



Dr. Babasaheb Ambedkar Technological University, Lonere  
Faculty of Engineering and Technology  
Academic Calendar for A.Y. 2018-19 (Odd Semester)

DBATU/REG/AC/2018-19/ 13/5

Date: 19 JUN 2018

Activity	1 <sup>st</sup> Yr. B. Tech	2 <sup>nd</sup> to 4 <sup>th</sup> Yr. B. Tech	2 <sup>nd</sup> Yr. B. Tech Direct admitted	1 <sup>st</sup> Yr. M Tech	2 <sup>nd</sup> Yr. M Tech
Application for affiliation (for colleges) for the AY 2019-20	Aug 1 to Oct 31, 2018				
Admission for 1 <sup>st</sup> Yr. B. Tech & M. Tech (all branches)	As per the dates declared by DTE Maharashtra	--	--	As per the dates declared by DTE Maharashtra	--
Admission for Direct 2 <sup>nd</sup> Yr. B. Tech (all branches)	--	--	As per the dates declared by DTE Maharashtra	--	--
Admission for II Yr. B. Tech (all branches)	--	July 13, 2018 <sup>d</sup>	--	--	--
Admission for III Yr. B. Tech (all branches)	--	July 11, 2018 <sup>d</sup>	--	--	--
Admission for IV Yr. B. Tech (all branches)	--	July 12, 2018 <sup>d</sup>	--	--	--
Admission for II Yr. M. Tech (all branches)	--	--	--	--	July 13, 2018 <sup>d</sup>
Commencement of Classes	August 01, 2018*	July 02, 2018	As per the dates declared by DTE Maharashtra	August 01, 2018*	July 16, 2018
Induction Programme for First Year students	August 01-21, 2018	--	--	--	--
Last date for Enrolment	Sept 15, 2018	--	Sept 15, 2018	Sept 15, 2018	--
Last date for Enrolment with late fees	Sept 29, 2018	--	Sept 29, 2018	Sept 29, 2018	--
Remedial Examinations (B. Tech I yr. & II Yr)	--	July 23-Aug 04, 2018@	--	--	--
First Periodic Test (B. Tech IV Yr.)	--	August 13 - 16, 2018	--	--	--
Mid-Semester Exam (B. Tech: II & III Yr.)	--	Sept 03-08, 2018	Sept 03-08, 2018	--	--
Internal Academic Monitoring	Sept 10-17, 2018				
Last date for submitting Semester Exam forms	Oct 13, 2018	Sept 29, 2018	Sept 29, 2018	Oct 13, 2018	Sept 29, 2018
Last date for submitting Semester Exam forms with late fees	Oct 22, 2018	Oct 06, 2018	Oct 06, 2018	Oct 22, 2018	Oct 06, 2018
Last date for submitting Semester Exam forms with super penalty	Oct 27, 2018	Oct 13, 2018	Oct 13, 2018	Oct 27, 2018	Oct 13, 2018

**Principal**

J D College of Engineering & Management  
Khandala, Katol Road  
Nandur-441501



Second Periodic Test (B. Tech IV Yr.); Mid-Semester Exam (B. Tech I Yr. M. Tech I Yr.)	Oct 08-13, 2018	Oct 08-13, 2018	--	Oct 08-13, 2018	--
Last date for submitting Mid-Semester/ Test Exam marks	Oct 23, 2018	Oct 23, 2018	Sept 18, 2018	Oct 23, 2018	--
External Academic Monitoring	Oct 23-27, 2018				
Last date of submitting internal assessment marks	Nov 30, 2018	Oct 26, 2018	Oct 26, 2018	Nov 30, 2018	Oct 26, 2018
End of Classes	Nov 30, 2018	Oct 26, 2018	Oct 26, 2018	Nov 30, 2018	--
Practical Exam (1 <sup>st</sup> yr and 2 <sup>nd</sup> Yr B. Tech) Submission of Lab course marks for III and IV Yr. B. Tech Conduct of Project stage-I exam and seminar exams for B Tech and M Tech	Dec 03-08, 2018	Oct 29 - Nov 03, 2018	Oct 29 - Nov 03, 2018	Dec 03-08, 2018	Oct 29 - Nov 03, 2018
Convocation	Nov 17, 2018 /Jan 05, 2019				
Semester Examinations	Dec 10-22, 2017	Nov 12- Dec 14, 2018	Nov 12- Dec 14, 2018	Dec 10-22, 2017	--
Vacation to Faculty & Technical Staff	Dec 12-31, 2018**				
Commencement of Classes for the Next Semester	Jan 01, 2019	Jan 01, 2019	Jan 01, 2019	Jan 01, 2019	--
Declaration of semester examination Results	Feb 05, 2019	Jan 28, 2019	Jan 28, 2019	Feb 05, 2019	--


\* Dates may vary as per the schedule declared by DTE Maharashtra.

\*\* Faculty and staff members eligible for vacation should proceed to vacation after due permission from the concerned reporting officer.

@ No remedial exam for 3<sup>rd</sup> year and 4<sup>th</sup> year B. Tech.

# Respective classes will remain suspended during the admission schedule.

- Note:**
1. All the Head of the institutes/departments have to take measures to conduct the additional instructional days for academic activities if needed.
  2. All practical & term work shall be completed with continuous assessment as per curriculum till the end of semester.

  
(Dr. Sunil S. Bhamare)  
Registrar

**Copy submitted to:** Hon'ble Vice-Chancellor (for information)

**Copy to:**

1. All Heads of the Departments & Sections, Dr BATU, Lonere
2. Principal/Director, All affiliated Colleges
3. Controller of Examinations, Dr BATU, Lonere
4. Regional Centers/Sub-Centers of the University
5. Dr. S. R. Sutar, University Timetable Coordinator, Lonere
6. Website 'www.dbatu.ac.in'



  
**Principal**  
J D College of Engineering & Management  
Khandala, Katol Road  
Nashik-441501



# Dr. Babasaheb Ambedkar Technological University, Lonere

## Faculty of Engineering and Technology

### Academic Calendar for A.Y. 2018-19 (Even Semester)

DBATU/REG/AC/2018-19/3088

Date: 21 DEC 2018

Activity	B. Tech.	1 <sup>st</sup> Yr. M. Tech.	2 <sup>nd</sup> Yr. M Tech
Commencement of Classes	Jan 01, 2019	Jan 07, 2019	--
Declaration of Results (Odd Semester)	Feb 05, 2019	March 01, 2019	--
First Periodic Test (B. Tech. IV Yr.)	Feb 6-8, 2019	--	--
Remedial Examination (B. Tech. I, II & III Yr.)	Feb 27- March 09, 2019	--	--
Mid-Semester Exam (B. Tech. I, II & III Yr.)	March 11-16, 2019		--
Internal Academic Monitoring	March 25-30, 2019		
Last date for submitting Semester Exam forms (Regular)	Jan 31, 2019		
Last date for submitting Semester Exam forms with late fees	Feb 9, 2019		
Last date for submitting Semester Exam forms with super penalty	Feb 22, 2019		
Second Periodic Test (B. Tech. IV Yr.)	March 14-16, 2019	--	--
Last date for submitting Mid-Semester/ Test Exam marks	March 26, 2019		--
External Academic Monitoring	April 01-05, 2019		
Last date of submitting internal assessment marks	April 26, 2019		--
End of Classes	April 26, 2019		
Practical Exam (B. Tech. I, II & III Yr. and M. Tech. I Yr.) Submission of Lab course marks B. Tech. IV Yr. Conduct of Project stage-II Exam B. Tech. IV Yr.	April 29- May 04, 2019		--
Semester Examination	May 06-31, 2019		--
Last date for submission of Thesis	--	--	June 15, 2019
Project stage-II Exam	--	--	July 15-31, 2019
Vacation to Faculty & Technical Staff *	May 17- June 25, 2019		
Commencement of Classes for the Next Semester	July 01, 2019**		
Declaration of Semester Exam Results	July 15, 2019		August 31, 2019

\* Faculty and staff members eligible for vacation should proceed to vacation after due permission from the concerned reporting officer.

\*\* Commencement of classes for 1<sup>st</sup> Yr. B. Tech and M. Tech. will be from August 01, 2019 or as per the schedule declared by DTE Maharashtra.

- Note:**
1. All the Head of the institutes/departments have to take measures to conduct the additional instructional days for academic activities, if required.
  2. All practical & term work shall be completed with continuous assessment as per curriculum till the end of semester.

**Principal**

JD College of Engineering & Management  
Khandala, Katol Road  
Wardour-441501

(Dr. Sunil S. Bhamare)

REGISTRAR

Dr. Babasaheb Ambedkar Technological University  
Lonere, Maharashtra



**Copy submitted to: Hon'ble Vice-Chancellor (for information)**

**Copy to:**

1. All Heads of the Departments & Sections, Dr EATU, Lonere
2. Principal/Director, All affiliated Colleges
3. Controller of Examinations, Dr BATU, Lonere
4. Regional Centers/Sub-Centers of the University
5. Dr. S. R. Sutar, University Timetable Coordinator, Lonere
6. Website 'www.dbatu.ac.in'



A handwritten signature in blue ink, appearing to be "S. R. Sutar".

**Principal**

J D College of Engineering & Management  
Khandala, Katol Road  
Nandur-441501



Education to Eternity

2018-19

JAIDEV EDUCATION SOCIETY'S  
**J D COLLEGE OF ENGINEERING  
& MANAGEMENT**

**ACADEMIC CALENDAR FOR THE SESSION 2018-2019 (EVEN SEMESTER)**

Sr.	Academic Activity	Date
1.	Second Term (Even semester) as per RTMNU	19/11/2018 to 30/04/2019
2.	Commencement of 2 <sup>nd</sup> Sem. Classes	01/01/2019
3.	Commencement of 4 <sup>th</sup> Sem. Classes	26/12/2018
4.	Commencement of 6 <sup>th</sup> & 8 <sup>th</sup> Sem. Classes (Including Internship)	17/12/2018
5.	Commencement of 2 <sup>nd</sup> Sem. MBA Classes	01/01/2019
6.	Commencement of 4 <sup>th</sup> Sem. MBA Classes	24/12/2018
7.	Commencement of First Continuous Assessment (CA-I) for 2 <sup>nd</sup> , 4 <sup>th</sup> , 6 <sup>th</sup> & 8 <sup>th</sup> Sem. Engg of all branches	04/02/2019
8.	Commencement of First Continuous Assessment (CA-I) for 2 <sup>nd</sup> & 4 <sup>th</sup> Sem. MBA	04/02/2019
9.	Commencement of Second Continuous Assessment (CA-II) for 2 <sup>nd</sup> , 4 <sup>th</sup> , 6 <sup>th</sup> & 8 <sup>th</sup> Sem. Engg of all branches	04/03/2019
10.	Commencement of Second Continuous Assessment (CA-II) for 2 <sup>nd</sup> & 4 <sup>th</sup> Sem. MBA	04/03/2019
11.	Mid Semester Examination of DBATU for 2 <sup>nd</sup> & 4 <sup>th</sup> Sem. Engg.	As per the dates declared by DBATU
12.	Commencement of PUA (Pre-University Assessment) examination for 6 <sup>th</sup> & 8 <sup>th</sup> Sem. Engg. of all branches	15/04/2019
13.	Commencement of PUA (Pre-University Assessment) examination for 2 <sup>nd</sup> and 4 <sup>th</sup> Sem. MBA	15/04/2019
14.	Last Teaching day for. MBA & all branches of Engg	11/04/2019
15.	Internal Academic Audit for 1 <sup>st</sup> Sem. Engg. External Academic Audit as per DBATU schedule	15/04/2019 to 19/04/2019
16.	Internal Academic Audit for MBA & all branches of Engg.	15/04/2019 to 22/04/2019
17.	Commencement of Internal practical examination for 6 <sup>th</sup> & 8 <sup>th</sup> Sem. Engg.	22/04/2019
18.	Display of Provisional Detention List for all semesters/branches for Engg. & MBA	Twice in a month i.e. after every 15 days
19.	Online Students feedback for all branches of Engg. & MBA	Once in a month
20.	Annual Social Gathering (Vibrance-2019)	24 <sup>th</sup> & 25 <sup>th</sup> January, 2019

21.	BrainWaves-2019	3 <sup>rd</sup> /4 <sup>th</sup> Week of March, 2019
22.	Evaluation of Subject wise activities (Project Activity under DBATU)	1 <sup>st</sup> Week of April, 2019
23.	Commencement of RTMNU Exam for Regular Students	First/Second Week of May (Tentative)


To,  
All H.O.Ds


Please find herewith the schedule for meeting with Hon'ble Directors, Principal sir & undersigned.  
All concerned are advised to prepare minutes of meeting on the meet day.

