

ME & PE No - 758
Date 4.1.2022

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>).

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

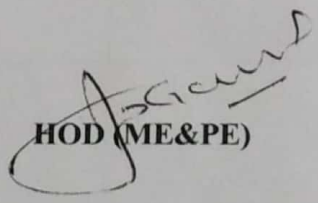
y		Laboratory								
Elective Theory	MnPEME - 101	Product Design And Development	Even/Odd	4	0	0	40	60	100	4
Elective Theory	MnPEME - 102	Non Conventional Energy Resources	Even/Odd	4	0	0	40	60	100	4
Elective Theory	MnPEME - 103	Power Plant Engineering	Even/Odd	4	0	0	40	60	100	4
Elective Theory	MnPEME - 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 2021)

Course Type	Course Code	Course Name	Weblink
MOOCS	noc22-me14	Introduction To Mechanical Micro Machining	https://onlinecourses.nptel.ac.in/noc22_me14/preview
MOOCS	noc22-me59	Industrial Automation and Control	https://onlinecourses.nptel.ac.in/noc22_me59/preview
MOOCS	noc22-me63	Conduction And Convection Heat Transfer	https://onlinecourses.nptel.ac.in/noc22_me63/preview
MOOCS	noc22-me10	Computer Integrated Manufacturing	https://onlinecourses.nptel.ac.in/noc22_me10/preview

Note: - Duly filled performa given herewith forwarded by head of the parent department must be submitted to Mr. Dhurv Pant, Clerk, ME department (dpant9@gmail.com) by 24th Jan, 2022. The last date to enroll for course on SWAYAM portal is 24th Jan 2022.


HOD (ME&PE)

CC:-

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

Guru Nanak Dev Engineering College, Ludhiana

Department of Mechanical Engineering

Performa for Minor Engineering Degree
(Session: Jan-May2022)

Branch: _____

University Roll No. _____

Semester: _____

Name: _____

Contact No. _____

Course id	Course Name	SGPA (1st Sem)	SGPA (2nd Sem)	SGPA (3rd Sem)	SGPA (4 th Sem)	SGPA (5th Sem)	SGPA (6th Sem)	SGPA (7th Sem)

Signature of Student

Signature of HOD of Parent Department

ME & PE No. 759
Date. 4.1.2022

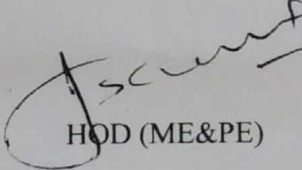
Dean Academics,

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

List of MOOCs Courses for Current Semester (July-Dec 2021)

Course Id	Course Name	Institute	Duration	Weblink
noc22-me32	Applied Ergonomics	IITK and IITJ	12 weeks	https://onlinecourses.nptel.ac.in/noc22_me32/preview
noc22-me35	Fundamentals of Combustion	IITM	12 weeks	https://onlinecourses.nptel.ac.in/noc22_me35/preview
noc22-me51	Advanced Composites	IITKGP	12 weeks	https://onlinecourses.nptel.ac.in/noc22_me51/preview
noc22-me37	Explosions and Safety	IITM	12 weeks	https://onlinecourses.nptel.ac.in/noc22_me37/preview

Note: - Duly filled performa given herewith forwarded by head of the parent department must be submitted to Mr. Dhurv Pant, Clerk, ME department (dpant9@gmail.com) by 24th Jan, 2022. The results of 1st, 2nd, 3rd, 4th, 5th, 6th, 7th and 8th semester should be attached with the performa. The last date to enroll for course on SWAYAM portal is 24th Jan, 2022.


HOD (ME&PE)

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: Jan-May 2022)

Name: _____

University Roll No.: _____

Semester: _____

Course id: _____

Course Name: _____

Contact No. : _____

Signature of Student

Signature of HOD (ME&PE)