

Volume 6

Issue 5

November 2014



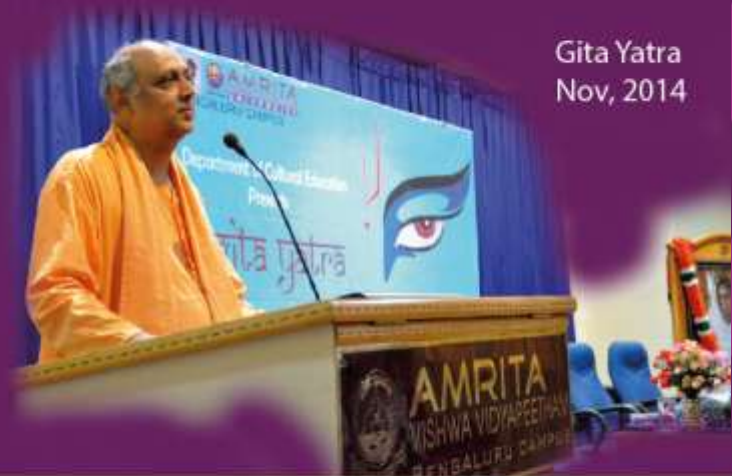
# rithi



Kannada Rajya Mahotsava  
Nov, 2014



Jof of Giving - Nov, 2014



Gita Yatra  
Nov, 2014



AMRITA  
SCHOOL OF ENGINEERING  
Bengaluru



**‘Joy of Giving’**

**4<sup>th</sup> November, 2014**



**‘Ekatva 2014’**

**7<sup>th</sup> - 8<sup>th</sup> November, 2014**



**Workshop on ‘Embedded System  
Control for Power Electronic  
Applications’**

**10<sup>th</sup>- 11<sup>th</sup> November, 2014**



**Workshop on ‘Electronic System  
Level Design & Verification  
(ESLD&V 2014)’**

**14<sup>th</sup>- 15<sup>th</sup> November, 2014**



# School Highlights

## 'Kannada Rajyotsava' Celebrations

Kannada Rajyotsava was celebrated with great pomp and show at Amrita School of Engineering, Bengaluru on the 1<sup>st</sup> of November, 2014. Director Br. Dhanraj, Associate Dean Dr. Rakesh S.G., Amritadhara Chair Prof. Braj Bhushan Jha presided over the flag hoisting and cultural programs that followed.

The celebrations began with the hoisting of the Karnataka flag followed by singing of the Nadageethe (State song). After a small break, the programme continued with cultural events in Sudhamani Hall. The antiquity and significance of Kannada Rajyotsava was articulated by Ms. Gagana in her introductory speech, Mr. Sanketh Bhat of I year, B.Tech. and later, by Hostel Warden, Mr. Shivappa. There were musical performances by Ms. Chinmayi Raj, Mr. Sanketh Bhat and Mr. Yogesh. The faculty of ECE and EEE were also active participants in the event. Adding a feather to the cap of festivities was a folk dance performance from the Narthana team, which was received with great enthusiasm. The celebration witnessed an apt closure with Mr. Chethan Rao and Mr. Amara Dutta speaking about the 8 Kannada Gyanapeetha awardees, which left everyone feeling proud about being a part of the rich Kannada culture.



# School Highlights

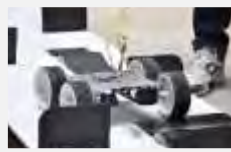
## 'Joy of Giving'

**Joy of giving** an event dedicated to a section of people serving on the campus happened on 4<sup>th</sup> November, 2014. On this day people working for House keeping, Transport, Security, Gardening, Mess, Facilities and a few others were served lunch and given blankets as gifts. Faculty and students contributed generously for this event. In order to raise funds for Joy of Giving, a mehendi mela was conducted, where student volunteers applied mehendi for both students and faculty at reasonable cost.