Sr.	Department	Meeting Date	Timing
1.	Electrical Engg.	10/01/2019	11:45 am
2.	Mechanical Engg.	10/01/2019	2:00 pm
3.	CSE-IT	11/01/2019	11:45 am
4.	ETC-EN	11/01/2019	2:00 pm
5.	Civil Engg.	12/01/2019	1:45 am
6.	First Year	12/01/2019	11:45 am
7.	MBA	14/01/2019	2:00 pm
8.	Electrical Engg.	29/01/2019	11:45 am
9.	Mechanical Engg.	29/01/2019	2:00 pm
10.	CSE-IT	30/01/2019	11:45 am
11.	ETC-EN	30/01/2019	2:00 pm
12.	Civil Engg.	31/01/2019	1:45 am
13.	First Year	31/01/2019	11:45 am
14.	MBA	01/02/2019	2:00 pm
15.	Electrical Engg.	19/02/2019	11:45 am
16.	Mechanical Engg.	19/02/2019	2:00 pm
17.	CSE-IT	20/02/2019	11:45 am
18.	ETC-EN	20/02/2019	2:00 pm
19.	Civil Engg.	21/02/2019	1:45 am
20.	First Year	21/02/2019	11:45 am
21.	MBA	22/02/2019	2:00 pm
22.	Electrical Engg.	11/03/2019	11:45 am
23.	Mechanical Engg.	11/03/2019	2:00 pm
24.	CSE-IT	12/03/2019	11:45 am

25.	ETC-EN	12/03/2019	2:00 pm
26.	Civil Engg.	13/03/2019	1:45 am
27.	First Year	13/03/2019	11:45 am
28.	MBA	14/03/2019	2:00 pm
29.	Electrical Engg.	02/04/2019	11:45 am
30.	Mechanical Engg.	02/04/2019	2:00 pm
31.	CSE-IT	03/04/2019	11:45 am
32.	ETC-EN	03/04/2019	2:00 pm
33.	Civil Engg.	04/04/2019	1:45 am
34.	First Year	04/04/2019	11:45 am
35.	MBA	05/04/2019	2:00 pm
36.	TPO & Coordinators (Prof. Vasundhara Malhotra)	Any one day in a week as per the convenience of all Coordinators	
37.	III Cell & Coordinators (Prof. Atul Gautam)	Any one day in a week as per the convenience of all Coordinators	

**Note:** All H.O.Ds are advised to submit required documents to the office of V.P. & Dean (Academics) one day prior to the meeting scheduled.

  
28/12/18  
Dr. S.V. Sonekar  
V.P. & Dean (Academics)  
JDCEM, Nagpur

  
26-12-18  
Dr. S.R. Chaudhari  
Principal  
JDCEM, Nagpur

CC:-

1. Hon. Directors, JES, Nagpur for kind infor. plz
2. All Deans' for kind infor. & n.a.
3. All H.O.D's & SH's for kind infor. & n.a.
4. IT Cell for uploading on college website & online feedback system



Jaidev Education Society's  
**J D College of Engineering & Management , Nagpur**  
 Department of Electronics / Electronics & Telecommunication  
 "Rectifying Ideas, Amplifying Knowledge"

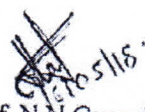
**ACADEMIC CALENDAR**

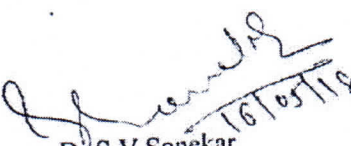
Session:2018-19 (ODD)


All the Students are hereby informed that the regular classes for III Sem (EN/ETC) will Commence from June 11, 2018 and from June 18,2018 for V & VII Sem(EN/ETC) . Students not attending the classes will have to pay the fine of 25 rupees per lecture.

MONTH	DAY							No. of Working Days	Holidays	Activities
	SUN	MON	TUE	WED	THU	FRI	SAT			
June-18						1	2	17 Days	16 – Ramjan Eid	30-Fresher's Day 4 <sup>th</sup> Week- Industrial Visit 2 <sup>nd</sup> & 4 <sup>th</sup> Sat- Club Activity
	3	4	5	6	7	8	9			
	10	11	12	13	14	15	16			
	17	18	19	20	21	22	23			
	24	25	26	27	28	29	30			
July-18	1	2	3	4	5	6	7	26 Days		1 <sup>st</sup> Week- IETE Installation 1 <sup>st</sup> Week- Seminar 24-29 Sessional I 2 <sup>nd</sup> Week- Industrial Visit 3 <sup>rd</sup> Week – 3 Days W/S (V & VII Sem)
	8	9	10	11	12	13	14			
	15	16	17	18	19	20	21			
	22	23	24	25	26	27	28			
	29	30	31							
Aug-18				1	2	3	4	24 Days	15- Independent Day 17- Parsi New Year 22-Bakri Eid	2 <sup>nd</sup> Week- Seminar 28-1 Sept- Sessional II 4 <sup>th</sup> Week- 3 days workshop (For All) 2 <sup>nd</sup> & 4 <sup>th</sup> Sat- Club Activity
	5	6	7	8	9	10	11			
	12	13	14	15	16	17	18			
	19	20	21	22	23	24	25			
	26	27	28	29	30	31				
Sept-18	30						1	23 Days .	13-Ganesh Chaturthi 20- Mohram	2 <sup>nd</sup> Week- Guest Lecture 25-29-PUT 4 <sup>th</sup> Week- Guest Lecture 2 <sup>nd</sup> & 4 <sup>th</sup> Sat- Club Activity
	2	3	4	5	6	7	8			
	9	10	11	12	13	14	15			
	16	17	18	19	20	21	22			
Oct-18	23	24	25	26	27	28	29		2-Mahatma Gandhi Jayanti 18- Dashahra	19-University Exam.
		1	2	3	4	5	6			
	7	8	9	10	11	12	13			
	14	15	16	17	18	19	20			
Nov-18	21	22	23	24	25	26	27		2 <sup>nd</sup> week- Diwali 20- Eid-E-Milad 23-Gurunanak Jayanti	University Exam (contd.)
	28	29	30	31						
					1	2	3			
	4	5	6	7	8	9	10			
	11	12	13	14	15	16	17			
18	19	20	21	22	23	24				
25	26	27	28	29	30					

The dates mentioned for activities are subject to change depending on review of academics & other constraints.

  
 Prof. N.N. Gyanchandani  
 HOD (EN/ETC Dept )

  
 Dr. S.V. Sonekar  
 VicePrincipal & Dean Academics

  
 Dr. S. R. Chaudhari  
 Principal





**JAIDEV EDUCATION SOCIETY'S  
J D COLLEGE OF ENGINEERING & MANAGEMENT, NAGPUR  
DEPARTMENT OF CIVIL ENGINEERING  
ACADEMIC CALENDER : 2018 - 19 (ODD SEM)  
THIRD SEMESTER/FIFTH SEMESTER/SEVENTH SEMESTER**

MONTH	DAY							No. of Working Days	Holidays	Activities
	SUN	MON	TUE	WED	THU	FRI	SAT			
Jun-18						1	2	24	16- Eid 25- Christmas	4th June:- SIP for 3rd & 4th Year 11th June:- Commencement of Classes 3rd Week:- Site Visit for 7th Sem
	3	4	5	6	7	8	9			
	10	11	12	13	14	15	16			
	17	18	19	20	21	22	23			
	24	25	26	27	28	29	30			
Jul-18	1	2	3	4	5	6	7	26		1st week - Workshop for layouting for final year students 16th:-Project Progress Seminar for 7th Sem 17-21:-Sessional Exam -I
	8	9	10	11	12	13	14			
	15	16	17	18	19	20	21			
	22	23	24	25	26	27	28			
	29	30	31							
Aug-18				1	2	3	4	24	15 - Independence Day 17- Pateti 22- Eid	1-3: NSS Activity-Swachata on College Campus 13th:- Project Progress Seminar for 7th Sem 14-21:-Sessional Exam -II 4th Week :- ACES Reinstallation
	5	6	7	8	9	10	11			
	12	13	14	15	16	17	18			
	19	20	21	22	23	24	25			
	26	27	28	29	30	31				
Sep-18							1	23	13- Ganesh Chaturthi 20- Moharam	19th:- Project Progress Seminar for 7th Sem 3rd Week:- Site Visit at construction site for 7th Sem
	2	3	4	5	6	7	8			
	9	10	11	12	13	14	15			
	16	17	18	19	20	21	22			
	23	24	25	26	27	28	29			
30										
Oct-18		1	2	3	4	5	6	24	02 - Gandhi Jayanti 08- Sarvapitri Amavasya 18-Dashara	PUT
	7	8	9	10	11	12	13			
	14	15	16	17	18	19	20			
	21	22	23	24	25	26	27			
28	29	30	31							

- 1) The dates mentioned for activities are subject to change depending on review of academics & other constraints.
- 2) Strict action will be taken against the students for not attending the classes. The fine of Rs. 25/- per lecture will be imposed for not attending.
- 3) Internal marks will be allotted as per the RTMNU format and student's performance.

HOD Civil Dept.

Dr. S.V.Sonekar  
Dean Academics

Dr. S. R. Chaudhari  
Principal

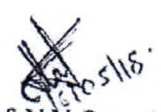


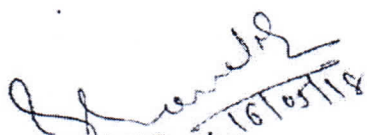
Jaidev Education Society's  
**JD College of Engineering & Management , Nagpur**  
 Department of Electronics / Electronics & Telecommunication  
*"Rectifying Ideas, Amplifying Knowledge"*  
**ACADEMIC CALENDAR**  
 Session:2018-19 (ODD)

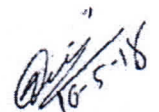
All the Students are hereby informed that the regular classes for III Sem (EN/ETC) will Commence from June 11, 2018 and from June 18,2018 for V & VII Sem(EN/ETC) . Students not attending the classes will have to pay the fine of 25 rupees per lecture.

