



# JYOTHI ENGINEERING COLLEGE

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## JECC NEWS

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### NATURA ENVIRONMENTAL FORUM



Vegetables were cultivated in the Natura Vegetable Garden and handed over to Finance Manager Fr. Joju Chiriyankandath of Jyothi Engineering College on 19.10.2013. Vegetables were also distributed to the gents and ladies hostels.

### INAUGURATION OF THE ACTIVITIES OF ISTE CHAPTER FOR THE ACADEMIC YEAR 2013-14



The inauguration of the activities of ISTE chapter for the year 2013-14 was done by Sri. Naushad Aarekode, Asst. Director, Joint Director Audit, Kozhikode on 25<sup>th</sup> September 2013 at 1:30pm. The inauguration was followed by a talk on 'Power of Positive Personality' by the chief guest.

### IEEE -Activities

A 3 day Skill Development Program on 'PCB Design and Fabrication' was conducted between 30<sup>th</sup> August and 1<sup>st</sup> September in association with the Department of Mechanical Engineering with Mr. C. Karunakaran, AP ME as the Co-ordinator. The course was entirely handled by our in-house resources from various branches which made the event most effective for the students. The following faculty members handled the various sessions during the course.



#### ME Dept.

Mr. C. Karunakaran, Prof. K. C. John (HOD, ME), Mr. Trijo Tharayil

#### EEE Dept.

Dr. Praveen R. P. (HOD, EEE), Mr. Vineeth V.V., Ms. Sreethumol

#### ECE Dept.

Mr. Jinesh K. J., Mr. Abraham P. A.



### IEEE Day Celebrations

The IEEE day celebrations were held on 11<sup>th</sup> September 2013, with the inauguration by Mr. Sunil Paul (CTO, Techjeeva, Asst. Prof. Vimal Jyothi Engg. College, Chemperi). This was followed by a one day workshop on 'Embedded Systems Training and Robotics' by the Chief Guest.



The preliminary level of the All Kerala IEEE PES Quiz for the first year students was also conducted subsequently on the same day.

Mr. Manu C. Paul, S1-2 CE bagged the first prize in the Quiz. Mr. Ajay Roy S1-2 ECE A and Mr. Arjun T.A. S1-2 CSE shared the second prize. The winners participated in the final rounds held at TKM Engineering College, Kollam.

#### Student Achievements (external)

1. Mr. Cijo Jose (S6 CSE), Mr. Sooraj Antony (S6 CSE) and Mr. Jishnu R. (S8 EEE) won second prize in the Quiz competition organized as a part of the All Kerala IEEE students Congress held at Chemperi, Kannur.

2. Mr. Jeffin Thomas of S6 CSE won the first prize for LAN Gaming at All Kerala IEEE students Congress held at Chemperi, Kannur.
3. Mr. Gejo Royce (S8 IT) was selected to participate in the All India Student Congress and the Computer society India Congress held at Amritha Viswa Vidyapeedam, Ettimadi, Coimbatore.
4. Mr. Jishnu R. was selected as a participant in the Computer society India Congress held at Amritha Viswa Vidyapeedam, Ettimadi, Coimbatore.

### DEPARTMENT OF APPLIED ELECTRONICS & INSTRUMENTATION AEISA ACTIVITIES

1. Applied Electronics and Instrumentation Students' Association (AEISA) inauguration for the academic year 2013-14 was conducted on 06/09/13. Dr. Gylson Thomas, Principal, JECC inaugurated the function.



AEISA INAUGURATION

2. A Workshop on PLC was conducted on the same day by Mr. Arun Joseph, Asst. Professor, St. Joseph's College of Engineering, Pala.



Mr. Arun Joseph

Workshop on PLC

1. Class Toppers of 2010 - 2014 & 2011-2015 admissions were awarded with certificates by AEISA on 06/09/13.



## 2010 - 2014 Admission



Sujitha T.P.

Jithin V.U.

Mohammed Fayiz P.A.