## 'Ekatva 2014' - Technology meets Innovation @ ASE Bengaluru

The Intercollegiate National Level Tech Fest, „Ekatva 2014’, was held on 7<sup>th</sup> and 8<sup>th</sup> November, 2014. It organized a total of 17 events for various branches of engineering, including the general technical events, such as paper presentation and Maths Olympiads. Events such as Venturis Ventis (Glider building), LiFo (Line Follow), FoX Hunt (Hunt the signals down) and Rover Challenge were some of the highlights of the fest. Ekatva received an overwhelming response, with over 750 registrations from colleges in & around Bengaluru. Apart from the competitive events, PSoC workshops and fun filled events like gaming were also organized. The event was a huge success. The spectacular exhibition of technical acumen at Ekatva’14 will grow with every advancing year.



# School Highlights

## Workshop on “Embedded System Control for Power Electronic Applications”

The Department of Electrical and Electronics Engineering, ASE- Bengaluru in association with IEEE student branch - ASE - Bengaluru conducted a two day workshop on “Embedded System Control for Power Electronic Applications” on 10<sup>th</sup> & 11<sup>th</sup> November, 2014. The experts from Advanced Micro Devices (AMD) gave insight into FPGAs and its applications. The workshop focused on understanding the basics of FPGA technology, its features, VHDL coding and development tools highlighting their Power & Control applications. Hands-on sessions were conducted which provided an ideal platform for learning the development of diverse set of applications using Xilinx FPGA boards and tools. The workshop was attended by 6 faculty members, 33 students, which included 28 M.Tech. (Power Electronics) students from ASE-Bengaluru and 5 M.Tech. (Power Electronics) students from ASE-Coimbatore campus.



# School Highlights

## Workshop on “Electronic System Level Design & Verification” (ESLD&V 2014)

Department of ECE organized a two-day National Workshop on “**Electronic System Level Design & Verification (ESLD&V) 2014**” conducted on 14<sup>th</sup> & 15<sup>th</sup> November, 2014. The event was sponsored by Accellera Pvt. Ltd., Cadence Pvt. Ltd. and supported by Bluespec Pvt. Ltd. The workshop was conducted under the guidance of Organizing Chair Dr. Shikha Tripathi (Professor & Chairman, Department of ECE), Workshop Chair Dr. N. S. Murty (Professor, Department of ECE) and Co-ordinators Mr. C. Babu & Ms. Kirti S. Pande.

The objective of the workshop was to increase the awareness on ESLD&V in the VLSI and Embedded Systems communities, especially in academic circles. This workshop also aimed to encourage teaching ESL Design and Verification as a subject in UG & PG levels and promote research in related areas. The main purpose of the workshop was that, in India, ESLD&V is being practiced in industry but the emphasis in academics on the same has been very limited. Bridging this gap is essential. This workshop was an attempt to cater to the academicians and students to improve their familiarity and increase their interest in ESLD&V area. Also the forum that can be created through this workshop can help promote research inputs from academics to industry.

The workshop offered the Key note address, guest lectures, panel discussion on various related topics by the experts from industry and also hands-on sessions on ESL Design by expert from Bluespec Pvt. Ltd. The detailed list is as follows.

- ⇒ Dr. S.K. Nandy (Professor, SERC, Department of Electronic Systems Engineering, IISc., Bengaluru - Keynote address) : ESLD&V – Shaping Futuristic Designs
- ⇒ Ms. Bhishnupriya Bhattacharya (Engineering Director, cadence Design Systems, Bengaluru – Invited Talk) : ESL Shift Left : Moving to a Higher Level of Abstraction
- ⇒ Mr. Pradeep Salla (Technical Manager, FV & Emulation, Mentor Graphics, Bengaluru - Invited Talk) : Innovative Virtual Prototype Technologies for Systems and Application Bring - Up
- ⇒ Prof. S.K. Nandy, Dr. Sandeep Pendharkar (AMD), Ms. Bhishnupriya Bhattacharya, Mr. Mallikarjuna B. S. (Mentor Graphics) and Mr. Srinivasan V. (CVC) - Panel Discussion

# School Highlights

On “Indain Academic Community - Time to Embark on to ESLD&V Journey”.

