

Department of Electrical Engineering
Faculty of Engineering & Technology
Jamia Millia Islamia, New Delhi

25 March 2017

An Ordinary Meeting of the Board of Studies (BOS) of the Department of Electrical Engineering was held on 16th March 2017 at 02:30 pm in the committee room of Faculty of Engineering & Technology, Jamia Millia Islamia, New Delhi. The following members were present:

1. Prof. Majid Jamil	HOD and Chairman of BOS
2. Prof. A. Q. Ansari	Member
3. Prof. Zaheeruddin	”
4. Prof. H E Akhter	”
5. Prof. Z A Jaffery	”
6. Prof. Munna Khan	”
7. Prof. Shahida Khatoon	”
8. Prof. Anwar Shahzad Siddiqui	Member, Secretary
9. Prof. Tarikul Islam	”
10. Prof. Manauliah	”
11. Prof. Shabana Mehruz	”
12. Prof. Naimul Hasan	”
13. Dr. Iqbal Ali	”
14. Dr. Haroon Ashfaq	”
15. Dr. Rajveer Singh	”
16. Dr. Ahteshamul Haque	”
17. Dr. Sheeraz Kirmani	”
18. Dr. Abrar Ahmad	”

In the beginning HOD welcomed all members and congratulated Prof. Munna Khan and Dr. Ahteshamul Haque for organizing successful GIAN courses in the Department of Electrical Engineering.

Prof. Zaheeruddin on behalf of the BOS members congratulated HOD, Prof. Majid Jamil for organizing successfully important ‘Curriculum Revision Workshop’ in the department.

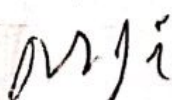
HOD also informed the BOS members about the following events held in the department:

- Prof. K U Ahmed memorial lecture.
- Educational Tour: B. Tech IV Year
- Industry Visit: B. Tech III Year (NRLD Centre, Katwaria Sarai)
- Industry Visit: B. Tech. II Year (ABB, Faridabad)

HOD, Prof. Majid Jamil thanked Dr. Rajveer Singh for coordinating these industry visits.

The following agenda items were taken up for discussion:

1. Confirmation of the Minutes of last BOS meeting held on January 25, 2017:
Minutes of the Board of Studies meeting held on January 25, 2017 were confirmed.

1


- Appointment of Lab./Seminar Examiners for M. Tech. (CIS/EPSM)
BoS approved the appointment of Lab. Seminar examiners of M. Tech. (CIS/EPSM) Even Semester-2017. List of Examiners in mentioned in **Annexure IV**.

(Not for circulation)

- Appointment of B. Tech Major Project Examiners
- BoS approved the appointment of Project examiners of B. Tech. (Electrical Engineering) Even Semester-2017. List of Examiners in mentioned in **Annexure V**.

(Not for circulation)

- Appointment of M. Tech Dissertation Examiners
BoS approved the appointment of Dissertation examiners of M. Tech. (CIS/EPSM) Even Semester-2017. List of Examiners in mentioned in **Annexure VI**.

(Not for circulation)

- Appointment of Ph. D. Annotated Bibliography Examiners
BoS approved the appointment of Ph. D. Annotated Bibliography examiners of Ph. D. (Electrical Engineering) Even Semester-2017. List of Examiners in mentioned in **Annexure VII**.

(Not for circulation)

It was proposed to conduct the Ph. D. Annotated Bibliography examinations with internal faculty members acting as examiners in line with practices in other departments.

3. Approval of B. Tech/M. Tech revised Course Structure and syllabi under CBCS:

BOS approved the B. Tech/M. Tech revised Course Structure and syllabi under CBCS, as decided in departmental meetings.

(Annexure VIII).

Following changes were made in the BOS meeting in the course structure:

1. A 'Power System Lab' to be included in the 8th semester of B. Tech. (Electrical Engineering).
2. Courses 'Switchgear and Protection' and 'Control Systems' would swap their positions in the course structure so that 'Switchgear and Protection' would be taught in 5th Semester whereas 'Control Systems' would be taught in 6th semester.

i. Approval of Prof. K U Ahmad Memorial lecture as an annual feature

HOD proposed 'Prof. K U Ahmed memorial lecture' be made an annual feature of the department. BOS approved and suggested the HOD to write a letter to the Academic Council for its approval of the same.

ii. Ph. D students' progress report

HOD asked the faculty members to inform their respective Ph.D. students to submit the progress reports by 15th April 2017, to the HOD office.

MJ-13

6. Any other items with the permission of the Chair :

• **Invigilation Duties in the Examinations of private students:**

HOD informed the BOS about the letter from Controller Examination office asking for the names of the faculty members for Invigilation Duties in the Examinations of private students latest by 31st March 2017. Faculty members suggested to the HOD to inform to the controller of examinations about the engagements of faculty members in teachings in the Department till 5th May 2017.

- Prof. A. Q. Ansari suggested that BOS may appoint Prof. Pragati Kumar, DTU as BOS external member in place of Dr. Fazle Azim, AMU (who has gone abroad and not available for BOS meetings). BOS approved the same.

• **Ph. D. Admission :**

The name of supervisor of Mr. Rajeev Kumar, a Ph. D Student is mistakenly was sent as **Dr. Raveer Singh** which is to be corrected as **Dr. Rajveer Singh**. The same was approved by the BOS

Title of PhD program of PhD research scholar Huma Khan was modified as follows:

New Title: Intelligent Controller Design for UGV
Old Title : Intelligent Controller Design for UAV/UGV

• **Request from Prof. Anwar Shahzad Siddiqui for relieving as Member Secretary of BOS**

HOD informed the BOS about the request from Prof. Anwar Shahzad Siddiqui for relieving as Member Secretary of BOS. BOS approved the same. HOD, Prof. Majid Jamil thanked Prof. Siddiqui for his long association of 9 years as Member Secretary of BOS.

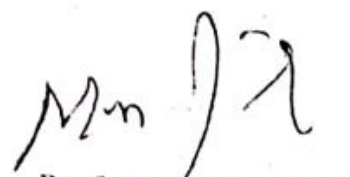
• **Registrar's letter about Citations, h-index, and i-index:**

HOD informed the BOS about the letter from Registrar Office about Citations, h-index, and i-index and asked the faculty members to keep their records updated.

