



Shri Vaishnav Vidyapeeth Vishwavidyalaya
Shri Vaishnav Institute of Technology and Science

Choice Based Credit System (CBCS) Scheme in the light of NEP-2020
M.Tech. in Renewable Energy

SEMESTER - II (2024-26)

S. No.	COURSE CODE	COURSE NAME	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
			L	T	P		THEORY			PRACTICAL		
							End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment* (20%)	End Sem University Exam (60%)	Teachers Assessment* (40%)	
1	MTRE201	Wind Power Generation	2	0	2	3	60	20	20	30	20	150
2	MTRE202	Hydro Power Generation	2	0	2	3	60	20	20	30	20	150
3	MTRE203	Issues in Grid Integration of Power from Renewable Energy Sources	3	0	0	3	60	20	20	0	0	100
4	MTRE204	Software Simulation Lab	0	0	4	2	0	0	0	30	20	50
5		Elective II	3	0	0	3	60	20	20	0	0	100
6	MTRM301	Reasearch Methodology in Engineering	3	1	0	4	60	20	20	0	0	100
7		Generic Elective II	3	0	0	3	60	20	20	0	0	100
Total			16	1	8	21	360	120	120	90	60	750

Legends: L - Lecture ; T - Tutorial/Teacher Guided Student Activity ; P - Practical ;

*Teacher Assessment shall be based following components: Quiz/Assignment/Project/Participation in Class, given that no component shall exceed more than 10 marks.

Elective II	
MTRE211	Batteries and Fuel Cells
MTRE212	Sustainable Building and Cogeneration
MTRE213	Geo Thermal and Ocean Energy

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Shri Vaishnav Vidyapeeth
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