

## ICDCS'14 REPORT

The Department of Electronics and Communication Engineering, Karunya University, Coimbatore has once again made its mark by successfully completing the 2<sup>nd</sup> International Conference on Circuits, Devices and Systems 2014, ICDCS'14 during 6<sup>th</sup> -8<sup>th</sup> March 2014.

It aimed to bring together innovative academics and industrial experts in the field of Electronic devices, Circuits and Systems to a common forum. The primary goal of the conference was to promote research and developmental activities in Electronic devices, Circuits and Systems. It also aimed to promote scientific information interchange between researchers, developers, engineers, students, and practitioners working in India and abroad. The conference was organized to make it an ideal platform for people to share views and experiences in Electronic devices, Circuits and Systems and related areas. Practicing engineers, scientists from R&D Institutions, faculty members of engineering colleges, research scholars and post-graduate students are expected to participate in this conference. The technical sponsors were IEEE EDS Asia Chapter and IETE. Totally, 500 papers were received from across the country and neighbouring countries Bangladesh and Singapore, out of which only 150 papers were selected by the expertise review panel members in and around Tamil Nadu. Finally 103 papers were registered for the conference and its presented in the conference for Three days. All the selected papers will be published in IEEE xplore in the near future.

By the grace of the Almighty God, ECE Department inaugurated the ICDCS'14 on the quiet summer morning of 6<sup>th</sup> March 2014 in the ELOHIM Auditorium at 9.30a.m. The Chief Guests of the day was **Dr. Gaddie Eisenstein, Technion Institute of Technology, Israel**. The Vice-Chancellor, Karunya University, **Dr.Sundar Manoharan**, the Pro-Vice Chancellor **Dr. Sarvjeet Herbert** and the Registrar **Dr.Joseph Kennady** felicitated the event. The keynote address by **Prof. Gadi Eisenstein** on "*Direct Observation of Coherent Effects in Room Temperature Semiconductor Lasers and Amplifiers*" gave a good insight into the recent trends in technology and open areas of research.

In the afternoon session, **Dr.V.Ramgopal Rao, Institute Chair Professor, Department of Electrical Engineering, IIT Bombay**, gave a special talk on "*Nanotechnology & Product Development: Opportunities & Challenges*" and **Dr.R.K.Gnanamurthy**, Principal, SKP Engineering College, Tiruvannamalai, gave a keynote speech on "*Overview of Advanced Networks*". On 7<sup>th</sup> March 2014, **Dr.N.MohanKumar, IEEE- EDS, Madras Chair & Professor, S.K.P. Engineering College, Tiruvannamalai** gave a special invitee talk on "*Development and Validation of Compact Models for Quaternary GaN HEMT Devices for High Power, High Breakdown and Optoelectronic Applications*" and **Dr.Chandan Kumar Sarkar, Electronics and Telecommunication Engineering Department, Jadavpur University, Kolkata**, gave a special lecture on "*Advanced Heterostructure Based Nano Scale MOSFETs*".

On the last day of the conference, i.e., 8<sup>th</sup> March 2014, all the participants were taken to nearby hill station, Ooty. All had a nice time there and everyone departed from Coimbatore by the same night 9 PM after having their dinner. The conference provided a good and memorable experience for all the committee members and participants.



**Respected Vice Chancellor Dr. Sundar Manoharan addresses the delegates**



**Estemmed Chief Guest Prof. Gadi Eisenstein released the department magazine**



**Esteemed Chief Guest Prof. Gadi Eisenstein delivers the inaugural address**