

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,

<https://gndec.ac.in/sites/default/files/Tenth%20Academic%20Council%20Meeting.pdf>.

(Page 1 of 2)

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

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA,

DEPTT OF MECHANICAL AND PRODUCTION ENGG.

Page 2 of 2

Core Laboratory	MnLPCME - 106	Applied Thermodynamics Laboratory	Even	0	0	2	30	20	50	1
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 2021)

Course Type	Course Code	Course Name	credits	Weblink
MOOCS	noc21-me119	Applied Thermodynamics	4	https://onlinecourses.nptel.ac.in/noc21_me119/preview
MOOCS	noc21-me105	Engineering Metrology	4	https://onlinecourses.nptel.ac.in/noc21_me105/preview
MOOCS	noc21-me116	Fundamentals of Convective Heat Transfer	4	https://onlinecourses.nptel.ac.in/noc21_me116/preview
MOOCS	noc21-me81	Fundamentals of manufacturing processes	4	https://onlinecourses.nptel.ac.in/noc21_me81/preview

Note: - Duly filled performa given herewith forwarded by head of the parent department must be submitted to Mr. Dhurv Pant, Clerk, ME department (cme@gndec.ac.in) by 1st August, 2021. The last date to enroll for course on SWAYAM portal is 2nd August 2021.

[Signature]
H. & Head

CC:-

Principal for information

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