• **Feedback about teaching and sessional tests :**

HOD informed the BOS about the feedback for teaching and Sessional tests and suggested all efforts be made for further improvements in the same

Meeting ended with a vote of thanks to the Chair.



Prof. Majid Jamil
Head and Chairman of BOS

DEPARTMENT OF ELECTRICAL ENGINEERING
FACULTY OF ENGINEERING AND TECHNOLOGY
JAMIA MILLIA ISLAMIA

**B. TECH. ELECTRICAL ENGINEERING COURSE STRUCTURE
UNDER THE CHOICE BASE CREDIT SYSTEM (CBCS)**

Effective from -----

Abbreviation		L	Lecture
BS	Basic Science	T	Tutorial
ES	Engineering Science	P	Practical
CBCS	Choice Based Credit System	CCA	Continuous Class Assessment
DC	Departmental core	MSE	Mid Semester Evaluation
DE	Departmental electives	ESE	End Semester Evaluation

B. TECH. ELECTRICAL ENGINEERING –II YEAR

Third Semester

S. No	Course No.	Course Name	Type	Credit	Periods Per week			Examination Scheme (Distribution of Marks)			
					L	T	P	CCA	MSE	ESE	Total
1.	EE-301	Transformer and Induction Machine	DC	3	2	1	-	8	22	45	75
2.	EE-302	Network Analysis	DC	3	2	1	-	8	22	45	75
3.	EE-303	Analog Electronics	ES	3	2	1	-	8	22	45	75
4.	EE-304	Signals and System	ES	3	2	1	-	8	22	45	75
5.	EE-305	Electromagnetic Field Theory	CBCS	4	3	1	-	10	30	60	100
6.	BS-301	Engineering Mathematics- III	BS	3	2	1	-	8	22	45	75

PRACTICAL (LAB.)

7.	EE-331	Transformer and Induction Machine Lab.	DC	1	-	-	2	15	-	10	25
8.	EE-332	Network Analysis Lab.	DC	1	-	-	2	15	-	10	25
9.	EE-333	Analog Electronics Lab.	ES	1	-	-	2	15	-	10	25
Total				22	13	6	6	Total			550

Fourth Semester

1.	EE-401	DC and Synchronous Machine	DC	3	2	1	-	8	22	45	75
2.	EE-402	Digital Electronics	ES	3	2	1	-	8	22	45	75
3.	EE-403	Fundamentals of Power Systems	DC	3	2	1	-	8	22	45	75
4.	EE-404	Programming Languages	ES	3	2	1	-	8	22	45	75
5.	EE-405	Computer Architecture	CBCS	4	3	1	-	10	30	60	100
6.	BS-401	Engineering Mathematics-IV	BS	3	2	1	-	8	22	45	75

PRACTICAL (LAB./SEMINAR)

7.	EE-431	DC and Synchronous Machine Lab.	DC	1	-	-	2	15	-	10	25
8.	EE-432	Digital Electronics Lab.	ES	1	-	-	2	15	-	10	25
9.	EE-434	Programming Languages Lab	ES	1	-	-	2	15	-	10	25
Total				22	13	5	8	Total			550

Refer ordinance 15-C (XV-C) clause 3(2).

- The Mid Semester Evaluation shall have a weightage of 40% while the remaining 60% weightage will be for End Semester Examination.
 - (i) 30% for two mid semester tests, both of equal weightage;
 - (ii) 10% for other modes of sessional evaluation (to be specified by the Faculty Committee and notified before the commencement of teaching of each course).
- There will be no Mid Semester practical tests. In a practical course/ project/ seminar/ industrial training/ field work, the End Semester Examination shall have a weightage of 40% while the performance of the student as evaluated by the teacher concerned during the semester (i.e. Mid Semester Evaluation) shall have a weightage of 60%.

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		ESE	End Semester Evaluation

B. TECH. ELECTRICAL ENGINEERING –III YEAR

Fifth Semester													
S. No	Course No.	Course Name	Type	Credit	Periods Per week			Examination Scheme (Distribution of Marks)					
					L	T	P	CCA	MSE	ESE	Total		
1.	EE-501	Switchgear and Protection	DC	3	2	1	-	8	22	45	75		
2.	EE-502	Power Electronics	DC	3	2	1	-	8	22	45	75		
3.	EE-503	Communication Systems	ES	3	3	1	-	10	30	60	75		
4.	EE-504	Electrical Measurement	DC	3	2	1	-	8	22	45	75		
5.	EE-505	Power Systems Analysis	DC	3	2	1	-	8	22	45	75		
6.	EE-506	Electrical Power Generation	CBCS	4	2	1	-	8	22	45	100		
PRACTICAL (LAB.)													
7.	EE-531	Switchgear and Protection Lab	DC	1	-	-	2	15	-	10	25		
8.	EE-532	Power Electronics Lab	DC	1	-	-	2	15	-	10	25		
9.	EE-533	Communication Systems Lab	ES	1	-	-	2	15	-	10	25		
				Total	22	13	6	6				Total	550
Sixth Semester													
1.	EE-601	Control Systems	DC	3	2	1	-	8	22	45	75		
2.	EE-602	Electrical and Electronics Instrumentation	DC	3	2	1	-	8	22	45	75		
3.	EE-603	Microprocessor and its Applications	ES	3	2	1	-	8	22	45	75		
4.	EE-604	Electric Drives	DC	3	2	1	-	8	22	45	75		
5.	BS-601	Engineering Mathematics-V	BS	2	2	-	-	5	15	30	50		
6.	-	Elective I	CBCS	4	3	1	-	10	30	69	100		
Elective-I EE-607 Digital Communication/EE-608 Programmable logic controller/EE-609 Data Structure													
PRACTICAL (LAB./SEMINAR)													
7.	EE-631	Control Systems Lab	DC	1	-	-	2	15	-	10	25		
8.	EE-632	Electrical Measurement Lab	DC	1	-	-	2	15	-	10	25		
9.	EE-633	Microprocessor Lab	ES	1	-	-	2	15	-	10	25		
10.	EE-640	Seminar	DC	1	-	-	2	15	-	10	25		
				Total	22	13	5	8				Total	550