- ⇒ Ms. Ajeetha Kumari (CEO, and MD, CVC, Bengaluru - Keynote Address) : ESLD&V Methodologies, languages and Tools - Status and Outlook
- ⇒ Dr. Kanishka Lahiri (Senior Member of Technical Staff, AMD, Bengaluru - Invited Talk) : System - Level Models for SoC Performance Analysis : Challenges and Opportunities
- ⇒ Mr. Arvinda Thimmapuram (Senior Staff Engineer, Intel, Bengaluru - Invited Talk) : Early SW Development using ESL
- ⇒ Mr. Swaminathan Ramachandran (Architect of ESL Methodologies, CircuitSutra, Bengaluru - Invited Talk) : System C - Driver of ESL Methodology
- ⇒ Mr. Pragnajit Roy (Senior R&D Engineer, Synopsys, Bengaluru - Invited Talk) : ESL: Trends, Challenges and Opportunities from EDA Perspective
- ⇒ Mr. Niraj Nayan Sharma (Head - India, Bluespec Inc. Bengaluru - Hands on Session) : ESL Design Including Tarde-off Using Bluespec Methodologies
- ⇒ Dr. Sandro Rigo (Professor, Computer Systems Laboratory, IC-UNICAMP, Campinas, Brazil - Invited Talk) : ESL Design : Our Experience in Teaching and Research and Research at IC-Unicamp, Brazil
- ⇒ The feedback received from participants was very encouraging and reflected that the workshop served its purpose. It helped eminent industry experts in the domain to interact with participants with a promise to continue the association further.



# School Highlights

## National Unity Day

Government of India declared 11<sup>th</sup> November, the Birth Anniversary of Maulana Abdul Kalam Azad as „National Education Day’. Maulana Abdul Kalam Azad was a great leader of freedom struggle, eminent educationist and the first Union Minister of Education, who contributed immensely to the cause of education in India. In order to pay befitting tribute to this great son of India, Amrita School of Engineering, Bengaluru campus celebrated the National Education day to focus on the importance of education and the Nation's commitment to all aspects of education by organizing few activities. Elocution and Essay writing competitions were conducted.

Around 50 participants and about 150 students & faculty in the audience made the occasion memorable. Prizes for these competitions will be given on the Annual Day of the School.



## Communal Harmony Campaign

Amrita School of Engineering, Bengaluru observed Communal Harmony Week and Flag Day during 19<sup>th</sup> - 25<sup>th</sup> November, 2014.

The principal objective of the campaign was to promote/foster communal harmony, fraternity & national integration in general and facilitate rehabilitation of child victims of societal violence, in particular. Posters were displayed at nodal locations on campus. Flag stamps were distributed to students.

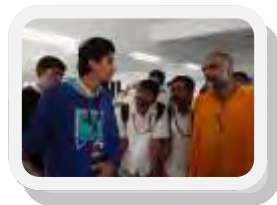


# School Highlights

## 'Gita Yatra'

Gita Yatra, an exhibition on applied Bhagavad Gita Projects carried out by different student groups who had chosen Bhagavad Gita as their elective course was held in our campus on 18<sup>th</sup> November, 2014. 16 projects were done by students including designing of a website and development of an android application on Gita. „Gita Yatra' was inaugurated by Swami Shanthimayatmananda Ji of Ramakrishna Ashram, Bengaluru, Swami Dhynamrita Chaitanya Ji of Mata Amritanandamayi Math, Amritapuri and Shri Rama Chandra Bhatt Ji, Vice Chancellor of S Vyasa University, Bengaluru.

Visiting the exhibition was made mandatory for all the first year students and optional for others. Almost every faculty member enjoyed the exhibition by interacting with students on their respective projects. Some of the projects on display were „Expire the Expectation', „Gita in Movies', 'Gita for Universal Harmony' and „Draupadi'.



## Collaborative Academic Program

Delegates from KTH University, Sweden had visited Amrita School of Engineering, Bengaluru on 21<sup>st</sup> November, 2014. The team consisted of Prof. Urban Westergren- Dept. of Photonics and Microwave, Ms. Alphonsa Lourdudoss - IR, Ms. Mette Svensson - IR and staff members of ACIP from Amritapuri Mr Devadath C.M. and Mr. B. Krishnan Pillai.

The delegates addressed PG and UG students of Department of CSE, ECE, EIE and EEE of Bengaluru campus. Around sixty students and staff members attended the presentation.

The agenda of the presentation was 3+2 COLLABORATIVE ACADEMIC PROGRAM (CAP) with KTH, SWEDEN (B.Tech./M.S.).

