

# MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

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

## Department of Electrical Engineering

Date: 16-04-2021

ORDER

In accordance with the Dean Academics, Order No. DA/MP/2021/1297, dated 15/04/2021 following Course Committees are being formed for various course tracks in the curriculum BTech, (Electrical, and Electrical-IoT) and ME(ISD).

### I. Electronics/ IoT Track

S. No.	Faculty	Courses in the Track	
		Subject Name	Subject Code
1	Dr. L. Srivastava	Basic Electrical & Electronics Engineering	100022
2	Dr. Vijay Bhuria	Basics of Internet of Things	230101
3	Prof. Kuldeep Swarnkar (OBE)	Digital Electronics & Logic Design	220201
4	Prof. Praveen Bansal	Analog Electronics	130304
5	Prof. Vishal Chaudhary	Digital Electronics & Microprocessor	130401
6	Dr. Vikram	Electromagnetic field Theory	130301
7	Prof. Jyoti Shukla	Network Analysis	130303
9	Prof. Bhavna Rathore	Mini-Project	130111
	Prof. Rahul Sagwal	Electrical Workshop	130212
	Prof. Nipun Gupta	Software Lab-I	130305
	Dr. Punjan Dohare	Software Lab-II	130405

### II. Power System Track

S. No.	Faculty	Courses in the Track	
		Subject Name	Subject Code
1	Dr. L. Srivastava	Power System-I	130404
2	Dr. Shishir Dixit (OBE)	Power System II	130502
3	Dr. Himmat Singh	Switchgear & Protection	130601
4	Dr. Jyoti Shukla	Computer Aided Power System Analysis	130611
5	Prof. Bhavna Rathore	IOT in Micro Grid	900216
6	Prof. Shweta Kumari	Power Quality and FACTS Controllers	580114
7		Smart grid Technology	580115

### III. Power Electronics, Machine, Drives and Automation Track

S. No.	Faculty	Courses in the Track	
		Subject name	Subject Code
1	Dr. L. Srivastava	Electrical Machines-I	130402
2	Prof. Praveen Bansal (OBE)	Electrical Machine – II	130503
3	Dr. Vikram	Power Electronics	130504
4	Prof. S. Rajput	Industrial Automation	130612
5	Prof. Nipun Gupta	Electric Drives	130711
6	Prof. Manoj Kumar	Electric Vehicle	900217
7		Power Electronics Converters	580112
8		Systems & Drives Lab -I	580118
9		Semiconductor Controlled Drives	580211
10		Electrical Machines Modelling and Drives	580212
11		Systems & Drives Lab II	580216
		Creative Problem Solving	130703

### IV. Control System Track

S. No.	Faculty	Courses in the Track	
		Subject name	Subject Code
1	Dr. L. Srivastava	Control System	130403
2	Dr. Sulochana Wadhvani(OBE)	Signals & System	130501
	Dr. Vikram	Microcontroller and Its Applications to	580213
	Prof. Ashis Patra	Power Converters	
3	Prof. Shailendra P. Singh	Intelligent Control Techniques	580113
4	Dr. Punjan Dohare	Industrial Process Control	580117

5	Minor Project-I	130505
6	Minor Project-II	130603
7	Control System Lab	130701

#### V. Instrumentation Track

S. No.	Faculty	Courses in the Track	
		Subject name	Subject Code
1	Dr. L. Srivastava	Sensor Technology	220202
2	Dr. A.K. Wadhvani (OBE)	Measurement & Instrumentation	130302
3	Prof. Rahul Sagwal	Transducers & Sensors	130613
4	Prof. Aprajita Kumari	Biomedical Instrumentation	900115
5		Industrial Instrumentation	580116

#### VI. Energy Track

S. No.	Faculty	Courses in the Track	
		Subject Name	Subject Code
1	Dr. L. Srivastava	Electrical Engineering Materials	130602
2	Dr. Vijay Bhuria (OBE)	Solar PV System : Design & Economics	130614
3	Prof. Rakesh Narvey	Renewable Energy system	130712
4	Prof. Saurabh Rajput	Energy Conservation & Management	900103
5	Prof. Rahul Sagwal	Application of Electrical equipment & Motors	900205

#### VIII. Finishing School/Summer Internship Program/Value added courses/Self-Study/Seminar Track

S. No.	Faculty	Courses in the Track	
		Subject Name	Subject Code
1	Dr. L. Srivastava	Summer Internship-I	130307
2	Dr. A.K. Wadhvani Dr. Shishir Dixit (OBE) Prof. Rakesh Narvey Dr. Himmat Singh Prof. Kuldeep Swarnkar Prof. Vishal Chaudhary Prof. Saurabh Rajput Prof. Rahul Sagwal Prof. Nipun Gupta Prof. Manoj Kumar Dr. Punjan Dohare Prof. Tarun Shrivastava Prof. Aprajita Kumari Prof. Shweta Kumar Prof. Shailendra P. Singh	Summer Internship-III/ Finishing School	130702

The above faculty members will assure/review/analysis and prepare the following documents for the assigned courses.

1. Quality improvement in teaching-learning evaluation for the assigned courses
2. Review/Framing of Course outcomes for each course taken by the faculty
3. Review of direct/indirect CO attainment
4. Collection and analysis the CO feedback from students
5. Analysis of stakeholders (alumni, employer, parent) feedback on curriculum
6. Preparing ATR based on the above; suggesting syllabus revision & suggestions for actions to be taken for curriculum revision/proposing new courses/curriculum development
7. Compilation of all documents and presenting in BoS meeting

Note: All the above documentation must be a part of the BoS files of the department

*Dr. Laxmi Srivastava*  
16/4/2021  
Dr. Laxmi Srivastava  
Prof. & Head, EED

Copy to:

1. Concerned faculty for necessary action
2. Office File