



Nagar Yuwak Shikshan Sanstha's

Yeshwantrao Chavan College of Engineering

(An Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

B.E. SCHEME OF EXAMINATION 2020-21 HONORS & MINORS

(Revised Scheme of Examination w.e.f. 2020-21 onward)

Mechanical Engineering

SN	Sem	Type	Sub. Code	Subject	T/P	Contact Hours				Credits	% Weightage			ESE Duration Hours
						L	T	P	Hrs		MSEs*	TA**	ESE	
B.E Honors Subtractive and Additive Manufacturing														
1	5	PC		Computer Graphics and Solid Modeling (RBC)	T	3	0	0	3	3				
2	5	PC		Lab: Computer Graphics and Solid Modeling (RBC)	P	0	0	2	2	1				
3	5	PC		Computer Integrated Manufacturing (JPG)	T	3	0	0	3	3				
4	5	PC		Lab Computer Integrated Manufacturing (JPG)	P	0	0	2	2	1				
5	6	PC		Industry 4.0 (SSC/PSB)	T	3	0	0	3	3				
6	6	PC		Additive Manufacturing (JPG)	T	3	0	0	3	3				
7	6			Lab: Additive Manufacturing (JPG)	P	0	0	2	2	1				
8	7	PC		CNC and Robotics (MST)	T	3	0	0	3	3				
9	7	PC		Lab: CNC and Robotics (MST)	P	0	0	2	2	1				
TOTAL						15	0	8	23	19				

B.E Minors Integrated Manufacturing and Machine Learning														
1	7	PC	PC	Mechatronics (SSK/CAM)	T	3	0	0	3	3				
2	7	PC	PC	Lab: Mechatronics (SSK/CAM)	P	0	0	2	2	1				
3	7	PC	PC	Computer Integrated Manufacturing (RVA)	T	3	0	0	3	3				
4	8	PC	PC	Fluid Power System (NJG)	T	3	0	0	3	3				
5	8	PC	PC	Lab: Fluid Power System (NJG)	P	0	0	2	2	1				
6	8	PC	PC	Machine Learning (RBC)	T	3	0	0	3	3				
7	8	PC	PC	Industrial Robotics (MST)	T	3	0	0	3	3				
8	8	PC	PC	Lab Industrial Robotics (MST)	P	0	0	2	2	1				
TOTAL						15	0	6	21	18				

MSEs* = Three MSEs of 15 Marks each will conducted and marks of better 2 of these 3 MSEs will be considered for Continuous Assessment

TA ** = for Theory : 20 marks on lecture quizzes, 8 marks on assignments, 2 marks on class performance

TA = for Practical : MSPA will be 15 marks each**

		June 2020	1.02	Applicable for AY 2020-21 Onwards
Chairperson	Dean (Acad. Matters)	Date of Release	Version	