

SCHOOL OF ARCHITECTURE

Student Achievements

Albert Jose, Rinsha M.G. and Sufine Gazeeb won citations in the YAF Design Contest on Icon design for Kochi held at Bolgatty Palace, Kochi.

Student Site Visits

S4 students documented 'Varikkasseri Mana' at Palakkad as a prototype of Traditional Kerala residence. They also visited and documented the geographical aspects of the class project site at Kumbidi in Palakkad. S6 students conducted case studies of the following hospitals as part of Architectural Design – MIMS, Calicut, Lakeshore, Ernakulam, Aster Medicity, Cochin. They also visited the site at Tirur.

S8 students conducted study on tribal settlements at Chakadi, Pakkom (Wayanad) and Attapadi. The tribal settlements were documented for proposing a housing scheme as part of the

MATHEMATICS

Faculty Development Programmes Attended

Jameela Beevi U.S, HOD, Sameer Poongadan and Mohammed Basheer Poongadan, Asst. Professors attended a National Seminar on Fourier Series Analysis from 12th to 13th February at PSMO

IEEE ACTIVITIES

Spectrum Talk

Abdulla Amar of S8 AEI delivered a Spectrum Talk on 'Fuzzy Logic in Automatic Driving' in February.

IEEE Newsletter

The Annual Issue of IEEE Student Branch, MESCE Newsletter was released in February.

Talk and Panel Discussion on Single Parenting

The IEEE Women in Engineering (WIE) in association with Women Development Cell (WDC) conducted a talk and panel discussion on

SPORTS AND GAMES

Calicut University Private Engineering Colleges Volleyball Championship

Calicut University Private Engineering Colleges FloodLit Volleyball Championship was held at MESCE from 27th to 28th March. Prof. C P Muhammed, HOD, ME inaugurated the tournament. 17 Engineering Colleges under Calicut University participated in the mega event. Royal Engineering College, Akkikavu won the Championship.

Faculty Achievement

Sunil Kumar P P, HOD of Physical Education Department participated as a referee in volleyball in the 35th National Games organised by State Govt. of Kerala.

Valsala K of Physical Education Department was selected as Grade I referee at Bannari Amman Institute of Technology, Erode.

TRAINING AND PLACEMENT(T&P)

Campus Recruitment

Hashir Abdulla P S, Yaser Ali V P (both S7 CSE) and Siyana Sakkir T P M (S7 ECE) were placed in Qburst Software Solutions Pvt. Ltd on 5th March. Coding, Web Designing and IT Quiz Competitions.

T&P Cell conducted competitions in Coding, Web Designing and IT Quiz in association with Netshell on 19th February. Dr V H Abdul Salam, Principal, Dr Muhammad Bedeuzaman, Vice Principal and Prof Mredhula L, HOD, CSE distributed the prizes for winners. The winners were IT Quiz - Rajeel K P (S6 CSE), Web Designing - Yaser Ali (S8 CSE), Coding - Sabeer (S4 CSE).

Industry Institution Interaction Programmes

IBPS-SBI Clerical online examination was conducted on 14th and 15th February. ICAI-CAT online examination was conducted on 22nd February.

NIC AO online examination was conducted on 4th April. JEE online examination was conducted on 10th and 11th April.

NIC Assistance online examination was conducted on 26th April.

Architectural Design Studio.

Faculty Joined

Dibini Amal joined as Asst Professor in M E S school of Architecture.

Paper Publications By Faculty

Dr. Prasanna T K published a paper titled 'Evaluation of Creativity in Learning Process – An Experiment with Clay' in the April 2015 issue of 'Architecture - Time, Space and People'.

Faculty Development Programmes Attended

Anjali C, Haritha C and Induja V, Asst Professors attended the 361st conference held at Nehru Centre, Worli on 3rd, 4th and 5th March. Vinod C P and Surekha K C, Asst Professors attended the Z axis conference held at Goa by Charles Correa Foundation on 20th, 21st and 22nd March.

College, Thirurangadi. Abdul Rasheed K V and Mithun Kumar B.M, Asst. Professors attended a workshop on Distribution Theory organised by the Department of Statistics, University of Calicut on 3rd March.

