

**Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal**  
**New Scheme of Examination as per AICTE Flexible Curricula**  
**Bachelor of Technology (B.Tech.) Industrial & Production Engineering (w.e.f. July, 2019)**

**V Semester**

S.No.	Subject Code	Category	Subject Name	Maximum Marks Allotted					Total Marks	Contact Hours per week			Total Credits
				Theory			Practical						
				End Sem.	Mid Sem. Exam.	Quiz/ Assignment	End Sem	Term work					
								Lab Work & Sessional					
1.	IP 501	DC	Work Study & Ergonomics	70	20	10	30	20	150	3	-	2	4
2.	IP 502	DC	Production Technology	70	20	10	30	20	150	3	-	2	4
3.	IP 503	DE	Departmental Elective	70	20	10	-	-	100	3	1	-	4
4.	IP 504	OE	Open Elective	70	20	10	-	-	100	3	-	-	3
5.	IP 505	D Lab	Additive Manufacturing Process Simulation Software Lab	-	-	-	30	20	50	-	-	4	2
6.	IP 506	O/E Lab	Python	-	-	-	30	20	50	-	-	4	2
7.	BT 407	IN	Evaluation of Internship-II	-	-	-	-	100	100	-	-	6	3
8.		IN	Internship-III	To be completed anytime during Fifth/Sixth semester. Its evaluation/credit to be added in Seventh Semester.									
9.	IP 508	P	Minor Project I	-	-	-	-	50	50	-	-	4	2
10.	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	230	750	12	1	22	24

Departmental Electives	Open Electives
IP 503 (A) Design of Machine Element	IP 504 (A) Mechatronics
IP 503 (B) Metrology & Mechanical Measurements	IP 504 (B) Foundry & Welding Engineering
IP 503 (C) Manufacturing analysis	IP 504 (C) Estimation & Costing

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