To deny the existence of God is just like using your own tongue to say “I have no tongue”.

- Amma

Amrita School of Engineering
Bengaluru
ISTE Workshop on ‘Writing Effective Conference Papers’

Amrita School of Engineering, Bengaluru was one of the remote centers for the 2-day ISTE Workshop on ‘Writing Effective Conference Papers’ held on 18th and 19th February, 2012. This was an initiative of National Mission on Education through ICT (MHRD, Govt. of India), and was conducted by IIT Bombay. The lecture transmission and live interaction took place through distance mode using the A-VIEW technology and the internet. Dr. Pradeep Hegde of Dept. of ME, ASE - Bengaluru was the Faculty Coordinator for the event.

This workshop provided an overview of effective technical writing in the context of writing technical conference papers. The workshop also included discussions on guidelines for organizing and planning conference papers.

The workshop was highly interactive in nature. The workshop also had a practical session where participants were asked to apply guidelines to write and revise their work. The eminent speakers included Prof. D. B. Phatak, Prof. Sahana Murthy, Prof. U. N. Gaitonde, Prof. Kannan Moudgalya, Prof. R. B. Sunoj, and Dr. Mukta Atrey.
Department of Computer Science and Engineering of Amrita School of Engineering, Bengaluru organized a National Level Research Seminar on ‘Computer Vision for Robotics (CVR 2012)’ on 24th & 25th February, 2012 in co-ordination with National Instruments (NI). The event was inaugurated by Dr. Jharna Majumdar, Dean R&D and Professor, Department of Computer Science & Engineering, Nitte Meenakshi Institute of Technology, Bengaluru. Also present on the occasion were Br. Dhanraj, Correspondent and Dr. Rakesh S.G., Associate Dean. The organizing committee included Dr. T.S.B. Sudarshan as Organizing Secretary, Dr. Amudha J. as Convener and Mr. G. Radhakrishnan as Co-Convener. The prime objective of the research seminar was to offer an insight into the recent developments in computer vision for robotics applications. The focal point of the series of talks was Sensing and Perception Modalities, as well as their impact on Autonomous Robotics and Intelligent Systems Development and Applications.

The guest speakers included Dr. P. Nagabhushan, Chief Nodal Officer, University of Mysore; Dr. R. Venkatesh Babu, Super Computer Education Research Center IISc, Bengaluru; Dr. Amudha J., Amrita School of Engineering, Bengaluru; and Mr. Amit Goyal, R&D Manager & Group Manager ABB Robotics, Bengaluru.

The forenoon session of the seminar saw how computer vision and machine learning techniques can be combined in order to provide robust and efficient feature detection style tracking. In the hands-on sessions conducted by resource persons from National Instruments, there was a demonstration on how to use NI LabVIEW and NI Vision tools to solve diverse set of application challenges.

The event was attended by over 50 delegates who were highly appreciative of the content and the organization of the event.
‘Sports Day’

Sports Day of ASE, Bengaluru was held at St. John’s Medical College Sports Ground on 29th February, 2012. The event was conducted by Mr. Ramakrishnan, Physical Education Trainer along with physical education staff. There were wide and varied events including track events such as 1500 m, 800 m, 200 m, and 100 m; field events such as Discus Throw, Long Jump, Shotput, High Jump etc. Rijeek of IV Semester ME and Ramya Krishna of VI ECE emerged as best performers in men’s and women’s categories respectively. The prizes will be given on College Day.
Ms. Amudha J. was awarded the Doctor of Philosophy degree from Amrita Vishwa Vidyapeetham for her thesis titled “Performance Evaluation of Bottom-up and Top-down Approaches in Computational Visual Attention System” on 3rd February, 2012.

Dr. Sudarshan T.S.B. and Prof. Rajkumar Sreedharan attended Board of Studies meeting of M.Tech. (Embedded Systems) at ASE, Coimbatore on 25th February, 2012.

Dr. Sudarshan T.S.B. has been invited to be a ‘Reviewer’ for Journal of Engineering & Computer Innovations on 27th February, 2012. He will particularly review the papers in the area of Cryptography and Crypto - Hardware.

Dr. Sudarshan T.S.B. has been invited to be the ‘Publication Chair’ for the 3rd International Conference on ‘Recent Trends in Information Processing and Computing (IPC 2012)’ to be held on 17th & 18th December, 2012 in Kuala Lumpur, Malaysia.
Other News

⇒ Dr. Sangeetha Iyer re-joined the Department of CSE as ‘Associate Professor’ on 24th February, 2012. She has 5 years of teaching experience and has spent 12 years in research. Her research areas include Partial Differential Equations, Finite Difference Methods, Finite Element Methods, Computer Languages & Computer Graphics, Modelling & Simulation and High Performance Computational Engineering.