'Virtues and Plights of Single Parenting' on 17th March. The programme discussed the positive and negative impacts of being a single parent. Dr Qamarunnisa Anwar, Chairperson of Social Welfare Board Kerala and Secretary of All India MES Women's Wing delivered the inaugural talk. Dr Mohammed Bedeuzaman, Vice Principal anchored the panel discussion.

Workshop on Pspice

IEEE Student Branch, MESCE organised a workshop on 'Pspice' in the EEE Lab. Dr K M Moideen Kutty, HOD, EEE inaugurated the workshop. More than 20 students attended the workshop.



The Volleyball match in Progress Between MESCE, Kuttippuram and KMCT, Calicut



SPRING TIMES

2015
FEB | MAR | APR



Volume 8 Issue 2

A QUARTERLY NEWS LETTER FROM MES COLLEGE OF ENGINEERING

MESTECH 2015-NATIONAL LEVEL TECHNO-CULTURAL FESTIVAL

The National Level Annual Techno-Cultural Festival MESTECH 2015 was organised by the Engineering Departments of MESCE from 27th February to 1st March. Dr M Abdul Salam, Vice Chancellor, University of Calicut inaugurated the Fest. The inaugural function was presided over by Prof P O J Lebba, General Secretary, MES. Dr V H Abdul Salam, Principal, MESCE welcomed the gathering. Dr K P Mohammed, Director, MESCE, Dr Mohammed Badeezaman, Vice Principal, MESCE and Tariq Ahammed, Covener, MESTECH delivered felicitations. Abdul Khader Jaleel, Student Convener, MESTECH delivered the vote of thanks. The inaugural ceremony was followed by cultural programmes conducted by the students of MESCE.

More than 100 Technical Events, Expos, Cultural Programmes and Games were conducted in the Technical Festival on 28th February and 1st March.



Dr M Abdul Salam, Vice Chancellor, University of Calicut delivering the Inaugural Address



Prof P O J Lebba, General Secretary, MES presenting a memento to Dr M Abdul Salam, Vice Chancellor, University of Calicut

MES COLLEGE OF ENGINEERING, KUTTIPPURAM

Thrikkanapuram P.O., Malappuram Dt., Kerala - 679 573

Approved by AICTE, Affiliated to Calicut University

(An ISO 9001-2008 Certified Institution with NBA Accredited Departments)

Visit us at : [http:// www.mesce.ac.in](http://www.mesce.ac.in)



Editorial Board: Prof. (Dr.) K P Mohammed (Director), Prof. (Dr.) V H Abdul Salam (Principal), Vasudevan T V (Asst. Prof, MCA), Mumtaz Thampi (Language Lab)



Aaron Twite,
Free Style Bike Stunter Performing



Musical Nite



Avtar Inspired Semi Robotic
Machine Designed by Students
of Mechanical Engineering

MESTECH EVENTS

Auto Expo



Paper Presentations By Faculty

Shiju Kumar P. S, Asst. Prof, presented a paper on "Security Enhancements of AODV Routing Protocol in MANET:- A Survey" in the International Conference on Recent Research in Computer Engineering and its Applications 2015 hosted by Vedavyasa Institute of Technology, Malappuram on 25th April.

Paper Publications By Faculty

A research paper titled "A review on Image Forgery and its Applications" authored by Arun Anoop M, Assistant Professor was published in the International Journal of Computing and Technology IJCAT- 2015, Volume 2, Issue 5, page no. 139-149, ISSN- 2348-6090.

Faculty as Resource Person

Dr. Govindaraj E, Asso. Professor chaired two sessions in the National Conference on "Recent Advances in Computer Science" organised by Jyothi Engineering College, Thrissur on 9th April. He also chaired two sessions in the "International Conference on Emerging Trends in Engineering and Technology, ICetec- 2015" organised by Thejus Engineering College, Thrissur on 23rd April.

INFORMATION TECHNOLOGY (IT)

Student Achievements

Ms. Ashitta T Jia was declared the Topper in B Tech (Information Technology) during 2010-2014 by University of Calicut.

Student Development Programmes

Final year students of B Tech (IT) have enrolled for a MOOC course on "Programming in Python" offered by University of Michigan through Coursera under the guidance of Jiju TD and Badharudheen P, Asst Professors.