MONTH	DAY							No. of Working Days	Holidays	Activities
	SUN	MON	TUE	WED	THU	FRI	SAT			
June-18						1	2	17 Days	16 – Ramjan Eid	30-Fresher's Day 4 <sup>th</sup> Week- Industrial Visit 2 <sup>nd</sup> & 4 <sup>th</sup> Sat- Club Activity
	3	4	5	6	7	8	9			
	10	11	12	13	14	15	16			
	17	18	19	20	21	22	23			
	24	25	26	27	28	29	30			
July-18	1	2	3	4	5	6	7	26 Days		1 <sup>st</sup> Week- IETE Installation 1 <sup>st</sup> Week- Seminar 24-29 Sessional I 2 <sup>nd</sup> Week- Industrial Visit 3 <sup>rd</sup> Week – 3 Days W/S (V & VII Sem)
	8	9	10	11	12	13	14			
	15	16	17	18	19	20	21			
	22	23	24	25	26	27	28			
	29	30	31							
Aug-18				1	2	3	4	24 Days	15- Independent Day 17- Parsi New Year 22-Bakri Eid	2 <sup>nd</sup> Week- Seminar 28-1 Sept- Sessional II 4 <sup>th</sup> Week- 3 days workshop (For All) 2 <sup>nd</sup> & 4 <sup>th</sup> Sat- Club Activity
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	12	13	14	15	16	17	18			
	19	20	21	22	23	24	25			
	26	27	28	29	30	31				
Sept-18	30						1	23 Days	13-Ganesh Chaturthi 20- Mohram	2 <sup>nd</sup> Week- Guest Lecture 25-29- PUT 4 <sup>th</sup> Week- Guest Lecture 2 <sup>nd</sup> & 4 <sup>th</sup> Sat- Club Activity
	2	3	4	5	6	7	8			
	9	10	11	12	13	14	15			
	16	17	18	19	20	21	22			
	23	24	25	26	27	28	29			
Oct-18		1	2	3	4	5	6		2-Mahatma Gandhi Jayanti 18- Dashahra	19-University Exam.
	7	8	9	10	11	12	13			
	14	15	16	17	18	19	20			
	21	22	23	24	25	26	27			
	28	29	30	31						
Nov-18					1	2	3		2 <sup>nd</sup> week- Diwali 20- Eid-E-Milad 23-Gurunanak Jayanti	University Exam (contd.)
	4	5	6	7	8	9	10			
	11	12	13	14	15	16	17			
	18	19	20	21	22	23	24			
	25	26	27	28	29	30				

The dates mentioned for activities are subject to change depending on review of academics & other constraints.

  
 Prof. N.N. Gyanchandani  
 HOD (EN/ETC Dept )

  
 Dr. S.V. Sonekar  
 VicePrincipal & Dean Academics

  
 Dr. S. R. Chaudhari  
 Principal



## ACADEMIC CALENDAR FOR ODD SESSION

No.: DOMBA/2018-19/OS/01

Semester: I / III

DL: 05 / 04 / 2018

MONTH	DAYS							NO. OF WORKING DAYS	HOLIDAYS	ACTIVITIES
	SUN	MON	TUE	WED	THU	FRI	SAT			
July-18	1	2	3	4	5	6	7	26	Nil	09 <sup>th</sup> July-Commencement of Classes III semester 16 <sup>th</sup> - Commencement of Classes I semester 30 <sup>th</sup> - Orientation of I semester
	8	9	10	11	12	13	14			
	15	16	17	18	19	20	21			
	22	23	24	25	26	27	28			
	29	30	31							
Aug-18				1	2	3	4	24	15 <sup>th</sup> - Independence Day, 17 <sup>th</sup> -Pateti 22 <sup>nd</sup> -Bakri Eid	10 <sup>th</sup> - AIMS orientation 27 <sup>th</sup> - Unit Test I
	5	6	7	8	9	10	11			
	12	13	14	15	16	17	18			
	19	20	21	22	23	24	25			
	26	27	28	29	30	31				
Sep-18							1	23	13 <sup>th</sup> - Ganesh Chaturthi 20 <sup>th</sup> - Moharam	3 <sup>rd</sup> - Dahi Handi 5 <sup>th</sup> - Teachers Day 13 <sup>th</sup> to 15 <sup>th</sup> - Ganesh Chaturthi 21 <sup>st</sup> -SIP project Presentation & Submission
	2	3	4	5	6	7	8			
	9	10	11	12	13	14	15			
	16	17	18	19	20	21	22			
	23	24	25	26	27	28	29			
	30									
Oct-18		1	2	3	4	5	6	08	2 <sup>nd</sup> - Gandhi Jayanti 18 <sup>th</sup> - Dashara	01 <sup>st</sup> - Unit Test II
	7	8	9	10	11	12	13			
	14	15	16	17	18	19	20			
	21	22	23	24	25	26	27			
	28	29	30	31						

Note:

- The session will commence from 09<sup>th</sup> July 2018. The dates mentioned for the activities are subject to change, depending on the review of academics & other constraints.
- All the students to pay their fees up to 14<sup>th</sup> July 2018, otherwise fine of 100/- per day will be imposed.
- 75% attendance is compulsory. In case of attendance below 75%, fine of Rs.25 per session will be levied for the shortfall of attendance.

Dr. Swarnalata Philip  
HOD- MBA

Dr. S. V. Sonekar  
Vice-Principal, JDCOEM

Dr. S. R. CHAUDHARY  
Principal, JDCOEM



Jaidev Education Society's  
**JD College of Engineering & Management, Nagpur**  
 Department of Electronics / Electronics & Telecommunication  
*"Rectifying Ideas, Amplifying Knowledge"*  
**ACADEMIC CALENDAR**  
 Session:2018-19 (EVEN)

All the Students of IV, VI, VIII Sem (EN/ETC) are hereby informed that the regular classes will Commence from 17<sup>th</sup> December, 2018 for VI & VIII Semester and 26<sup>th</sup> December 2018 for IV Semester.

MONTH	DAY							No. of Working Days	Holidays	Activities
	SUN	MON	TUE	WED	THU	FRI	SAT			
Dec-18	30	31					1	12 Days	25 - Christmas	17-31: Internship
	2	3	4	5	6	7	8			
	9	10	11	12	13	14	15			
	16	17	18	19	20	21	22			
	23	24	25	26	27	28	29			
Jan-19			1	2	3	4	5	24 Days	26- Republic Day	24 &25: Annual Social Gathering
	6	7	8	9	10	11	12			
	13	14	15	16	17	18	19			
	20	21	22	23	24	25	26			
	27	28	29	30	31					
Feb-19						1	2	21 Days	19- Chatrpati Shivaji Maharaj Jayanti	04 :Continuous Assessment-I
	3	4	5	6	7	8	9			
	10	11	12	13	14	15	16			
	17	18	19	20	21	22	23			
	24	25	26	27	28					
Mar-19	31					1	2	22 Days	4- Mahashivratri 21- Dhulivandan	04 :Continuous Assessment-II 3 <sup>rd</sup> /4 <sup>th</sup> Week: Brainwaves-19
	3	4	5	6	7	8	9			
	10	11	12	13	14	15	16			
	17	18	19	20	21	22	23			
	24	25	26	27	28	29	30			
Apr-19		1	2	3	4	5	6	20 Days	6- Gudhipadva 13- Shri Ram Navmi 17- Mahavir Jayanti 19- Good Friday	1 <sup>st</sup> Week: Project Activity DBATU 8-12: Internal Practical 15 : Pre-University Assessment (6 <sup>th</sup> &8 <sup>th</sup> Sem)
	7	8	9	10	11	12	13			
	14	15	16	17	18	19	20			
	21	22	23	24	25	26	27			
	28	29	30							
May-19				1	2	3	4	25 Days	18- Buddha Purnima	University Exam (contd.)
	5	6	7	8	9	10	11			
	12	13	14	15	16	17	18			
	19	20	21	22	23	24	25			
	26	27	28	29	30	31				

The dates mentioned for activities are subject to change depending on review of academics & other constraints.

Prof. N. N. Gyanchandani  
 HOD(EN/ETC Dept )

Dr. S. V. Sonekar  
 Vice-Principal/ Dean Academics

Dr. S. R. Chaudhari  
 Principal





**JAIDEV EDUCATION SOCIETY'S  
J D COLLEGE OF ENGINEERING & MANAGEMENT, NAGPUR  
DEPARTMENT OF CIVIL ENGINEERING  
ACADEMIC CALENDER : 2018 - 19 (EVEN SEM)  
FOURTH SEMESTER/SIXTH SEMESTER/EIGHTH SEMESTER**

MONTH	DAY							No.of Worki	Holidays	Activities
	SUN	MON	TUE	WED	THU	FRI	SAT			
Dec-18							1	23	25- Christmas	11th may to 10th June:- SIP for 3rd & 4th Year, 17th Dec:- Commencement of Classes(VI & VIII SEM) ,18th June:- Commencement of Classes(V & VII SEM) , 3rd Week:-Workshop on layouting for final year students.
	2	3	4	5	6	7	8			
	9	10	11	12	13	14	15			
	16	17	18	19	20	21	22			
	23	24	25	26	27	28	29			
	30	31								
Jan-19			1	2	3	4	5	24	26- Republic Day	1st week - Visit for 7th Sem 10th:-Project Progress Seminar for 7th Sem, 17-21:- Sessional Exam -I ,24th Guest Lecture on Appropriate Technology
	6	7	8	9	10	11	12			
	13	14	15	16	17	18	19			
	20	21	22	23	24	25	26			
	27	28	29	30	31					
Feb-19						1	2	21	19- Shivaji Jayanti	1to 3rd: NSS Activity-Swachata in College Campus, 10th:- Project Progress Seminar for 7th Sem, 14-21:-Sessional Exam -II , 4th Week :- ACES Installation 24th Guest Lecture on Competetive Exam
	3	4	5	6	7	8	9			
	10	11	12	13	14	15	16			
	17	18	19	20	21	22	23			
	24	25	26	27	28					
Mar-19						1	2	22	04- Mahashivratri 21- Dhulivandan	10th:- Project Progress Seminar for 7th Sem , 3rd Week:- Site Visit at construction site for 7th Sem , 24th Guest Lecture on Enterprineirship dept
	3	4	5	6	7	8	9			
	10	11	12	13	14	15	16			
	17	18	19	20	21	22	23			
	24	25	26	27	28	29	30			
	31									
Apr-19		1	2	3	4	5	6	21	06 - Gudi Padwa 13- Ramnavmi 17- Mahaveer Jayanti 19- Hanuman Jayanti	1-11th :- PUT & Internal Practical
	7		9	10	11	12	13			
	14	15	16	17	18	19	20			
	21	22	23	24	25	26	27			
	28	29	30							

- 1)The dates mentioned for activities are subject to change depending on review of academics & other constraints.
- 2)Strict action will be taken against the students for not attending the classes. The fine of Rs. 25/- per lecture will be imposed for not attending the classes.
- 3)Students are not allowed to sit in internal examination if attendance is less than 75% As per RTMNU Rule.

