**“*Electrical Engineers do the job with greater frequency and lesser resistance*”**

**Milieu:** The department of **Electrical Engineering** started with an initial intake of 30 students in UG Program in 1957. In 1982, the department started a part-time PG Program (Electrical Engineering) with an intake of 13 students and in 1997, a full time PG program (Power Engineering) with an intake of 13 students.

**Highlights (2012 onwards):**

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| **At present the department runs Electrical Engineering UG Program with intake of 90 students, NBA accredited PG Program with intake of 25 students. At the same time, department also runs part-time PG program with intake of 13 students.** |
| The department is an authorized research centre of Q.I.P. and Punjab Technical University for Ph.D. |
| **The department has well equipped eleven laboratories with latest equipments and softwares.** |
| Non-Conventional Energy Resources lab has been developed in year 2013 out of RPS-AICTE grant of Rs. 8.50 lac. This lab caters budding researchers to investigate in the burning field of clean and green energy. |
| **Micro-controller and PLC lab has been developed out of TEQIP-II funds in 2014. This lab has been upgraded to train students to cope up with latest trends in automation and control of electrical drives.** |
| As per AICTE guidelines three eminent adjunct faculty members have been recruited in the department. Dr. H.K. Grewal and Dr. Piyush Verma are from academia while Er. Pritam Singh is from industry, a leading entrepreneur. |
| **The department has taken the initiative of starting a 200 kWp rooftop grid connected solar power plant in college premises. This is in view of the graduate attributes of ethical practices, social responsibility and green & clean energy obligation.** |
| **Two of faculty members (Dr. N.S. Bhangu and Dr. Arvind Dhingra) brought laurels by completing their Ph.D. from National Institute of Technology in years 2015 and 2016 respectively.** |
| To impart quality education according to the needs of the industry, the department has made number of Industrial collaborations with reputed industrial organizations and PSUs such as Punjab Energy Development Agency, PSTCL, PSPCL, JEMC and Bhagwan Sons to name a few. |
| **Many of the faculty members visited foreign universities to attend international conferences vis-a-vis Dr. Y. S. Brar (2014) visited Wollongong Univ. NSW, Australia, Dr. N. S. Bhangu (2016) visited McQuarie Univ., Australia, Pf. H.S. Gill (2018) visited McMaster Univ. Hamilton, Canada, Pf. Rupinderjit Singh (2016, 2017, 2018) visited Newzealand, USA and Canada respectively to present papers.** |
| Recognition to department has been drawn by few of the faculty members bagging the best teacher award and the best paper award such as Dr. Arvind Dhingra and Pf. Jaswinder Singh. |
| **For continuous development and training of teachers, department has organized FDPs and STTPS time to time providing platform for internal faculty members and outsiders as well.** |
| The department curriculum abides outcome based education system with well defined POs and COs for all courses. The syllabus scheme has been formulated in 2014 after autonomy and updated in 2017 as per the needs of the present scenario in electrical engineering. The new scheme is in pipeline as per new AICTE norms for 2018 onwards batch. |
| **The reputed alumni of the department are serving or served the eminent positions around the globe. The top post holder of PSPCL (i.e. CMD) Er. Baldev Singh Sran is from our department (1983 batch).** |
| The students are being placed in established recruiting companies like HCL Technologies, Infoys, Cummins, Shapoorji Pallonji and Co. Ltd., Godrej Ltd. to mention a few. The many students have cleared competitive exams such as GATE, CAT, PSU exams and State level services exam etc. |