## 2011-2015 Admission



Shamsiya T.I.

Ann Mariya Mathews

Kiran Francis

## STUDENT ACHIEVEMENTS

1. S6 University results were published showing a pass percentage of 50%. AEI secured SECOND position in the University.
2. AEI students got the first prize in 'Onappattu' competition as part of our College Onam celebration on 13<sup>th</sup> September 2013.
3. Binu Balu, Mebin Babu, Jebin Jaison and Emil Varghese participated for 3's Football In GEC Tech Fest on 30<sup>th</sup> September 2013.



Binu Balu

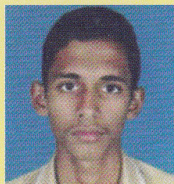
Mebin Babu



Jebin Jaison

Emil Varghese

1. Mr. Harry John S5 AEI was selected to attend the NSS camp at Salem from 7<sup>th</sup>-17<sup>th</sup> October 2013.



Mr. Harry John

1. Sujitha T. P., Aksa Andrews & Rishna Ramesh of the eighth semester were recruited by Infosys Technologies Ltd.



Sujitha T.P.

Aksa Andrews

Rishna Ramesh

## STAFF ACHIEVEMENTS

1. Mr. Kapil Das K. S., Assistant Professor was qualified for GATE 2013.

2. Mr. Ponmani Raja, Assistant Professor, attended a Short-Term Course on Microwave Material Processing, Modeling and Non-Destructive Testing from 16<sup>th</sup> - 21<sup>st</sup> September, 2013 at IIT Kanpur.



Kapil Das K. S.

M. Ponmani Raja

## DEPARTMENT OF INFORMATION TECHNOLOGY

### FDP attended

Mr. Bineesh M. attended a Workshop on Cyber Security at University of Calicut on 17th and 18th December organized by Computer Science Department.

Ms. Diana Davis, Ms. Sabna A. B. and Ms. Sobha Xavier attended a Short Term Training Programme on Network Administration at GEC, Thrissur in third week of November organized by Computer Science Department.

Sampreetha Ram (S8 IT) was placed in Infosys through the Campus Placement Programme.

## Department of Computer Science & Engineering

### Staff Achievements

Sruthy Sebastian (CSE) published a paper title "A framework for view invariant human identification from Video Sources" in the Journal of Innovation in Computer Science & Engineering Vol:3 Issue1 Jul-Dec 2013, ISSN 2278-0947 Page No:16-19.

### Staff Activities

Anil Antony attended a One Day Workshop on "Image Processing & Pattern Recognition" at GEC Thrissur on 15.10.2013.

Rigi C. R. & Seenia Francis attended a Two Day National Workshop on "Network Simulation using NS2" from 26.10.2013 to 27.10.2013.

Anil Antony and Shaiju Paul attended a 5 day Workshop on "Network Administration" at GEC Thrissur, from 4/11/13 to 8/11/13.

Seenia Francis and Rigi C.R. conducted a session on NS2 for faculty and M Tech students after they got a training program on NS2 at GEC Thrissur.

### Students Achievements

Joe Mathew, Dalwin Davis, Sanjo Simon & Radwin Raphael of S3 CSE won the 1st prize in Dungeons of Dyuthi '13 at GEC, Thrissur.

### Placement

ANNA FRANCIS INFOSYS, Bangalore (Software Engineer)

JISSA MARIA INFOSYS, Bangalore (Software Engineer)

SANGEETHA SUNNY INFOSYS, Bangalore (Software Engineer)

SARANYA INFOSYS, Bangalore (Software Engineer)

IRENE INFOSYS, Bangalore (Software Engineer)

ANGEL BABU UST GLOBAL, Trivandrum (Software Engineer)

ATHIRA S. UST GLOBAL, Trivandrum (Software Engineer)

SHILPA MANOJ UST GLOBAL, Trivandrum (Software Engineer)

## CESA (Computer Engineering Students Association)

CESA and the Computer Society of India (CSI) organized a national-level technical workshop titled "HackTrack 2.0 - The Certified Ethical Hacking Expert Workshop" by TechDefence, in association with e-cell, IIT-Bombay on the 29th and 30th of August 2013. Resource Person: Hithesh Choudary, Hacking Professional from TechDefence, Ahmedabad.