Paper Presentations By Faculty

Raghesh A, Asst Prof., currently pursuing doctoral research programme at IIT Madras presented a paper on "Unique Worker Model for OpenMP", at the International Conference on Supercomputing, 2015 organised at Newport Beach, California.

Faculty Development Programmes Attended

Viju P Poonthottam, Asst Professor participated in a two-day workshop on "Cloud Computing" at University of Calicut on 27th and 28th March organised by IIT Bhubaneswar.

He also received a Verified Certificate from a MOOC course on "Process Mining: Data Science in Action" offered by Eindhoven University of Technology through Coursera.

COMPUTER APPLICATIONS (MCA)

Paper Publication By Faculty

Vasudevan T V, Asst Professor published a research paper titled 'Indian Language Wikipedias: A Comparison Study' in the International Journal of Emerging Engineering Research and Technology(IJEERT), Vol 3, Issue 4, April 2015, PP 93-97.

Faculty Development Programmes Attended

Vasudevan T V, Asst Professor successfully completed an online course 'Introduction To Linux' offered by Linux Foundation through edX in February.

Educational Tour

S5 students went for an educational tour to Kodaikanal, Munnar and Ernakulam from 1st April to 4th April. Prof Hyderali K, HOD and Febin Azis, Asst Professor accompanied the students.

MANAGEMENT SCIENCE (MBA)

Student Development Programmes

Vinod Ignatious, CEO, Bullwark International conducted a programme on attitude training for S4 students on 19th February. He also conducted a Training Programme on Mind Power for S2 students on 9th April.

Dr. K G Jose, Director, Rajagiri B-School delivered a talk on Placement for S4 students on 6th March.

Dr. P T Thomas, Emeritus Professor, UGC conducted a training programme on Major Project for S4 students on 24th March.

Adv. Dinesh, International Trainer, JCI conducted a Training Programme on Effective Public Speaking for S2 students on 20th and 21st March.

S2 Students conducted and volunteered an event 'Talent Turn 2015' powered by Absolute way Educational Services and Interman Educational Services at Edappal and Kottakkal on 27th and 28th April.

Faculty Development Programmes Attended

Jabir Moosa, Asso Prof and Issac George, Asst Prof attended a Faculty Development Programme on Management Simulation at Christ University, Bangalore on 28th February.

Seminar on MBA Education

The department organised a seminar on MBA Education at M E S Keveeyam College, Valanchery on 18th February.



Jabir Moosa, Asso Professor and Issac George, Asst
Professor with the delegates during an FDP on
Management Simulation at Christ University, Bangalore

NATIONAL WORKSHOP ON LABVIEW AND APPLICATIONS

The Department of Electrical and Electronics Engineering, MES College of Engineering, Kuttippuram in association with IEEE Malabar Subsection conducted a two day National level workshop on “LabVIEW and Applications” on 23rd and 24th April. The two day training programme was a hands -on experience into the basic functionalities of LabVIEW and Applications. The workshop covered the introduction to LabVIEW, Virtual Instrumentation, Data Logging, Loops, Structures, Interfacing concepts and Data Acquisition.

Dr. K.P.Mohammed, Director inaugurated the two day workshop on 23rd April in the EEE Seminar Hall. Dr V H Abdul Salam, Principal, Dr Moideen Kutty, HOD, EEE, Dr. K.P. Mohandas, Dean (Academic) and Founder Chair IEEE, Malabar Subsection, Dr. Vinod Pottakulath, Professor, Dept. of EEE and Maya. G, Co-ordinator addressed the gathering .

The workshop was attended by 54 faculty members from various Engineering Colleges among which 23 were from MES College of Engineering, Kuttippuram. The sessions were handled by Sunil Kumar V, Application Engineer, National Instruments Bangalore, Jiyo Mathew, System Engineer, Trident Techlabs, Bangalore and Dhinesh K B, System Engineer, Trident Techlabs, Chennai.



Participants of Lab View Workshop along with
Dr K P Mohammed, Director and Dr V H Abdul Salam, Principal, Dr Mohamed Bedeuzzaman, Vice Principal

SWARAM - STAFF CLUB DAY CELEBRATIONS

Staff club day SWARAM 2015 was celebrated on 18th April. In the inaugural function Prof.C P Muhammed, Staff Club President and HOD, ME welcomed the gathering and Dr. V H Abdul Salam, Principal and Patron inaugurated the function. Dr. Mohammed Bedeuzzaman, Vice Principal gave felicitations and Mr. Bijoy proposed vote of thanks. The events included Solo Songs, Group dance, Dance and Mono act by children of staff and Music Fest. Staff members were honoured for their achievements.

APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING (AEI)

Paper Presentations by Students

Nithya Ramanath M of S7 presented a paper titled “Automatic Cucubit Leaf Disease Detection Using Image Processing” in the International Conference on Instrumentation Control and Automation organised at Royal College of Engineering and Technology as a part of ROCKS’15 on 26th, 27th and 28th March.

Student Achievements

The Project titled “Intelligent Examination Paper Leakage Protection” done by Fasina K, Nimshad, Mohammed Shefeek and Anil Raphael (Students of S8) and guided by Rahul Kannan, Assistant Professor was appreciated by the media and duly reported in Mathrubhumi, Malayala Manorama and Deshabhimani Newspapers.

Faculty Development Programmes Attended

Roshna J, Asst Professor attended the ISTE sponsored Short Term Course on “Recent Trends In Biomedical Signal Processing” conducted by Dept of Electronics and Communication, SCT College of Engineering ,Trivandrum from 20th April to 30th April.

Paper Presentations by Faculty

Dr.Mohamed Bedeuzzaman, Professor & Head, co-authored a paper titled “Analysis of epileptic seizures in wavelet domain” presented at the National Conference in Computing Communication and Applications held at Sullamussalam Science College in February.

Mr.Shaez Usman Abdulla, Assistant Professor, co-authored a paper titled “Automatic Cucubit Leaf Disease Detection Using Image Processing” presented at the International Conference in Instrumentation Control and Automation organised at Royal College of Engineering and Technology as a part of ROCKS’15 on 26th,27th and 28th March.

Faculty as Resource Person

Dr.Mohamed Bedeuzzaman, Professor & Head, and Dr.Anzar S.M, Associate Professor, chaired a technical session in the International Conference on Emerging trends in Engineering and Technology held at Thejus Engineering College on 23rd and 24th April.

Mohammed Ismail Yasar A.K chaired a technical session in the International Conference in Instrumentation Control and Automation organised at Royal College of Engineering and Technology as part of ROCKS’15 on 26th March.

ELECTRICAL AND ELECTRONICS ENGINEERING (EEE)

Student Achievements

Sreehari S of S7 obtained Calicut University KalaPrathibha Award in the C-Zone arts festival 2015 held at DGMMES College Mampad from 9th February to 13th February. Madhuri of S1-S2 won First prize in the Hindi Essay writing competition in the festival.

Student Development Programmes

Nesihath M K and Syama P S, Asst Professors conducted a workshop on “Introduction to Orcad” for Students at EEE Computer Centre.

In connection with the National Technology day Celebrations-2015, Dr.M.Jayaraju, former Director ANERT and Principal, MESITM, Kollam delivered a talk on “Energy Education – A step to sustainable development”.The Programme was sponsored by Kerala State Council for Science Engineering and Technology.

Faculty Activities

The IEEE EXECComm. selected Dr.Vinod Pottakulath, Professor as the member of the newly formed IEEE Student Activities Board (SAB) to provide overall guidance to students activities of IEEE Kerala Section on 15th February.

Faculty Achievement

Thanweer Gafoor, Asst Professor secured M Tech Degree in Embedded Systems from Anna University.

Paper Presentations

Priya.N, Asst Professor and Anju.K (MTech Student) presented a paper entitled “Order Elimination method for Interval system” at the International Conference on Instrumentation and Control held at Royal Engg. College, Thrissur held during 26th-28th March.

Dr.Nafeesa K, Professor presented a paper titled “Speed Control of Vehicle Using Fractional Network Based Controller” in the International Conference on Emerging Trends in Engineering and Technology at Thejus Engg. College ,Thrissur on 23rd April. Renuka.T.K, Asst Professor also presented a paper titled “Participation of Doubly fed Induction generator based Wind Turbines in Power System Primary Frequency Regulation” in the Conference.

ELECTRONICS AND COMMUNICATION ENGINEERING (ECE)

Paper Publications/Presentations

Mredhula L, Asso. Professor and Deepa of S2 M Tech presented a paper titled “Lung Tumour Detection : Image Fusion Algorithms and Comparisons” in the National Conference on Recent Advances in Computer Science RACS-2015 at Jyothi Engineering College, Thrissur.

