

ME / 53 / 7216

Date 23/1/2020

Dear Academics,

1. students of Branches other than B. Tech. (ME) can opt for minor Engineering Degree as per the guidelines of tenth Academic Council (follow link on college website).

List of courses offered for Minor Degree in Mechanical Engineering

Course Type	Course Code	Course Name	Semester	Load Allocation			Marks Distribution			Credits
				L	T	P	Int.	Ext.	Total	
Core Theory	MnPCME - 101	Strength Of Materials	Odd	3	1	0	40	60	100	4
Core Theory	MnPCME - 102	Manufacturing Processes	Odd	3	0	0	40	60	100	3
Core Theory	MnPCME - 103	Engineering Materials And Metallurgy	Odd	3	0	0	40	60	100	3
Core Theory	MnPCME - 104	Mechanical Measurement And Control	Odd	3	0	0	40	60	100	3
Core Theory	MnPCME - 105	Industrial Automation And Robotics	Odd	3	0	0	40	60	100	3
Core Theory	MnPCME - 106	Finite Element Method	Odd	2	0	0	40	60	100	2
Core Theory	MnPCME - 107	Theory Of Machines	Even	3	1	0	40	60	100	4
Core Theory	MnPCME - 108	Thermodynamics	Odd	3	0	0	40	60	100	3
Core Theory	MnPCME - 109	Fluid Mechanics And Machinery	Even	3	1	0	40	60	100	4
Core Theory	MnPCME - 110	Modern Manufacturing Processes	Even	3	0	0	40	60	100	3
Core Theory	MnPCME - 111	Applied Thermodynamics	Even	3	1	0	40	60	100	4
Core Laboratory	MnLPCME - 101	Strength Of Materials Laboratory	Odd	0	0	2	30	20	50	1
Core Laboratory	MnLPCME - 102	Engineering Materials And Metallurgy Laboratory	Odd	0	0	2	30	20	50	1
Core Laboratory	MnLPCME - 103	Industrial Automation And Robotics Laboratory	Odd	0	0	2	30	20	50	1
Core Laboratory	MnLPCME - 104	Mechanical Measurement And Control Laboratory	Odd	0	0	2	30	20	50	1
Core Laboratory	MnLPCME - 105	Theory Of Machines Laboratory	Even	0	0	2	30	20	50	1
Core Laboratory	MnLPCME - 106	Applied Thermodynamics	Even	0	0	2	30	20	50	1

		Laboratory								
Elective Theory	MnPEME - 101	Product Design And Development	Even/Odd	4	0	0	40	60	100	4
Elective Theory	MnPEME - 102	Non Conventional Energy Resources	Even/Odd	4	0	0	40	60	100	4
Elective Theory	MnPEME - 103	Power Plant Engineering	Even/Odd	4	0	0	40	60	100	4
Elective Theory	MnPEME - 104	Industrial Tribology	Even/Odd	4	0	0	40	60	100	4
Elective Theory	MnPEME - 105	Non Traditional Machining	Even/Odd	4	0	0	40	60	100	4
Elective Theory	MnPEME - 106	Computer Aided Process Planning	Even/Odd	4	0	0	40	60	100	4

- Atleast one course shall be offered every Semester as per the Availability of Faculty.

List of MOOCs Courses for Current Semester (Jan-May 2020)

Course Type	Course Code	Course Name	Duration (in Weeks)	Credits	Weblink
MOOCS	noc20-me40	Fundamentals of Nuclear Power Generation	12	4	https://swayam.gov.in/nd1_noc20_me40/preview
MOOCS	noc20-me19	Conduction and Convection Heat Transfer	12	4	https://swayam.gov.in/nd1_noc20_me19/preview
MOOCS	noc20-me44	Computer Integrated Manufacturing	12	4	https://swayam.gov.in/nd1_noc20_me44/preview
MOOCS	noc20-me15	Introduction To Mechanical Micro Machining	12	4	https://swayam.gov.in/nd1_noc20_me15/preview

Note: - Duly filled performa given herewith forwarded by head of the parent department must be submitted to Mr. Dhury Pant, Clerk, ME department by 28th January, 2020. The results of 1st, 2nd and 3rd semester should be attached with the performa. The last date to enroll for course on SWAYAM portal is 27TH January 2020.

Rajendra
HOD (ME)
23/1/2020
npl

CC:-

1. Principal for information
2. All HOD's
3. DNB
4. CNB
5. Prof. Chamkaur Jindal to Upload on Dept. Website

ME/S4/7217

Date 23/01/2020

Dean Academics,

The students of B. Tech. (ME) can opt for Honors Degree in Mechanical Engineering as per the guidelines of tenth Academic Council (follow link on college website).

List of MOOCs Courses for Current Semester (Jan-May 2020)

Course Id	Course Name	Institute	Duration	WebLink
noc20-de06	Fundamentals of Automotive Systems	IITM	12 weeks	https://swayam.gov.in/nd1_noc20_de06/preview
noc20-me42	IC Engines and Gas Turbines	IITG	12 weeks	https://swayam.gov.in/nd1_noc20_me42/preview
noc20-me07	Experimental Methods in Fluid Mechanics	IITG	12 weeks	https://swayam.gov.in/nd1_noc20_me07/preview
noc20-mm06	Welding Processes	IITM	12 weeks	https://swayam.gov.in/nd1_noc20_mm06/preview
noc20-me28	Diffusion in Multi component Solids	IITK	12 weeks	https://swayam.gov.in/nd1_noc20_me28/preview

Note: - Duly filled performa given herewith forwarded by head of the parent department must be submitted to Mr. Dhury Pant, Clerk, ME department by 28th January, 2020. The last date to enroll for course on SWAYAM portal is 27th January 2020.

(HOD (ME)) 23/1/2020
dl

CC:-

1. Principal for information
2. Prof. Chamkaur Jindal to Upload on Dept. Website

Guru Nanak Dev Engineering College, Ludhiana

Department of Mechanical Engineering

Performa for Honour Degree

(Session: January – May 2020)

Name: _____

University RollNo.: _____

Semester: _____

Course id: _____

Course Name: _____

Contact No.: _____

Signature of Student

Signature of HOD (ME)

Guru Nanak Dev Engineering College, Ludhiana

Department of Mechanical Engineering

Performa for Minor Engineering Degree

(Session: January – May 2020)

Branch: _____

University RollNo. _____

Semester: _____

Name: _____

ContactNo. _____

Course id	Course Name	SGPA (1 st Sem)	SGPA (2 nd Sem)	SGPA (3 rd Sem)

Signature of Student

Signature of HOD of Parent Department