### RESULT ANALYSIS

SEMESTER	TOTAL PASS %	UNIVERSITY POSITION
S6	90	1 <sup>st</sup>
S1S2	62.3	4 <sup>th</sup>

Athira Sasikumar got the 1st place in the S6 result with a CGPA of 8.89, & Tania Pius got the 1st place in the S1S2 result with a CGPA of 8.57.

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### Students Achievements



Anju U.D.

Vishnu Kailoth

Mr. Vishnu Kailoth and Ms. Anju U.D. of S7 EEE (2010 Admission) were placed in Infosys Technologies as a part of the Placement drive conducted in the college.



Industrial Visit: Nine students of S7 EEE (2010 Adm.) along with two faculty members visited Shobha Developers Ltd., Thrissur on 20th September 2013.



Manu P.A.

Paul Thomas

Mr. Manu P. A. and Mr. Paul Thomas of S7 EEE (2010 Adm.) participated in '3's Football' during Bodhi 13, The National Level Technical and Cultural Fest held at Viswajyothi College of Engineering and Technology, Vazhakulam on 30th September 2013.



Mr. Jithin Jain  
'The Best Cinematographer'

Mr. Jithin Jain, S5 EEE won 'The Best Cinematographer' Award for the Short Film, 'The Prochain' in the 'Thira Short Film Fest' conducted by Palakkad District on 30.10.2013.





Ms. Sreeji Balakrishnan

Ms. Sreeji Balakrishnan (PGS3 Power Electronics) secured "The Best Paper Award" for the Technical paper, "Limitations of High Step-Up DC/DC Converter" at the National Conference on Renewable Energy- NCRE 2013 conducted by the Department of Electrical and Electronics Engineering in association with IEI, Kochi Local Centre and ISTE Chapter at Sree Narayana Gurukulam College of Engineering, Kadayiruppu during 29-30 November 2013.

■ Experts from Texas Instruments, Bangalore conducted a session on "Electric Drives comprising of three phase Induction Motor, PMSM and PMLDC Motor" Students and Faculty on 5.11.2013.

■ 11 Technical papers pertaining to M.Tech project of PGS3 M.Tech Power Electronics students were presented at the National Conference on Renewable Energy- NCRE 2013 conducted by the Department of Electrical and Electronics Engineering in association with IEI, Kochi Local Centre and ISTE Chapter at Sree Narayana Gurukulam College of Engineering, Kadayiruppu during 29-30 November 2013.

#### Result Analysis

Semester	Percentage (%)	University Position
PGS1 (2012 Admission)	88.33	2nd
S6 (2010 Admission)	65.63	7th
S4 (2011 Admission)	79.07	2nd
S1S2 (2012 Admission)	60.71	7th

#### Class Toppers

PGSL: Nithya K.  
CGPA 8.83S6: Anagha Philip Antony  
CGPA 8.83S4: Aquilin Joseph  
CGPA 9.09S4: Smita Joseph Puthiri  
CGPA 9.09S1S2: Aruna K.  
CGPA 8.99

#### Staff Achievements



Ms. Ashni Elisa

Ms. Ashni Elisa George presented a paper titled "Non-linear Theta-D Control Law for the Lateral Dynamics of Re-entry Vehicle" in the National Conference on Technological Trends 2013, conducted by College of Engg., Trivandrum during 30th and 31st Aug. 2013.



Dr. Praveen R. P.

Dr. Praveen R. P. HOD EEE delivered an expert lecture on PCB Design for EMI/EMC Compliance for the three day skill development programme conducted by the IEEE Chapter of our College on PCB Design and Fabrication held on 30th August 2013. Dr. Praveen R. P. HOD, EEE handled a session on the seminar, "Research Methodology- An Overview" conducted for the faculty of JEC on 19th November 2013.