This 3+2 program will enable students to study three years at Amrita Vishwa Vidyapeetham, apply to KTH in their 4<sup>th</sup> and 5<sup>th</sup> year, and earn a B.Tech. from Amrita Vishwa Vidyapeetham and a M.Sc. from KTH.

## Papers Published

International Journal			
NAME	TITLE	DATE	NAME OF THE JOURNAL
Nippun Kumaar A.A. Sudarshan T.S.B.	"Path Mapping and Planning with partially known Paths using Hierarchical State Machine for Service Robots"	6 <sup>th</sup> -8 <sup>th</sup> November, 2014	The 3 <sup>rd</sup> International Conference on Robot Intelligence Technology and Application 2014, Beijing, China. Advances in Intelligent Systems and Computing, Springer.
Pranavi M.V.C A.J. Yuganeshan, Y.V.S.S.N. Deepthi Santhana Lakshmi S.	"Comparison of Naïve Bayes Using Different Feature Selection Techniques in Twitter Sentiment Analysis"	November, 2014.	International Journal of Applied Engineering Research ISSN 0973-4562 Volume 9, Number 22 (2014) pp. 12779-12786 (IJAER) Indexed in Scopus

## Faculty Achievements / Participation / Recognition

⇒ Dr. N. Rakesh was:

- \* Invited to serve as "Designated Reviewer" for the:
  - ◆ IEEE 2015 1<sup>st</sup> International Conference on Telematics and Future Generation Networks (TAFGEN 2015) to be held during May 26<sup>th</sup>-28<sup>th</sup>, 2015 at Kuala Lumpur, Malaysia.
  - ◆ IEEE WoWMoM 2015 Sixteenth International Symposium on a World of Wireless, Mobile and Multimedia networks to be held during June 14<sup>th</sup>-17<sup>th</sup>, 2015 at Boston, MA, USA.
- \* Invited to serve as "Technical Program Committee Member" for IEEE International Symposium on Intelligent Systems Technologies and Applications (ISTA'15) to be held during August 10<sup>th</sup>-13<sup>th</sup>, 2015 at Kochi, India.

⇒ Ms. Sangita Khare, Ms. Bhargavi Upadhyay and Ms. Meena Belwal attended the National Workshop on "Electronic System Level Design and Verification" on the 14<sup>th</sup> and 15<sup>th</sup> of November, 2014. The workshop was organized by the Department of Electronics and Communication, Amrita School of Engineering, Bengaluru.

## Other News

### **„Women Rock IT’ - International Talk**

Amrita Networking Club organized the live TV broadcast of “**Women Rock IT**” an international talk organized and sponsored by Cisco Systems Incorporation on the 12<sup>th</sup> of November, 2014 from 9:30 AM to 1:00 PM. This event was attended by 350 female students from various engineering branches. Leading women who have challenged the stereotypes and have turned their passion for technology into a rewarding and successful career were present in person.

The event started with the invocation song by Ms. Anjali C. Nair invoking the blessings of the almighty, followed by welcome speech by Dr. Shika Tripathi, Chairman, Department of ECE, ASE-Bengaluru. Then there was live broadcast of “Women Rock-IT” in which Ms. Monique Morrow explained various career opportunities for women in the IT infrastructure and thus cleared the general misconceptions about IT infrastructure jobs. The students were given the opportunity to pose questions.

Ms. Amrita Ranjan - IRC, Additional Commissioner of Income Tax shared her experiences in Civil Service. This was followed by a talk from Dr. GowriS rinivasa, Professor, Department of Information Science and Engineering, P.E.S. Institute of Technology, Bengaluru South Campus. She discussed the various domains within Computer Science for research and gave new ideas for further development. Then, Ms. Anuradha Sharma, responsible for managing and driving Cisco’s Social Innovation Group [SIG] operation for India, Nepal & Bangladesh motivated the girls to pursue a career in technology highlighting that a career without technology is a fatal one. The event closed with the vote of thanks proposed by Ms. B. Sreevidya, faculty in the Department of CSE.

On the whole, the event was a great success. The participants were greatly benefited from the experiences shared by the eminent speakers.

