



RAJIV GANDHI INSTITUTE OF TECHNOLOGY

RIT NEWS LETTER

KOTTAYAM



Volume – 1

No. 3

September 2014 – December 2014

Visit: www.rit.ac.inEmail : ritnewsletter@rit.ac.in

■ PRINCIPAL'S COLUMN ■



While another year of great happenings is coming to an end along with a new year of hopes and aspirations blossoming in everyone's hearts and minds, I am proud to see the developments we could achieve at RIT through the hard work of all faculty members and students. We have achieved a remarkable bench mark in terms of campus placements as well as the percentage of students getting admitted for their higher studies in many prestigious institutions all over the country. And, even amidst tight academic schedule, students and faculty members have put in the efforts to boost up the activities in RIT to this fill every nook and corner of the third edition of our Newsletter.

At this occasion I am reminded of the famous words of the great artist and former psychiatry-in-Chief at Johns Hopkins, Joel Elkes "You are the laboratory, and everyday is an experiment. Go and find what is new and unexpected". Wishing all the best to every member of RIT family for their diligent efforts in all curricular and extra-curricular activities.

Dr. K.P. Indiradevi

SPECIAL ACTIVITIES

IEEE day was celebrated on 7th october 2014 at seminar hall in Electrical Engineering Department. Dr. Mini S. Thomas , Professor, Department of Electrical engineering of

Jamia Millia Islamia was the chief guest of the day. She is currently a board member of IEEE EAB (Educational Activities Board) and is a member of PES LRP (Long Range Planning) committee. Prof. Mary George, HOD, EEE, Prof. Leena Mary, HOD, ECE and Ms. Anu George, IEEE Staff Advisor, felicitated the function.



Snap on IEEE Day Celebration

Civil Engineering Association of RIT was inaugurated by Dr. M.C. Philipose, Principal SAINTGITS College of Engg, Pathamuttam on 10th October 2014. Logo for the Civil Engineering Association was selected from the works put up by the students on a contest basis and the brochure of the Civil Engg. Dept. was released during the function.



Inauguration of CEA

The Electrical Engineering Association was inaugurated on 13th October 2014 co-ordinated by staff advisor Mrs. Lekshmi Mohan. Mr. Anil Kumar, executive engineer of KSEB inaugurated the function by lighting the lamp and delivered the inaugural speech. He also graced the occasion with an interactive talk on the topic “Communication Development Skills”. The program was concluded by vote of thanks from the association secretary Alex Thomas Olassayil.



Inauguration of EEA

A Memorandum of Agreement is signed between CDAC, Trivandrum and Electrical Engineering Department, RIT, Kottayam on 29th October 2014. The agreement is signed by Dr. Z. V. Lackaparampil, Joint Director CDAC, Trivandrum on behalf of CDAC, Trivandrum and Dr. K P Indira Devi, Principal RIT, Kottayam on behalf of RIT, Kottayam. Dr. Renji Chacko, Scientist E, CDAC, Trivandrum represented CDAC in the function.



Official handing over of MOA

VISITING FACULTY PROGRAMMES

In the Department of Computer Applications, Mr. Syam S. Pillai, CEO, Dmitri Tech Solutions Pvt. Ltd., Cochin, Mr. Vivek P., Co-founder and Senior Android Developer and Mr. Vijil Dhas, Android Developer, Mobule Edu-Tab Pvt. Ltd., Cochintook sessions in

November 2014 on Development of Mobile Technology and Market Overview, Features of Android operating system, Integrated Development environment (IDE) Eclipse and development of mobile applications.

In Dept. of Computer Science and Engg., an expert lecture by Dr. Naveen Sivadasan, Professor, IIT, Hyderabad on “Algorithms for Big Data” was organized by Ms. Nisha K.K. on 17th Sept 2014.

PUBLICATIONS

Mr. Shibukumar K.B. of CSE Dept. published a paper titled “A Multi-core Version of FreeRTOS Verified for Data Race and Deadlock Freedom” in 12th ACM-IEEE International Conference on Formal Methods and Models for System Design (MEMOCODE'14), Oct. 19-21, 2014, EPFL, Lausanne.

He also published a paper titled “Probabilistic Algorithms for Election Result Prediction” in 2014 International Conference on Soft Computing and Machine Intelligence (ISCM2014), Sept. 26-27, 2014, New Delhi.

Dr. B.K. Bindu of CE Dept., “Effect of Organic Loading Rate on Anaerobic Degradation of Kitchen Waste”, *Proceedings of 4th National Technological Congress Kerala (NATCON 2014)*, pp. 50-53.

Dr. N.V. Sobhana, HOD, CSE Dept. published a paper titled “Discovering effective patterns for an efficient document clustering and searching” in International Journal of Advanced Information Science and Technology (ISSN: 2319 – 2682) OCTOBER 2014.