Mr. Vineeth V.V. AP, EEE handled a workshop session on "PCB Design using Orcad" for the three day skill development programme conducted by the IEEE Chapter of our College on PCB Design and Fabrication held on 30th August 2013.



Mr. Prasad C.



Mr. Vineeth V. V.

Mr. Prasad C. and Mr. Vineeth V. V., AP, EE, attended AICTE sponsored Faculty development programme on, "Communication Skills through language lab", conducted by NSS, Palakkad, EEE Dept. from 30th September to 12th October.

Ms. Kavitha Bhaskar, AP, EEE conducted Seminar for the staff on the topic, "Implementation of Photovoltaic Array in a Boost Converter employing snubber circuit", on 29th November 2013.

As a part of Research activities in the department the faculty members were divided into 4 groups under the streams Electric Machines and Drives, Power Electronics and Drives, Power Systems and Control Systems.



Ms. Kavitha Bhaskar



Mr. Akhil A. Balakrishnan

Ms. Kavitha Bhaskar and Mr. Akhil A. Balakrishnan, AP, EEE participated in the five day Early Career Faculty Development Programme (ECFDP) jointly organized by IEEE Gold Kerala Section and Vidya Academy of Science and Technology with support from IEEE Educational Activities Board (EAB) from 4th to 8th November 2013 at Vidya Academy of Science and Technology, Thrissur.



Mr. Anees V. P.

Mr. Anees V. P., AP, EEE participated in the Short Term Training Programme on SMART POWER ELECTRONIC CONTROLLERS using PROGRAMMABLE LOGIC DEVICES for the Faculties of Engineering colleges sponsored by TEQIP- Phase II and organized by the EEE department of Rajiv Gandhi Institute of Technology, Pampady, Kottayam from 19th to 23rd November 2013.

## DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING Staff Activities

### SEMINARS / WORKSHOPS CONDUCTED

1. Dr. Jose P. Therattil, Head, Dept. of ECE along with Dr. Praveen R. P., Head, Dept. of EEE & Dr. Anitha Jacob, Assoc. Prof., Dept. of CE conducted a talk on "Research Methodologies" on 16/12/2013 at JECC.
2. Mr. Jinesh K. J. Asst. Prof., conducted an introductory workshop session on "Proteus Professional - Electronics Circuit Simulation Tool" for the students of S3 ECE on 02/09/2013.

3. Mr. Jinesh K. J. Asst. Prof., conducted "A Hands-on Training Session on Proteus Professional - Electronic Circuit Simulation Tool" at Ilahia College of Engineering, Muvattupuzha on 28/09/2013.

4. Mr. Jinesh K., Asst. Prof., & Mr. Abraham P. A., Asst. Prof., handled a hands on sessions on "Introduction to Proteus Professional - Electronics Circuit Simulation Tool" & "PCB Fabrication using Toner Transfer Method" respectively as a part of the "Skill Development Programme on PCB Design and Fabrication" organized by IEEE-SB Chapter JECC on 30/08/2013 to 01/09/2013.

### FDPs / SEMINARS / WORKSHOPS ATTENDED

1. Dr. Jose P. Therattil, HOD, attended a "Workshop on Funding Possibilities for Technical Education & Research" on 18/12/2013 at NSS Engineering College, Palakkad.
2. Ms. Anjitha V. and Ms. Krishnapriya S., AP, ECE, attended an "Early Career Faculty Development Programme" organized by IEEE-GOLD at Vidya Academy of Science and Technology, Thalakkottukara from 04/11/2013 to 08/11/2013.
3. Faculty Members of the Department attended a talk on 'How to make difference in personal and professional life' by Mr. P. R. Chandramohan at Jyothi Engineering College on 16/11/2013.
4. Dr. Jose P. Therattil, Ms. Sarika K. T., Ms. Anjitha V., Ms. Krishnapriya S. attended a Faculty Development Programme on 23/11/2013 at Jyothi Engineering College.