Anju Thomas and Ajmal of S8 ECE A-Batch published a paper titled “HOSVD for Image Compression” in the proceedings of the International Conference on Emerging Trends in Communication, Signal Processing and Machine Vision (ICECSM), at Royal College of Engineering and Technology, Thrissur from 26th to 28th March.

Faculty Development Programmes Attended

Dr A Gopakumar, Professor and Head attended a One Day Workshop on Academic Credit System and Affiliation Processes organised by Kerala Technological University at Thiruvananthapuram on 28th February.

Lakshmi G Prabhu and Sreediya R, Asst. Professors attended the workshop on “Embedded system Design using Xilinx/Vivado” organised by Department of Electronics and Communication Engineering of Vidya Academy of Science and Technology in association with the Institution of Electronics and Telecommunication Engineers, ISTE and the Institute of Electrical and Electronics Engineers on 21st February. Sudheesh K and Pradeep M, Instructors successfully completed a customised training program on “PCB Design Using Orcad” on 12th and 13th February.

Poster Presentation and Demonstration of Mini Project

Department of Electronics and Communication Engineering organised a poster presentation and demonstration of mini project on 10th April. Mohammad Shabeer,Mohammed Hashim, Muhammed Khaleel and Raihan of S6 ECE- B Batch students got first prize for the best project (Smart Cane). Mohamed Saif, Muhammed Fairouz, Neethu A P and Ragitha V M of S6 ECE B Batch got first prize for the best poster (Railway track pedestrian crossing without using staircase).

COSTA SERENA - A LUXURY CRUISE SHIP

Dr V H Abdul Salam, Principal went on a trip in a luxury cruise ship ‘COSTA SERENA’ from Cochin to Singapore with his friends from 9th April to 15th April. A few snapshots are published in this edition.

Costa Serena at Sea





Doing Yoga on the Yoga Centre of the Deck



Sight Seeing - At National Orchid Garden, Singapore

CIVIL ENGINEERING (CE)

Student Achievement

Safiya N N of S8 was selected to the post of Lecturer at CINDREBAY Interior Design School, Calicut.

Student Association Activities

As part of CE Association activities, Sameeha Latheef and Aseema V K T of S8 presented a paper on 'Pet Bottle construction' and Anu Krishnan, Asst Prof. presented a seminar on 'GIS Applications in Civil Engineering' on 9th April.

Paper Presentations by Faculty

Anu Krishnan, Asst Prof presented a paper on "Sinuosity Analysis Using GIS : Case Study of a Tropical River Basin" in the 2nd International Conference on Earth Sciences conducted at Nehru Institute of Technology, Coimbatore on 20th and -21st March.

MECHANICAL ENGINEERING (ME)

National Science Day Celebrations

National Science day was celebrated jointly by Energy Conservation Society (ECS) Malappuram Chapter and Mechanical Engineering Department on 20th February. A Seminar was organised in which Dr K Soman, President, Energy Conservation Society and Dr Nisam Rahman A, General Secretary, Energy Conservation Society delivered talks on conservation of energy. Dr V H Abdul Salam, Principal and Dr. Mohammed Bedeuzzaman, Vice Principal and Prof. C P Muhammad, HOD addressed the gathering.

Faculty Activities

Prof.C.P Muhammad, HOD inaugurated the Association of Mechanical Engg Department of Cochin College of Engineering on 4th March.

Paper Presentations

Anoopkumar M, Asst Professor and Manu P S, Research Scholar, M Tech(Thermal Systems) presented a paper titled "Study of the Effect of Liquid Subcooling and Vapour Superheating on Refrigeration Cycle" in the International Conference on Advances in BioTechnology,Civil and Mechanical Science (ICABCMS'15) conducted by Selvam College of Technology, Namakkal on 4th March.

Gavudhama Karunanidhi S, Asst Professor and Mathew Varghese T, Research Scholar, M Tech(Thermal Systems) presented a paper titled "CFD Analysis and Experimental Validation of Ethanol Diesel Blend in CI Engine" in the same Conference.

