

Annual Report 2016-2017

SCHOOL OF ENGINEERING

The School of Engineering (SoE) of Tezpur University was established in the year 2006 with the introduction of B.Tech. programmes in three disciplines, viz., Computer Science and Engineering, Electronics and Communication Engineering and Mechanical Engineering. The PG programmes under this school already existed from as early as 1994. The department of Energy was included as part of this school in 2011. This school strives to produce skilled professionals at UG, PG as well as doctoral levels and also to conduct research towards developing innovative technologies.

Since its inception, the school has been proactive in strengthening itself to improve its output in terms of both knowledge and employability of its graduates. Through the implementation of AICTE approved Institutional development Plan (IDP) the school is focused on developing and enhancing facilities so that the overall learning process attains a higher level and keeps pace with the changing global scenario of technical education.

During the period, several significant events have been organized in the school including the following prominent activities.

- Submitting application to AICTE for Extension of approval of existing courses and approval of new courses of Engineering, MBA and MCA.

The AICTE approved existing courses under are:

M.Tech in Bio electronics; Electronics Design and Technology, Energy Technology, Information Technology, Food Engineering and Technology, Mechanical Engineering and B Tech in Electronics and Communication Engineering, Computer Science and Engineering, Civil Engineering, Mechanical Engineering.

The AICTE approved new course is: B.Tech in Electronics Engineering.

The AICTE approved existing courses are: MBA and MCA

- The Institutional development plan (IDP) for the School of Engineering (SoE) submitted to the AICTE under the NEQIP programme was approved with the sanction of Rs. 681.47 Lakh for the period of 2014-2017
The second instalment of Rs. 164.28667 Lakh was received in July 2016.
- AICTE GATE link Scholarship
Disbursement of AICTE GATE linked Scholarship to a total 114 M Tech 1st year and 2nd year students with a revised rate from August, 2016 to June 2017.
- A meeting with the AICTE Chairman was held on 25 June, 2016 with the faculty members of SoE.
- Financial Support for Faculty Development Programme
As part of faculty and Staff Development Scheme of AICTE NEQIP, 52 faculty members availed the facility to attend conferences and workshop within India with travel, accommodation and registration support.
- QIP centre has started in SoE from 2016 approved by AICTE. 03 PhD Scholar admitted under Department of Computer Science & Engineering and Electronics & Communication Engineering.

- Visit of AICTE NEQIP performance auditor
Professor R A Gupta from Malaviya National Institute of Technology, performance auditor of AICTE NEQIP visited Tezpur university on 10-11 April,2017. Professor Gupta also interacted with faculty and officials of the University at various levels.
- Admission under PMSSS J&K
02 students admitted under PMSSS J&K in 2016-17 and 04 students admitted in 2017-18.
- Establishment of state of the art high performance computing infrastructure for Scientific Computing
PARAM –TEZ a High Performance Computing Centre has been inaugurated in the Department of Computer Science and Engineering of Tezpur University. Centre sponsored by DeitY is being set up at Tezpur University in collaboration with C-DAC Pune. This sophisticated facility is expected to meet the high performance computing needs of researchers from all over North East India. The facility consists of 12 TF HPC system having 50TB of storage capacity along with three numbers of C-DAC's indigenously built PARAM Shavak having compute power of around 3TF each.
- Introduction of B.Voc Programme
Two B.Voc programme of 3 years duration in (i) Food Processing and (ii) Renewable Energy and Management have been started from the academic session 2015-2016.

AQIS Proposal submitted under SoE

10 MODROBS submitted: 02 for ECE

02 for CSE

02 for ME

01 for Energy

01 for PST

02 for FET

03 RPS submitted: 01 for FET

02 for ECE

01 Seminar Grant submitted for FET

AQIS Proposal submitted under MBA/MCA

03 MODROBS submitted: 02 for MCA 01 for MBA

01 AICTE Adjunct Faculty submitted for MBA.

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