### PRESENTATIONS AT INTERNATIONAL CONFERENCE



Mr. Abin Johns Raju



Ms. Krishnapriya S.

1. Mr. Abin Johns Raju, Asst. Prof., along with Ms. Lakshmi R., Ms. Tilty Tony, Ms. Vineetha Wilson, Ms. Nella V. Francis & Ms. Theresa Jones of 2009-2013 ECE Batch presented a paper titled "An Analytical Approach to the performance of LDPC Codes" in the IEEE International Conference of Advanced Computing & Communication Systems (ICACCS) Dec 2013, Coimbatore, India. on 20/12/2013.

2. Mr. Abin Johns Raju, Asst. Prof., along with Ms. Lakshmi R., Ms. Tilty Tony, Ms. Vineetha Wilson, Ms. Nella V. Francis & Ms. Theresa Jones of 2009-2013 ECE Batch presented a paper titled "A Comparative Study of LDPC Codes & Convolutional Codes in WiMedia PHY" in the IEEE International Conference of Advanced Computing & Communication Systems (ICACCS) Dec. 2013, Coimbatore, India. on 20/12/2013.

3. A Paper titled "Analytical Studies of Vertical Double Gate NTFET", by Ms. Krishnapriya S., Asst. Prof., got accepted for presentation in the International Conference on Electronics & Communication System (ICECS-2014).

### Other Activities

Ms. Sarika K. T., Asst. Prof., acted as a member of the judging panel of the Paper Presentation contest organized by GEC, Thrissur as part of the Tech Fest Dhyuthi '13 on 12/09/2013.

### Student Activities

STUDENTS' PROJECT PROPOSALS SELECTED FOR "YUVA MASTER MIND" COMPETITION

Proposals of the following projects by students of S7 ECE were selected & given financial assistance for participation in the "Yuva Master Mind" contest for innovative projects organized by Malayala Manorama News group, Kottayam:

Fusion of Iris & Finger Print Biometric for Gender Recognition	Meal Assistance Robot
a) Mr. Antony Jacob	a) Ms. Anjali Geo K.
b) Ms. Mariya Tony	b) Ms. Ann Marie Antony
c) Ms. Nimpha Anto	c) Mr. George Sunny
d) Mr. Renil T. Vincent	d) Mr. Jan Win Sunny
e) Ms. Sneha Jose	e) Ms. Ronat Alice Cheriyan



## Class Toppers

S3	S5	S7
Ms. Gilta Babu	Mr. Sebastian Joseph	Ms. Najji Joseph
Ms. Anu Maria C.J.	Ms. Pooja Varma	Ms. Rincy P. Nelson
Mr. Vishnu K	Ms. Manisha George	Ms. Sneha Jose

## Placements: Infosys & UST Global



Ms. Ann Marie Antony



Mr. Anoop Francis



Ms. Nanditha K.



Mr. Naveen Philip



Ms. Nimpha Anto



Ms. Nivia George



Ms. Sandra Reji C.



Ms. Silpa George



Ms. Sneha Jose



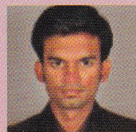
Ms. Thara Paul M.



Ms. Tracy Jose



Mr. Sijan Thomas



Mr. Umesh Unni P.

## ACHIEVEMENTS & PARTICIPATION IN INTER-COLLEGE TECHNICAL EVENTS

1. Mr. Umesh Unni P. & Mr. Jinu Thankachan of S7 ECE won the II Prize in Hurt Locker event conducted as a part of Dyuthi '13, National Level Multi fest held at G.E.C. Thrissur on 11/09/2013 to 13/09/2013.
2. Ms. Aleesha Santhosh of S5 ECE, participated in the events organized as a part of Dyuthi '13, National Level Multi fest held at G.E.C. Thrissur on 11/09/2013 to 13/09/2013.