  
HOD Civil Dept.

  
Dr. S.V.Sonekar  
Dean Academics

  
Dr. S. R. Chaudhari  
Principal



**JAIDEV EDUCATION SOCIETY'S**  
**JD COLLEGE OF ENGINEERING AND MANAGEMENT, NAGPUR**  
**Department Of CSE-IT**  
*"A Place to learn; A Chance to grow"*  
**Academic Calendar: 2018-19 (Even Semester)**

All the Students of CSE/IT Department are hereby informed that regular classes of 2<sup>nd</sup> year will Commence from December 26, 2018 and for Third and Final Year December 17, 2018 Students not attending the classes will have to pay the fine of 25 rupees per Lecture.

MONTH	DAY							No. of Working Days	Holidays	Activities
	SUN	MON	TUE	WED	THU	FRI	SAT			
Dec-18							1	12	25-Christmas	17 -Commencement of Classes (III and IV year) 26- Commencement of Classes (II year)
	2	3	4	5	6	7	8			
	9	10	11	12	13	14	15			
	16	17	18	19	20	21	22			
	23	24	25	26	27	28	29			
Jan-19	30	31						27	26-Rebubpic Day	18- Industrial Visit I 11- Departmental Meeting 12 - Parents Meet I 24 & 25 - Annual Gathering 30- Departmental Meeting 31- Guest Lecture I
			1	2	3	4	5			
	6	7	8	9	10	11	12			
	13	14	15	16	17	18	19			
	20	21	22	23	24	25	26			
Feb-19	27	28	29	30	31			24	19- Shivaji Jayanti	4- CA-I (Continuous Assesment I) 15- Industrial Visit II 17- Workshop I 20- Departmental Meeting 28- Guest Lecture II
						1	2			
	3	4	5	6	7	8	9			
	10	11	12	13	14	15	16			
	17	18	19	20	21	22	23			
March-19	24	25	26	27	28			24	4-Mahashivratri 21- Dhulivandan	4- CA-II (Continuous Assesment II) 12- Departmental Meeting 15- Industrial Visit III 16- Wokshop/Guest Lecture III 3 <sup>rd</sup> /4 <sup>th</sup> Week Brainwaves
						1	2			
	3	4	5	6	7	8	9			
	10	11	12	13	14	15	16			
	17	18	19	20	21	22	23			
April-19	24	25	26	27	28	29	30	22	17-Mahavir Jayanti 19-Hanuman Jayanti 6- GudiPadhva 13-Ramaavmi	1 <sup>st</sup> week-Evaluation Of Subject wise DBATU Activities 11- Last Teaching Day 15-22 Internal Audit 15- Pre University Assessment 22- Internal Practical Examination
	31									
		1	2	3	4	5	6			
	7	8	9	10	11	12	13			
	14	15	16	17	18	19	20			
	21	22	23	24	25	26	27			
	28	29	30							

Note: Detention List twice in Month after every 15 days of Month.

Note: 1) Total number of working days from 17<sup>th</sup> Dec 2018 to 11<sup>th</sup> April 2019 are 109 days.

2) The dates mentioned for activities are subject to change depending on review of academics & other constraints.

Dr. S. V. Sonekar  
Vice-Principal & Dean Academics

Dr. S. V. Sonekar  
Vice-Principal & Dean Academics

Dr. S. R. Choudhari  
Principal, JDCOEM



**JAIDEV EDUCATION SOCIETY'S**  
**J D COLLEGE OF ENGINEERING AND MANAGEMENT, NAGPUR**  
**Department Of CSE-IT**  
*"A Place to learn, A Chance to grow"*  
**Academic Calendar: 2018-19 (Odd Semester)**

All the Students of CSE/IT Department are hereby informed that regular classes will Commence from June 11, 2018 for Second Year and June 18, 2018 for Third and Final Year.

Students not attending the classes will have to pay the fine of 25 rupees per Lecture.

MONTH	DAY							No. of Working Days	Holidays	Activities
	SUN	MON	TUE	WED	THU	FRI	SAT			
June-18						1	2	17	16- Ramzan Eid	11 -Commencement of Classes (II year) 18- Commencement of Classes (III year & IV Year)
	3	4	5	6	7	8	9			
	10	11	12	13	14	15	16			
	17	18	19	20	21	22	23			
	24	25	26	27	28	29	30			
Jul-18	1	2	3	4	5	6	7	26		5 - Industrial Visit I 3 <sup>rd</sup> Week - Sessional Exam I 19 - Industrial Visit II 30 - Parents Meet I
	8	9	10	11	12	13	14			
	15	16	17	18	19	20	21			
	22	23	24	25	26	27	28			
	29	30	31							
Aug-18				1	2	3	4	24	15- Independence Day 22- Bakri Eid 17 - Pateti	2 <sup>nd</sup> Week - Sessional Exam II 21 - Industrial Visit III 29 - Industrial Visit IV 25- Wokshop/Guest Lecture I
	5	6	7	8	9	10	11			
	12	13	14	15	16	17	18			
	19	20	21	22	23	24	25			
	26	27	28	29	30	31				
Sept-18							1	23	13 - Ganesh Chaturthi	2 - Industrial Visit V 9 - Industrial Visit VI 16 - Wokshop/Guest Lecture II Last week - PUT + Internals
	2	3	4	5	6	7	8			
	9	10	11	12	13	14	15			
	16	17	18	19	20	21	22			
	23	24	25	26	27	28	29			
Oct-18								16	2 - Gandhi Jayanti 19- Dasara	8 - Parents Meet II Mid of October - External Practical's
		1	2	3	4	5	6			
	7	8	9	10	11	12	13			
	14	15	16	17	18	19	20			
	21	22	23	24	25	26	27			
28	29	30	31							

Note: i) Total number of working days from 11<sup>th</sup> June to 21<sup>st</sup> October is 106 Days

ii) The dates mentioned for activities are subject to change depending on review of academics & other commitments

iii) Students have to pay their balance fees before 20 June 2018

Prof. Prasanna Lohe  
HOD (CSE-IT)

Dr. S. V. Sonekar  
Vice-Principal & Dean Academics

Dr. S. K. ...  
Principal



Jaidev Education Society's  
**J D College of Engineering & Management , Nagpur**  
 Department of Electronics / Electronics & Telecommunication  
*"Rectifying Ideas, Amplifying Knowledge"*  
**ACADEMIC CALENDAR**  
 Session:2018-19 (EVEN)

All the Students of IV, VI, VIII Sem (EN/ETC) are hereby informed that the regular classes will Commence from 17th December, 2018 for VI & VIII Semester and 26<sup>th</sup> December 2018 for IV Semester.

MONTH	DAY							No. of Working Days	Holidays	Activities
	SUN	MON	TUE	WED	THU	FRI	SAT			
Dec-18	30	31					1	12 Days	25 - Christmas	17-31: Internship
	2	3	4	5	6	7	8			
	9	10	11	12	13	14	15			
	16	17	18	19	20	21	22			
	23	24	25	26	27	28	29			
Jan-19			1	2	3	4	5	24 Days	26- Republic Day	24 &25: Annual Social Gathering
	6	7	8	9	10	11	12			
	13	14	15	16	17	18	19			
	20	21	22	23	24	25	26			
	27	28	29	30	31					
Feb-19						1	2	21 Days	19- Chatrpati Shivaji Maharaj Jayanti	04 :Continuous Assessment-I
	3	4	5	6	7	8	9			
	10	11	12	13	14	15	16			
	17	18	19	20	21	22	23			
	24	25	26	27	28					
Mar-19						1	2	22 Days	4- Mahashivratri 21- Dhulivandan	04 :Continuous Assessment-II 3 <sup>rd</sup> /4 <sup>th</sup> Week: Brainwaves-19
	3	4	5	6	7	8	9			
	10	11	12	13	14	15	16			
	17	18	19	20	21	22	23			
	24	25	26	27	28	29	30			
Apr-19		1	2	3	4	5	6	20 Days	6- Gudhipadva 13- Shri Ram Navmi 17- Mahavir Jayanti 19- Good Friday	1 <sup>st</sup> Week: Project Activity DBATU 8-12: Internal Practical 15 : Pre-University Assessment (6 <sup>th</sup> &8 <sup>th</sup> Sem)
	7	8	9	10	11	12	13			
	14	15	16	17	18	19	20			
	21	22	23	24	25	26	27			
	28	29	30							
May-19				1	2	3	4	25 Days	18- Buddha Purnima	University Exam (contd.)
	5	6	7	8	9	10	11			
	12	13	14	15	16	17	18			
	19	20	21	22	23	24	25			
	26	27	28	29	30	31				

The dates mentioned for activities are subject to change depending on review of academics & other constraints.

Prof. N. N. Gyanchandani  
 HOD(EN/ETC Dept )

Dr. S.V. Sonekar  
 Vice-Principal/ Dean Academics

Dr. S. R. Chaudhari  
 Principal





Jaidev Education Society's  
**JD College of Engineering & Management, Nagpur**  
 Department of Electronics / Electronics & Telecommunication  
*An Autonomous Institute, Affiliated to DBATU*  
*"Rectifying Ideas, Amplifying Knowledge"*  
 Session: 2019-20 (EVEN)

**ACADEMIC CALENDAR**

Date 02/12/2019

All the Students of **VIII Sem (EN/ETC)** are hereby informed that the regular classes will Commence from **December 02, 2019**. Students not attending the classes will have to pay the fine of 100 rupees per day.

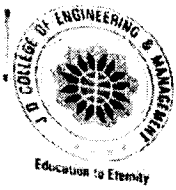
MONTH	DAY							No. of Working Days	Holidays	Activities
	SUN	MON	TUE	WED	THU	FRI	SAT			
Dec-19	1	2	3	4	5	6	7	23 Days	25 – Christmas	2-VIII Semester Commencement 14- Project Seminar 31- Project Submission
	8	9	10	11	12	13	14			
	15	16	17	18	19	20	21			
	22	23	24	25	26	27	28			
	29	30	31							
Jan-20				1	2	3	4	25 Days	26- Republic Day	03- Sessional I 16-18 Vibrance (Annual Gathering) 18- Alumni Meet 25- Project Seminar 27- Project Submission
	5	6	7	8	9	10	11			
	12	13	14	15	16	17	18			
	19	20	21	22	23	24	25			
	26	27	28	29	30	31				
Feb-20							1	21 Days	19- Chatrapati Shivaji Maharaj Jayanti 21- Mahashivratri	03-14 - Sessional II 10-14 Pre-Submission Seminar (Final) 24-25 Brainwaves
	2	3	4	5	6	7	8			
	9	10	11	12	13	14	15			
	16	17	18	19	20	21	22			
	23	24	25	26	27	28	29			
Mar-20	1	2	3	4	5	6	7	23 Days	10- Dhulivandan 25- Gudhipadva	1-5 Thesis Submission 16-30- PUT 25-28- Dept. Clearance 28 Last Teaching Day 30- Farewell
	8	9	10	11	12	13	14			
	15	16	17	18	19	20	21			
	22	23	24	25	26	27	28			
	29	30	31							
Apr-20				1	2	3	4	20 Days	2-Shriram Navmi 6- Mahavir Jayanti 10-Goodfriday 14- Dr. Babasaheb Ambedkar Jayanti	1: PUT 4 <sup>th</sup> Week -University Exam.
	5	6	7	8	9	10	11			
	12	13	14	15	16	17	18			
	19	20	21	22	23	24	25			
	26	27	28	29	30					
May-20	31					1	2	21 ays	1- Maharashtra Din 7- Buddhapornima 25-Ramjan Eid	University Exam (contd.)
	3	4	5	6	7	8	9			
	10	11	12	13	14	15	16			
	17	18	19	20	21	22	23			
	24	25	26	27	28	29	30			

The dates mentioned for activities are subject to change depending on review of academics & other constraints.

