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An analysis of Programme Educational Objectives, Programme Outcomes and SWOT
Alumni Perspective for the M.Tech Programme in Manufacturing Systems Management

*From time to time, The Department of Production Engineering, Govt. Engineering College Thrissur evaluates the attainment levels of the Programme Educational Objectives (PEO), Programme Outcomes (PO) of the M Tech Programme and analyzes the Strength/Weakness/Opportunities/Threats (SWOT) of the programme. Give your and your organization details. Then a PEO, PO and a SWOT matrix is given below. Kindly go through each of the PEO and PO and indicate your responses as **5** (Achieved at a **very high** level), **4**(Achieved at a **high** level) , **3** (Achieved at a **medium** level), **2** (Achieved at a **low** level) and **1**(achieved at a **very low** level) . Also indicate the SWOT as identified by you in the SWOT table. As an Alumnus of our programme, you would be in a position to judge our M Tech Degree programme in Manufacturing Systems Management on how far the objectives / outcomes are attained.*

Organization Details						
Name of organization you are working for						
Type of organization/sector/management	Government		Private		Own Enterprise	
Type of Industry	Manufacturing	R & D	Consultancy	Education	Service	Others
Name and Designation of Respondent						
Year of pass out						

PEO and PO Achievement		
No.	**PROGRAM EDUCATIONAL OBJECTIVES (PEOs)** *(Judge at what level the following was achieved in your case in a later stage of your career)*	**1 to 5**
1	Progress in their chosen profession with successful career in industry	
2	Continue to learn and advance in career through research in engineering and management	
3	Successful in solving complex engineering problems associated with manufacturing systems	
4	Professional with ethics and commitment towards social responsibility and sustainable development.	
	PROGRAMME OUTCOMES *(Judge at what level the following was achieved in your case on completion of the M.Tech Programme)*	
1	Ability to independently carry out research /investigation and development work to solve practical problems	
2	Ability to write and present a substantial technical report/ document	
3	Ability to demonstrate a degree of mastery over the area as per the specialization of the program. The mastery should be at a level higher than the requirements in the appropriate bachelor program	

SWOT Analysis
List the major strengths of the programme (list out those internal factors and positive advantages which are originating from the programme or inherent to the programme and are helpful in achieving the objectives/outcomes; PEO/ PO)
List the major weakness of the programme (list out those internal factors and negative disadvantages which are originating from the programme or inherent to the programme and detract and harmful in achieving the objectives/outcomes; PEO/ PO)
List the major opportunities of the programme (list out those external positive attractive factors which are originating from the environment or outside institution and are helpful in achieving the objectives/outcomes; PEO/ PO)
List the major threats of the programme (list out those external negative detrimental or disadvantages originating from the environment or outside institution and detract and harmful achieving the objectives/outcomes; PEO/ PO)

Signature of the respondent

We thankfully appreciate your willingness to associate with our evaluation process. After completing the form, kindly send a scanned copy of the form to hodpe@gectcr.ac.in or send the printout version of this form to the address given above.