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		ESE	End Semester Evaluation

B. TECH. ELECTRICAL ENGINEERING -IV YEAR

Seventh Semester

S. No	Course No.	Course Name	Type	Credit	Periods Per week			Examination Scheme (Distribution of Marks)					
					L	T	P	CCA	MSE	ESE	Total		
1.	EE-701	Advanced Control System	DC	3	2	1	-	8	22	45	75		
2.	EE-702	SCADA and Smart Grid Technologies	DC	3	2	1	-	8	22	45	75		
3.	EE-703	Renewable and Sustainable Energy Systems	DC	3	2	1	-	8	22	45	75		
4.	-	Elective-II	DE	3	2	1	-	8	22	45	75		
5.	EE-705	Soft Computing	CBCS	4	3	1	-	10	30	60	100		
Elective-II:		EE-706 Digital Signal Processing / EE-707 High Voltage Engineering / EE-708 Special Electrical Machines / EE-709 Embedded Systems											
PRACTICAL (LAB./MINOR PROJECT)													
6.	EE-732	SCADA and Smart Grid Technologies Lab	DC	1	-	-	2	15	-	10	25		
7.	EE-740	Industrial Training	DC	1	-	-	2	15	-	10	25		
8.	EE-750	Minor Project	DC	4	-	-	8	60	-	40	100		
Total				22	11	5	12					Total	550

Eighth Semester

1.	EE-801	Engineering Economics and Industrial Management	CBCS	4	3	1	-	10	30	60	100		
2.	EE-802	Power System Operation and Control	DC	3	2	1	-	8	22	45	75		
3.	-	Elective-III	DE	3	2	1	-	8	22	45	75		
4.	-	Elective-IV	DE	3	2	1	-	8	22	45	75		
Elective-III:		EE-803 Process Control / EE-804 Electrical Machine Design / EE-805 Advanced Protective Relays / EE-806 Utilization of Electrical Energy/ EE-812 Selected Topics in Power Electronics											
Elective-IV:		EE-807 Data Communications and Computer Networks, EE-808 Advanced Microprocessors/EE-809- Micro Controllers and applications/ EE-810 HVDC Transmission/ EE-811 Bio Medical Instrumentation											
PRACTICAL (LAB./MAJOR PROJECT)													
5.	EE-831	Power System Lab	DC	1	-	-	1	15	-	10	25		
6.	EE-850	Major Project	DC	8	-	-	16	120	-	80	200		
Total				22	9	4	17					Total	550

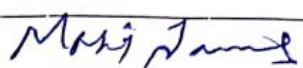

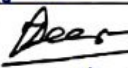

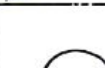
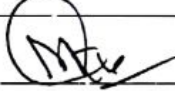
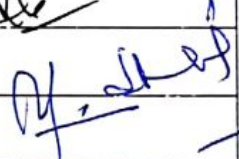




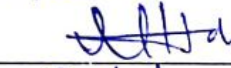
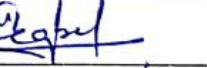




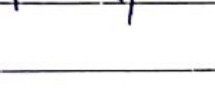

* During last summer vacation (Minimum 4 weeks)

Total	Semesters								Total Credit
	I	II	III	IV	V	VI	VII	VIII	
	26	26	22	22	22	22	22	22	184

DEPARTMENT OF ELECTRICAL ENGINEERING
Faculty of Engineering & Technology
Jamia Millia Islamia

Date: March 16, 2017

Subject: Attendance Board of Studies Meeting held on 16/03/ 2017

S. NO.	NAME OF TEACHER	DESIGNATION	SIGNATURE
1.	Prof. Majid Jamil	Chairman & Head	
2.	Prof. Sukumar Mishra IIT, Delhi	External Member	
3.	Prof. Mohd. Fazle Azeem AMU	External Member	
4.	Prof. Sushant G. Ghose	Internal Nominated Member	
5.	Prof. M. Ejaz Hussain	Internal Nominated Member	
6.	Prof. Abdul Quaiyum Ansari	Member	
7.	Prof. Zaheeruddin	Member	
8.	Prof. Hamid Ehsan Akhter	Member	
9.	Prof. Zainul Abidin Jaffery	Member	
10.	Prof. Munna Khan	Member	
11.	Prof. Shahida Khatoon	Member	
12.	Prof. Anwar Shahzad Siddiqui	Member	
13.	Prof. Shakeb Ahmad Khan	Member	
14.	Prof. Tarikul Islam	Member	
15.	Prof. Manullah	Member	
16.	Prof. Shabana Mehfuz	Member	
17.	Prof. Naimul Hasan	Member	
18.	Dr. Iqbal Ali	Member	
19.	Dr. Haroon Ashfaq	Member	
20.	Dr. Rajveer Singh	Member	
21.	Dr. Ahteshamul Haq	Member	
22.	Dr. Sheeraz Kirmani	Member	
23.	Dr. Abrar Ahmad	Member	
24.			
25.			
26.			

Department of Electrical Engineering, Faculty of Engg. & Tech, JMI
B.Tech. (Electrical Engineering) Time Table (w. e. f. 14.08.2017)

