5. M.TECH. (Rural Technology)

MASTER OF TECHNOLOGY
(M. Tech. in Rural Technology)
(From the Academic Year - 2014-15)

Intake: 18

Eligibility

B.E. / B. Tech. (all branches) M. Sc. (all branches) AMIE / IETE or any equivalent degree (with minimum 50% aggregate marks for open category and 45% of marks for reservation category students) who could attain the required merit in the Entrance of the Maharashtra state DTE.

.

Course Structure and Scheme of Evaluation

SEMESTER I

Course code	Course	Teaching scheme				
		Lectures	Theory (Marks)	Practical	Marks	Credits
RETC 1-1	Energy Scenario & Role Of Rural Technology	3	100	2	25	4
RETC 1-2	Economic Analysis for Rural Management – I	3	100	----	---	3
RETC 1-3	Quantitative Analysis for Rural Management	3	100	----	----	3
RETC 1-4	Solid Waste Management And Its Conversion Technologies	3	100	2	25	4
RETE 1-5	Elective I	3	100	2	25	4
RETE 1-6	Elective II	3	100	2	25	4
RETE 1-7	Seminar I	--	---	2	50	1
	Total	**18**	**600**	**10**	**150**	**23**

Elective I (any one)
RETE 1-5.1 Pulp and Paper technology

RETE 1-5.2 Animal Food Processing
RETE 1-5.3 Construction Materials & Techniques For Rural Development

Elective II (any one)
RETE 1-6.1Ferro Cement Concreting Technology
RETE 1-6.2 Non Conventional energy Technology.
RETE 1-6.3 Organic and Mushroom Farming Technology

SEMESTER II

Course code	Course	Teaching scheme				
		Lectures	Theory	Practical	Marks	Credits
RETC 2-1	Remote Sensing and GIS	3	100	2	25	4
RETC 2-2	Economic Analysis for Rural Management – II	3	100	-	--	3
RETC 2-3	Social Policy, Planning and Development	3	100	-	--	3
RETC 2-4	Alternative Fuels for Transportation Technology	3	100	2	25	4
RETE 2-5	Elective III	3	100	2	25	4
RETE 2-6	Elective IV	3	100	2	25	4
RETE 2-7	Seminar II	--		2	50	1
	Total	**18**	**600**	**10**	**150**	**23**

Elective III (any one)

RETE 2-5.1 Wind Energy And Hydro Power System Technology

RETE 2-5.2 Waste Water Treatment And Its Conservation Technology

RETE 2-5.3 Plant Food Processing

Elective IV (any one)

RETE 2-6.1 Water Management For Rural Development

RETE 2-6.2 Energy Efficient Lighting Technology

RETE 2-6.3 Agro Waste Utilization

SEMESTER – III

Course code	Course	Teaching scheme			
		L	T	P	Credits
T 31	Industrial Training And Field Work	-	100	2	4
S 32	Dissertation Phase - I	-	100	5	10
Total			200	7	14
Contact hours per week/student is 2 & 5 for T 31 and S 32 respectively					

SEMESTER - IV

Course code	Course	Teaching scheme			
		L	T	P	Credits
D 42	Dissertation Phase - II	-	100	5	20
Total		-	100	5	20
Contact hours per week/student is 5 for D 42					

Scholarships/Freeships/Fellowships

The students admitted in various courses under YCSRD may apply for the Govt sponsored Scholarships/Freeships/Fellowships as per the State and Central Govt rules and regulations.

Fee Structure*

Title of the fee	Open category students Tuition fees including laboratory fee (per year)
M. Tech	8100/-

4)Facilities

The Department offers a number of facilities such as

- Internet facilities for staff and students - 20 nodes
- Total number of class rooms – 06
- Students' laboratories -02