

# RSET NEWS



**RSET**  
RAJAGIRI SCHOOL OF  
ENGINEERING & TECHNOLOGY

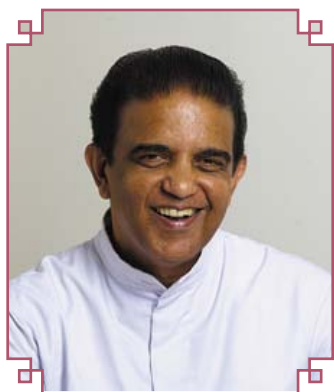


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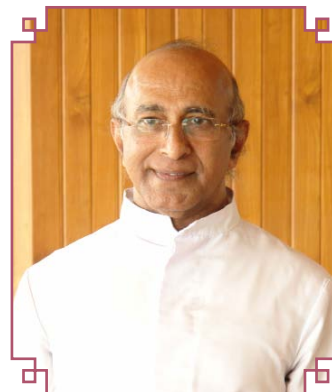
Issue II

May - Oct 2011

## REV. DR. ANTONY KARIYIL CMI TAKES CHARGE AS THE DIRECTOR



*Rev. Dr. Antony Kariyil CMI  
Director, RSET*



*Rev. Fr. Jose Alex Oruthayappally CMI,  
Provincial and Manager, RSET*

*Rev. Dr. Antony Kariyil CMI took over the office of the Director, RSET in May 2011, following the election of Rev. Fr. Jose Alex CMI as the Provincial of the Sacred Heart Province on April 7, 2011. Rev. Fr. Jose Alex CMI had been RSET's Director from 2002 to 2011.*

*Rev. Dr. Antony Kariyil CMI is an eminent scholar and academician, with many laurels to his credit. A PhD holder in Sociology from the University of Pune, from where he completed his post graduation with first rank, he also holds Licentiate in Philosophy, and Bachelor of Theology degrees.*

*He started his career as a lecturer in S.H. College, Thevara in 1974, from where he moved to Christ College, Bangalore in 1975. He was the Professor & Head, Dept of Sociology at Christ College for close to two decades, and the Principal, from 1989 to 1997. He then assumed the mantle of the Principal, Rajagiri College of Social Sciences, from 1997 to 2002. As a distinguished academician, he has served as the member of various academic bodies, including the Academic Council of the Bangalore University; Board of Studies in Sociology of Bangalore University and Calicut University; Board of Studies in Social Work of Calicut University; Senate of the Cochin*

*University of Science & Technology; and Syndicate of the M.G. University. An avid researcher, he has several publications to his credit, including two books 'Church and Society in Kerala: A Sociological Study' and 'Thiruvayassu'.*

*Dr. Antony Kariyil was the Vicar Provincial and Secretary for Social Work of the CMI Sacred Heart Province, Kochi from 1999 to 2002. He was elected the Prior General of the CMI congregation in 2002; after which he served as the Provincial Superior of the Sacred Heart Province and Manager of Rajagiri Educational Institutions from 2008 to 2011.*

*Dr. Antony Kariyil's untiring efforts and hard work had been instrumental in the establishment of RSET. He has guided, supported and has shouldered a crucial role in the growth of RSET from the early days and continued to nurture the institution even when he was elected as the prior general of CMI congregation from 2002 to 2008.*

*In the provincial elections, Rev. Fr. John Therezhathu CMI, Administrator, RSET, was elected the Secretary for Finance, while Rev. Dr. Varghese Panthaloookaran CMI, RSET was elected Secretary for Education of the Sacred Heart Province.*



## SAMAVARTHANAM 2011



The Course Completion Ceremony of the seventh batch of B.Tech students, 'Samavarthanam 2011' was held on May 25, 2011. Dr. J. Prasad, Vice Chancellor, Sree Sankaracharya Sanskrit University, Kalady, was the Chief Guest for the day.

Four hundred and twenty three graduands from the five engineering disciplines of Electronics & Communication Engineering, Electrical & Electronics Engineering, Applied Electronics & Instrumentation, Computer Sciences & Engineering, and Information Technology received their course completion certificates on the occasion.



