

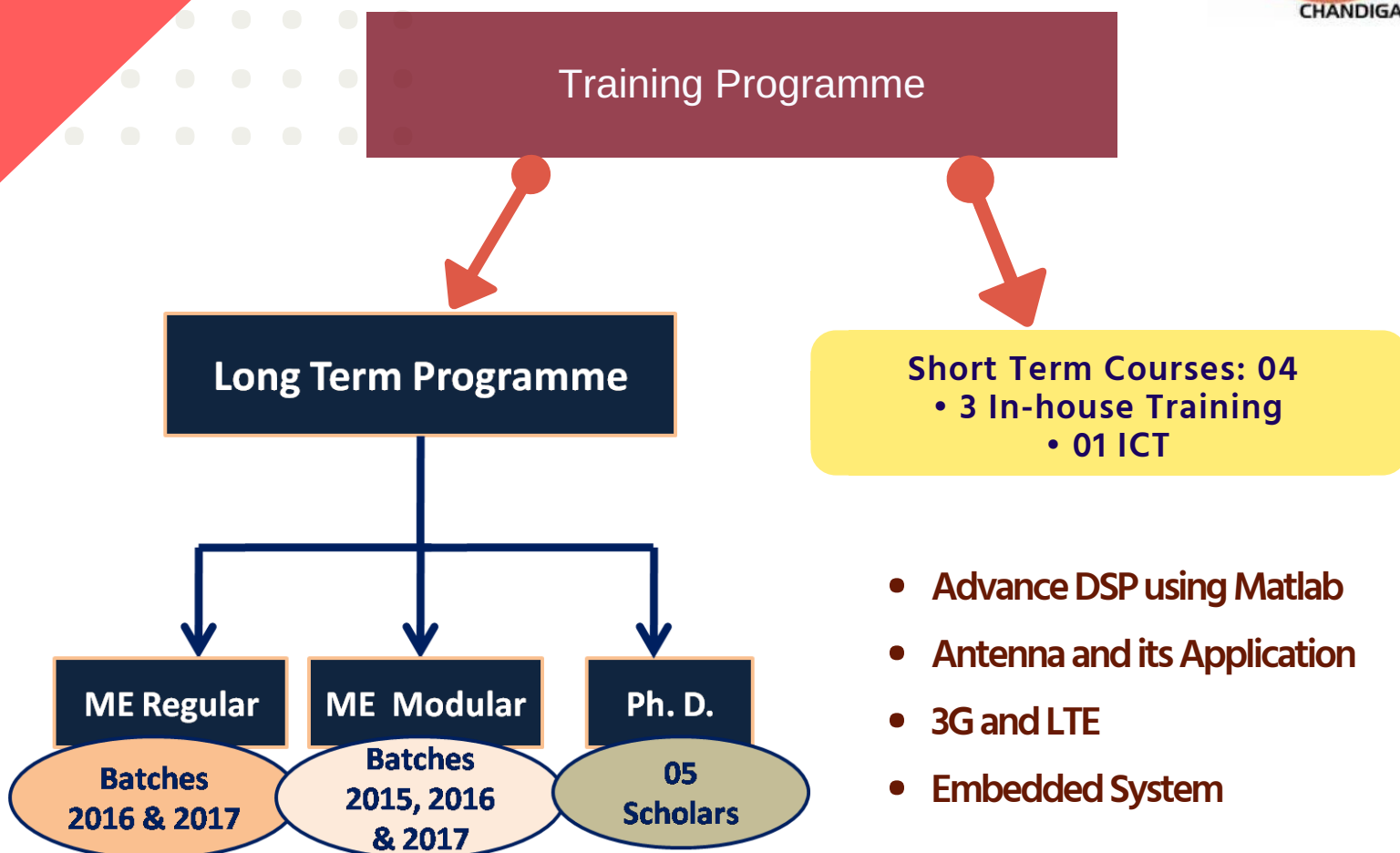
National Institute of Technical Teachers Training & Research

“MoU Between NITTTR Chandigarh & SCL Mohali”

A memorandum of understanding has been signed between NITTTR Chandigarh and SCL Mohali on 07.02.2018 to bridge the gap between academia and industry. This is intended to boost the dedicated research by PG and PhD scholars on industry selected problems. Industry oriented short term courses will be planned and conducted for the benefit of academic institutes from all over India. MoU was signed by Dr. S. S.Pattnaik , Director, NITTTR, Chandigarh and Er. Surinder Singh, Director, SCL Mohali. This MoU will facilitate the academia to access state of the art facilities and to enhance quality research work.



1. Training Programme



2. Curriculum Development

- Workshop on preparation of NSQF files for curriculum of diploma program on 15/02/2018 for Punjab State, attended by Garima Saini.
- NBA Workshop : NBA Quality Improvement workshop was conducted by the department on 25th January 2018. The objective of this workshop was to modify and update of CO's and PO's of ME related.

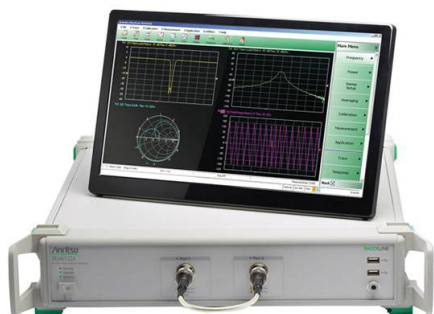
3. Research & Development

- 7 - ME Pre-thesis completed.
- 6 - ME Thesis completed in the area of VLSI, Antenna Design , DSP , Wireless Communication & Sensor Networks.

4. Print & Non Print Instructional Material

- OFDMA Concept
- Analog Integrated Circuit Design
- Embedded System (under-process)

5. Extension Services & Consultancy



Antenna Design, Simulation,
Fabrication, upto 20 GHz

6. Other Activities

i) Training Program Attended

Garima Saini : Attended two week FDP on Next Generation MIMO and OFDM Wireless Technologies from 08/12/17 to 17/12/17 at NIT Kurukshetra .

Dr. Kanika Sharma: Attended two week FDP on Design Challenges in Low Power VLSI Design from 04/12/17 to 16/12/17 at GNDE, Ludhiana .

ii) Extra Curricular Activities

Antarrashtiya Matribhasha Diwas was organised by NITTTR Chandigarh on 06th March 2018. Various events like singing & poetry were held on this occasion.



Shiva Sharma and Agamreet Kaur participated in these events.

iii) Field Visit

Department has planned Field Visit of ME students to Base Station Transceiver (BTS) in the month of February. The purpose of this visit is to give industrial exposure in area of Telecommunication. The experts from BSNL & DOT explained about the functioning of BTS, RF Planning of the cell & network, Transmission Power of BTS, Role of BTS in Call Processing for Cellular Communication.



ME Batch 2017 with Coordinators, BSNL & DOT Experts

iv) Industrial Interaction

- Demonstration of Computer Simulation Technology software (CST) is organised on 23.01.2018 for M.E. students. Mr. Chandresh Dhote demonstrated about the capabilities of the software for research.
- One week Training of Setfos (Organic LED simulation tool) is organised for M.E students to provide knowledge about LED design and simulation for research.

v) International Interaction

Prof. (Dr.) Md. Mamun Ibne Reaz, Department of Electrical, Electronics & System Engineering, University Kebangsaan Malaysia, the National University of Malaysia visited ECE department. He interacted with faculty about common research proposals and students regarding the research options available in the university.



Prof. (Dr.) Md. Mamun Ibne Reaz with ECE department faculty, Staff , students and Prof. A. K. Duggal

Coordinator:
Er. Garima Saini
Assistant Professor