

# Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal

New Scheme of Examination as per AICTE Flexible Curricula

**VI Semester**

**Bachelor of Technology (B.Tech.) Industrial & Production Engineering**

**(w.e.f. Jan, 2020)**

S.No.	Subject Code	Category	Subject Name	Maximum Marks Allotted					Total Marks	Contact Hours per week			Total Credits
				Theory			Practical			L	T	P	
				End Sem.	Mid Sem. Exam.	Quiz/ Assignment	End Sem	Term work Lab Work & Sessional					
1.	IP 601	DC	Tool Engg. & Design of Machine Tools	70	20	10	30	20	150	2	1	2	4
2.	IP 602	DC	CAD CAM	70	20	10	30	20	150	2	1	2	4
3.	IP 603	DE	Departmental Elective	70	20	10	-	-	100	4	-	0	4
4.	IP 604	OE	Open Elective	70	20	10	-	-	100	4	-	0	4
5.	IP 605	D Lab	Foundry & Forging process & simulation	-	-	-	30	20	50	-	-	6	3
6.	IP 606	O/E Lab	Startup / Industrial Lectures ** (Internal Assessment)	-	-	-	30	20	50	-	-	6	3
7.	IP 607	IN	Internship-III	To be completed anytime during Fifth/Sixth semester. Its evaluation/credit to be added in Seventh Semester.									
8.	IP 608	P	Minor Project II	-	-	-	-	50	50	-	-	4	2
9.	Additional Credits <sup>#</sup>	<sup>#</sup> Additional credits can be earned through successful completion of credit based MOOC's Courses available on SWAYAM platform (MHRD) at respective UG level.											
			Total	280	80	40	120	130	650	12	2	20	24

Departmental Electives	Open Electives
603 (A) Statistical Quality Control	604(A) Operations research
603 (B) Hydraulic and Pneumatics Engineering	604(B) Heat & Mass transfer
603(C) Finite Element method	604(C) IPR (Intellectual Property Rights )

\*\* OR any other subject as suggested by respective BOS

1 Hr Lecture	1 Hr Tutorial	2 Hr Practical
1 Credit	1 Credit	1 Credit