In his graduation address, Dr. J. Prasad laid emphasis on the need for higher studies and research in the development of engineering professionals. He also pointed out that it was high time engineering graduates came into the arena of national development.

Director, Rev. Dr. Antony Kariyil CMI, welcomed the gathering. Principal, Dr. J. Isaac administered the oath to the graduands. Ms. Asha Panicker, Convener, Samavarthanam 2011, proposed the vote of thanks.



AEI



EEE



CSE



CSE



ECE



ECE



IT



# DEEKSHARAMBHAM 2011

*Deeksharambham 2011, the initiation ceremony of the 11th batch of B. Tech students and 3rd batch of M. Tech students of Rajagiri School of Engineering and Technology (RSET) was conducted on August 17, 2011. The programme started with a Holy Mass, which was followed by the lighting of lamps by all the first year students.*

*Dr. Rajan Gurukkal P.M., Vice Chancellor, M.G. University, inaugurated the ceremony. Delivering the Deeksharambham address, Dr. Rajan Gurukkal urged the student community to rent themselves away from the shackles of slumber, and become an engineer with professional perfection. He pointed out that 92% of the student community in higher education was in slumber, and had no experience of the dynamics of their discipline. He compared them to objects floating in the water, with no idea of where they were headed, but carried to their destination by the currents. He also stated that an engineering student should necessarily develop the faculties of cognition, analysis, communication and application necessary for perfection in their profession.*

*Dr. J. Isaac, Principal, welcomed the gathering. Rev. Fr. Jose Alex CMI, Manager and Provincial of the Sacred Heart Province of the CMI congregation, presided over the ceremony. In his address, Fr. Alex exhorted the students to master technical skills through hard work, and thereby fulfill the expectations their parents and teachers had placed in them.*

*Through his address, RSET's Director, Rev. Dr. Antony Kariyil CMI shared the three important concepts of the Rajagiri motto: learn, serve, and excel; and asked the students to internalize the qualities of regularity, punctuality and commitment for their future success.*

*The class of the first batch of B.Tech Mechanical Engineering was inaugurated by the Principal on September 1.*



## RSET BAGS 5 UNIVERSITY RANKS IN THE MGU B.TECH DEGREE EXAMS

*RSET students of the 2007-2011 batch bagged 5 University Ranks in the MGU University B.Tech Degree examinations held in April-May 2011.*

*The rank holders are*

*Rakesh R. Pai (I) of Applied Electronics & Instrumentation*

*Keerthi Chacko (II) of Applied Electronics & Instrumentation*

*Nighila V. Paul (III) of Applied Electronics & Instrumentation*

*Prince Thomas (II) of Electronics & Communication Engineering*

*Gokul Menon (III) of Information Technology.*

### *Applied Electronics & Instrumentation*



*Rakesh R. Pai (I)*



*Keerthi Chacko (II)*



*Nighila V. Paul (III)*



*Prince Thomas (II)*

*Electronics & Communication Engineering*



*Gokul Menon (III)*

*Information Technology.*



## FIRST INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING & COMMUNICATIONS (ACC 2011)

The first International Conference on 'Advances in Computing and Communications (ACC-2011)' was inaugurated by Dr. Achuthsankar S. Nair, Director, State Inter University Centre of Excellence in Bioinformatics, University of Kerala, at the Rajagiri School of Engineering & Technology (RSET), Kakkannad on Friday, July 22, 2011. In his inaugural address, Dr. Achuthsankar S. Nair stressed on the need for networking in the layman's life, and especially on 'janatha' computers. He also said that the wireless transmission of power should be the focus of future research. Dr. Nair released the ACC-2011 Conference Proceedings on the occasion.

Rev. Fr. Jose Alex CMI, Provincial & Manager, S.H. Province, presided over the inaugural ceremony. Rev. Dr. Antony Kariyil CMI, Director, RSET, addressed the gathering. Dr. Ajith Abraham, Machine Intelligence Research Labs, USA, and Dr. Narayan C. Debnath, Winona State University, USA, offered felicitations. RSET Principal Dr. J. Isaac welcomed the gathering, and Dr. Sabu M.

