

## Curriculum Feedback Form

INDUSTRIAL POWER AND AUTOMATION  
DEPARTMENT OF ELECTRICAL ENGINEERING, NIT CALICUT

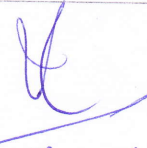
ITEM	CLAIM BY THE INSTITUTE	Yes/No [with Specific Comments ]
Matching the objectives of the curriculum with that of the programme	PLC/FPGA/Microcontrollers/DSP controlled drives & systems, process control & automation, cogeneration, power wheeling etc in industries make the necessity of integrating the 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/ <del>No</del>
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/ <del>No</del>
Develop ability to model and analyse the industrial issues	Industry training and industrial related courses will help students	Yes/ <del>No</del>
Research Motives in the curriculum	There are mini (1 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.	Yes/ <del>No</del>
Industry Interactive in the curriculum	Minimum 20 days compulsory training in a major industry in which student need to identify 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.	Yes/ <del>No</del>
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/ <del>No</del>

	Education, Training and Placement Dept., Entrepreneurial development cell of the institute.	
Provision for latest trends and developments in the curriculum	Flexible so that course faculty can include latest trends in the syllabus for any subject. There is a provision for curriculum revision every four years.	Yes/ <del>No</del>
Motivating the students for research & developments	Individual Mini-major projects and course projects will motivate the students	Yes/ <del>No</del>
<b>General Comments and Suggestions:</b>		
<p><i>The paper on Industrial Communication can include media converters, protocol converters and popular protocols like Modbus RTU/TCP, Profibus/ Profinet, Field bus etc.</i></p>		

Place: *Udyogamandal*  
Date: *30/6/2014*

Name & Signature

Designation



*Jose Kurian*  
*Chief Engineer (E&I)*

*FACT-UC*

seal of the organisation / use letter head of the organisation



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