"Gaining mastery over the mind is the real spiritual education. Only if that is gained, will we be able to make wise use of all other fields of education in this world."

- Amma
SCHOOL HIGHLIGHTS

ISTE Workshop

Amrita School of Engineering, Bengaluru, was one of the remote centers chosen for hosting a two-week ISTE Workshop on “Effective Teaching/Learning of Computer Programming” which was conducted from 28th June to 10th July 2010.

The responsibility to facilitate the conduct of this workshop was entrusted with the Department of Computer Science and Engineering who took it up with great zeal and executed it successfully with technical assistance from ICTS Group. The following team of faculty coordinated the workshop.

Coordinator
Ms. B. Uma Maheswari, Assistant Professor

Members
Ms. Nalini S., Ms. Indu, Ms. Jyotsna C., Ms. Sreebha Baskaran

Around 35 teachers from various Engineering colleges registered for this workshop. The lectures were beamed across the country through two networks— satellite and the internet. The lectures were targeted at the teacher as the end-users. The speakers shared the tips on how C programming language can be taught with examples and highlighted the points that need to be stressed upon in a classroom. Quizzes were conducted by IIT-B for the participants. Participants were also given ample opportunity to have interactive sessions through group assignments during this workshop. The participants exhibited great enthusiasm and enjoyed their two week’s stay at Amrita.

The main purpose of education should be to impart a culture of the heart, a culture based on spiritual values

-Amma
ICPC Programming Contest Camp @ Infosys

For the first time in India, a programming camp was organized for advanced students of Computer Science, wanting to participate in the collegiate ACM-ICPC Programming Contest Camp. Amrita is one of two universities in India (the other being IIT-Kanpur) that conducts this world-wide contest every year to short-list participants for the world finals. Amrita School of Engineering Bangalore conducted the camp in partnership with the Campus Connect Program of Infosys.

39 students came from 19 engineering colleges across India. In addition to students of Amrita, we had students from IIT Madras, NIT Trichy and IIIT Hyderabad. A team of instructors from all over India volunteered their time and expertise. Many of the instructors were participants of ACM-ICPC and Google Code Jam world finals. Some had acquired top (Red) ranking in Topcoder (topcoder.com).

Over five days, students spent nearly six hours every day learning algorithms and concepts, including some pseudo code. They learned more about Data Structures, Number Theory, Dynamic Programming, Graph Theory, Combinatory, Geometry, Probability, Linear Algebra, Matrices, Search Techniques, Strings, RMQ/LCA, Iterative Techniques, Code Optimization.

“No real learning is possible as long if there is fear” - Amma
SCHOOL HIGHLIGHTS

Instructors with the Programme Coordinator Dr. Vallath Nandakumar

An active session at Infosys

“Only when goodness awakens within, will one's personality and actions gain beauty and strength.” Amma
SCHOOL HIGHLIGHTS

Gate Pass System – Complete solution for tracking the Gate Passes and Out Passes

Gate Pass System - A complete software solution to issue and track passes for students- has been developed in-house and installed in the campus in the month of July 2010.

The Software enables the issue of gate passes and out passes for students, and can track the movement of students. A wide variety of reports can be generated from the system which will help the hostel wardens and admin department to keep track of the students. The system also has features to block the issue of passes to students if they have come late during the last outing.

The software is developed by a team of students (Mr. Rashmesh R.K., Mr. Pavan Kashyap S – VII semester CSE, Mr. Sudeep Kumar – VII semester IT as seen in the photo) under the guidance of Mr. Rajesh M., Asst. Professor from the Department of Computer Science and Engineering.

The security team at Amrita has started effectively using the system from 28th July.

“Only when goodness awakens within, will one's personality and actions gain beauty and strength.”- Amma
**SCHOOL HIGHLIGHTS**

**Orientation Programme for B.Tech. First Year students**

Amrita School of Engineering Bengaluru, conducted an Orientation Programme for the 2010 batch on 28th July 2010. The program facilitated the induction and a smooth transition of the new first year students to the Campus environment and University life.

Faculty Advisors led the students to light the lamps before the Goddess Saraswati, which symbolized the beginning of an educational endeavor.

The Orientation Programme was launched at the official welcome to the new students and their parents by the Correspondent, Brahmachari Dhanraj Swami. The ceremony was presided over by Swami Amritageetanandapuri who enlightened the students on basic ethical values, wishing them success. The Associate Dean Dr. S.G. Rakesh reported the achievements and accomplishments of the students and faculty, setting new milestones for progress.