She also published “Recognizing Surgically Altered Face Images” in IJAIST Journal (ISSN: 2319 – 2682), OCTOBER 2014.

Mr. Tomsy Paul, Department of Computer Applications presented a paper titled “Parallel For loop and parallel reduction: an SMP comparison of four languages” in the International Conference on Information and

Communication Technologies(ICICT 2014)organised by School of Engineering, CUSATin Dec 2014.

Dr. P.Biju Augustine of ME Dept. presented his Ph.D. work titled “Production Planning and Control” at Monash University organized by Malaysia and IEEE chapter Malaysia International Conference (IEEM-2014) from 9th to 13th December 2014.

Dr. Binumol Tom, Professor and Head of the Department of Architecture delivered the key note address on the topic “Thoughts on Architecture, Culture and Critical Regionalism”, during 'Aakriti 2014' symposium conducted on 20th October 2014, at Al Salama Institute of Architecture, Perinthalmanna.

She also delivered a talk on the topic “Conservation of Timber structures – unearthing the traditional knowledge systems”, on 3rd December 2014 during the “Indo – Italian workshop on conservation of wood and wooden artifacts”, organized by Indian National Trust for Art and Cultural Heritage (INTACH) Conservation Institute, Bangalore from December 2 -4, 2014 ICI Bangalore, at the Karnataka Chitrakala Parishath

TRAINING PROGRAMMES/ SHORT TERM COURSES

An STTP on “Research Methodology” was organized by *Dr. Leena Mary* and *Dr. David Solomon George* at Dept. of ECE from 1st to 5th Dec 2014.



Dr. Ashok Rao, Former Head, Network Project, CEDT, Iisc, Bangalore



Dr. K. Balan, Director, CERD

Dr. Leena Mary, HOD, ECE attended WISP (Workshop in Image and Speech Processing) at IIT Hyderabad in December 2014.

Dr. N.V. Sobhana, HOD, CSE attended Annual National Convention of ISTE at College of Engg. Trivandrum in November 2014.

Mrs. Lathakumari V.K., Computer Programmer, Dept. of Computer Applications attended “Web Application Development using Java Technologies” by CDAC, Thiruvananthapuram from Nov 24 – Dec 19 2014.

CONGRATULATIONS !

Mrs. Dolly Mary A., EEE was awarded Doctorate by National Institute of Technology, Calicut in December 2014



Dr. Leena Mary, HOD, ECE cleared patent search of Prosody based Text Independent Speaker Verification System.

Dr. Sobhana N. V. on grants fetched from “State Commissionerate for Persons with Disabilities” on the project vehicle tracking system.

CIVIL ENGINEERING ALUMNI MAKE IT TO INDIAN ENGINEERING SERVICE



ISLY ISSAC (2005-09) RALCEME S (2006-10)
IES All India Rank 2013-99 IES All India Rank 2014-162

EEE M.TECH INDUSTRIAL DRIVES AND CONTROL - MGU RANK HOLDERS



ANET JOSE(1st RANK) SREERAG K.S(2nd) BERNARD JOSE(3rd)

STUDENT ACTIVITIES

S1S2 Mechanical students were the champions of "Automobile Challenge" at Annual technical symposium organized by IIT Kanpur.

The Mechanical Engg.department library was digitalized by the second year M.Tech students with the guidance of Prof. Sabu K. T. and was inaugurated on 24 October 2014 with the title "The Archive".

The M.Tech Thesis Contest 2014 of Electrical Engineering stream was conducted on 17th October 2014.1st prize: Aswathy Vijay. Title: "Speed and stator resistance estimation of four quadrant vector controlled induction motor drives" guided by Prof. Binoj Kumar A.C.

Robert Joseph, Melvin Joseph and Donald James of S2 MCA attended "Start-up Workshop: Business Model Development", conducted at Technopark, Trivandrum on 15th Nov 2014.

Abraham Jaison and Bittu Dinesh of S1 M.Tech CSE secured first prize for the student paper presentations in National Level Symposium conducted by school of computer sciences, MG university in Dec 2014. The

paper title "A hybrid approach for Named Entity Recognition".



Snap at miniproject exhibition in EEE in Oct 2014

S1S2 MechanicalEngg.took initiativefor "The Clean Campus Challenge" on 25.11.2014



The backyard of Mechanical Engineering Department before and after cleaning

INSPIRATIONAL QUOTE

Nothing is particularly hard if you divide it into small jobs.....Henry Ford

PRINTED AND PUBLISHED BY PRINCIPAL, RIT

EDITORIAL TEAM - Dr. Binumul Tom, Professor, Department of Architecture and Mr. ShinojSukumaran, Assistant Professor, Department of Electronics and Communication.