SAMRAT ASHOK TECHNOLOGICAL INSTITUTE VIDISHA (M.P.)

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV Bhopal)

Scheme of Examination (Semester-V)

for Batch Admitted in session - 2024-25

Bachelor of Technology (B. Tech.) – Electrical Engineering

Subject Code	Subject Category	Subject Name	Maximum Marks Allotted								Contact Hrs.			Total Credits
			Theory				Practical			Total Marks				
			ES	MS	Assign ment	Quiz	ES	LW	Quiz		L	T	P	
EE- 501	DC	Control System	60	20	10	10	30	10	10	150	3	-	2	4
EE-502	DC	Power Electronics	60	20	10	10	30	10	10	150	3	-	2	4
EE-503	DC	Microprocessor & Micro Controller	60	20	10	10	30	10	10	150	3	-	2	4
EE-504	DC	Power System - II	60	20	10	10	-	-	-	100	3	-	-	3
OE-505	OE	OE-I	60	20	10	10	-	-	-	100	3	-	-	3
EE-506	DL	Lab- Machine Design	-	-	-	-	30	10	10	50	-	-	4	2
EE-507	ILC	Internship-II (90 Hrs) Institute level (evaluation)	-	--	-	-	-	50	-	50	-	-	4	2
Total			**300**	**100**	**50**	**50**	**120**	**90**	**40**	**750**	**15**	**0**	**14**	**22**

	ILC	Extracurricular Activities	It is a one credit per year activity to be endorsed in eight semester mark sheet

OE-505	OE-I	1. Control System 2. Power Generation Technologies	60	20	10	10	-	-	-	100	3	-	-	**3**

Abbreviations: ES -End Semester, MS- Mid Semester, LW- Laboratory Work/Assignment. (L: Lecture, T: Tutorial, P: Practical)
BSC- Basic Science Course, ESC- Engineering Science Course, HSMC- Humanities Science and Management Course, MAC- Mandatory, Audit Course, AC- Audit Course, HEC- Holistic Education Courses: NSS/NCC/NSO, ITC- Information Technology Course, ILC-Institute Level Course, DC- Department Course, DE-Department Elective, OC- Open Course, DLC- Department Laboratory, PROJ- Project Work, VA-Value Added Course

List of Courses for Honors Degree (MOOCs) ***NPTEL Session July-Aug, Minimum 5 Credits to be earn (Except the subjects which are in the scheme)**												**Credits**
												***5**
List of Courses for Minor Degree (MOOCs) ****NPTEL Session July-Aug, Minimum 5 Credits to be earn from Electrical Domain**												**Credits**
												****5**

Total 20 credits required for Honors / Minor degree

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