

EE381A/EE481A Evaluation

Internal lab assessment 60% (EMEC 20%+ DCMP 20%+ EC 20%)

Midsem – Written exam of two hour duration for 10% (EMEC 5% + DCMP 5%)

Quizzes at the beginning of each lab for EC – 5%

Endsem Lab examination 25%

General Instructions

1. There will be NO Endsem examination. There will be a final LAB examination, and a written examination for EMEC, and DCMP during midsem for one hour duration.
2. There will be quizzes for EC before each lab and form 5% marks.
3. The lab examination will carry 25% marks. Each student in EE380A will be asked to carry out one experiment in any one of the three labs (EC, DCMP, EMEC) randomly based on the lottery. The lab examinations will on the afternoon of **April 16 and 17, 2018**. The only lab exam marks will be normalized as follows. For the whole class, if the average is m_t , and standard deviation is σ_t , and if for EC mean is m_e and variance is σ_e , for all the student who have been examined in EC and got marks x_i , the marks will be scaled up by linear transformation $y_i = A x_i + B$, where $A = \frac{\sigma_t}{\sigma_e}$ and $B = m_t - \frac{\sigma_t}{\sigma_e} m_e$. In case, after transformation marks becomes more than 25, we will take it as 25 and if it becomes less than 0, it will be taken as 0. Similar, the transformation for EMEC and DCMP lab exam marks will also be done. Normalization of **only lab exam marks** will be done.
4. **For EE481A students, there will lab examination only for DCMP and will consist of experiment decided by the lottery. The maximum total marks for them will 50 (20% lab + 5% for midsem exam + 25% for lab exam). For EE481A students, the midsem exam duration will be 30 minutes.**

Instructions:

Each lab instructor will give the instructions for their labs separately as per the lecture schedule given.

EE381A/EE481A Sections

The list will be maintained on Brihaspati-3 (brihaspati.nmeict.in). Use Open Access Courses to access EE381A course.

Holidays:

26 January, 14 February, 02, 29, 30 March, 30 April

Special Note

Demo in the HV Laboratory (WL114) as one experiment of EMEC lab.

March 24, 2018:

9:30am to 11 am Section B

11:30am to 1 pm Section D

April 07, 2018

9:30am to 11 am Section A

11:30am to 1 pm Section C

Pl ensure that you are present on above Saturday mornings.

The demo counts as one expt and the attendance is mandatory.

Attendance will be recorded and wilful absence will affect the evaluation.

DEPARTMENT OF ELECTRICAL ENGINEERING
EE381A/EE481A Lab schedule. Sem-II, 2017-2018

Dates	Monday	Tuesday	Wednesday	Thursday	Saturday
Jan 1, 2, 3, 4, 6	No lab	No lab	No lab	No lab	No lab
Jan 8, 9, 10, 11, 13	DCMP-1 A EC-1 B	DCMP-1 C EC-1 D	DCMP-1 B EC-1 A	DCMP-1 D EC-1 C	
Jan 15, 16, 17, 18, 20	DCMP-2 A EC-2 B	DCMP-2 C EC-1 D	DCMP-2 B EC-2 A	DCMP-2 D EC-2 C	
Jan 22, 23, 24, 25, 27	DCMP-3 A EC-3 B	DCMP-3 C EC-3 D	DCMP-3 B EC-3 A	DCMP-3 D EC-3 C	
Jan 29, 30, 31, Feb 1, 3	DCMP-4 A EC-4 B	DCMP-4 C EC-4 D	DCMP-4 B EC-4 A	DCMP-4 D EC-4 C	
Feb 5, 6, 7, 8, 10	DCMP-5 A EMEC-1 B	DCMP-5 C EMEC-1 D	DCMP-5 B EMEC-1 A	DCMP-5 D EMEC-1 C	
Feb 12, 13, 14, 15, 17	Makeup	Makeup	Maha Shivratri	Makeup	
Feb 19, 20, 21, 22, 24	Midsem Exams				
Feb 26, 27, 28, Mar 1, 3	Midsem Break				
Mar 5, 6, 7, 8, 10	DCMP-6 A EMEC-2 B	DCMP-6 C EMEC-2 D	DCMP-6 B EMEC-2 A	DCMP-6 D EMEC-2 C	
Mar 12, 13, 14, 15, 17	DCMP-7 A EMEC-3 B	DCMP-7 C EMEC-3 D	DCMP-7 B EMEC-3 A	DCMP-7 D EMEC-3 C	
Mar 19, 20, 21, 22, 24	EC-5 A EMEC-4 B	EC-5 C EMEC-4 D	EC-5 B EMEC-4 A	EC-5 D EMEC-4 C	
Mar 26, 27, 28, 29, 31	EC-6 A EMEC-5 B	EC-6 C EMEC-5 D	EC-6 B EMEC-5 A	Mahavir Jayanti	EC-6 D EMEC-5 C
Apr 2, 3, 4, 5, 7	EC-7 A EMEC-6 B	EC-7 C EMEC-6 D	EC-7 B EMEC-6 A	EC-7 D EMEC-6 C	
Apr 9, 10, 11, 12, 14	Makeup	Makeup	Makeup	Makeup	
Apr 16, 17, 18, 19, 21	Lab Exam A, B	Lab Exam C, D			
Apr 23, 24, 25, 26, 28	EndSem Examination				