### ECSA ACTIVITIES

Dr. Gylson Thomas, Principal, inaugurated the ECSA activities 2013-14 on 27/07/2013. A set of competition events such as Problem Solving, Team Work ability & Mock Interview to improve the skills of students were organized as a part of the inauguration. Also, two batches from S7 ECE presented their Mini Projects.

### SEMINARS / WORKSHOPS

1. Students from S7, S5 & S3 ECE Batches participated in the 'Robotic Workshop' organized by IEEE Student Branch, Jyothi Engineering College, Cheruthuruthy on 11/09/2013.
2. 35 Students of S3 ECE, 4 students of S5 ECE and 35 students of S7 ECE attended a talk organized as part of ISTE '13-14 Inaugural function on 25/09/2013.
3. 10 students of S7 ECE attended a talk on "Satellite Communication" organized as part of Engineer's Day celebration on 26/09/2013. The Session was handled by Er. Sunil Kumar G., Scientist, ISRO.
4. Ms. Christina Francis, S5 ECE, participated in the One Day Pre-departure Orientation Programme for Overseas job seekers conducted by NORKA-ROOTS, Dept. of NORKA, Govt. of Kerala at Thrissur on 12/10/2013.

### TRAINING PROGRAMMES / INTERNSHIPS

1. Ms. Tracy Jose of S7 ECE attended One day Internship Programme conducted by Tata Consultancy Service (TCS) at Info Park, Kochi on 23/11/2013.
2. Ms. Sherin Thomas of S7 ECE has successfully completed an intensive training session on Web Development workshop held at Satvika, IEEE Kochi Hub WIE Congress held at College of Engineering, Chengannur on 02/08/2013 to 04/08/2013.

### PARTICIPATION IN SOCIAL SERVICE

1. 25 students from S7 ECE visited 'Snehalayam', Mundathikode and 'Pope Paul Mercy Home' Athani as compulsory social service activity on 21/09/2013.

## DEPARTMENT OF MECHANICAL ENGINEERING

### STAFF ACHIEVEMENTS

1. Mr. Nice Menachery, Mr. Melvinraj C. R. and Mr. Biju C. V. participated in the international conference on Safety by Desgin (ICSBD) held at JCET Palakad on 16th and 17th Aug. 2013.
2. Mr. Biju C. V. and Mr. Sojan P. T. presented a paper on "Design and Development of Pin on Disc Apparatus and Investigation of Tribological Behaviour of Metals" in International conference on Safety by Desgin (ICSBD) held at JCET Palakad on 16th and 17th Aug. 2013.
3. Mr. Sreejith K. & Mr. Nikhil N. S. attended a two day workshop on "Measurements during metal cutting" jointly organized by Dept. of Mechanical Engineering, N.S.S. College of Engineering, Palakkad & Dept. of Mechanical Engineering, Karunya University Coimbatore, Sponsored by AICTE, held on 11th & 12th October at N.S.S.C.E. Palakkad & Karunya University Coimbatore.
4. Mr. Sreejith K. & Four Mini Project Students of S7ME (Ajeesh Samuel V. C., Ajith Xavier, Christo Antony, Collins T. Anto) published a technical paper entitled, "Experimental Investigation of a Solar Powered Eco-Fridge" in "International Journal of Engineering Research & Technology" (IJERT), Vol.2 Issue 9, September 2013.
5. Mr. Tony Kottoor published a technical paper entitled "Comparison of Stainless Steel File with NiTi Coated Stainless Steel File using Electron Beam Physical Vapour Deposition Process" in "Dhayandha Sagar International Journal management" Vol.1, Issue 1, October 2013.