CS Scanned with  
 Prof. N. N. Gyanchandani  
 HOD (EN/ETC Dept)

Dr. S. V. Sonekar  
 Vice-Principal & Dean Academics

Dr. S. R. Chaudhari  
 Principal



JAIDEV EDUCATION SOCIETY'S  
**J D COLLEGE OF ENGINEERING & MANAGEMENT**  
 POST: VALNI, AT: KHANDALA, KATOL ROAD, NAGPUR - 441 501  
 DEPARTMENT OF MANAGEMENT STUDIES  
 SESSION: 2018-19

**Academic Calendar: MBA**  
**Even Semester: 2018-19**

Month	Day							Holiday	Working Days	Activity
	S	M	T	W	T	F	S			
Dec-18							1	25 - Christmas	23	10 <sup>th</sup> - Internship - II sem 24 <sup>th</sup> - Commencement of Classes IV sem
	2	3	4	5	6	7	8			
	9	10	11	12	13	14	15			
	16	17	18	19	20	21	22			
	23	24	25	26	27	28	29			
Jan-19			1	2	3	4	5	26 - Republic Day	24	01 <sup>st</sup> - Commencement of Classes - II sem 02 <sup>nd</sup> - 14 <sup>th</sup> - MS-Excel workshop 04 <sup>th</sup> - Final Project title submission 10 <sup>th</sup> - Environment Club - I Clean Nagpur 14 <sup>th</sup> - Synopsis submission and seminar of Final Project 17 <sup>th</sup> - Industrial visit 28 <sup>th</sup> - Assignment - I submission 31 <sup>st</sup> - Sports Club Activity
	6	7	8	9	10	11	12			
	13	14	15	16	17	18	19			
	20	21	22	23	24	25	26			
	27	28	29	30	31					
Feb-19						1	2	19 - Shivaji Jayanti	21	01 <sup>st</sup> - ED Activity 04 <sup>th</sup> - 09 <sup>th</sup> - Unit Test - I 12 <sup>th</sup> Progress Seminar of Final Project 15 <sup>th</sup> - Consumer Club Activity 18 <sup>th</sup> - Guest Lecture 23 <sup>rd</sup> - Industry Visit 26 <sup>th</sup> - Industry Visit 27 <sup>th</sup> - Progress Seminar of Final Project 28 <sup>th</sup> - HR Club Activity
	3	4	5	6	7	8	9			
	10	11	12	13	14	15	16			
	17	18	19	20	21	22	23			
	24	25	26	27	28					
Mar-19						1	2	04 - Maha Shivratri 21 - Holi	22	01 <sup>st</sup> - Guest Lecture 08 <sup>th</sup> - Women's Cell Activity 09 <sup>th</sup> - Assignment - II submission 12 <sup>th</sup> - Progress Seminar of Final Project 15 <sup>th</sup> - Cultural Club Activity 22 <sup>nd</sup> - ED Activity 23 <sup>rd</sup> - Sports Club Activity 23 <sup>th</sup> - Final Project Submission 25 <sup>th</sup> - 30 <sup>th</sup> - Unit Test - II
	3	4	5	6	7	8	9			
	10	11	12	13	14	15	16			
	17	18	19	20	21	22	23			
	24	25	26	27	28	29	30			
	31									



JAIDEV EDUCATION SOCIETY'S  
**J D COLLEGE OF ENGINEERING & MANAGEMENT**  
POST: VALNI, AT: KHANDALA, KATOL ROAD, NAGPUR - 441 501  
DEPARTMENT OF MANAGEMENT STUDIES

SESSION: 2018-19

Apr-19		1	2	3	4	5	6	6-Gudi Padwa	21	5 <sup>th</sup> April – CSR Club Activity 08 <sup>th</sup> – Marketing Club Activity
	7	8	9	10	11	12	13	13 – Ram Navami		
	14	15	16	17	18	19	20	17- Mahavir Jayanti		
	21	22	23	24	25	26	27	19 - Hanuman Jayanti & Good Friday		
	28	29	30							

Note: The above schedule is subjected to relevant changes at the last moment, if required.

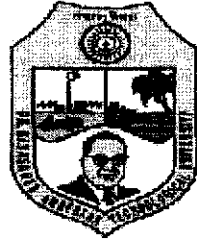
Prof. Anjali Chandak

Dr. Swarnalata Philin

Dr. S. D. Chavan

**Principal**  
J D College of Engineering & Management  
Khandala, Katol Road  
Nagpur-441501

**Dr. Babasaheb Ambedkar Technological University**  
**(Established as a University of Technology in the State of Maharashtra)**  
**(under Maharashtra Act No. XXIX of 2014)**  
**P.O. Lonere, Dist. Raigad, Pin 402 103, Maharashtra**  
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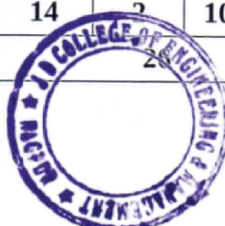
**Detailed Syllabus**  
**for**  
**First Year B. Tech program(All Branches)**

## Dr. Babasaheb Ambedkar Technological Engineering

Teaching and Evaluation Scheme for First Year B. Tech. (All Branches)

### Group B

Semester I										
Course Code	Course Title	Teaching Scheme			Evaluation Scheme				Credit	
		L	T	P	CA	MSE	ESE	Total		
Mandatory	<b>Induction Program</b>	<b>3-weeks duration in the beginning of semester.</b>								
BTBS101	Engineering Mathematics- I	3	1	-	20	20	60	100	4	
BTBS102	Engineering Chemistry	3	1	-	20	20	60	100	4	
BTES103	Engineering Mechanics	2	1	-	20	20	60	100	3	
BTES104	Computer Programming in C	2	-	-	20	20	60	100	2	
BTES105L	Workshop Practices	-	-	4	60	-	40	100	2	
BTES106	Basic Electrical and Electronics Engineering	2	-	-	50	-	-	50	Audit	
BTES107L	Computer Programming Lab	-	-	2	60	-	40	100	1	
BTBS108L	Engineering Chemistry Lab	-	-	2	60	-	40	100	1	
BTES109L	Engineering Mechanics Lab	-	-	2	60	-	40	100	1	
		<b>12</b>	<b>3</b>	<b>10</b>	<b>370</b>	<b>80</b>	<b>400</b>	<b>850</b>	<b>18</b>	
		25								
Semester II										
BTBS201	Engineering Mathematics-II	3	1	-	20	20	60	100	4	
BTBS202	Engineering Physics	3	1	-	20	20	60	100	4	
BTES203	Engineering Graphics	2	-	-	20	20	60	100	2	
BTHM204	Communication Skills	2	-	-	20	20	60	100	2	
BTES205	Energy and Environment Engineering	2	-	-	20	20	60	100	2	
BTES206	Basic Civil and Mechanical Engineering	2	-	-	50	-	-	50	Audit	
BTBS207L	Engineering Physics Lab	-	-	2	60	-	40	100	1	
BTES208L	Engineering Graphics Lab	-	-	4	60	-	40	100	2	
BTHM209L	Communication Skills Lab.	-	-	2	60	-	40	100	1	
BTES210P	Mini Project	-	-	2	60	-	40	100	1	
BTES211P	Field Training / Internship/Industrial Training (minimum of 4 weeks which can be completed partially in first semester and second Semester or in at one time)	-	-	-	-	-	-	-	Credits To be evaluate d in III Sem.	
		<b>14</b>	<b>2</b>	<b>10</b>	<b>390</b>	<b>100</b>	<b>460</b>	<b>950</b>	<b>19</b>	



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18-19

## Semester- III

Sr. No.	Subject Code	Subject	Contact Hours			Credi
			L	T	P	
<b>Theory</b>						
01	BTBSC301	Mathematics – III	3	1	-	4
02	BTCVC302	Mechanics of Solids	3	1	✓	4
03	BTCVC303	Hydraulics I	2	1	✓	3
04	BTCVC304	Surveying I	2	1	✓	3
05	BTCVC305	Building Construction	2	-	✓	2
06	BTCVC306	Engineering Geology	2	-	✓	2
07	BTHM303	Soft Skills Development	2	-	-	AU
<b>Practical / Drawing and/or Design</b>						
08	BTCVL307	Hydraulics Laboratory I	-	-	2	1
09	BTCVL308	Surveying Laboratory I	-	-	2	1
10	BTCVL309	Building Construction - Drawings Laboratory	-	-	2	1
11	BTCVL310	Engineering Geology Lab	-	-	2	1
12	BTCVS311	Seminar on Topic of Field Visit to Foundation Work	-	-	1	AU
13	BTCVF312	Field Training / Internship/Industrial Training Evaluation (from semester II)	-	-	-	1
<b>Sub-Total</b>			<b>16</b>	<b>4</b>	<b>09</b>	
<b>Total</b>			<b>29</b>			<b>23</b>



  
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### Semester- IV

Sr. No.	Subject Code	Subject	Contact Hours			Credit
			L	T	P	
<b>Theory</b>						
01	BTCVC401	Hydraulics II	2	1	✓	3
02	BTCVC402	Surveying – II	2	1	✓	3
03	BTCVC403	Structural Mechanics-I	3	1	-	4
04	BTID405	Product Design Engineering	1	2	-	3
05	CV E1	<b>Elective I</b>	3	-	-	3
06	BTCVC406	Engineering Management	1	-	-	AU
07	BTHM3401	Basic Human Rights	2	-	-	AU
<b>Practical / Drawing and/or Design</b>						
08	BTCVL407	Hydraulics Laboratory II	-	-	2	1
09	BTCVL408	Surveying Laboratory II	-	-	4	2
10	BTCVL409	Mechanics of Solids Laboratory	-	-	2	1
11	BTCVM410	Mini Project	-	-	2	1
12	BTCVF411	Seminar on Topic of Field Visit to works involving Superstructure Construction	-	-	1	1
<b>Sub-Total</b>			<b>14</b>	<b>5</b>	<b>11</b>	
<b>Total</b>			<b>31</b>			<b>22</b>
<b>Elective I</b>						
	BTCVE404A BTCVE404B BTCVE404C	Numerical Methods in Engineering Planning for Sustainable Development Instrumentation & Sensor Technologies for Civil Engineering Applications	3	-	-	3



  
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Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur

