

**Punjab Engineering College, Chandigarh
(Deemed to be University)**

No/PEC/DAA/ 19942
Dated: 26 NOV 2021

All Heads of Departments and Centres

Subject: Registration of UG 5th semester students opting for Internship in 6th Semester (21222 semester).

It has been decided in the 86th meeting of Senate held on 16.06.2020 that


“For 21222 semester, internship will be optional and will be permitted only in good quality organizations. For the 21222 semester, the credits of internship will be reduced to 16 and a student opting for coursework will have to register for 4 elective courses.”

Registration for the semester 21222 (for UG 6th semester students going for internship) will be carried out from 06.12.2021 to 14.01.2022. The faculty coordinators of B.Tech. 3rd year are requested to ensure that the students enroll for internship with following procedure.

1. Filling of online Registration form mentioning the Internship course XXX326 (credit 8), XXX327 (credit 4), XXX328 (credit 4) on PEC e-Akadamik Portal.
2. Duly signed registration form (by student and faculty coordinator) alongwith offer letter and fee receipt to be submitted in the respective department. The department will collect all the forms and send to the Academic Section.
3. Training period will be limited upto 15th July 2022.

Subject registration for the semester 21222 (for UG 6th semester students opting for course work) will be carried out alongwith UG 4th semester & 8th semester students.

1. Departments may offer one or two elective courses exclusively for the 6th semester depending on the availability of faculty.
2. The students may take up Department elective and Open elective courses being offered by the other departments (**List of courses is attached**).


Dean Academic Affairs

A Copy is forwarded to the following:-

1. Head, CDGC.
2. Head, CMH
3. Webmaster with request to upload the notice on the institute website.
4. AC (F&A).

LIST OF COURSES FOR COURSE WORK 21-22-2**B.Tech. 6th SEMESTER**

Deptt	COURSE CODE	COURSE NAME	CREDITS	L	T	P
Civil	CEN412	Traffic Engineering	4	3	1	0
CSE	CSN409	Big Data Analytics	4	3	0	2
	CSN402	Software Testing	4	3	0	2
	CSN411	Network Security	4	3	0	2
Electrical	EEN413	Power Systems Operation	4	3	1	0
	EEN415	Electrical System Instrumentation and Process Control	4	3	1	0
	EEN417	Digital Signal Processing	4	3	1	0
	EEN418	Biomedical Instrumentation	4	3	1	0
ECE	ECN401	Control Systems	4	3	1	0
	ECN402	Digital Image Processing	4	3	1	0
	ECN403	Neural Networks and Fuzzy System	4	3	1	0
	ECN405	Antenna and Wave Propagation	4	3	1	0
	ECN408	Optical Communication	4	3	1	0
	ECN409	Advanced Digital Communication	4	3	1	0
	ECN414	FPGA Based System Design	4	3	1	0
Mechanical	ECN424	Low Power VLSI Design	4	3	1	0
	MEN425	Internal Combustion Engine	4	3	1	0
	MEN413	Work Study & Ergonomics	4	3	1	0
	MEN402	Maintenance Engineering	4	3	1	0
Metta	MEN416	Mechanical Measurement & Metrology	4	3	1	0
	MTN402	Electro-ceramics	4	3	1	0
	MTN404	Thin Film Technology	4	3	1	0
	MTN406	Heat Treatment of Metals	4	3	0	2
Prod.	MTN409	Surface Engineering	4	3	1	0
	PEN462	Total Quality Management	4	4	0	0
	PEN405	Modern Manufacturing	4	4	0	0
	PEN425	Finite Element Analysis	4	3	0	2
	PEN413	Robotics	4	3	0	2