# Department of CSE

## **ACROM Events**

ACROM had organized a competition called “Line Follower (LiFo)” on 7<sup>th</sup> and 8<sup>th</sup> November, 2014 during Ekatva’14 - the technical fest of Amrita School of Engineering, Bengaluru. “Line Follower” contest was one of the major events of Ekatva’14, in which the participants were required to design a Robot which had to follow the given line. There were 3 rounds: qualifiers, semi-finals and finals. Over all 21 teams participated in the event. The event was judged by Mr. Saravanan and Mr. Vishwas both from the Department of Computer Science and Engineering.

ACROM had organized a “Hands-on Workshop in Robotics and Applications” on 1<sup>st</sup> and 2<sup>nd</sup> November, 2014. The workshop focused on introducing some basic concepts of Robotics and gave hands on experience in robot building and programming. This was an intra-college event in which 28 teams had participated. The workshop was conducted by the senior students of B.Tech. and M.Tech.

## **Forum Events**

FACE organized various events during Ekatva '14 - the Technical Fest of Amrita School of Engineering, Bengaluru campus. The events were Appalanche, Code Quest and Heavy Liquid CTF. The events were conducted in the computer labs and witnessed participation from many students. These events were spread over two days of the technical fest on 7<sup>th</sup> & 8<sup>th</sup> November, 2014.

## Workshops/ Seminars/ Conferences organized

NAME	TITLE	DATE	VENUE
<b>Organizing Chair :</b> Dr. Shikha Tripathi <b>Workshop Chair :</b> Dr. N. S. Murty <b>Coordinators:</b> Mr. C. Babu Ms. Kirti S. Pande	National Workshop on “Electronic System Level Design & Verification (ESLD&V) 2014”	14 <sup>th</sup> - 15 <sup>th</sup> November, 2014	Amrita School of Engineering, Bengaluru

## Faculty Achievements / Participation / Recognition

- ⇒ Dr. Shikha Tripathi:
  - \* Reviewed a paper for Circuits, Systems & Signal Processing (CSSP) Journal published by Springer.
  - \* Presided over „**Women Rock IT**’ event conducted by CISCO on 12<sup>th</sup> November, 2014. It was a global event to promote & inspire women to get into IT infrastructure jobs.
- ⇒ Dr. P. R. Vaya joined the Editorial Board of ICTACT Journal of Micro-Electronics.
- ⇒ Prof. S. Ravishankar successfully defended his thesis titled “**Single frame image super-resolution: Some new approaches**” under the guidance of Dr. Shikha Tripathi and Dr. K.V.V. Murthy (Professor, IIT, Gandhinagar) on 24<sup>th</sup> November, 2014 at Amrita School of Engineering, Bengaluru.

## Forum Activities

As a part of Ekatva’14, ECIF conducted the following events:

- ⇒ A coding event „**CoDe**’ in the signal processing domain on 7<sup>th</sup>& 8<sup>th</sup> November, 2014. Participants were tested in different signal processing concepts such as image processing & audio processing and their abilities to generate algorithms for the same using MATLAB tool. A total of 8 teams (each with two students) were part of the coding round and the top three teams were recognized based on the problem solving approach and efficiency. Mr. Sudheendra Ch. and Mr. Krishna Chaitanya, 3<sup>rd</sup> year from Amrita School of Engineering, Bengaluru bagged the first place. Mr. Giriraja C.V. was the judge for the event.

# Department of ECE

⇒ A circuit designing event „**Ckt Designing**’ in the domain of pure electronics on 7<sup>th</sup>& 8<sup>th</sup> November, 2014. The first round was an elimination round where students had to solve questions based on concepts of electronics. Total eight teams were part of the elimination round. The top four teams were moved to the next round, where students had to design a two bit computer by simulating it using either MULTISIM or TINA simulation software tool. Mr. Prem Sai, Mr. G. Vamsi Krishna and Mr. Chirag V. from the 3<sup>rd</sup> year bagged the first place. Giving a tough competition Mr. Karan J., Mr. Gautam K.N. and Mr. Vikram Chauhan, also from 3<sup>rd</sup> year won the second place. This competition uprooted the underlying skills of students and encouraged them by providing a great platform.