Day	Periods	I	II	III	IV	01:00-02:00	V	VI	VII	VII
	Classes	09:00-10:00	10:00-11:00	11:00-12:00	12:00-01:00		02:00-02:50	02:50-03:40	03:40-04:30	04:40-05:20
M O N D A Y	VII Semester	EES-702 (SHK)	EES-701 (MJV)	EES-704 (SAS)	EES-708 (ZU)		EES-714 Power System –III Lab	(SAS/MAN)	(MA/QN)	G1
	V Semester	EES-501 (HK)	EES-502 (MAK)	EES-503 (ZAJ)	EES-504 (SS)		EES-710 Industrial Training (Room No.111)	(SM/SHK)	(AQ/--)	G2
	V Sem [Mech]	BM-506 (AA)					EES-531 Control Systems Lab.	(SK/SS)	(MK/BL)	G1
	III Semester	EES-303 (MUS)	EES-302 (RE)	EES-301 (HEA)	EES-304 (MAN)					
	I Semester									
T U E S D A Y	VII Semester	EES-703 (HA)	EES-702 (SHK)	EES-704 (SAS)	EES-708 (ZU)		EES-714 Power Systems -III Lab	(SAS/MAN)	(MA/AQ)	G2
	V Semester	EES-502(MAK)	EES-501 (HK)	EES-505 (MS)	EES-504 (SS)		EES-710 Industrial Training (Room No.111)	(SM/AA)	(QN/--)	G1
	III Semester	EES-305(MZ)	EES-301 (HEA)	EES-302 (RE)	EES-304 (MAN)		EES-533 Communication Systems Lab.	(ZU/RS)	(RSM/RH)	G1
	I Semester						EES-532 Power Electronics Lab.	(AH/HA)	(TM/MZK)	G2
							EES-332 Network Analysis & Synthesis Lab	(SHK/RE)	(BL/MK)	G1
W E D N E S D A Y	VII Semester	EES-701 (MJV)	EES-702 (SHK)	EES-703 (HA)	EES-708 (ZU)					
	V Semester	EES-503 (ZAJ)	EES-502 (MAK)	EES-505 (MS)	EES-504 (SS)		EES-713 Electrical Machines –III Lab	(HA/RS/AH*)	(MA/AQ)	G1
	V Sem [Mech]	BM-506 (AA)					EES-720 Minor Project	(SAK/NH/MS/AA*)	(RSM/-)	G2
	III Semester	EES-305 (MZ)	EES-303 (MUS)	EES-302 (RE)	EES-301 (HEA)		EES-531 Control Systems Lab.	(HK/SK)	(MK/BL)	G2
	I Semester		BEE [Sec.- E] (KV)							
T H U R S D A Y	VII Semester	EES-704 (SAS)	EES-703 (HA)	EES-701 (MJV)	EES-708 (ZU)		EES-331 Electrical Machines-I Lab.	(HEA/MJ)	(MRA/JK)	G2
	V Semester	EES-501 (HK)	EES-503 (ZAJ)	EES-505 (MS)	EES-504 (SS)		EES-333 Analog Electronics Lab.	(AQA/MK)	(TM/RH)	G1
	V Sem [Mech]	BM-506 (AA)	BM-506 (AA)							
	III Semester	EES-301 (HEA)	EES-303 (MUS)	EES-305 (MZ)	EES-304 (MAN)					
	I Semester	BEE [Sec.- C] (RS)								
F R I D A Y	VII Semester	EES-702 (SHK)	EES-703 (HA)	EES-704 (SAS)	EES-701 (MJV)					
	V Semester	EES-505 (MS)	EES-502 (MAK)	EES-503 (ZAJ)	EES-501 (HK)		EES-713 Electrical Machines -III Lab	(HA/RS)	(MA/QN)	G2
	III Semester	EES-305 (MZ)	EES-303 (MUS)	EES-302 (RE)	EES-304 (MAN)		EES-720 Minor Project (Room No.111)	(SAK/NH/MS/)	(JK/--)	G1
	I Semester						EES-533 Communication Systems Lab.	(ZAJ/MZ)	(RSM/RH)	G2
							EES-532 Power Electronics Lab.	(AH/MAK)	(TM/MZK)	G1

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B. Tech. VII Semester (Room No. 108)

EES-701 Industrial Management: Mr. Mohd. Javed (MJV)
 EES-702 Switchgear and Protection: Dr. Sheeraz Kirmani (SHK)
 EES-703 Electrical Machines-III: Dr. Haroon Ashfaq (HA)
 EES-704 Power Systems-III: Prof. A. S. Siddiqui (SAS)
 EES-708 Soft Computing: Prof. Zaheeruddin (ZU)
 EES-720 Minor Project: Prof. S. A. Khan/Prof. Naimul Hasan/ Dr. Md Sarwar

B. Tech. I Semester

EES-101 Basic Electrical Engineering (Sec. C) : Dr. Rajveer Singh (RS)
 EES-101 Basic Electrical Engineering (Sec. D) : Ms. Kavita (KV)
 EES-101 Basic Electrical Engineering (Sec. E) : Ms. Kavita (KV)

*Exemption of 2 periods in load for administrative responsibilities

B. Tech. V Semester (Room No. 109)

EES-501 Control Systems – I : Ms Huma Khan (HK)
 EES-502 Power Electronics : Mohd. Ali Khan (MAK)
 EES-503 Communication Systems : Prof. Z. A. Jaffery (ZAJ)
 EES-504 Electrical Measurement-I (CBCS) : Dr. Shiraj Suhail (SS)
 EES-505 Power Systems-II: Mr. Mohd. Sarwar (MS)

B. Tech. III Semester (Room No. 317)

EES-301: Electrical Machines-I : Prof. H. E. Akhter (HEA)
 EES-302: Network Analysis & Synthesis: Dr. Reshma Ehtesham (RE)
 EES-303: Analog Electronics: Ms. Musarrat (MUS)
 EES-304: Signals and Systems (CBCS) : Prof. Manullah (MAN)
 EES-305: EMFT : Md. Zeeshan (MZ)



(Prof. Z. A. Jaffery)
Head

Department of Electrical Engineering, Faculty of Engg. & Tech., Jamia Millia Islamia
B.Tech. (Electrical) Time Table (w.e.f. 12.02.2018)

