD Technologies" was organized on 25/08/2018, Mrs.Sharmila, CAD Center, Thanjavur was the resource person.
- A Seminar on "Non- Destructive Testing" was organized on 15/09/2018, Mr.M.Kavinraj, Teta, Trichy was the resource person.

Participation in events (Staff)

- Mr.M.Melwin & Mr.J.Sridhar, participated in Faculty Knowledge Sharing Program on 25/08/2018 organized by IBS Business School, Chennai.
- G.Alex Raja and R.R.Pravin, participated in CONFCALL'18 organized by Parisutham Institute of Technology & Science, Thanjavur on 30/08/2018.

Staff Publications in conference

- Mr.J.Rajaparthiban, presented a paper titled 'Investigation on effect of machining parameters using TGRA approach for AISI 316 steel' in the conference organized by Amrita School of Engineering, Bengaluru on 16/08/2018.
- Mr.P.P.Shantharaman and Mr.M.Prabhakar, "Multi objective optimization of cold upsetting parameters for Aluminium metal matrix composites", Transactions of Indian institute of metals, vol.71, No.4, pp.909-914
- Mr.J.Rajaparthiban, "Experimental investigation on machining of titanium alloy (Ti 6Al 4V) and optimization of its parameters using ANN", MECHANIKA, vol.24, No.4, pp.449-455
- Mr.J.Rajaparthiban, "Application of the grey based taguchi method and deform-3D for optimizing multiple responses in turning of Inconel 718", Materials testing, vol.60, No.9, pp.907-912.

List of Publication

- **P.P. Shantharaman and M. Prabhakar**, 2018, 'Multi-objective Optimization of Cold Upsetting Parameters for Aluminium Metal Matrix Composites', Transactions of the Indian Institute of Metals, Vol. 71, No. 4, pp. 909-914.

- **Mr.J. Rajaparthiban and Mr. A. Naveen Sait**, 2018, 'Experimental Investigation on Machining of Titanium Alloy (Ti 6Al 4V) and Optimization of its Parameters using ANN', MECHANIKA, Vol. 24, No. 4, pp. 449-455.
- **Mr.J. Rajaparthiban and Mr.A. Naveen Sait**, 2018, 'Application of the grey based Taguchi method and Deform-3D for optimizing multiple responses in turning of Inconel 718', Materials Testing, Vol. 60, No. 9, pp. 907-912.

International Conferences

- **Mr.J. Rajaparthiban**, August 2018, "Investigation on effect of machining parameters using TGRA approach for AISI 316 steel" International conference on Advances in material and Manufacturing Applications (ICONAMMA 2018).
- **Mr.J. Rajaparthiban, Mr.B. Adhichelvan, and Mr.N.Magesh**, March 2018, "Experimental investigation of cutting parameters influence on tool wear and surface roughness in turning of EN31 steel using carbide insert in CNC turning center", International conference on Newer Engineering concepts and Technology (ICONNECT2K18).
- **Mr.H. Agilan, Mr.S.Rajesh Kumar, and Mr.R.Arun**, March 2018 "Automotive application and mechanical property characterization of Sisal fiber reinforced epoxy composite material", International conference on Newer Engineering concepts and Technology (ICONNECT2K18).

DEPARTMENT OF SCIENCE AND HUMANITIES

Staff publications

- **Dr.AL.Kavitha**, "Development of coloured emulsion paints with IR Resistant Coatings over Asbestos Sheet, Advanced Material Applications", Vol.1, 2018, pp.9-12.

Staff achievement

- **Dr.G.Ramya Arockiamary** - AP II, Department of Mathematics, received her Ph.D degree on "A

study on Mathematical model for various types of cancer treatments", June 2018.

Papers presented

- **Dr. V. Suresh Kumar**, "A Study on Homocysteine status Myocardial infection among Tamilians", National conference on 02.08.18, Jeppiaar SRR Engineering College, Padur, Chennai.
- **Dr.S.Udayakumar**, "Thermal studies on Transition metal ion doped ZnO nanoparticles by simple chemical precipitation method", National conference on 02.08.18, Jeppiaar SRR Engineering College, Padur, Chennai.
- **Dr.P.Saravanan**, "Effect of Chitosan and mordants on Dyeability of silk fabrics with natural dye from barks of odinawodier", National conference on 02.08.18, Jeppiaar SRR Engineering College, Padur, Chennai.
- **Dr.AL.Kavitha**, "Low cost of Coloured Emulsion Paints with IR Resistant Coatings over Asbestos Sheets, National seminar on 6-7th Sep 2018, N.S.S Hindu College, Changanacherry.
- **Dr.AL.Kavitha**, "Synthesis and Characterization of Antiscalants for Cooling Water Applications", International Conference on 19.12. 2018, Jamal Mohamed College, Trichy.
- **Dr.AL.Kavitha**, AP/Chemistry, delivered a lecture on "Development of IR Coatings in Asbestos Sheet", in the Staff Seminar organized by ISTE Staff Chapter, KCE on 26.10.18.

Seminars Attended

- **Dr.V.Suresh Kumar**, Asso. Prof/ Chemistry, attended AICTE sponsored Short Term Course during 02.09.2018-07.09.2018, IIT, Madras.
- **Dr.AL.Kavitha**, AP/Chemistry, participated in the National Seminar on Aero Engines & Air Frames organized by KCE on 28.09.2018.
- **Ms.Jeba Mahil**, AP/English, participated in the one day National Workshop on "Employability and Workplace Navigation Skills" organized by VIT, Chennai on 22.10.2018.
- **Mr.S.Ambalatharasu**, AP/Physics, attended "One day orientation & PFMS Programme for Programme officers on 26.10.2018 at Trichy.