Thampi, Associate Professor, Indian Institute of Information Technology and Management – Kerala & Conference Chair ACC-2011, proposed the vote of thanks.

The 3-day conference, which concluded on July 24 aimed at providing an invaluable opportunity for interaction between students, researchers and practitioners from both academia and industry in the fields of Computer Science, Information Technology and Electronics. More than 700 papers were received from over 38 countries out of which 300 were selected.

The conference included technical sessions, workshops, tutorials, and demonstration sessions. Workshops were conducted on the topics Trust Management in P2P Systems, Multimedia Streaming, Cloud Computing, Identity Management, and Signal Processing. Tutorials on Macintosh Forensics, Network Forensics, and Next-Generation Cloud Computing were the other highlights of ACC-2011.



## PLACEMENTS

Rajagiri placements are at a new high at the end of Phase 1 of the campus recruitment programme. Phase 1 which began in September 2011 ended with the visit of Bosch (offered “dream status”) to the campus in early October 2011.

The number of recruitments has leapfrogged to dizzy heights eclipsing previous tops by substantial margins. Cognizant Technology Solutions (CTS) has made 254 offers which is probably the highest single number ever for any college in Kerala in both Govt. and private sec-

tors alike. Other companies like Infosys, Wipro, Accenture and HCL Technologies too made substantial offers. Sandwiched in between was a “dream company”, Sourcebits, a niche applications company, working on the Android, Blackberry and iPhones platform with a substantially higher starting salary. They made 5 offers.

A total of 1002 offers have been received by the end of Phase 1. Phase 2 of the campus placements will start after the university exams.

**Placement status 2012 batch as on 04.11.2011**

	Infosys	CTS	Accenture	Wipro VLSI	Wipro	HCL	Sourcebits	Bosch	Arbitron	UST Global	iGATE Patni	Offers	Placed
AEI	21	31	18	8	13	0	0	2		2	3	98	46
CSE	66	76	60	0	64	64	4	0	4		1	339	104
ECE	66	82	47	31	21	66	0	20				333	107
EEE	26	28	18	8	17	0	1	3		1	4	106	48
IT	24	24	23	0	17	22	2	0		1	1	114	43
<b>B.Tech Total</b>	<b>203</b>	<b>241</b>	<b>166</b>	<b>47</b>	<b>132</b>	<b>152</b>	<b>7</b>	<b>25</b>	<b>4</b>	<b>4</b>	<b>9</b>	<b>990</b>	<b>348</b>
MCA	5	13	5	0	8	0	0	0	0	0	1	32	19
<b>Total</b>	<b>208</b>	<b>254</b>	<b>171</b>	<b>47</b>	<b>140</b>	<b>152</b>	<b>7</b>	<b>25</b>	<b>4</b>	<b>4</b>	<b>10</b>	<b>1022</b>	<b>367</b>

## TALKS, SEMINARS & LECTURES:

- FDP talk by Dr. Devadas Menon, IIT Chennai, was organized on May 23, 2011.
- Expert talk by Prof. Pandu Rangan. C. (Dept. of CS, IIT Madras), was organized by DCS on July 7.
- Seminar on the topic Power System Design by Dr S.K. Sinha, IISc Bangalore was organized by DEE on July 7.
- Lecture by Dr. Chakravarthini (Mini) Saaj, University of Surrey on the topic Changing the Economics of Space: Future Trends in Space Exploration was delivered on July 25.
- Seminar on Creativity by Mr. Jayaprakasan Ambali, Principal Engineer at the Australian Civil Aviation Safety Authority was delivered on August 12.
- Expert talk on Distributed Control Systems was delivered by Ms. Mahalakshmi R., Yokogawa India Ltd, Bangalore on August 27, for the benefit of the staff of DEI.
- Technical paper presentation on SCADA by Mr. Naoki Yoshima from Yokogawa India Limited, was held as part of Continuing Education Programme, on September 14.
- The Rajagiri In Pursuit of Excellence Lecture 2011 was delivered by Ms. Jennifer A. McIntyre, U.S. Consul General on October 4.

