

**Guru Nanak Dev Engineering College,
Department of Guru Nanak Dev Engg. College, Ludhiana**

ME/53/7694
Date 21/8/20

Dean Academics,

The 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	MnLPCME -	Applied	Even	0	0	2	30	20	50	1

[Signature]
21/08/2020

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Laboratory	106	Thermodynamics 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 (July-Dec 2020)

Course Type	Course Code	Course Name	credits	Weblink
MOOCS	noc20-me49	Manufacturing Systems Technology I & II	4	https://swayam.gov.in/nd1_noc20_me49/preview
MOOCS	noc20-me89	Dynamic Behaviour Of Materials	4	https://swayam.gov.in/nd1_noc20_me89/preview
MOOCS	noc20-me95	Introduction to Composites	4	https://swayam.gov.in/nd1_noc20_me95/preview
MOOCS	noc20-me28	Defects in Crystalline Solids (Part-I)	4	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. Dhurv Pant, Clerk, ME department by 24th August, 2020. The last date to enroll for course on SWAYAM portal is 25/08/2020.


HOD (ME) 21/08/2020

CC:-

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