M G Prince, Asst Professor and Rameez P V, Research Scholar, M Tech(Thermal Systems) presented a paper titled "Design and Performance Analysis of Thermo Compressor" in the same Conference.

Sinith P, Asst Professor and Vivek S, Research Scholar, M Tech(Thermal Systems) presented a paper titled "Investigation On The Effect Of Hole Geometry Blowing Ratio In Heat Transfer Characteristics On Combustion Chamber Liner Plate" in the International Conference on Recent Trends In Mechanical Engineering conducted at Sree Rama Krishna College of Engineering, Coimbatore on 19th April.

COMPUTER SCIENCE AND ENGINEERING (CSE)

Paper Publications

A research paper titled "Survey on Security Methods in Publish/Subscribe System" authored by Prathyusha M Kumar, S4 M.Tech Student, Arun Anoop M, Assistant Professor, CSE Dept, Viju P, Assistant Professor, IT Dept was published in the International Journal of Computing and Technology IJCAT-2015, Volume 2, Issue 3, March 2015, ISSN- 2348-6090.

Student Association Activities

The department association MATRICS conducted a one day workshop on "Android" on 21st February. The sessions were handled by Mr. Hasir Abdulla of S8. More than 50 students from various departments attended the workshop.

Faculty Development Programmes Attended

Sherikh K K and Sreekanth E S, Assistant Professors attended a 5 -day workshop on "Advanced Algorithms Analysis and Design" conducted by CSE department, GCE, Thrissur in April.

EXCELLENCIA 2015-NATIONAL LEVEL TECHNICAL FESTIVAL

Excellencia-15, the two day National Level annual Technical Fest was organised by the Department of Computer Applications(MCA), on 23rd and 24th February. The fest was inaugurated by Sri. Abdu Rabb, Hon. Minister for Education, Government of Kerala on 23rd February. He inspired the students to become young entrepreneurs and the need of technology innovation to the common public. Dr. Prahlad Vadakkepat, Associate Professor, Electrical and Computer Engineering Department, National University of Singapore delivered the keynote address in which he emphasized the need of helping the disabled people with Engineering and Technology. Prof. P O J Lebba, Secretary, MESCE and General Secretary, MES, Dr. V H Abdul Salam, Principal, Dr. K P Mohammed, Director, Dr. Mohammed Bedeuzzaman, Vice-Principal, Prof Hyderali K, HOD, MCA,Nowshad C V, Staff Coordinator and Abdul Haseeb V K, Student Coordinator addressed the gathering.



Sri Abdu Rabb, Hon Minister of Education,
Kerala State Delivering the Inaugural Address



Dr. Prahlad Vadakkepat,
Associate Professor,
National University of Singapore
Delivering the Keynote Address

Paper Presentations, Web Designing, IT Quiz, Treasure Hunt, Gaming, Hacking and Coding were the major events of the fest. More than 300 students from different colleges participated in the fest. Another attraction of the fest was the Alumni meet of MCA Department. More than 70 members attended the meet. The fest came to an end on 24th February with a valedictory function presided over by the Principal in which he distributed the prizes to the winners. MES College of Engineering, Kuttippuram bagged the overall championship in the fest.

MERIT AWARD CEREMONY

An award ceremony for honoring the meritorious students for the academic year 2013-2014 was held on 18th February in the College Auditorium. 86 students who were toppers in first, second, third and fourth year of B.Tech/B.Arch classes in different branches in MESCE Kuttippuram were honored. Those who came first in the University Examination held in 2013-14 were given a cash prize of Rs. 15000/- each and those who were placed second Rs 10000/- each. Parents of the toppers, staff and students of MESCE attended the function. An amount of Rs.10.25 lakhs was distributed as cash prize in the function. Dr. Sheena Shukkur, Pro Vice Chancellor, M.G University was the Chief Guest on the occasion. Prof. P.O.J Lebba presided over the function. Dr. V H Abdul Salam, Principal, Dr. K P Mohammed, Director, Dr. K P Mohandas, Dean Academic and Dr. Mohamed Bedeuzzaman, Vice Principal spoke on the occasion. Jb. A Mohammed, Vice President, MES and Heads of Departments and Academic coordinators (PG and UG) distributed the Merit awards to the students.



Inaugural Address By Dr Sheena Shukoor,
Pro Vice Chancellor, MG University