EMEC: Electro mechanical energy conversion (ACES105) Instructor: Dr. A. Mohapatra (abheem)
 EC: Electronic Circuits (WL123) Instructor: Dr. Baquer Mazhari (baquer)

DCMP: Digital circuits and microprocessor (WLE212) Instructor: Dr. S.P.Das (spdass)

Overall Coordination: Dr. Y.N.Singh (yensingh)

Lab timing: 1400-1700hrs.

Lab lecture Schedule

Dates	Monday 1100 - 1200 (L2)	Tuesday 0900 - 1000 (L2)	Friday 1500 - 1600 (L2)	Saturday
Jan 1, 2, 5, 6	No classes		DCMP-1	[Wed schedule]
Jan 8, 9, 12, 13	EC-1	DCMP-2	EMEC-1	EC-2 (L1 at 1100hrs)
Jan 15, 16, 19, 20	EC-3	DCMP-3	EMEC-2	[Wed Schedule]
Jan 22, 23, 26, 27	EC-4	DCMP-4	Republic Day	EMEC-3 (L1 at 1100hrs)
Jan 29, 30, Feb 2, 3	DCMP-5	EMEC-4	EMEC-5	[Fr Schedule]
Feb 5, 6, 9, 10	DCMP-6A	DCMP-6B	EMEC-6	[Fr Schedule]
Feb 12, 13, 16, 17	DCMP-7A	DCMP-7B	No Lecture	
Feb 19, 20, 23, 24	Midsem Examination			
Feb 26, 27, Mar 2, 3	Midsem break			
Mar 5, 6, 9, 10	EC-5	No Lecture	No Lecture	
Mar 12, 13, 16, 17	EC-6	No Lecture	No Lecture	
Mar 19, 20, 23, 24	EC-7	No Lecture	No Lecture	
Mar 26, 27, 30, 31	No Lecture	No Lecture	Good Friday	
Apr 2, 3, 6, 7	No Lecture	No Lecture	No Lecture	
Apr 9, 10, 13, 14	No Lecture	No Lecture	No Lecture	
Apr 16, 17, 20, 21	No Lecture	No Lecture	No Lecture	
Apr 23, 24, 27, 28	End Sem examination			

Lab Tutors and sections.

Monday	Tuesday	Wednesday	Thursday
EC A/B Baquer Mazhari (baquer)	EC C/D N Chhabra (neeru)	EC B/A Yogesh Chauhan (chauhan)	EC D/C Adrish Bannerjee (adrish)
DCMP A S P Das (spdas)	DCMP C Rohit Budhdiraja (rohitbr)	DCMP B R Hegde (rhegde)	DCMP D J Whiteford (white)
EMEC B Anju Meghwani (meghwani)	EMEC D A Mohapatra (abheem)	EMEC A S C Srivastava (scs)	EMEC C P Sensarma (sensarma)

Lab TAs and sections

Monday	Tuesday	Wednesday	Thursday
EC A/B 1,2,3,4	EC C/D 5,6,7,8	EC B/A 9,10,11,12	EC D/C 13,14,15
DCMP A 1,2,3,4	DCMP C 5,6,7,8	DCMP B 9,10,11,12	DCMP D 13,14,15
EMEC B 1,2,3,4	EMEC D 5,6,7,8	EMEC A 9,10,11,12	EMEC C 13,14,15