## Papers Presented

International Conference			
NAME	TITLE	DATE	NAME OF EVENT
Mini R. <b>Rani Sreenivasan</b> Dinesh M.N.	"Low Speed Estimation of DTC controlled Induction motor drive using MRAS"	17 <sup>th</sup> - 18 <sup>th</sup> November, 2014	IEEE International Conference on Electronics, Communication and Computational Engineering (ICECCE 2014) Adhiyamaan College of Engineering , Hosur
V. Sailaja Anusha Voleti Bharat Reddy <b>Roma Harshan</b>	"Battery Charging Using Induction Motor's Slip Power"		
<b>Nayana K.</b> V. Sailaja Deepa K. H.V. Manjunath	"A DC-DC Multi-output SEPIC Converter for Suburban Power Application"		
<b>Malu Vikraman Nair</b> Lekshmi S.	"Reconfigurable Solar converter for PV Battery Application"		
<b>Bijitha K.</b> K. Deepa H.V. Manjunath	"Implementation of Multi output Flyback converter with Soft Switching"		
<b>Pradeep Kumar</b> Ilango K.	"Design of Series Active Filter for Power Quality Improvement"		
<b>Anand A.</b> Nithya M. Sudarshan T.S.B.	"Coordination of Mobile Robots with Master Slave Architecture for a Service Application"	27 <sup>th</sup> - 29 <sup>th</sup> November, 2014	International Conference on Contemporary Computing and Informatics (IC3I 2014),SJCE,Mysore.

## Workshops/ Seminars/ Conferences organized

NAME	TITLE	DATE	VENUE
Shankar S. K. Ilango	Workshop on "Embedded System Control for Power Electronic Applications"	10 <sup>th</sup> - 11 <sup>th</sup> November, 2014	Amrita School of Engineering , Bengaluru

## Papers Published

International Journal			
NAME	TITLE	DATE	NAME OF THE PUBLICATION
Mostafa Pakparvar David Plets EmmericTanghe Dirk Deschrijver Wei Liu <b>Krishnan Chemmangat</b> Ingrid Moerman Tom Dhaene Luc Martens Wout Joseph	"A Cognitive QoS Management Framework for WLANs"	15 <sup>th</sup> November, 2014	EURASIP Journal on "Wireless Communications and Networking" DOI:10.1186/1687-1499-2014-191 (indexed in Scopus with an Impact Factor of 0.54 for one year and 0.697 for five year)

## Workshops/ Seminars/ Conferences attended

NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
V.S. Kirthika Devi Nithya M. Mamatha I. Sudha Yadav K. Sireesha S. Syama	Workshop on "Embedded System Control for Power Electronic Applications"	Amrita School of Engineering, Bengaluru	10 <sup>th</sup> - 11 <sup>th</sup> November, 2014	Amrita School of Engineering, Bengaluru
Mamatha I. Sudha Yadav K. Sireesha S. Syama Shankar S.	National workshop on "Electronic System level Design and Verification"	Amrita School of Engineering, Bengaluru	14 <sup>th</sup> - 15 <sup>th</sup> November, 2014	Amrita School of Engineering, Bengaluru
Mini Sujith Deepa K.	Workshop on "Women in Engineering"	IEEE PES Bangalore Chapter	22 <sup>nd</sup> November, 2014	Hotel Royal Orchid, Bengaluru

## Faculty Achievements / Participation / Recognition

- ⇒ Dr. C.M.C. Krishnan reviewed a paper titled "Rapid Design of Miniaturized Branch-Line Couplers through Concurrent Cell Optimization and Surrogate-Assisted Fine-Tuning" by Koziel, Slawomir; Kurgan, Piotr, *IET Microwaves, Antennas & Propagation*.
- ⇒ Mrs. Deepa K. reviewed a paper for the journal "IET POWER ELECTRONICS".



## Papers Published

Internati nal Journal			
NAME	TITLE	DATE	NAME OF THE PUBLICATION
Kottakota Kalasagarreddi Gundu Vinay Kumar Kasina Vamsi Krishna Akileti Supraj <b>Phanibhushana M.V.</b>	“A Study on the Drilling Characteristics of E-Glass Fiber and Silicon Carbide Reinforced Aluminum 2618 Hybrid Composite”	November, 2014	<b>Internati nal Journal For Research &amp; Development in Technology</b> Volume: 2, Issue: 5, Nov -2014 ISSN (Online):- 2349-3585 Impact factor 0.63

## Workshops/ Seminars/ Conferences attended

NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
Dr. Nagaraja S.R. Mr. Vinod Kotebavi Mr. Bhanu Prakash S. Mr. Akhil J.	COMSOL CONFERENCE 2014	COMSOL	13 <sup>th</sup> - 14 <sup>th</sup> November, 2014	Hotel Park Plaza, Bengaluru.

