

## **PG-minor in M. Tech. Mechanical Engineering Department (DES, MFG and TFE)**

The Mechanical department has decided that to obtain a minor degree in DES, MFG and TFE, the following criteria should be met.

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### **DES:**

To obtain a Minor master's degree in DES, the Design Group recommends the following three courses for PG Minors. ME 601 Stress Analysis, ME 603 Kinematics and Dynamics of Machinery and Any other Design PG Course (core or elective) "offered by a Design Group faculty" member. The student should secure a minimum CPI of 6.0 from these courses. If a student has already taken one of the core courses (or similar) in her/his parent department, then she/he may be allowed to take an elective after discussing with the group coordinator.

### **MFG:**

To obtain a Minor master's degree in MFG, the student should complete any three courses from the following four core courses, viz., Machining Processes (ME 785), Welding Processes (ME 786), Deformation Processes (ME 787), Liquid Material Processing (ME 788) and any one manufacturing elective. The student should secure a minimum CPI of 6.0 from these courses. If a student has already taken one of the core courses (or similar) in her/his parent department, then she/he may be allowed to take an elective after discussing with the group coordinator.

### **TFE:**

To obtain a Minor master's degree in TFE, the courses to be completed are Fluid Dynamics (ME 651), Advanced Heat transfer (ME 663) and Advanced Thermodynamics and Combustion (ME 661) with a minimum CPI of 6.0. If a student has already taken one of these courses (or similar) in his/her parent department then he/she may be allowed to take an elective after discussing with our group coordinator.

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Students can register declared 'Minor' courses of the other academic units under "Additional Learning" (i.e "T" tag) at the time of semester registration.

To obtain a 'Minor' degree, a student is required to apply for it at the end of the programme to DPGC of the concerned academic unit (i.e. during May-June), after the final semester of the student (i.e. 4th semester (for full time students)/6th Semester (for part-time students). Student cannot extend his/her programme duration for satisfying the criteria of 'Minor' requirement.

Student should route his/her application through the Faculty Advisor and Head of the Department of the parent academic unit to the Head of the academic unit to which he/she is applying for 'Minor'.