

# Department of Electronics and Communication Engineering

## National Institute of Technology Silchar

### Faculty achievements:

- Dept. has successfully organized one 'Faculty Development Program'; two 'Finishing School'; one 'One Day Seminar' and one 'Three Days Workshop', 2015.
- Around 10 to 12 papers have been accepted or published in high impact factor SCI Journals like IEEE, Elsevier, Springer for the session 2014-2015 etc.
- 10 papers have been accepted for presentation in prestigious IEEE conference 'IEEE TENCON' in MACAU during 1-4<sup>th</sup> Nov, 2015.
- Faculty members have bagged 3 no. of sponsored research projects in 2015 funded by Deity, and other agencies
  - i) National Disaster Spectrum and Disaster Communication Backbone Architecture (DiCOBA).
  - ii) System on Chip Smart Visual System.
  - iii) Size Based Faster Access Cloud Computing.
- INTEL Embedded Research and Education Program funded by INTEL.
- NMEICT Remote Centre received grant of Rs. 7.8 Lakhs ( Rs. 5+ Rs. 2.8) from IITB
- One faculty was invited by the Honourable President of India for Presenting the Activities of Indovation Lab of NITS in Rashtrapti Bhavan in March, 2015.
- Dept. join hands with IIT Chennai for Developing "System on Chip on Speech Recognition System".
- 10+ projects sponsored by agencies such as DeitY, DST, BARC, ISRO : approximately Rs. 5.5 Crores
- Speech lab, HPC, Indovation Lab is established by active coordinator ship of ECE faculty members.
- Faculty Members served as Visiting Faculty to NIT Mizoram.

- 4 faculty members were Invited speakers in AIU workshop at NIT Silchar.
- 20 no. of PhD scholars got admitted under Dept. of ECE in July-Dec, 2015 session.
- Dept. has bagged “VISVESVARYA PhD Scheme 2015” and 6 PhD scholars got admitted under this scheme.
- Two Faculty members have visited abroad (USA & Singapore) : One as Delegated in Intel 2015 Embedded Education and Research programmes and other as Faculty advisor of IEEE EDS student chapter.
- Various faculties served in Technical Program Committee (TPC) of International Conferences.
- Faculty member with Gold medals in their academics
  - (1) Mr. A. Sahoo, PG, IISc, Bangalore
  - (2) Mr. Wasim Arif, UG, BU, WB
  - (3) Miss B. Das, PG, NIT Durgapur
- Activities of ECE Department appeared in the News letter of IEEE EDS Society, August 2014 Issue.
- Activities of ECE Department appeared in the News letter of IEEE EDS Society, July 2015 Issue
- Active organizing member for various International/National Conferences/ Workshops/ Symposium
- Reviewer of reputed Transactions and Journals such as IEEE, Elsevier, Springer etc.

Member of Board of Studies of different Institutes of repute

Sl. No.	Name Faculty	Details of the Award/Achievements
1	Dr. K. L. Baishnab	Accepted for final round in Cadence Design contest 2011 and 2012 under PG category.
2	Dr. R. H. Laskar M. Choudhury K. Chakraborty S. Chakraborty	Best paper award at International conference on Information Processing(ICIP), 2011,Bangalore.  <i>"A joint DWT-DCT based robust watermarking algorithm for ownership verification of digital images,"</i> in Proc. of CCIS , Springer,482-491,2011.
3	Dr. R.H. Laskar	Member of Acoustical Society of India
4	Prof. F. A. Talukdar	Received 40 Galileo Arduino Board from Intel Corporation
5	Prof. F. A. Talukdar	Invited as a delegate at 2015 Embedded Research and Education Summit by Intel Corporation at Chandler, AZ, USA
6	Prof. F. A. Talukdar	Received a grant of Rs. 2.00 lakhs from Intel Corporation for curriculum development on IoT.
7	Prof. F. A. Talukdar	Invited to attend India Academic Forum at New Delhi (Oct 15) organized by Intel Corporation

## Students achievements

Sl. No.	Name Students	Details of the Award/Achievements
1	Mr. Aravind Subramaniyam	Secured 1 <sup>st</sup> position in Polaroid held during Techfest 2013-14 at IIT Bombay, 2014.
2	Mr. Shubham Jain	EUREC Award 2013, Best undergraduate student projects on Renewable Energy, 2013.

- Good no. of publications by M.Tech and PhD Scholars in journal of International repute.
  - Sweta Chander (PhD Scholar) got CEFIPRA-ESONN fellowship 2015 to work in Prestigious EUROPEAN SCHOOL NANOSCIENCE & NANOTECHNOLOGY IN GRENOBLE, FRANCE for 3 weeks.
  - 4 PhD Scholars of the Department are awarded PhD Degree and 7 to 8 no. of PhD scholars (Part time & Full time) are expected to be awarded in Convocation 2016
  - Good no. of M. Tech students got opportunity to pursue their PhDs in various IITs.
  - Many B. Tech students successfully clear GRE and TOEFL to pursue higher study universities abroad.
  - 2 students of 1<sup>st</sup> batch (2007-2009) of Microelectronics & VLSI Design have successfully completed their Ph.D.
- (1) Kalyan Koley has been awarded Ph.D from Jadavpur University in the year 2015 .
- (2) Sanjeev Singh has been awarded Ph.D from NIT Silchar (Electrical Dept.) in the year 2015.
- Jahnvi Sen, M.Tech student of 2009-2011 batch pursuing Ph.D in Nanyang Technological University , Singapore.
  - 1 patent filed by UG student.