Faculty of Engineering & Technology

CIVIL ENGINEERING

Scheme of Examination & Evaluation

Semester : Third

Subject Code	Course	Teaching Scheme ( Clock Hours/Week )					Evaluation scheme								Duration of University Theory Exam (Hrs)
		Theory hrs/week	Tutorial hrs/week	Practical hrs/week	Total hrs/week	Credits	Assessment of Marks for Theory				Assessment of Marks for Practicals				
							College Assessment (CA)	University Exam	Total	Min Marks	Internal	External	Total Marks	Min. Marks	
BECVE301T	Mathematics - III	3	1	-	4	4	20	80	100	40	-	-	-	-	3
BECVE302T	Strength of Materials	3	1	-	4	4	20	80	100	40	-	-	-	-	3
BECVE302P	Strength of Materials	-	-	2	2	1	-	-	-	-	-	25	25	50	25
BECVE303T	Environmental engineering - I	4	0	-	4	4	20	80	100	40	-	-	-	-	3
BECVE303P	Environmental engineering - I	-	-	2	2	1	-	-	-	-	-	25	25	50	25
BECVE304T	Engineering Geology	4	0	-	4	4	20	80	100	40	-	-	-	-	3
BECVE304P	Engineering Geology	-	-	2	2	1	-	-	-	-	-	25	25	50	25
BECVE305T	Concrete Technology	4	0	-	4	4	20	80	100	40	-	-	-	-	3
BECVE305P	Concrete Technology	-	-	2	2	1	-	-	-	-	-	25	25	50	25
	TOTAL	18	2	8	28	24	100	400	500			75	75	150	

*df*

*M. S. S. Patil*  
01/04/2013

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01/04/13



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01/04/13

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01/04/13

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Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur

Faculty of Engineering & Technology  
CIVIL ENGINEERING

Scheme of Examination & Evaluation  
Semester : Fourth

Subject Code	Course	Teaching Scheme ( Clock Hours/ Week )					Evaluation Scheme								Duration of University Theory Exam (Hrs)	
		Theory hrs/week	Tutorial hrs/week	Practical hrs/week	Total hrs/week	Credits	Assessment of Marks for Theory				Assessment of Marks for Practicals					
							College Assessment (CA)	University Exam	Total	Min Marks	Internal	External	Total Marks	Min Marks		
BECVE401T	Structural Analysis - I	3	1		4	4	20	80	100	40						3
BECVE401P	Structural Analysis - I			2	2	1						25	25	50	25	
BECVE402T	Geotechnical Engineering - I	3	1		4	4	20	80	100	40						3
BECVE402P	Geotechnical Engineering - I			2	2	1						25	25	50	25	
BECVE403T	Transportation Engineering - I	4	0		4	4	20	80	100	40						3
BECVE403P	Transportation Engineering - I			2	2	1						25	25	50	25	
BECVE404T	Surveying - I	3	1		4	4	20	80	100	40						3
BECVE404P	Surveying - I			3	3	2						25	25	50	25	
BECVE405T	Building Construction & Material	3	1		4	4	20	80	100	40						3
	Total	16	4	9	29	25	100	400	500			100	100	200		

Summer Training 1 (ST -1) of minimum two weeks duration /assigned mini project/software training etc. during summer vacation after Fourth Semester to be evaluated as Mini Project during Fifth Semester is mandatory.

*de*

*M. S. J. Patil*  
04/04/2023  
*Dr. S. J. Patil*  
07/04/23

*01-4-23*  
*Principal*  
*P. S. Patil*



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**FOUR YEAR BACHELOR OF ENGINEERING (B.E.) DEGREE COURSE**

**SEMESTER:THIRD**

**BRANCH: COMPUTER SCIENCE & ENGINEERING**

**ABBREVIATIONS**

<b>L: Theory Lectures</b>	<b>S:Semester</b>	<b>A: Paper duration(hrs)</b>	<b>F: MXM EXT</b>
<b>T:Tutorials</b>	<b>CS:Computer Science</b>	<b>B: MXM Theory</b>	<b>G:MXM -IA</b>
<b>P:Practical</b>	<b>MXM:Maximum Marks</b>	<b>C: MXM-IA</b>	<b>H: Total</b>
<b>IA: Internal Assessment</b>	<b>MNM: Minimum Marks</b>	<b>D:Total</b>	<b>I: MNM passing mks</b>
		<b>E: MNM passing mks</b>	

Sr. No.	Sub Code	Name of Subject	Teaching Scheme				EXAMINATION SCHEME									
			L	T	P	Total Hrs/wk	THEORY					PRACTICAL				
							A	B	C	D	E	F	G	H	I	
1	33CS1	Applied Mathematics - III	4	1	0	5	3	80	20	100	40					
2	33CS2	Programming Fundamentals in 'C'	4	1	3	8	3	80	20	100	40	25	25	50	25	
3	33CS3	Digital Circuits & Fundamentals of Microprocessors	4	1	2	7	3	80	20	100	40	25	25	50	25	
4	33CS4	Combinatorial Theories	4	1	0	5	3	80	20	100	40					
5	33CS5	Principles of Management	4	1	0	5	3	80	20	100	40					
6	33CS6	Computer Workshop	0	0	2	2							50	50	25	
		<b>Total</b>	20	5	7	32				500				150		
		<b>CREDITS: 20+6=26</b>					<b>GRAND TOTAL: 650</b>									



  
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**FOUR YEAR BACHELOR OF ENGINEERING (B.E.) DEGREE COURSE**

**SEMESTER:FOURTH**

**BRANCH: COMPUTER SCIENCE & ENGINEERING**

**ABBREVIATIONS**

<b>L: Theory Lectures</b>	<b>S:Semester</b>	<b>A: Paper duration(hrs)</b>	<b>F: MXM EXT</b>
<b>T:Tutorials</b>	<b>CS:Computer Science</b>	<b>B: MXM Theory</b>	<b>G:MXM -IA</b>
<b>P:Practical</b>	<b>MXM:Maximum Marks</b>	<b>C: MXM-IA</b>	<b>H: Total</b>
<b>IA: Internal Assessment</b>	<b>MNM: Minimum Marks</b>	<b>D:Total</b>	<b>I: MNM passing mks</b>
		<b>E: MNM passing mks</b>	

Sub Code	Name of Subject	Teaching Scheme				EXAMINATION SCHEME								
		L	T	P	Total Hrs/wk	THEORY					PRACTICAL			
						A	B	C	D	E	F	G	H	I
44CS1	Discrete Mathematics & Graph Theory	4	1	0	5	3	80	20	100	40				
44CS2	Data Structures & Program Design	4	1	3	8	3	80	20	100	40	25	25	50	25
44CS3	Business Data Processing	4	1	2	7	3	80	20	100	40	25	25	50	25
44CS4	Theoretical Foundations of Computer Science	4	1	0	5	3	80	20	100	40				
44CS5	Computer Architecture & Organisation	4	1	0	5	3	80	20	100	40				
44CS6	Internet Technologies	0	0	2	2							50	50	25
	<b>Total</b>	20	5	7	32				500				150	
	<b>CREDITS: 20+6=26</b>					<b>GRAND TOTAL: 650</b>								



  
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**Teaching and Evaluation Scheme Second Year B. Tech. (Computer Engineering)**

Sr. No.	Code	Course title	Weekly Teaching hours			Evaluation Scheme			Credit
			L	T	P	MSE	CA	ESE	
<b>Semester III</b>									
1	BTBSC301	Engineering Mathematics -III	3	1	-	20	20	60	4
2	BTCOC302	Discrete Mathematics	2	1	-	20	20	60	3
3	BTCOC303	Data Structures	2	1	-	20	20	60	3
4	BTCOC304	Computer Architecture & Organization	2	1	-	20	20	60	3
5	BTCOC305	Digital Electronics & Microprocessors	2	1	-	20	20	60	3
6	BTHMC306	Basic Human Rights	2	-	-	-	50	-	Audit
7	BTCOL307	Python Programming	1	-	2	-	60	40	2
8	BTCOL308	HTML and Javascript	1	-	2	-	60	40	2
8	BTCOL309	Data Structures Lab	-	-	2	-	60	40	1
9	BTCOL310	Digital Electronics & Microprocessor Lab	-	-	2	-	60	40	1
10	BTCOF311	Field Training / Internship/Industrial Training Evaluations	-	-	-	-	-	100	1
		<b>Total</b>	<b>15</b>	<b>5</b>	<b>8</b>	<b>100</b>	<b>390</b>	<b>560</b>	<b>23</b>
<b>Semester IV</b>									
1	BTCOC401	Design & Analysis of Algorithms	2	1	-	20	20	60	3
2	BTCOC402	Probability & Statistics	2	1	-	20	20	60	3
3	BTCOC403	Operating System	2	1	-	20	20	60	3
4	BTCOE404	<b>Elective-I</b> A) Object Oriented Programming in C++ B) Object Oriented Programming in Java	2	1	-	20	20	60	3
5	BTCOE405	<b>Elective-II</b> A) Numerical Methods B) Physics of Engineering Materials C) Soft Skills and Personality Development	2	1	-	20	20	60	3
6	BTXXC406	Product Design Engineering	2	-	-	20	20	60	2
7	BTCOL407	Design & Analysis of Algorithms Lab	-	-	2	-	60	40	1
8	BTCOL408	Introduction to Data Science with R	1	-	2	-	60	40	2
9	BTCOL409	Object Oriented Programming Lab	-	-	2	-	60	40	1
10	BTCOL410	Operating System Lab	-	-	2	-	60	40	1
11	BTCOF411	Field Training / Internship/Industrial Training (minimum 4 weeks which can be completed partially in first semester and second Semester or in at one time.)						100	Credits to be evaluated at in V Sem.
		<b>Total</b>	<b>3</b>	<b>5</b>	<b>8</b>	<b>120</b>	<b>360</b>	<b>620</b>	<b>22</b>



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18-19  
Revision.

Teaching & Evaluation scheme of second year B. Tech. Electrical Engineering / Electrical Engineering (Electronics and Power)/ Electrical & Electronics Engg / Electrical & Power Engg .