Programme attended by students

- S.K.Naveen, S.Vishnuvarma, S.Nandha Kishore, and B.Gunaseelan from Mechanical and Computer science department participated in Swachh Bharat-Quiz Competition on 24.10.2018 organized by Govt. of India, Nehru Yuva Kendra & District Rural Development Agency, Pudukkottai.

Events Organized

- World Consumer Day Celebration-2018 was held on 06.07.2018 at 10.00 am in H.H.Rajah's College, Pudukkottai. With a view to celebrate this function, competitions like Poem Writing, Essay Writing and Drawing were organized by Citizen Consumer Club of our college upon the instruction given by District Supply Office, Pudukkottai District.



12.30 p.m. by Red Ribbon Club. Mr. K. M. Ramasamy, a Positive Speaker (AIDS Affected Person), who is also the President, HIV Positive Network, Pudukkottai, interacted with the RRC volunteers.



- Youth Red Cross of our college conducted a Dengue awareness Programme on 10.10.2018 in association with the Primary Health Center, Puhunagar, Pudukkottai.



- Swachh Bharat Summer Internship Programme was organized by the NSS units on 13th July 2018, at our college premises.
- An Interactive Session on HIV-AIDS was organized for the second and third year RRC volunteers on 28.07.2018 between 10.00 a.m. and



- “Nilavembu Concoction” was organized by National Service Scheme for all students and staffs on 15.10.2018 of our college with the help of Government hospital, Pudukkottai.



- Blood Donation Camp was organized by Youth Red Cross (YRC) of our college on 10.11.18 at 10am in Physics Lab in association with Thanjavur Medical College Hospital, Thanjavur.



ISTE STUDENT CHAPTER

Students' skill development programmes were conducted through ISTE-STUDENT chapter. The details are given below

- The ISTE Student Chapter, Kings College of Engineering, organized a competition on Crossword on 11.7.18 for the ISTE student members of Civil Department. 16 students participated.



- The ISTE Student Chapter, Kings College of Engineering, organized a competition on Monoacting on 28.7.18 for the ISTE student members of CSE Department. 08 students participated.



- The ISTE Student Chapter, KCE organized a competition on Paper Presentation on 11.08.2018 for the ISTE student members of Electronics and Communication Engineering Department. 10 students participated.
- The ISTE Student Chapter, KCE, organized a Quiz Competition on 30.08.18 for the ISTE student members of EEE Department. 22 students participated.
- The ISTE Student Chapter, Kings College of Engineering, organized a competition on Puzzles on 12.9.18 between 2.40pm - 3.25pm for the ISTE student members of Mechanical Department. 10 students participated.



ISTE STAFF CHAPTER

Staff seminars are conducted through ISTE-STAFF chapter twice in a month. Programme organized during July to October, 2018 are summarized below

- Modern Construction Materials - THERMOCRETE, by Mr.M.Manimuhilan, AP / CIVIL on 05.07.18. 21 staff members participated.
- Web Designing and Hosting Website, by Mr.R.Sriramkumar, AP / CSE on 19.07.18. 18 staff members participated.
- Recent Trends in Communication Engineering Mobile Communication by Ms.P.Geethabai, AP / ECE on 02.08.18. 24 staff members participated.
- Electrical Safety, by Mr.M.Mayapandi, AP / EEE, 30.08.18, 20 staff members participated
- Solar Energy, by Mr.G.Mathivanan, AP / MECH, on 06.09.18. 20 staff members participated
- Development of IR Coatings in Asbestos Sheet, Dr.AL.Kavitha, AP / Chemistry on 26.10.18. 22 staff members participated.



The following activities are organized as part of the seminar.

- MONOACTING was organized on 5.7.18. Mr.H. Agilan AP/MECH & Mr. S. Karikalan AP/MECH secured I position and Mr.S. Ramarajan AP/ECE & Mr. T. Pasupathi AP/ECE secured second position.
- WORD COOKIES was organized on 19.07.2018. Mrs.S. Revathi AP/Mathematics, Mrs.R.Ranitha AP/CSE, Mr. K. Rajesh AP/CSE and Mr. S. Rajarajan AP/CSE secured first position.
- CROSSWORD was organized on 2.8.18. Mr.K. Arun AP/CIVIL & Mr. M. Manimuhilan AP/CIVIL secured first position and Mrs. R. Ponni AP/ECE & Mrs. D. Vennila AP/ECE secured second position.
- MONOACTING was organized on 30.8.18. Mr. M. Mayapandi AP/EEE & Mr. S.R. Karthikeyan AP/EEE secured first position.
- QUIZ COMPETITION was organized on 6.9.18. Mr.C.Balaji AP/EEE & Mr.R.Sundaramoorthi AP/EEE and Mr. K. Arun AP/CIVIL & Mr. R. Sundharam AP/CIVIL.



Staff members participating in Mono-acting Competition



Staff members actively participating in Crossword Competition



Distributing Prizes

Prize Distribution Function

The ISTE Staff Chapter, Kings College of Engineering, organized a prize distribution function on 26.10.2018 between 4.00pm and 4.30pm. Our Principal distributes the awards to the resource persons of various seminars and winners of various competitions which were conducted by this chapter. The Principal appreciates the coordinators of the chapter, resource persons and prize winners