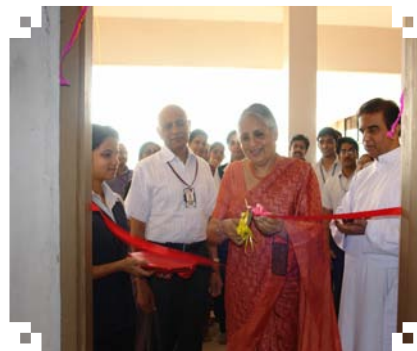


## WORKSHOPS & TRAINING:

- A one-month intensive training programme on Instrument Technology & Control System was organized by DEI in May 2011.
- Five-day workshop on Theory & Applications in Signal Processing was organized by DEI, in association with IETE from September 26 to 30.
- One-day workshop on Robotics in association with IETE was conducted on October 8.
- One-day workshop on Fractals was organized by the DBSH on October 29.

## COURSES:

- Preparatory Course for engineering aspirants was organized by DBE from May 2 to 4, 2011.
- Faculty Development Programmes in-
  - Instrumentation Fundamentals Issues & Solutions by Prof. P.R. Madhava Panicker;*
  - Fractals & Application by Dr. Vinod Kumar P.B.;*
  - Semiconductor Device Technology & Modelling by Dr Praveen M. Shenoy;*
  - Stochastic Optimization by Dr Abraham Thomas;*
  - Project Management by Prof. K. S. Mathew;*
  - Digital Control Systems by Prof. K. R. Varmah;*
  - Space Time Wireless Communications by Dr C. Karthikeyan;*
  - Machine Learning by Prof. Dominic Mathew;*
  - Challenges and Solutions in Multi-core Adaptation of Software by Prof. Janardhanan P.S.;*
  - Wavelets and Applications by Dr. M.N. Namboodhiri,*were offered for the benefit of the RSET faculty in May 2011.



- DCS (under CEC) offered Short term course on PC Hardware and Networking from June 6 to 10.
- DEC (under CEC) offered short term courses in – OrCAD, PIC18F4520 Microcontroller, Robotics, VLSI & Embedded Systems Design, LabVIEW from June 8 to 29.
- DEE (under CEC) offered Short term course on MATLAB applications in Power Electronic Circuits from June 13 to 17.
- DEI offered a course in Latex for IInd year M.Tech students in June.
- DEI (under CEC) offered three-month Intensive Training Programme on Process Control & Instrumentation, in association with Yokogawa India Ltd, from June 17 to September 26. The course was inaugurated by Shri. K. Babu, Hon'ble Minister for Excise and Ports, Govt of Kerala.
- DCS & DIT jointly organized Bridge Course in Logic Development for S3 students with Biology background, from June 21 to 24.
- Training & Development Cell conducted classes for S5 in June –July, and S3 in July.

## EVENTS:

- Student Project Exhibition organized by DEC was inaugurated by Ms. Pamela Anna Mathew, MD, OEN India Ltd on July 19.
- Student Project Exhibition organized by DEI was held on July 19 & 20.
- The swearing –in ceremony of Students' Council 2011-'12 was held on August 3. The following students were sworn in as office bearers of the council.

Chairman	:	WILFRED BABY (S7EC $\beta$ )
Vice Chairperson	:	AASHIKA ELIZABETH (S7EC $\alpha$ )
General Secretary	:	ASWIN KRISHNAN (S7 AEI)
Arts Club Secretary	:	ANTONY PALACKAN (S7 IT)
Sports Club Secretary	:	JOE THALIATH (S7EC $\alpha$ )
Magazine Editor	:	SRUTHI THOMAS (S5CS $\beta$ )
University Union Councilors	:	AIDA ISSAC (S5 CS $\alpha$ ) & AMAL SAJU (S3 EC $\alpha$ )
Female Representative	:	JAN PRIYA (S7 IT)
Final Year Representative	:	PAUL VARGHESE (S7CS $\beta$ )
Third Year Representative	:	MATHEW ABRAHAM (S5EC $\beta$ )
Second Year Representative	:	C. ASHWIN MENON (S3CS $\alpha$ )