Day	Periods →	I	II	III	IV	01:00-02:00	VI	VII	VIII	IX
	Classes ↓	09:00-10:00	10:00-11:00	11:00-12:00	12:00-01:00		02:00-02:50	2:50-03:40	03:40-04:30	04:30-05:20
M O N D A Y	VIII Semester	EES-806(HA) (09:50-10:40)	EES-801(SK) (10:40-11:30)	EES-802(RS) (11:30-12:20)	EES-803(IA) (12:20-01:10)	I N T E R V A L	EES-821 Switchgear & Protection Lab EES-813 Energy Management Lab	(MJ/RS) (IA/SS)	(JK/BL) (MRA/MK)	G1 G2
	VI Semester	EES-602(SAK)	EES-603(MK)	EES-606(SM)	EES-604(MJ)		EES-633 Microprocessor Lab EES-640 Seminar (R. No. 111)	(MK/SAS) (SM/AA)	(RH/RSM) (AQ/-)	G1 G2
	IV Semester	EES-401(HEA)	EES-404(MAN)	EES-402(AH)	EES-405(IQ)		EES-434 Programming Languages EES-432 Digital Electronics	(RE/MAN) (AH/ZAJ)	(QN/MA) (TM/MZK)	G1 G2
	II Semester									
T U E S D A Y	VIII Semester	EES-801(SK) (09:50-10:40)	EES-803(IA) (10:40-11:30)	EES-806(HA) (11:30-12:20)	EES-802(RS) (12:20-01:10)		EES-820 Major Project (R. No. 107)	(SAK/SHK/AKS)		G1
	VI Semester	EES-603(MK)	EES-602(SAK)	EES-601(AKS)	EES-606(SM)		EES-633 Microprocessor Lab EES-640 Seminar (R. No. 111)	(MK/SAS) (SM/AA)	(RH/RSM) (AQ/-)	G2 G1
	IV Semester	EES-403(MS)	EES-404(MAN)	EES-402(AH)	EES-405(IQ)		EES-434 Programming Languages EES-432 Digital Electronics	(RE/MAN) (AH/ZAJ*/MAK)	(QN/MA) (TM/MZK)	G2 G1
	II Semester	EES-101 [Sec.A](RE) EES-101 [Sec.B](MAK)								EES-101 [Sec.F] (04-05)(HK)
W E D N E S D A Y	VIII Semester	EES-802(RS) (09:50-10:40)	EES-803(IA) (10:40-11:30)	EES-806(HA) (11:30-12:20)	EES-801(SK) (12:20-01:10)		EES-820 Major Project (R. No. 107)	(AH*/SAK/MS)	(AQ-)	G2
	VI Semester	EES-603(MK)	EES-602(SAK)	EES-601(AKS)	EES-604(MJ)		EES-632 Electrical Measurement Lab EES-631 Switchgear & Protection Lab	(TI/SK) (AKS/SHK)	(MZK/TM) (JK/BL/MA)	G1 G2
	IV Semester	EES-404(MAN)	EES-403(MS)	EES-401(HEA)	EES-405(IQ)		EES-431 Electrical Machines-II	(HEA/HA)	(MRA/RH)	G1
	II Semester						EES-101 [Sec.A] (02-03)(RE)	EES-101 [Sec.B] (03-04)(MAK)		
T H U R S D A Y	VIII Semester	EES-803(IA) (09:50-10:40)	EES-802(RS) (10:40-11:30)	EES-806(HA) (11:30-12:20)	EES-801(SK) (12:20-01:10)					
	VI Semester	EES-601(AKS)	EES-602(SAK)	EES-606(SM)	EES-604(MJ)		EES-632 Electrical Measurement EES-631 Switchgear & Protection Lab	(TI/HK) (AKS/SHK)	(MZK/TM/RH) (JK/MA)	G2 G1
	IV Semester	EES-403(MS)	EES-401(HEA)	EES-402(AH)	EES-405(IQ)		EES-431 Electrical Machines-II	(HEA/HA)	(MRA/BL)	G2
	II Semester									
F R I D A Y	VIII Semester	---	EES-821 Switchgear & Protection Lab G2 (MJ/RS) (JK/BL) EES-813 Energy Management Lab G1 (IA/SS) (MRA/MK) (9:50-1:00)							
	VI Semester	EES-604(MJ)	EES-603(MK)	EES-606(SM)	EES-601(AKS)					
	IV Semester	EES-402(AH)	EES-401(HEA)	EES-404(MAN)	EES-403(MS)					
	II Semester	EES-101 [Sec.F] (HK) (9.00-9.50)	EES-101 [Sec.A](RE) (9.50-10.40)							

Names of Teachers:

Prof. A. Q. Ansari (AQ)	Prof. Majid Jamil (MJ)	Prof. Shahida Khatoon (SK)	Prof. Tariqul Islam (TI)	Dr. Iqbal Ali (IA)	Dr. Arunesh Kumar Singh(AKS)	Dr. Abrar Ahmad (AA)	Mr. Mohd Ali Khan (MAK)
Prof. H. E. Akhter (HEA)	Prof. Z. A. Jaffery (ZAJ)	Prof. A. S. Siddiqui (SAS)	Prof. Manaullah (MAN)	Dr. Haroon Ashfaq (HA)	Dr. Ahteshamul Haque (AH)	Mr. Mohd Sarwar (MS)	Ms. Huma Khan (HK)
Prof. Idris Qureshi (IQ)	Prof. Munna Khan (MK)	Prof. Shakeb A. Khan (SAK)	Prof. Shabana Mehruz (SM)	Dr. Rajveer Singh (RS)	Dr. Sheeraz Kirmani (SHK)	Dr. Reshma Ehtesham (RE)	

* Exemption of 2 periods in load for administrative responsibilities

VIII Semester	EES-801: Advance Control (SK)	EES-802: Utilization of Electrical Energy(RS)	
	EES-803: Energy Management System (IA)	EES-806: HVDC Technologies (HA)	
VI Semester	EES-601: Switchgear & Protection (AKS)	EES-602: Electrical Measurement-II (SAK)	EES-603: Microprocessor (MK)
	EES-604: Power Station Practice(MJ) (CBCS)	EES-606: Computer Architecture(SM)	
IV Semester:	EES-401: Electrical Machines-II (HEA)	EES-402: Digital Electronics (AH)	EES-403: Power System-I(MS)
	EES-404: Programming Languages(MAN)	EES-405: Engineering Maths II (IQ) (CBCS)	



B. Tech. Room Nos. VIII Sem- 108 VI Sem-109 IV Sem-317

Prof. Z. A. Jaffery
Head

Department of Electrical Engineering, Faculty of Engg. & Tech, JMI
B.Tech. (Electrical Engineering) Time Table (w. e. f. 19.08.2019)