The Chief Guest, Mr. B.N. Satyesh, Senior Vice-President at Tejas Networks, spoke about the challenges of the transition from learning at High School to learning at University. He implored the students to use the opportunity at Amrita wisely. His emphasis on hard work, consistency in efforts, and a balanced attitude were valuable tips he had to offer to the young receptive minds.

Dr. B.N. Nagaraj, Dean Academics, Amrita Vishwa Vidyapeetham, spoke about the vision and the mission of Amrita University. The chairs of various academic, co-curricular and extra-curricular wings provided an overview of each field and helped the first-year students to get a sense of what is offered to and expected of them.

The program was greatly appreciated by the parents, and well-taken by the students, who were left with a feeling of familiarity with the new system.

“Just as a person needs air to breath, the soul needs to be nurtured with love and care.” - Amma
“Just as a person needs air to breathe, the soul needs to be nurtured with love and care.” - Amma
“Whenever a heart beats with compassion : God is there.”- Amma

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### PAPERS PRESENTED

<table>
<thead>
<tr>
<th>NAME</th>
<th>PAPER PRESENTED</th>
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<th>NAME OF THE EVENT/ PUBLICATION</th>
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### WORKSHOPS / SEMINARS / CONFERENCES ATTENDED

<table>
<thead>
<tr>
<th>NAME</th>
<th>TITLE</th>
<th>NAME OF THE ORGANIZER</th>
<th>DATE</th>
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<tbody>
<tr>
<td>Co-ordinators:</td>
<td>“Foundation course on Analog IC Design (FCAIC)”</td>
<td>Amrita School of Engineering, Bangalore</td>
<td>1st to 7th July 2010</td>
<td>Amrita School of Engineering, Bangalore</td>
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<td>Ms. Ponni M,</td>
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<td>Prof. Pukhraj Vaya</td>
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<td>Mr. Satish Kumar</td>
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<td>Mrs. Sanjika Devi</td>
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<td>Mrs. Anuradha</td>
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<td>Mrs. Renuka R. Nair</td>
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FACULTY ACHIEVEMENTS / PARTICIPATION / RECOGNITION

Following faculty have completed M.Tech. (VLSI Design), from Amrita Vishwa Vidyapeetham, Bangalore Campus, in July 2010:

- Mrs. M. Vinodhini
- Mrs. Kirti S. Pande

OTHER NEWS

- Mrs. S. Sumathi joined as Assistant Professor on 1st July 2010. She comes in with an M.E. IN Communication System and experience of over 10 years of teaching.

- Mrs. Renuka R. Nair, an M.tech. in VLSI Design, joined as Assistant Professor on 1st July 2010. Prior to joining Amrita, she was with Tata ELXSI Pvt. Ltd. For 4 years.

- Mr. Vishwajith, an M.Tech. in Biomedical Engineering from IIT, Chennai joined as Assistant Professor on 1st July 2010.

- Mr. Purna Chand joined as Assistant Professor on 7th July 2010. He is M.Tech. from IIT, Chennai.
STUDENTS’ ACHIEVEMENTS

K. Sree Harsha, a VII semester student has completed his internship in *Medical Image Analysis Lab* at John F. Welch Technology Centre organized by GE India Technology Centre Pvt. Ltd., Whitefield Road, Bangalore, from 17th May to 23rd July 2010.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

WORKSHOPS / SEMINARS / CONFERENCES ATTENDED

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<tr>
<th>NAME</th>
<th>TITLE</th>
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<tbody>
<tr>
<td>Ms. Vineetha Jain</td>
<td>“AICTE – MHRD sponsored Summer School on “Cloud Computing and Virtualization”</td>
<td>AICTE – MHRD</td>
<td>12th-18th July 2010</td>
<td>National Institute of Technology, Surathkal</td>
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<td>Ms. Mamtha V</td>
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<tr>
<td>Ms. Divyaprabha K. N.</td>
<td>“Faculty Enablement Programme on “Business Intelligence and its Applications”</td>
<td>Infosys</td>
<td>12th – 16th July 2010</td>
<td>Infosys Campus, Mysore</td>
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<tr>
<td>Ms. Kavitha C.R.</td>
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</table>
FACULTY ACHIEVEMENTS / PARTICIPATION / RECOGNITION

- Dr. T. S. B. Sudarshan has been invited to be a part of the advisory committee for the International Conference on “Advances in Communication, Networking and Computing” (CNC2011), to be held from 23rd to 24th Feb 2011 at Bangalore.

- Dr. T. S. B. Sudarshan has been invited to be the Technical Chair for the International Joint Journal Conference in Engineering (IJJCE2011), to be held in May 2011 at Kochi, Kerala.

- Dr. T. S. B. Sudarshan has been invited to be Publication Chair for the International Conference on “Recent Trends in Information, Telecommunication and Computing” (ITC2011), to be held from 10th to 11th March 2011 at Kochi, Kerala.