DCMP Tas

1	Sagar Dewangann	13807598	EE381 MICROPROCE	S P DAS
2	SanthoshKumar C	16204405	EE381 MICROPROCE	S P DAS
3	Ashok.P	16204266	EE381 MICROPROCE	S P DAS
4	Ronak Jain	16204008	EE381 MICROPROCE	S P DAS
5	Sachin Singh	13807595	EE381 MICROPROCE	S P DAS
6	MANOJ NOMESHWAR NAIK	16104049	EE381 MICROPROCE	S P DAS
7	Manoj Vasekar	16204401	EE381 MICROPROCE	S P DAS
8	Motesambu Surender	17104035	EE381 MICROPROCE	S P DAS
9	Asha Sharma	15204264	EE381 MICROPROCE	S P DAS
10	Saipavan	16204407	EE381 MICROPROCE	S P DAS
11	Amit Kumar Sharma	16104008	EE381 MICROPROCE	S P DAS
12	RASHMI KUSHWAHA	17104280	EE381 MICROPROCE	S P DAS
13	anamika kumari	16104011	EE381 MICROPROCE	S P DAS
14	Prateek Shrivastava	13807500	EE381 MICROPROCE	S P DAS
15	satyam kumar	13807630	EE381 MICROPROCE	S P DAS

EC TAs

1	Akshay Khandelwal	13807074	EE381 ELECTRONICS	B MAZHARI
2	Sonu Kumar Shubham	13807707	EE381 ELECTRONICS	B MAZHARI
3	Vaibhav Sikerwar	17104082	EE381 ELECTRONICS	B MAZHARI
4	Yash Kumar	17104087	EE381 ELECTRONICS	B MAZHARI
5	VIKRAM SINGH	16104100	EE381 ELECTRONICS	B MAZHARI
6	Anubhav Kumar	13807132	EE381 ELECTRONICS	B MAZHARI
7	yogesh verma	16104104	EE381 ELECTRONICS	B MAZHARI
8	preeti jha	16104068	EE381 ELECTRONICS	B MAZHARI
9	Surendra Kota	17104286	EE381 ELECTRONICS	B MAZHARI
10	D. Yashwanth Kumar Reddy	13807222	EE381 ELECTRONICS	B MAZHARI
11	Deepak Kumar Singh	13807231	EE381 ELECTRONICS	B MAZHARI
12	Anurag yadav	17104010	EE381 ELECTRONICS	B MAZHARI
13	NITISH NARAYAN BAGDE	17104041	EE381 ELECTRONICS	B MAZHARI
14	ANMOL SHARMA	16104015	EE381 ELECTRONICS	B MAZHARI
15	Ajay kumar sahu	13807056	EE381 ELECTRONICS	B MAZHARI

EMEC TAs

1	Gaurav Khare	15204269	EE381 EMEC	A MOHAPATRA
2	SARIKA KUSHWAHA	17104058	EE381 EMEC	A MOHAPATRA
3	MONIKA SAROJ	16104054	EE381 EMEC	A MOHAPATRA
4	Vineeth V	16104288	EE381 EMEC	A MOHAPATRA
5	Akhilesh Prakash Gupta	16104261	EE381 EMEC	A MOHAPATRA
6	Kapil Sethi	13807339	EE381 EMEC	A MOHAPATRA
7	Kanika Bathra	16104040	EE381 EMEC	A MOHAPATRA
8	Swinzal Patre	16104412	EE381 EMEC	A MOHAPATRA
9	Amit Kumar	16204002	EE381 EMEC	A MOHAPATRA
10	Pawar Bandopant Bhimrao	16204276	EE381 EMEC	A MOHAPATRA
11	SHUBHAM SHARMA	16204010	EE381 EMEC	A MOHAPATRA
12	Kshitiz	13807359	EE381 EMEC	A MOHAPATRA
13	Sagar Rastogi	13807600	EE381 EMEC	A MOHAPATRA
14	Prakhar Jawre	13807484	EE 381 EMEC	A MOHAPATRA
15	adil khan	16204001	EE381 EMEC	A MOHAPATRA