Day	Periods	I	II	III	IV	01:00-02:00	V	VI	VII	VII
	Classes	09:00-10:00	10:00-11:00	11:00-12:00	12:00-01:00		02:00-02:50	02:50-03:40	03:40-04:30	4:30-5:20
M O N D A Y	VII Semester	EES-702 (HA)	EES-705 (ZU)/ EES-709 (MK)	EES-701 (IB)	EES-703 (ZAJ)	I N T E R V A L	EES-750 Minor Project (SAK/RS/IB) MK/--		G1 G2	
	V Semester	EE-502 (MAK)	EE-501 (SHK)	EE-503 (AQA)	EE-506 (RS)		EE-531 Switchgear & Protection Lab. (MJ/SHK) JK/MZK		G1:G2	
	III Semester	EE-301 (HEA)	EE304- MAN)	EE-302 (RE)	EE-305 (HK)		EE-332 Network Analysis & Synthesis Lab (SK/RE) BL/RSM		G1:G2	
	I Semester	EE-101[D](RE) EE-101[E](SS)					EE-333 Analog Electronics Lab. (MK/SS) RH/TM		G2:G1	
							(4:00-5:00 PM) EE-101 [C] (MS)			
T U E S D A Y	VII Semester	EES-702 (HA)	EES-705 (ZU)/ EES-709 (MK)	EES-701 (IB)	EES-703 (ZAJ)		EES-731 Power Systems Lab (SAS/AKS) QN/KA		G1	
	V Semester	EE-502(MAK)	EE-501 (SHK)	EE-505 (SAS)	EE-503 (AQA)		EES-730 Industrial Training (Room No.111) (SM/AA) AQ/		G2 G3	
	III Semester	EE-302 (RE)	EE-304 (MAN)	EE-301 (HEA)	EE-305 (HK)		EE-533 Communication Systems Lab. (AQA/MS) RSM/BL		G1:G2	
	I Semester	EE-101 [E] (SS)					EE-532 Power Electronics Lab. (ZAJ/AH) TM/MZK		G2:G1	
W E D N E S D A Y	VII Semester	EES-705 (ZU)/ EES-709 (MK)	EES-702 (HA)	EES-701 (IB)	EES-703 (ZAJ)		EES-750 Minor Project (SAK/RS/IB*) ZF		G3G4	
	V Semester	EE-501(SHK)	EE-504 (HK)	EE-505 (SAS)	EES-506 (RS)		EE-533 Communication Systems Lab. (AQA/MS) RSM/		G3G4	
	III Semester	BS-301 (QK)	EE-304 (MAN)	EE-303(SS)	EE-302 (MS)		EE-532 Power Electronics Lab. (MAK/AH/ZAJ*) TM/MK		G4G3	
	I Semester	EE-101 [E] (SS)					EE-332 Network Analysis & Synthesis Lab (SK/RE) BL/JK		G3:G4	
T H U R S D A Y	VII Semester	EES-701 (IB)	EES-702 (HA)	EES-705 (ZU)/ EES-709 (MK)	EES-703 (ZAJ)		EE-333 Analog Electronics Lab. (MK/SS) RH/MA		G4:G3	
	V Semester	EE-503 (AQA)	EES-504 (HK)	EES-505 (SAS)	EES-506 (RS)		EES-731 Power Systems Lab (MAN/AKS) QN/KA		G2	
	III Semester	BS-301 (QK)	EE-303 (SS)	EE-301 (HEA)	EE-305 (HK)		EES-730 Industrial Training (Room No.111) (SM/AA)3 RH/BL		G3	
	I Semester					EE-531 Switchgear & Protection Lab. (MJ/SHK) JK/MK		G3:G4		
F R I D A Y	VII Semester	EES-731 Power Systems Lab (SAS/MAN) (MA/KA) G3				EE-331 Transformer and Induction M/C (HA/HEA) MA/MZK		G3:G4		
	V Semester	EE-504 (HK)	EE-502 (MAK)	EE-506(RS)						
	III Semester	EE-303 (SS)	BS-301 (QK)	EE-305 (HK)						
	I Semester	EE-101 [C](MS)						EE-101 [D] (RE)(4-5) EE-101 [C] (MS)		
								EE-101 [D] (RE)(4-5)		

B. Tech. VII Semester (Room No. 108)

EES-701 Advanced Power Systems: Prof. Ibraheem (IB)
 EES-702 HVDC Transmission: Dr. Haroon Ashfaq (HA)
 EES-703 Microcontroller & Its Applications(CBCS): Prof. Z. A. Jaffery (ZAJ)
 EES-705 Soft Computing: Prof. Zaheeruddin (ZU) (Computer Lab)
 EES-709 Biomedical Instrumentation: Prof. Munna Khan (MK)

B. Tech. I Semester

EE-101Basic Electrical Engineering (Sec. C) : Dr. Mohd. Sarwar (MS)
 EE-101Basic Electrical Engineering (Sec. D) : Dr. Reshma Ehtesham (RE)
 EE-101Basic Electrical Engineering (Sec. E) : Dr. Siraj Suhail (SS)

B. Tech. V Semester (Room No. 109)

EE-501 Switchgear & Protection : Dr. Sheeraj Kirmani (SHK)
 EE-502 Power Electronics : Mr. Mohd. Ali Khan (MAK)
 EE-503 Communication Systems : Prof. A. Q. Ansari (AQA)
 EE-504 Electrical Measurement-I : Guest Faculty 1 (HK)
 EE-505 Power Systems Analysis: Prof. Anwar Shehzad Siddiqui (SAS)
 EE-506 Electrical Power Generation (CBCS): Dr. Rajveer Singh

*Exemption of 2 periods in load for administrative responsibilities

B. Tech. III Semester (Room No. 317)

EES-301: Transformer and Induction Machine : Prof. H. E. Akhter (HEA)
 EES-302: Network Analysis & Synthesis: Contractual Faculty 2 (RE)
 EES-303: Analog Electronics :Contractual Faculty 3 (SS)
 EES-304: Signals and Systems: Prof. Manaullah (MAN)
 EES-305: EMFT(CBCS) : Ms. Huma Khan (HK)
 BS-301: Engineering Mathematic-IV: Dr. Qudus Khan (QK)