III SEMESTER.									
S.No	Course Code	Course Title	Teaching Scheme			Evaluation Scheme			Credits
			L	T	P	MSE	CA	ESE	
1	BTBSC301	Engineering Mathematics-III	3	1	0	20	20	60	4
2	BTEEC302	Network Analysis and Synthesis	2	1	0	20	20	60	3
3	BTEEC303	Fluid Mechanics and Thermal Engineering	2	1	0	20	20	60	3
4	BTEEC304	Measurement and Instrumentation	2	1	0	20	20	60	3
5	BTEEE305A BTEEE305B BTEEE305C	Elective -I (A) Electrical Engineering Materials (B) Applied Physics (C) Signals and Systems	3	0	0	20	20	60	3
6	BTHM3401	Basic Human Rights	2	0	0	-	20	-	Audit
7	BTHM306	Engineering Economics	2	0	0	20	20	60	2
8	BTEEL307	Network Analysis and Synthesis Lab	0	0	2	-	60	40	1
9	BTEEL308	Measurement and Instrumentation Lab	-	0	4	-	60	40	2
10	BTEEM309	Electrical workshop/ Mini project	-	-	2	-	60	40	1
11	BTEEF310	Field Training/ Internship/ Industrial Training Evaluation						50	1
		TOTAL	16	04	08	120	320	530	23
IV SEMESTER.									
1	BTEEC401	Electrical Machine-I	3	1	0	20	20	60	4
2	BTEEC402	Power System-I	2	1	0	20	20	60	3
3	BTEEC403	Electrical Installation and Estimation	2	1	0	20	20	60	3
4	BTEEC404	Numerical Methods and Programming	2	1	0	20	20	60	3
5	BTID405	Product Design Engineering	1	0	2	30	30	40	2
6	BTEEE-406A BTEEE-406B BTEEE-406C	Elective -II (A) Solid State Devices (B) Analog and Digital electronics (C) Electromagnetic Theory	2	0	0	20	20	60	2
7	BTEEOE407-A BTEEOE407-B BTEEOE407-C	Elective -III (A) Industrial safety (B) Introduction to Non-Conventional energy sources (C) Software Techniques.	2	0	0	20	20	60	2
8	BTEEL408	Electrical Machine-I Lab	0	0	2	-	60	40	1
9	BTEEL409	Power System lab-I	0	0	2	-	60	40	1
10	BTEEL410	Numerical Methods and Programming Lab	-	0	2	-	60	40	1
11	BTEEEL411	Elective-II Lab	0	0	2	-	60	40	1
12		Field Training / Internship/ Industrial Training (minimum 4 weeks which can be completed partially in Third semester and Fourth Semester or in at one time.)							Credits to be evaluated in V Sem
		TOTAL		04	10	140	380	580	23

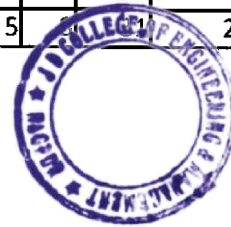


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**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR**  
**B.E. (Electrical Engineering)**  
**SCHEME OF EXAMINATION**

**FIFTH SEMESTER**

S.N.	Sub Code	Subject	Board	Teaching Scheme				Credits	Examination Scheme			Min. Passing Marks	Paper Duration
				L	T	P	Total		College Assessment	Univ. Assessment	Total Marks		
1	BEELE501T	ELECTRICAL POWER SYST - I	EE	4	1	0	5	5	20	80	100	40	3 Hours
2	BEELE502T	UTILIZATION OF ELECTRIC ENERGY	EE	3	1	0	4	4	20	80	100	40	3 Hours
3	BEELE503T	ELECTRICAL MACHINE DESIGN	EE	4	1	0	5	5	20	80	100	40	3 Hours
4	BEELE504T	MICROPROCESSOR & INTERFACING	EN	3	1	0	4	4	20	80	100	40	3 Hours
5	BEELE504P	MICROPROCESSOR & INTERFACING	EN	0	0	2	2	1	25	25	50	25	
6	BEELE505T	ELECTRICAL MACHINES-II	EE	4	1	0	5	5	20	80	100	40	3 Hours
7	BEELE505P	ELECTRICAL MACHINES-II	EE	0	0	2	2	1	25	25	50	25	
8	BEELE506P	ELECTRICAL DRAWING & SIMULATION	EE	0	0	2	2	2	25	25	50	25	
9	BEELE507P	ELECTRICAL ENGINEERING WORKSHOP	EE	0	0	2	2	2	25	25	50	25	
		Total		18	5			29			700		



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**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR**  
**B.E. (Electrical Engineering)**  
**SCHEME OF EXAMINATION**

**SIXTH SEMESTER**

S.N.	Sub Code	Subject	Board	Teaching Scheme				Credits	Examination Scheme			Min. Passing Marks	Paper Duration
				L	T	P	Total		College Assessment	Univ. Assessment	Total Marks		
1	BEELE601T	POWER STATION PRACTICE	EE	3	1	0	4	4	20	80	100	40	3 Hours
2	BEELE602T	ENGINEERING ECONOMICS & INDUSTRIAL MANAGEMENT	ASH	3	1	0	4	4	20	80	100	40	3 Hours
3	BEELE603T	ELECTRICAL DRIVES & THEIR CONTROL	EE	4	1	0	5	5	20	80	100	40	3 Hours
4	BEELE604T	POWER ELECTRONICS	EE	4	1	0	5	5	20	80	100	40	3 Hours
5	BEELE604P	POWER ELECTRONICS	EE	0	0	2	2	1	25	25	50	25	
6	BEELE605T	CONTROL SYSTEM-I	EE	4	1	0	5	5	20	80	100	40	3 Hours
7	BEELE605P	CONTROL SYSTEM-I	EE	0	0	2	2	1	25	25	50	25	
8	BEELE606P	INDUSTRIAL VISITS & REPORT WRITING	EE	0	0	2	2	2	50	0	50	25	
9	BEELE607T	FUNCTIONAL ENGLISH	ASH	2	0	0	2	2	10	40	50	20	2 Hours
		Total		20	5	6	31	29			700		



  
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**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR**  
**B.E. (Electrical Engineering)**  
**SCHEME OF EXAMINATION**

**SEVENTH SEMESTER**

S.N.	Sub Code	Subject	Board	Teaching Scheme				Credits	Examination Scheme			Min. Passing Marks	Paper Duration
				L	T	P	Total		College Assessment	Univ. Assessment	Total Marks		
1	BEELE701T	CONTROL SYSTEM-II	EE	4	1	0	5	5	20	80	100	40	3 Hours
2	BEELE702T	ELECTRICAL POWER SYSTEM -II	EE	4	1	0	5	5	20	80	100	40	3 Hours
3	BEELE703T	ELECTIVE -I	EE	3	1	0	4	4	20	80	100	40	3 Hours
4	BEELE704T	HIGH VOLTAGE ENGINEERING	EE	4	1	0	5	5	20	80	100	40	3 Hours
5	BEELE704P	HIGH VOLTAGE ENGINEERING	EE	0	0	2	2	1	25	25	50	25	
6	BEELE705T	ELECTRICAL INSTALLATION DESIGN	EE	4	1	0	5	5	20	80	100	40	3 Hours
7	BEELE705P	ELECTRICAL INSTALLATION DESIGN	EE	0	0	2	2	2	25	25	50	25	
8	BEELE706P	PROJECT SEMINAR	EE	0	0	3	3	3	50	0	50	25	
		Total		19	5	7	31	30			650		



  
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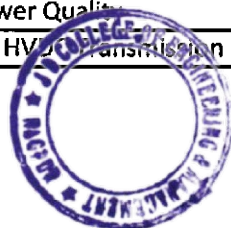


**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR**  
**B.E. (Electrical Engineering)**  
**SCHEME OF EXAMINATION**

**EIGHTH SEMESTER**

S.N.	Sub Code	Subject	Board	Teaching Scheme				Credits	Examination Scheme			Min. Passing Marks	Paper Duration
				L	T	P	Total		College	Univ.	Total		
1	BEELE801T	ELECTIVE- II	EE	3	1	0	4	4	20	80	100	40	3 Hours
2	BEELE802T	ELECTIVE- III	EE	3	1	0	4	4	20	80	100	40	3 Hours
3	BEELE803T	SWITCHGEAR & PROTECTION	EE	4	1	0	5	5	20	80	100	40	3 Hours
	BEELE803P	SWITCHGEAR & PROTECTION	EE	0	0	2	2	1	25	25	50	25	
4	BEELE804T	COMPUTER APPLICATIONS IN POWER SYSTEM	EE	4	1	0	5	5	20	80	100	40	3 Hours
	BEELE804P	COMPUTER APPLICATIONS IN POWER SYSTEM	EE	0	0	2	2	1	25	25	50	25	
5	BEELE805P	PROJECT	EE	0	0	6	6	6	75	75	150	75	
Total				14	4	10	28	26			650		

S. NO.	ELECTIVE-I	ELECTIVE-II	ELECTIVE - III
1	IT and Its Applications in Power System Control	Entrepreneurship Development	Bio-medical Engineering
2	Fuzzy Logic and Neural Networks	Digital Signal Processing	Advanced Microprocessor Peripherals
3	Flexible AC Transmission Systems	Power Quality	Power Semiconductor Based Electric
4	Energy Management and Audit	EHV AC and HVDC Transmission	Electrical Distribution System



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**Teaching and Evaluation Scheme Second Year B. Tech. (Information Technology)**

Sr. No.	Code	Course title	Weekly Teaching hours			Evaluation Scheme			Credit	Total Hours
			L	T	P	MSE	CA	ESE		
<b>Semester III</b>										
1	BTBSC301	Engineering Mathematics III	3	1	-	20	20	60	4	4
2	BTESC302	Switching Theory and Logic Design	2	1	-	20	20	60	3	3
3	BTITC303	Object Oriented Paradigm with C++	2	1	-	20	20	60	3	3
4	BTCOC304	Computer Architecture and Organization	2	1	-	20	20	60	3	3
5	BTBSCOE305A BTHSMCOE305B  BTITOE305C BTITOE305D	<b>Elective I</b> A) Advanced Engineering Chemistry B) Interpersonal Communication Skills and Self Development for Engineers C) Programming in Java D) Introduction to Web Technology	1	1	-	20	20	60	2	2
6	BTHM306	Basic Human Rights	2	-	-	-	50	-	Audit	2
7	BTESCL307	Switching Theory and Logic Design Lab	-	-	2	-	60	40	1	2
8	BTITL308	Object Oriented Paradigm with C++ Lab	-	-	4	-	60	40	2	4
9	BTITL309	Programming Lab (Python)	-	-	4	-	60	40	2	4
10	BTITOEL310	<b>Elective I Lab</b> A) Advanced Engineering Chemistry Lab B) Interpersonal Communication Skills and Self Development for Engineers Lab C) Programming in Java Lab D) Introduction to Web Technology Lab	-	-	2	-	60	40	1	2
11	BTITTF311	Field Training / Internship/Industrial Training Evaluation	-	-	-	-	-	100	1	-
<b>Total</b>			<b>12</b>	<b>5</b>	<b>12</b>	<b>100</b>	<b>390</b>	<b>560</b>	<b>22</b>	<b>29</b>
<b>Semester IV</b>										
1	BTITC401	Microprocessors and Microcontrollers	2	1	-	20	20	60	3	3
2	BTITC402	Data Structures and Applications	3	1	-	20	20	60	4	4
3	BTITC403	Discrete Structures and Applications	2	1	-	20	20	60	3	3
4	BTITC404	Internetworking Protocols	2	1	-	20	20	60	3	3
5	BTBSCOE405A BTHMOE405B BTXXOE405C	<b>Elective II</b> A) Physics of Engineering Materials B) Organizational Behavior C) Development Engineering	2	1	-	20	20	60	3	3
6	BTXX406	Product Design Engineering	2	-	-	20	20	60	2	2
7	BTITL407	Microprocessors and Micro-controllers Lab	-	-	2	-	60	40	1	2
8	BTITL408	Data Structures and Applications Lab	-	-	4	-	60	40	2	4
9	BTITL409	Internetworking Protocols Lab	-	-	2	-	60	40	1	2
10	BTITTF410	Field Training / Internship/Industrial Training (minimum 4 weeks which can be completed partially in third semester and fourth semester or at one time.)						100	To be evaluated in V Semester	-
<b>Total</b>			<b>13</b>	<b>5</b>	<b>8</b>	<b>120</b>	<b>300</b>	<b>580</b>	<b>22</b>	<b>26</b>