Students’ Achievements / Participation / Recognition

⇒ The ‘Berkeley Mobile International Collaborative (BMIC – 2012 )’, a University Mobile Challenge to be held at Barcelona, Spain from 27th February, 2012 to 1st March, 2012 will be participated by following students of Amrita Bengaluru, along with one student from the department of ECE.

• Aaditya Sriram VIII CSE
• Rohan Prabhu VIII CSE
• Nikhil Nandagopal VIII CSE

These students have won the merit scholarship for the event and their travel has been partially sponsored by the college. They will be presenting their project at the finals on 1st March, 2012.

⇒ FACE, the Students’ Forum of CSE Dept., conducted a hands-on session on ‘Ethical Web Hacking’ on 15th February, 2012. It was conducted by the executive members of the forum, and was attended by 40 students from across semesters and branches.

⇒ The Forum also organized a technical lecture by Mr. Praveen Kumar, SDE Lead at Amazon.com on ‘Emerging Career Opportunities in IT industry’ on 18th February, 2012 at Krishna Hall. About 50 students from 1st and 2nd year B.Tech. attended this lecture.
Workshops / Seminars / Conferences Attended

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<tr>
<td>Mr. Karthikeyan R.</td>
<td>ISTE Webinar on ‘Writing Effective Conference Paper’</td>
<td>ISTE-IITB workshop, sponsored by MHRD, Govt. of India, under the National Mission on Education through ICT (NMEICT)</td>
<td>18th - 19th February, 2012</td>
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Faculty Achievements / Participation / Recognition

⇒ Dr. Shikha Tripathi attended the Annual General Body meeting of IEEE, Bengaluru section on 5th February, 2012.
⇒ Prof. Satish K. Manocha attended the Project Review Committee (PRC) meeting of Ministry of Science & Technology to review the progress of projects carried out at Tamil Nadu Agricultural University (TNAU), Coimbatore on 8th February, 2012.
⇒ Ms. Sunitha R. completed M.Tech. in Biomedical Signal Processing & Instrumentation from Visvesvaraya Technological University in February, 2012. She has been awarded ‘VTU Gold Medal’ and ‘Jain University Gold Medal’ for having secured highest marks among all specializations of Electronics & Communications in M.Tech. of Visvesvaraya Technological University.

Students’ Achievements / Participation / Recognition

⇒ K. Kedar of VIII ECE along with 3 other students from Department of CSE, have been qualified to represent the college at the ‘Berkeley Mobile International Collaborative (BMIC 2012)’, a University Mobile Challenge Contest being held at Barcelona, Spain from 27th February to 1st March, 2012. They will be presenting the project on 1st March, 2012 at the contest venue. They have won merit scholarship, and their travel is partially sponsored by the college.
⇒ ECI Forum has released its second newsletter.
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<td>Ms. Mamatha I.</td>
<td>ISTE Webinar on ‘Writing Effective Conference Paper’</td>
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<td>Ms. Sreekala M.</td>
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Students’ Achievements

The technical paper presented by Mr. Himanshu Sharma and Ms. Shreya Parmar, students of VI Semester EEE, was adjudged the ‘Second Best Paper’ at ‘Arghya 2012’, a National Level Technical Symposium. The symposium was organized by Mahatma Basaveshwar Education Society’s college of Engineering, Ambajogai, from 27th to 29th February, 2012.
Papers Presented

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Faculty Achievements / Participation / Recognition

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<td>Suresh Kumar K.K.</td>
<td>One-Day Workshop on ‘DELNET: Resources, Services &amp; Facilities’</td>
<td>R. V. College of Engineering</td>
<td>1\textsuperscript{st} February, 2012</td>
<td>R. V. College of Engineering, Bengaluru</td>
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A rapid, simple, accurate, and sensitive visible spectrophotometric method for the determination of trace amounts of hydrogen peroxide in acidic buffer medium is reported. The proposed method is based on the oxidative coupling of Ampyrone with dibenzazepin hydrochloride by hydrogen peroxide in the buffer medium of pH 4.0 which is catalyzed by ferrous iron. The blue-colored product formed with maximum absorption at 620 nm was found to be stable for 2 h. Beer’s law is obeyed for hydrogen peroxide concentration in the range of 0.03 - 0.42 μg ml⁻¹. The optimum reaction conditions and other important optical parameters are reported. The molar absorptive and Sandell’s sensitivity are found to be 5.89×10⁴ mol⁻¹ cm⁻¹ and 0.57 g/cm², respectively. The interference due to diverse ions and complexing agents was studied. The method is successfully applied to the determination of hydrogen peroxide in green plants satisfactorily.
Amma’s teachings on Spiritual practices

Compassion is the language that the blind can see and the deaf can hear.

A compassionate heart is a far more dwelling place to God than any silken couch or golden throne.