- *i-TRAX (2011-12) was inaugurated by Mr. S. Thomas, CTO, VVDN Technologies Pvt Ltd on August 4.*
- *CYBERBLITZ (2011-12) was inaugurated by Mr. Sunil Balakrishnan, the Center Head of Kochi Development Center, UST Global on August 22.*
- *RSET's one day techfest Techkshetra 2011 was conducted on September 16.*

## **SNIPPETS:**

- *Admission to B.Tech programmes 2011 was held on July 11.*
- *S5 AEI students visited MIL Controls Ltd, Kochi on July 11 & 12.*
- *Presentation by Yi team along with the Innovation team head and HR head of Cognizant Technologies Solutions on the 3rd edition of "Innovator 2011"-an event aimed at identifying and showcasing the innovative ideas was conducted on August 18.*
- *Onam celebrations were on September 2.*
- *Quiz on General Mathematics for SIS2 was conducted on October 17. The winners are Sijin Sebastian (B), Sophia George (E), Regil Tom C.J. (D), and M. Sankar (D).*

## **ACCOMPLISHMENTS:**

- *Mini projects by three S7 DEI student groups were selected for the Texas Instruments India Analog Design Contest 2011 held on June 21. The projects and the students are:  
Microcontroller Based Oven For Temperature Sensitive Circuits by Nithu Anna Baji, Ashiq George, Anu Tomy, and Cerin George.  
Open Loop Gain Meter by Neenu George, Varsha Gopalakrishnan, and Vishnu R.  
Electronics Christmas Tree by Krishnendu, Ashik Vithayathil, Rosmi John, and Pooja Haridas.*
- *Annmol Cherian and Ajay Augustine of the 2011 batch AEI presented a paper titled Thermal modeling and analysis of 3-dimensional memory integration in the First International Conference on Computer Science Engineering and Applications (CCSEA 2011) organized during July 15-17, 2011 at Chennai.*
- *Three students of S7 ECE  $\beta$  got prizes for the event Star of Horizon, at the techfest Horizon held at Saintgits College, Kottayam on August 12. The students are Neena Wilson - 1st prize, Neethu Acha Cherian - 2nd prize, and Malavika S. - 3rd prize.*
- *Two students of S7 ECE  $\alpha$  - Jithin Skaria and Jacob Babu got the third prize for their project Ignition Inter lock System Using Helmet Breathalyzer at the Project Expo conducted as a part of the techfest Horizon held at Saintgits college, Kottayam on August 12.*
- *Two students of S5ECE, Aju Thomas and Febin Philip got the second prize for the event 'Whats the funda' at EXCEL 2011, the techfest held at Model Engineering College from September 23 to 25.*
- *S5 & S7 EEE students won several prizes at Takshak 11, techfest organized by MACE, Kothamangalam, on September 30.*



*Swetha Pai & Monish Daniel E. won second prize for the Paper presentation contest Patrika.*

*N.A. Abdul Azeem and Teenu Joy won second prize for the event Labtrix.*

*N.A. Abdul Azeem and Teenu Joy won third prize for the event Junkyard Wars.*

- *RSET Table Tennis Team comprising Vivek Xavier Raju (S3 CS), Jithin Thomas (S3 CS), Job Joshua (S3CS), Ajith Cherian (S3 AEI) and Jinju P.K. (S7 ECE) secured the fourth position in the M.G. University Inter-Collegiate Table Tennis Championship held at B.K. College, Amalagiri in the first week of September.*
- *Deepak R. Nair (S3 EEE) has been selected to the M.G. University Debating Team.*
- *Sijin Sebastian and Sophia George of SIS2 won the first prize in the All Kerala Inter-Collegiate Mathematics Quiz Competition conducted by St. Joseph's College , Irinjalakuda on October 19*

**“ RSET HAS STARTED B.TECH MECHANICAL ENGINEERING & OBTAINED AICTE APPROVAL TO START M.TECH NETWORK ENGINEERING FROM THE ACADEMIC YEAR 2011 ONWARDS ”**

**ENDNOTE:**

*“True religion is the life we live, not the creed we profess.”*

*- J.F. Wright*

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