Curriculum Feedback Form

INDUSTRIAL POWER AND AUTOMATION
DEPARTMENT OF ELECTRICAL ENGINEERING, NIT CALICUT

	ITEM	CLAIM BY THE INSTITUTE	Yes/No [with Specfic Comments]
1	Matching the objectives of the curriculum with that of the programme	PLC/FPGA/Microcontrollers/DSP controlled drives & systems, process control & automation, cogeneration, power wheeling etc in industries make the necessity of integrating the systems and devices with the electric power control. This M Tech programme is with the objective to provide sufficient theoretical and field experience on the above systems to the engineers.	Yes/~~No~~ Alongwith Item 7, this is useful.
2	Major features of the curriculum satisfactory with current trend	The progarrme deals with subjects such as Process control and Automation, Industrail Energy Management, Power Electronic dives, Computer controlled systems, SCADA systems etc. The course provides specializations in automation packages using PLC, DCS, and SCADA with handsown experience in the laborotray. Credit industrial training is one of the significant feature.	✓ Yes/~~No~~
3	Develop ability to model and analyse the industrial issues	Industry training and industrial related courses will help students	But exposure to related Yes/~~No~~ area only, not class-room programmes.
4	Research Motives in the curriculum	There are mini (I semester) and major projects (2 semesters full) students have to complete independlntly apart from course projects. These will provide adequate research motivations. Students are encouraged to participate /present papers in conferences.	Strongly agree. This prog. will enable the students to acquire Yes/~~No~~ the art of paper-presentations.
5	Industry Interactive in the curriculum	Minimum 20 days compulsory training in a major industry in which student need to identfy issues and suggest solutions which shall be discussed with industrail experts. Detailed report need to be submitted for evaluation. Dept. encouragaes major project to be completed as internship in major industries.	The period may be extended & made in two parts (1) Identifications Yes/~~No~~ & probable soln. (2) Implementation
6	Entrepreneurial promotion in the curriculum	Individual Mini /Major projects, industrial training, indusytry- internship will provide adequate entrepreneurial motivation. Students are advised to interact with Value	Yes/No Not sure

		Education, Training and Placement Dept., Entrepreneurial development cell of the institute.	
7	Provison for latest trends and developments in the curriculm	Flexible so that course faculty can include latest trends in the sysllabus for any subject. There is a provison for curriculum revison every four years.	✓ **Yes/~~No~~**
8	Motivating the students for research & developments	Individual Mini-major projects and course projects will motivate the students	**Yes/No** ✓

General Comments and Suggestions:

* Instead of awarding more credits in industrial projects, some credits may be shifted towards paper presentations.

Suggestion: The present "LAB VIEW" may be extended with the support of additional hardwares and necessary softwares to create in-house developed "Power Plant Simulator".

Place: EDN, Bangalore

Date: 10.6.2014.

Name & Signature

Designation

सुभाषीश बिस्वास, अ.म.प्र. / सीई (सिस्टम टैस्टिंग)
SUBHASIS BISWAS, AGM/CE(SYS TESTING)
BHEL-EDN. MYSORE ROAD, BANGALORE - 560 026

seal of the organisation / use lettere head of the organisation