## Faculty Achievements / Participation / Recognition

- ⇒ **Mr. Debjyoti Sahu**, Assistant Professor in the Department of Mechanical Engineering successfully defended his Ph.D. thesis titled “**Hydrogen Adsorption on selected Metal Organic Frameworks**” at the Centre of Energy, Indian Institute of Technology, Guwahati on 3<sup>rd</sup> November, 2014. A Provisional Degree Certificate has been issued to him by the Institute. The degree will be conferred on him at the next Convocation of the Institute to be held in May 2015.
- ⇒ **Mr. Shankara**, Assistant Professor in the Department of Civil Engineering successfully defended his Ph.D. thesis titled “**Influence of Admixtures on the Heavy Metal Retention and Behaviour of Soil Liners**” at Visvesvaraya Technological University, Belgaum. A Provisional Degree Certificate has been issued to him by the University. The degree will be conferred on him at the next Convocation of the University.

## Papers Published

⇒ A project Proposal submitted to UGC under Major Research Project (MRP) 2013 on 29<sup>th</sup> October, 2013 has been recommended for sponsorship and an Interface Meeting for the same is to be held on 9<sup>th</sup> January, 2015 at the University Grants Commission Head Office, New Delhi, India. The details of the proposal is as below

- Project Title: **“Characterization and Synthesis of Carbon Nanofiber based Nano Composite – A Potential Strain Sensor Application”**
- Name of the Principal Investigator: **Dr. Veeresh Kumar G.B.**
- Name of the Co- Investigator: **Mr. Ravi Kumar V.**
- Funding Amount: **Rs. 12,00,000/-**
- Duration: **3 Years**

### **SAEINDIA Collegiate Club Activity:**

**The SAEINDIA Collegiate Club, ASE Bengaluru**, in association with Robosapiens Technologies Pvt. Ltd., Delhi, conducted a 2-day workshop on **„Automobile Engine Mechanics’** in the campus on 15<sup>th</sup> and 16<sup>th</sup> of November, 2014 under the guidance of **Mr. Vinod Kotebavi**, Assistant Professor and co-ordinated by Mr. Atulya Uday Kumar and Mr. R. Praveen of S5. It was an International Level Automobile Championship and Workshop Series hosted by Robosapiens Technologies Pvt. Ltd. and IIT Delhi. A total of 58 Students (55 from ASE Bangalore and 3 from other colleges) registered for this event.

# Department of Maths

## Papers Presented

International Conference			
NAME	TITLE	DATE	NAME OF THE EVENT
Deepa Gupta K.Vani <b>Charan Kamal Singh</b>	“Using Natural Language Processing techniques and fuzzy-semanti similarity for automatic external plagiarism detection”	24-27 September, 2014	International Conference on Advances in Computing, Communications and Informatics (ICACCI-14), pp.2694-2699. indexed: Scopus)

## Faculty Achievements / Participation / Recognition

- ⇒ Ms. Geetha K.N., Assistant Professor successfully defended her Ph.D. thesis titled “Invariants in Graphs and Their Nice Properties” at Visvesvaraya Technological University, Belgaum. A Provisional Degree Certificate has been issued to her by the University. The degree will be conferred to her at the next convocation of the University.
- ⇒ Dr. Neetu Srivastava has reviewed a paper entitled “Unsteady magnetohydrodynamics blood flow in a porous saturated tapered stenotic artery” for the scopus indexed journal PLOS ONE (U.S. Journal) with an impact factor 3.68 and h-index 127, Published by the publisher Public Library of Science.

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Chief Editor

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Assistant Professor  
Department of CSE  
Editor

Ms. Sangita Khare  
Assistant Professor  
Department of CSE  
Editor

Ms. Vasanthi  
ES to Associate Dean  
Editor

### Board Members

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(Department of English)
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(ICTS)



*Amma's teachings on Spiritual practices*

**“Through a series of editing, cutting and pasting, the mind manipulates what it hears to make it fit its needs.”**



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