

PEC University of Technology, Chandigarh

PEC/DAA/2050-09
Dated: 14 JUL

All Head of Departments

14 JUL 2017

The following courses shall be taught by Moocs as per the "Operational Guidelines for offering Courses through Massive Open Online Course (MOOCs) at PEC" circulated earlier vide letter no. PEC/DAA/20329-44 dated 10.07.2017:-

Sr. No.	Course Code	Subject	Credit	Category	Mapping of courses offered by NPTEL Moocs	Semester
1	ESC 201	Thermodynamics	4	ESC	Law of Thermodynamics (Sr. No. 124)	3rd
2	AEN 302	Gas Dynamics	4	DCC	Gas Dynamics (Sr. No. 1)	5th
3	CEN 202	Geo-informatics*	6	DCC	Principles of Surveying (Sr. No. 38)	3rd
4	CEN 301	Design of Steel Structures	4	DCC	Design of Steel Structures (Sr. No. 33)	5th
5		Department Elective Course - II	4	DEC	Municipal Solid Waste Management (Sr. No. 31)	7th
6	CSN204	Analysis and Design of Algorithms	4	DCC	An introduction to algorithm and analysis	3rd
7	CSN305	Artificial Intelligence	4	DCC	AI: Search Methods for Problem Solving	5th
8	EEN203	Electrical Machines-I	4	DCC	Electrical Machines-I (Sr. No. 60)	3rd
9	EEN301	Computer Aided Power System Analysis	4	DCC	Power System Analysis (Sr. No. 58)	5th
10	ECN 204	Analog Electronic Circuits - II	4	DCC	Analog Circuits (Sr. No. 63)	3rd
11	MEN201	Elements of Thermodynamics	4	DCC	Law of Thermodynamics (Sr. No. 149)	3rd
12	MTN 203	Phase Transformations	4	DCC	Phase Transformation in Materials (Sr. no. 142)	3rd
13	MTN 422	Composite Materials	4	MSC/DHC	Manufacturing of Composites (Sr. No. 128)	7th
14	PEN203	Metallurgy and casting technology	4	DCC	Fundamental of Metal Casting (Sr. No. 138)	3rd
15	CSN551	Computation AI Theory and Cryptography	3	Open Core	Introduction to Cryptology	M.Tech CSE 1st Semester

It will be the responsibility of each student to enroll online into the MOOCs course as per the registration date on NPTEL website (<https://onlinecourses.nptel.ac.in/>). The course coordinator at PEC shall also

enroll online in the course as per the date of registration. The PEC course coordinator will ensure enrollment of all the students as per the deadlines. It may be noted that each student will be required to pay the fees for the approved courses and follow all the necessary requirements. The fees will be reimbursed back to the student as per institute guidelines.

DAPC will ensure that the student presents MOOCs enrollment receipt on the day of registration at registration desk. The student's name will be mentioned in the course list to be circulated from office of the DAA only on receipt of the same.

The course handout proforma for running MOOCs in blended mode is attached. This may be filled by the course coordinator and submitted to o/o DAA as well as the students undertaking the course within one week after the registration of the course.



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