SAMRAT ASHOK TECHNOLOGICAL INSTITUTE VIDISHA (M.P.)

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

Scheme of Examination (Semester-VI)

for Batch Admitted in session - 2022-23

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-601	DC	Electrical Drives	60	20	10	10	30	10	10	150	3	-	2	4
EE-602	DC	Power System Analysis & Control	60	20	10	10	30	10	10	150	3	-	2	4
EE-603	DC	Electro Magnetic Theory	60	20	10	10	-	-	-	100	3	1	-	4
EE- 604	DC	Power Quality	60	20	10	10	-	-	-	100	3	1	-	4
OE-605	OE	OE-IV	60	20	10	10	-	-	-	100	3	-	-	3
EE-606	DL	Minor Project	-	-	-	-	60	30	10	100	-	-	4	2
EE-607	DL	Lab-Electrical Simulation					30	10	10	50	-	-	2	1
Total			**300**	**100**	**50**	**50**	**150**	**60**	**40**	**750**	**15**	**2**	**10**	**22**

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

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

Total 20 credits required for Honors / Minor degree

Internship-III (120 Hrs) External /Institute Level

EE-605	OE-	1. SCADA & PLC applications 2. Energy audit & management	60	20	10	10	-	-	-	100	3	-	-	**3**

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