### DEPT. ACHIEVEMENTS

1. S6 ME (2010-2014) students have a pass percentage of 90.60% the 1st position in the University Examinations.

### STUDENTS ACHIEVEMENTS & TRAINING

1. Ajith Xavier of S8ME was placed in UST Global.
2. Abin John, Alex Thomas, Jithin Thomas, Sreevalsan S. Menon of S8ME were placed in INFOSYS.
3. Nine groups of (S7/S8) main project groups are undergoing training at reputed organizations like BPCL, KMML, HMT and Apollo Tyres etc.
4. Twenty Five students of S3 ME-B had underwent a one day technical training on "Automotive Electrical System" at Bosch local training centre, Aluva on 16-11-2013. The training was arranged and co-ordinated by Mr. C. Karunakaran, APME.
5. S6 ME students and class tutors visited Snehalayam Boys Home (Orphanage), Pattikkad, Thrissur as a part of their social service on 12th Oct. 2013 forenoon and they spent the whole day with inmates providing lunch, interacting with them and presented a cultural programme.



6. S6 ME A students and class tutors visited Vallathol Nagar Railway Station, Cheruthuruthy on 8th Nov. 2013 forenoon and they spent the whole day cleaning the platforms and nearby area. The visit was part of their compulsory social service.

## DEPARTMENT OF CIVIL ENGINEERING

1. Civil Engineering Association (CEA) was inaugurated on August 23rd by Mr. S. Rathish, Chief Engineer, KWA, Thiruvananthapuram. He delivered a lecture on Water Dissemination in Kerala. Mr. Hemanth of S3 Civil made a presentation on Cochin Metro.
2. Ms. Manju Manohar attended a 5 day FDP on Urban Transportation Planning System at National Institute of Technology, Calicut.
3. Ms. Carol Varghese and Ms. Jisha Akkara attended a one day workshop on Sustainable Construction Methods and Materials conducted by KESNIK.

### Conference

1. Dr. Anitha Jacob presented a paper on Geometric Design Consistency of Multiple Horizontal Curves on Two-Lane Rural Highways at International Conference CTRG-2014.
2. Ms. Tricy Luis presented a paper on Finite Element Analysis For The Pullout Resistance of Soil-Nail With Varying Parameters at ICGE conducted at IIT, Roorkey

### Journals

1. Dr. Anitha Jacob and Anjaneyulu M.V.L.R. published a paper on Development of Crash Prediction Models for Two-Lane Rural Highways Using Regression Analysis, in Highway Research Bulletin, Indian Roads Congress, Vol. 6(1), 2013.
2. Dr. Anitha Jacob, Dhanya R. and Anjaneyulu M.V.L.R. published an article on Geometric Design Consistency of Multiple Horizontal Curves on Two-Lane Rural Highways, Procedia-Social and Behavioral Sciences, in Elsevier, 104(2013), 1068-1077.

### Student Achievements

3. Midhun T. and Noble Jose, Hemanth M. S. and Archana C. D. were selected for AVANZA conducted by AISAT, Kalamassery.

## DEPARTMENT OF BASIC SCIENCE & HUMANITIES

1. Fr. John Tharayil gave a counselling talk to teachers of schools under Arch diocese Thrissur on September 14. He also conducted a one day seminar for the teachers of Amala nursing college on Nov. 2nd 2013.



Fr. John Tharayil

2. Mr. Sandeep Narayanan published a paper on "Some Remarks on Complement of Fuzzy Graphs" in IOSR, a Journal of Mathematics.



Mr. Sandeep Narayanan

3. Fr. Roy Joseph Vadakkan was a resource person in the workshop on "Blooming as Nurse Manager-Key Strategies" conducted on 4th Jan 2014 by Govt. College of Nursing Thrissur.



Fr. Roy Vadakkan

4. Asst. Prof. Vijay Govind was a resource person in the workshop on NUMBER THEORY & CRYPTOGRAPHY organised by the Dept. of Mathematics, St. Thomas College, Kozhenchery on the 15th & 16th of November 2013.



Mr. Vijay Govind

5. Dr. Usha Menon has Introduced phonetics to interested student candidates of the spoken English group.



Dr. Usha Menon