(Handwritten Signature)
 16/8/19
 (Prof. Z. A. Jaffery)
 Head

M. Tech (CIS/EPMSM) Time Table (w. e. f. 14.08.2017)

Day	Periods	I	II	III	IV	V	VI	VII	VIII	
	Classes	09:00-10:00	10:00-11:00	11:00-12:00	12:00-01:00	01:00-02:00	02:00-02:50	02:50-03:40	03:40-04:30	04:30-05:20
M O N D A Y	III Semester		EEM-304(MK)[CIS]		EEM-301 (TI) [CIS]	I N T E R V A L				
			EEM-306 (AH) [EPMSM/CIS]		EEM-308 (IA) [EPMSM]					
	I Semester	EEM-102 (SAK) [CIS]	EEM-104 (AQA)	EEM-103 (SK) [CIS]	EEM-101 (SM)					
		EEM-111 (MJ) [EPMSM]		EEM-109(MS) [EPMSM]						
T U E S D A Y	III Semester		EEM-304(MK)[CIS]	EEM-301 (TI) [CIS]						
			EEM-306 (AH) [EPMSM/CIS]	EEM-308 (IA) [EPMSM]						
	I Semester	EEM-103 (SK) [CIS]	EEM-107 (RE)	EEM-104 (AQA)	EEM-101 (SM)					
		EEM-111 (MJ) [EPMSM]								
W E D N E S D A Y	III Semester	EEM-304(MK)[CIS]	EEM-301 (TI) [CIS]							
		EEM-306 (AH) [EPMSM/CIS]	EEM-308 (IA) [EPMSM]							
	I Semester	EEM-107 (RE)	EEM-104 (AQA)	EEM-103 (SK) [CIS]	EEM-102 (SAK) [CIS]					
				EEM-111 (MJ) [EPMSM]	EEM-109 (MS) [EPMSM]					
T H U R S D A Y	III Semester			EEM-301 (TI) [CIS]	EEM-304(MK)[CIS]					
				EEM-308 (IA) [EPMSM]	EEM-306 (AH) [EPMSM/CIS]					
	I Semester	EEM-102 (SAK) [CIS]	EEM-103 (SK) [CIS]	EEM-107 (RE)	EEM-101 (SM)					
		EEM-109 (MS) [EPMSM]	EEM-111 (MJ) [EPMSM]							
F R I D A Y	III Semester									
	I Semester	EEM-107 (RE)	EEM-104 (AQA)	EEM-102 (SAK) [CIS]	EEM-101 (SM)					
				EEM-109 (MS) [EPMSM]						

M. Tech. I Semester

EEM-101 Intelligent Techniques [CIS/EPMSM]: Prof. Shabana Mehfuz (SM)
 EEM-102 Instrumentation Systems [CIS]: Prof. S. A. Khan (SAK)
 EEM-103 Optimal Control Theory [CIS]: Prof. Shahida Khatoon (SK)
 EEM-104 Modeling & Simulation [CIS/EPMSM]: Prof. A. Q. Ansari (AQA)
 EEM-107 Automation Systems [CIS/EPMSM]: Reshma Ehtesham (RE)
 EEM-109 Power System Modeling [EPMSM]: Mohd. Sarwar (MS)
 EEM-111 Renewable and Sustainable Energy Systems [EPMSM]: Prof. Majid Jamil (MJ)

[Room No. 107]
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 [Room No. 111]
 [Room No. 111]

M. Tech. III Semester

EEM-301 Digital Instrumentation [CIS]: Prof. Tarikul Islam (TI)
 EEM-304 Biomedical Instrumentation [CIS]: Prof. Munna Khan (MK)
 EEM-306 Advanced Power Electronics [CIS/EPMSM]: Dr. Ahtashamul Haque (AH) [Room No. 111]
 EEM-308 Smart Grid Technologies [EPMSM]: Dr. Iqbal Ali (IA)

[Room No. 124] Computer Lab
 [Room No. 124] Computer Lab
 [Room No. 111]
 [Room No. 111]

(Prof. Z. A. Jaffery)
 Head

Ph.D. (Electrical)/ M.Tech.(EPSM) / M.Tech.(CIS) II & IV Semester Time Table (w.e.f. 12.02.2018)

Periods →	I	II	III	IV	01:00-02:00	VI	VII	VIII	IX
Day ↓	09:00-10:00	10:00-11:00	11:00-12:00	12:00-01:00			02:00-02:50	2:50-03:40	03:40-04:30
MONDAY	EEM-211 (AA)	EEM-214 (SHK)	EEM-209 (SAS)	EEM-216 (AQA)	I N T E R V A L	Dissertation			
	EEM-203 (TI)	EEM-202 (SS)	EEM-207 (ZAJ)						
TUESDAY	EEM-214 (SHK)	EEM-209 (SAS)	EEM-216 (AQA)	EEM-201 (ZU)		EEM-240 SEMINAR [SCADA Lab] (AQA/ZU/HA) (MK)			
	EEM-202 (SS)	EEM-207 (ZAJ)							
WEDNESDAY	EEM-211 (AA)	EEM-214 (SHK)	EEM-216 (AQA)	EEM-201 (ZU)		EEM-450 M. Tech. IV Sem Dissertation Presentation [SCADA Lab] (AQA/ZU/RS) (RSM)			
	EEM-203 (TI)	EEM-202 (SS)							
THURSDAY	EEM-216 (AQA)	EEM-211 (AA)	EEM-209 (SAS)	EEM-201 (ZU)		EEM-239 Power System Automation Lab (AA/RE) (RMS)			
		EEM-203 (TI)	EEM-207 (ZAJ)						
FRIDAY	EEM-214 (SHK)	EEM-211 (AA)	EEM-201 (ZU)	EEM-209 (SAS)		EEM-232 Advanced Control Systems Lab (SK/SS) (MK)			
	EEM-202 (SS)	EEM-203 (TI)		EEM-207 (ZAJ)					