- Dr. T. S. B. Sudarshan has been invited to be a part of the technical programme committee for the International Conference on “Real-time Embedded Systems” (RTES2010), to be held during 1st to 2nd Nov 2010 at Singapore.

“When a heart beats with compassion : God is there.”—Amma
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

WORKSHOPS / SEMINARS / CONFERENCES ATTENDED

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<thead>
<tr>
<th>NAME</th>
<th>NATIONAL CONFERENCE</th>
<th>NAME OF THE ORGANIZER</th>
<th>DATE</th>
<th>VENUE</th>
</tr>
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<tbody>
<tr>
<td>Ms. Mini Sujith Mr. K. Ilango</td>
<td>“Digital Signal Processing”</td>
<td>Dr. T. R. Padmanabhan</td>
<td>5th - 15th July 2010</td>
<td>ASE, Ettimadai</td>
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<td>Amrita School of Engineering, Ettimadai</td>
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FACULTY ACHIEVEMENTS / PARTICIPATION / RECOGNITION

Mr. Manickavasagam has reviewed a research paper titled “Decoupled Power Flow Analysis by Newton-Raphson with Constant Matrices and Implicit Coupling”, for the International Journal, IET Generation, and Transmission & Distribution.

OTHER NEWS

Ms. Laxmi P. joined as Assistant Professor in EEE Dept in July 2010.

DEPARTMENT OF MATHEMATICS

WORKSHOPS / SEMINARS / CONFERENCES ATTENDED

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<tr>
<th>NAME</th>
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<th>DATE</th>
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<tbody>
<tr>
<td>Dr. K. V. Nagaraja, Mr. V. Kesavulu Naidu</td>
<td>“The Works of Srinivasa Ramanujan”</td>
<td>Department of Studies in Mathematics, University of Mysore</td>
<td>July 3rd, 2010</td>
<td>Department of Studies in Mathematics, University of Mysore</td>
</tr>
</tbody>
</table>

“Children should be brought up with an understanding of their culture” - Amma
OTHER NEWS

- Mr. Vivek Mugundan joined the institute as Assistant Professor on 1\textsuperscript{st} July 2010. He is M.Tech. in Thermal and Fluids Engineering.

- Mr. R. Pramod, M.Tech. in Design Engineering joined on 12\textsuperscript{th} July 2010.

- Mr. Raghavendra Ravikiran K, an M.Tech. in Computer Integrated Manufacturing joined on 12\textsuperscript{th} July 2010.

- Mr. B. N. Prashanth an M.Tech. in Product Design & Manufacturing joined on 21\textsuperscript{st} July 2010.

- Mr. Shashikumar joined on 23 July 2010. He is M. Tech. in Machine Design.

- Mr. Aravind Kumar M.S has been selected by IIT Guwahati for Ph. D. programme and was relieved from duties on 7\textsuperscript{th} July 2010.

“In the eyes of the spiritual aspirant all are different forms of God” - Amma
DEPARTMENT OF CIVIL ENGINEERING

OTHER NEWS

Mrs. Smita Singh has joined the Dept. as Assistant Professor on 12th July 2010.

DEPARTMENT OF CHEMISTRY

WORKSHOPS / SEMINARS / CONFERENCES ATTENDED

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<tr>
<th>NAME</th>
<th>WORKSHOP</th>
<th>NAME OF THE ORGANIZER</th>
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<tbody>
<tr>
<td>Dr. T. M. Mohan Kumar,</td>
<td>Faculty Development Workshop on “Environmental Issues - Towards a Sustainable Future”</td>
<td>Amrita Vishwa Vidyapeetham, Coimbatore</td>
<td>13th – 15th July 2010</td>
<td>Amrita Vishwa Vidyapeetham, Coimbatore</td>
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<td>Mr. S. Anil Kumar</td>
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LIBRARY

Book Shop Visit

• The Department of library arranged Book Shop visits for Engineering Faculty on 15th July 2010. Several renowned publishers and popular bookshops were visited to facilitate recommendation of relevant books to the library. Book Paradise and UBS Publication were some of the places visited.

• Mr. K. K. Suresh Kumar, attended a National Conference on "Indian Academic Libraries 2020" held from 12th to 14th August 2010 at SSIT Campus, Tumkur.

“Behind every success there is a sacrifice.” - Amma
Dr. Rakesh S.G.
Associate Dean
Patron

Ms. Smita Sail
Assistant Professor
Department of English
Editor-in-chief

Mr. Rajesh M.
Assistant Professor
Department of Computer Science and Engineering
Assistant Editor

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