M. Tech. II Semester

EEM-201: Optimization Techniques, (CBCS) [EPSM/CIS]	Prof. Zaheeruddin (ZU)	[Room No. 107]
EEM-202: Adaptive & Robust Control [CIS]	Dr. Shiraj Suhail (SS)	[Room No. 107]
EEM-203: Transducer Technology [CIS]	Prof. Tariqul Islam (TI)	[Room No. 107]
EEM-207: Embedded Systems [CIS]	Prof. Z. A. Jaffery (ZAJ)	[Room No. 107]
EEM-209: Power System Dynamics & Stability [EPSM]	Prof. A. S. Siddiqui (SAS)	[Room No. 111]
EEM-211: Transmission & Distribution Automation [EPSM]	Dr. Abrar Ahmad (AA)	[Room No. 111]
EEM-214: Power System Planning & Reliability [EPSM]	Dr. Sheeraj Kirmani (SHK)	[Room No. 111]
EEM-216: Digital Communications [EPSM/CIS]	Prof. A. Q. Ansari (AQA)	[Room No. 107]
EEM-239 Power System Automation Lab [EPSM]	Dr. Abrar Ahmad (AA)/Dr. Rajveer Singh (RS)	
EEM-232 Advanced Control Systems Lab [CIS]	Ms. Huma Khan (HK)/Dr. Shiraj Suhail (SS)	
EEM-240 SEMINAR (SCADA Lab) [EPSM/CIS]	Prof. A Q. Ansari (AQA)/Prof. Zaheeruddin (ZU)/ Dr. Haroon Asfaq (HA)	

M. Tech. IV Semester

EEM-450 M. Tech. IV Sem Dissertation Presentation [EPSM/CIS]	Prof. A. Q. Ansari (AQA) Prof. Zaheeruddin (ZU) Dr. Rajveer Singh (RS)
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Prof. Z. A. Jaffery
Head

Department of Electrical Engineering, Faculty of Engg. & Tech, JMI
M. Tech (CIS/EPsm) Time Table (w. e. f. 19.08.2019)

Day	Periods	I	II	III	IV	V	VI	VII	VIII	
	Classes	09:00-10:00	10:00-11:00	11:00-12:00	12:00-01:00	01:00-02:00	02:00-02:50	02:50-03:40	03:40-04:30	04:30-05:20
M O N D A Y	III Semester			EEM-301 (TI) [CIS]	EEM-304(MK)[CIS]	I N T E R V A L	EEM-350 Minor Project [EPsm]		(ZU/HA/IA)	(ZF)
				EEM-308 (IA) [EPsm]	EEM-306 (AH) [EPsm/CIS]					
I Semester		EEM-103 (SK) [CIS]	EEM-102 (SAK) [CIS]	EEM-104 (AKA)	EEM-101 (SM)					
		EEM-111 (MJ) [EPsm]	EEM-109(MS) [EPsm]							
T U E S D A Y	III Semester			EEM-301 (TI) [CIS]	EEM-304(MK)[CIS]		EEM-350 Minor Project [CIS]		(ZU/RS/TI)	(ZF)
				EEM-308 (IA) [EPsm]	EEM-306 (AH) [EPsm/CIS]					
I Semester		EEM-102 (SAK) [CIS]	EEM-103 (SK) [CIS]	EEM-107 (AA)	EEM-101 (SM)		EEM-134 SCADA Lab [EPsm]		(IA/SHK)	(MK)
		EEM-111 (MJ) [EPsm]	EEM-109(MS) [EPsm]							
W E D N E S D A Y	III Semester			EEM-301 (TI) [CIS]	EEM-304(MK)[CIS]					
				EEM-308 (IA) [EPsm]	EEM-306 (AH) [EPsm/CIS]					
I Semester		EEM-107 (AA)	EEM-102 (SAK) [CIS]	EEM-104 (AKS)	EEM-101 (SM)	EEM-132 Instrumentation System Lab (CIS) (TI/AKS)			(MZK)	
			EEM-111 (MJ) [EPsm]							
T H U R S D A Y	III Semester	EEM-301 (TI) [CIS]	EEM-304(MK)[CIS]			Minor Project				
		EEM-308 (IA) [EPsm]	EEM-306 (AH) [EPsm/CIS]							
I Semester		EEM-107 (AA)	EEM-104 (AKS)	EEM-103 (SK) [CIS]	EEM-101 (SM)					
				EEM-109 (MS) [EPsm]						
F R I D A Y	III Semester					Minor Project				
				EEM-102 (SAK) [CIS]	EEM-104 (AKS)					
I Semester		EEM-103 (SK) [CIS]	EEM-107 (AA)	EEM-109 (MS) [EPsm]						
		EEM-111 (MJ) [EPsm]								

M. Tech. I Semester

EEM-101 Intelligent Techniques [CIS/EPsm]: Prof. Shabana Mehfuz (SM) (CBCS) [Room No. 107]
 EEM-102 Instrumentation Systems [CIS]: Prof. S. A. Khan (SAK) [Room No. 107]
 EEM-103 Optimal Control Theory [CIS]: Prof. Shahida Khatoon (SK) [Room No. 107]
 EEM-104 Modeling & Simulation [CIS/EPsm]: Dr. Arunesh kumar Singh (AKS) [Room No. 107]
 EEM-107 Automation Systems [CIS/EPsm]: Dr. Abrar Ahmad (AA) [Room No. 107]
 EEM-109 Power System Modeling [EPsm]: Dr. Mohd. Sarwar (MS) [Room No. 111]
 EEM-111 Renewable and Sustainable Energy Systems [EPsm]: Prof. Majid Jamil (MJ) [Room No. 111]

M. Tech. III Semester

EEM-301 Digital Instrumentation [CIS]: Prof. Tarikul Islam(TI) [Room No. 124] Computer Lab
 EEM-304 Biomedical Instrumentation [CIS]: Prof. Munna Khan (MK) [Room No. 124] Computer Lab
 EEM-306 Advanced Power Electronics [CIS/EPsm]: Dr. Ahtashamul Haque (AH) [Room No. 111]
 EEM-308 Smart Grid Technologies [EPsm]: Dr. Ikbal Ali (IA) [Room No. 111]

(Prof. Z. A. Jaffery)
 Head

16/8/19