  
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**B. Tech. Mechanical Engineering**  
Course Structure for Semester III [Second Year] w.e.f. 2018-2019

Course Code	Type of Course	Course Title	Weekly Teaching Scheme			Evaluation Scheme				Credits
			L	T	P	CA	MSE	ESE	Total	
BTBSC301	BSC 7	Engineering Mathematics-III	3	1	--	20	20	60	100	4
BTMEC302	ESC 11	Materials Science and Metallurgy	3	1	--	20	20	60	100	4
BTMEC303	PCC 1	Fluid Mechanics	3	1	--	20	20	60	100	4
BTMEC304	PCC 2	Machine Drawing and CAD	2	--	--	20	20	60	100	2
BTMEC305	ESC 12	Thermodynamics	3	1	--	20	20	60	100	4
BTHM3401	HSMC 3	Basic Human Rights	2	--	--	50	--	--	50	Audit (AU/ NP)
BTMEL307	ESC 13	Materials Science and Metallurgy Lab	--	--	2	60	--	40	100	1
BTMEL308	PCC 3	Fluid Mechanics Lab	--	--	2	60	--	40	100	1
BTMEL309	PCC 4	Machine Drawing and CAD Lab	--	--	4	60	--	40	100	2
BTMEF310	Project I	Field Training /Internship/Industrial Training I	--	--	--	--	--	50	50	1
Total			16	4	8	330	100	470	900	23



  
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**B. Tech. Mechanical Engineering**  
Course Structure for Semester IV [Second Year] w.e.f. 2018-2019

Course Code	Type of Course	Course Title	Weekly Teaching Scheme			Evaluation Scheme				Credits
			L	T	P	CA	MSE	ESE	Total	
BTMEC401	PCC 5	Manufacturing Processes - I	2	1	--	20	20	60	100	3
BTMEC402	PCC 6	Theory of Machines-I	3	1	--	20	20	60	100	4
BTMEC403	PCC 7	Strength of Materials	3	1	--	20	20	60	100	4
BTMEC404	BSC 8	Numerical Methods in Mechanical Engineering	2	1	--	20	20	60	100	3
BTID405	PCC 8	Product Design Engineering – I	1	--	2	60	--	40	100	2
BTBSE406A	OEC 1	Physics of Engineering Materials	3	--	--	20	20	60	100	3
BTBSE3405A		Advanced Engineering Chemistry								
BTHIM3402		Interpersonal Communication Skill & Self Development								
BTMEL407	PCC 9	Manufacturing Processes Lab – I	--	--	2	60	--	40	100	1
BTMEL408	PCC 10	Theory of Machines Lab- I	--	--	2	60	--	40	100	1
BTMEL409	PCC 11	Strength of Materials Lab	--	--	2	60	--	40	100	1
BTMEL410	BSC 9	Numerical Methods Lab	--	--	2	60	--	40	100	1
Total			14	4	10	400	100	500	1000	23

Minimum 4 weeks training which can be completed partially in third and fourth semester or in at one time.



  
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**Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur**  
**Faculty of Engineering & Technology**  
**Course and Examination Scheme of Bachelor of Engineering (Mechanical Engineering)**  
**V Semester B.E. (Mechanical Engineering)**

Annexure - B

Subject Code	Subject	Teaching Scheme				Examination Scheme								
		Hours per week			No. of Credits	Theory					Practical			
		L	T	P		Duration of Paper (Hrs.)	Max. Marks University Assessment	Max. Marks College Assessment	Total Marks	Min. Passing Marks	Max. Marks University Assessment	Max. Marks College Assessment	Total Marks	Min. Passing Marks
BEME501T	Industrial Economics and Entrepreneurship Development	03	01	-	04	03	80	20	100	40	-	-	-	-
BEME502T	Design of Machine Elements	03	01	-	04	03	80	20	100	40	-	-	-	-
BEME503T	Advanced Production Processes	03	01	-	04	03	80	20	100	40	-	-	-	-
BEME504T	Heat Transfer	03	01	-	04	03	80	20	100	40	-	-	-	-
BEME504P	Heat Transfer	-	-	02	01	-	-	-	-	-	25	25	50	25
BEME505T	Mechanical Measurement & Metrology	03	01	-	04	03	80	20	100	40	-	-	-	-
BEME505P	Mechanical Measurement & Metrology	-	-	02	01	-	-	-	-	-	25	25	50	25
BEME506P	Computer Applications - I	-	02	02	04	-	-	-	-	-	50	50	100	50
BEME507P	Industrial Visit	-	-	02	Audit Course									
<b>Total</b>		<b>15</b>	<b>07</b>	<b>08</b>		<b>-</b>	<b>400</b>	<b>100</b>	<b>500</b>	<b>-</b>	<b>100</b>	<b>100</b>	<b>200</b>	<b>-</b>
<b>Semester Total</b>		<b>30</b>			<b>26</b>	<b>Marks 700</b>								

Industrial Economics and Entrepreneurship Development (BEME501T) subject pertains to Board of Studies in Applied Sciences & Humanities and all the remaining subjects pertain to the Board of Studies in Mechanical Engineering.



  
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**Course and Examination Scheme of Bachelor of Engineering (Mechanical Engineering)**

**VI Semester B.E. (Mechanical Engineering)**

Subject Code	Subject	Teaching Scheme				Examination Scheme								
		Hours per week			No. of Credits	Theory					Practical			
		L	T	P		Duration of Paper (Hrs.)	Max. Marks University Assessment	Max. Marks College Assessment	Total Marks	Min. Passing Marks	Max. Marks University Assessment	Max. Marks College Assessment	Total Marks	Min. Passing Marks
BEME601T	Energy Conversion- I	03	01	-	04	03	80	20	100	40	-	-	-	-
BEME602T	Control Systems Engineering	03	01	-	04	03	80	20	100	40	-	-	-	-
BEME603T	Operations Research	03	01	-	04	03	80	20	100	40	-	-	-	-
BEME604T	Mechatronics	03	01	-	04	03	80	20	100	40	-	-	-	-
BEME604P	Mechatronics	-	-	02	01	-	-	-	-	-	25	25	50	25
BEME605T	Dynamics of Machines	03	01	-	04	03	80	20	100	40	-	-	-	-
BEME605P	Dynamics of Machines	-	-	02	01	-	-	-	-	-	25	25	50	25
BEME606T	Functional English	02	-	-	02	02	40	10	50	20	-	-	-	-
BEME607P	Computer Applications - II	-	02	02	04	-	-	-	-	-	50	50	100	50
BEME608P	Industrial Case Study	-	-	02	02	-	-	-	-	-	-	50	50	25
<b>Total</b>		<b>17</b>	<b>07</b>	<b>08</b>	<b>-</b>	<b>-</b>	<b>440</b>	<b>110</b>	<b>550</b>	<b>-</b>	<b>100</b>	<b>150</b>	<b>250</b>	<b>-</b>
<b>Semester Total</b>		<b>32</b>			<b>30</b>	<b>800 Marks</b>								

Functional English (BEME606T) subject pertains to Board of Studies in Applied Sciences & Humanities and all the remaining subjects pertain to the Board of Studies in Mechanical Engineering. Mechatronics (BEME604T:P) subject can also be taught by a teacher from Electronics-Instrumentation/Mechatronics-relevant disciplines.



  
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Course and Examination Scheme of Bachelor of Engineering (Mechanical Engineering)  
VII Semester B.E. (Mechanical Engineering)

Subject Code	Subject	Teaching Scheme				Examination Scheme								
		Hours per week			No. of Credits	Theory				Practical				
		L	T	P		Duration of Paper (Hrs.)	Max. Marks University Assessment	Max. Marks College Assessment	Total Marks	Min. Passing Marks	Max. Marks University Assessment	Max. Marks College Assessment	Total Marks	Min. Passing Marks
BEME701T	Industrial Engineering	03	01	-	04	03	80	20	100	40	-	-	-	-
BEME702T	Elective-I	03	01	-	04	03	80	20	100	40	-	-	-	-
BEME703T	Computer Aided Design	02	01	-	04	03	80	20	100	40	-	-	-	-
BEME703P	Computer Aided Design	-	-	02	01	-	-	-	-	-	25	25	50	25
BEME704T	Energy Conversion - II	03	01	-	04	03	80	20	100	40	-	-	-	-
BEME704P	Energy Conversion - II	-	-	02	01	-	-	-	-	-	25	25	50	25
BEME705T	Design of Mechanical Drives	03	01	-	04	03	80	20	100	40	-	-	-	-
BEME705P	Design of Mechanical Drives	-	-	02	01	-	-	-	-	-	25	25	50	25
BEME706P	Project Seminar	-	-	03	03	-	-	-	-	-	-	50	50	25
<b>Total</b>		<b>18</b>	<b>05</b>	<b>09</b>	<b>-</b>	<b>-</b>	<b>400</b>	<b>100</b>	<b>500</b>	<b>-</b>	<b>75</b>	<b>125</b>	<b>200</b>	<b>-</b>
<b>Semester Total</b>		<b>29</b>			<b>24</b>	<b>700 Marks</b>								

**Elective - I (BEME702T):**

BEME702T1: Industrial Robotics  
BEME702T4: Power Plant Engineering

BEME702T2: Tool Design  
BEME702T5: Synthesis of Mechanisms

BEME702T3: Automobile Engineering  
BEME702T6: Material Handling Systems

All subjects pertain to Board of Studies in Mechanical Engineering.



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**Course and Examination Scheme of Bachelor of Engineering (Mechanical Engineering)**  
**VIII Semester B.E. (Mechanical Engineering)**

Subject Code	Subject	Teaching Scheme				Examination Scheme								
		Hour: per week			No. of Credits	Theory				Practical				
		L	T	P		Duration of Paper (Hrs.)	Max. Marks: University Assessment	Max. Marks: College Assessment	Total Marks	Min. Passing Marks	Max. Marks: University Assessment	Max. Marks: College Assessment	Total Marks	Min. Passing Marks
BEME801T	Industrial Management	03	01	-	04	03	30	20	100	40	-	-	-	-
BEME802T	Elective - II	03	01	-	04	03	30	20	100	40	-	-	-	-
BEME802P	Elective - II	-	-	02	01	-	-	-	-	-	25	25	50	25
BEME803T	Elective - III	03	01	-	04	03	30	20	100	40	-	-	-	-
BEME804T	Automation in Production	03	01	-	04	03	30	20	100	40	-	-	-	-
BEME804P	Automation in Production	-	-	02	01	-	-	-	-	-	25	25	50	25
BEME805T	Energy Conversion - III	03	01	-	04	03	30	20	100	40	-	-	-	-
BEME805P	Energy Conversion - III	-	-	02	01	-	-	-	-	-	25	25	50	25
BEME806P	Project	-	-	06	06	-	-	-	-	-	75	75	150	75
<b>Total</b>		<b>15</b>	<b>05</b>	<b>12</b>			<b>400</b>	<b>100</b>	<b>500</b>		<b>150</b>	<b>150</b>	<b>300</b>	
<b>Semester Total</b>		<b>32</b>			<b>29</b>	<b>800 Marks</b>								

**Elective - II (BEME802T, BEME802P):**

BEME802T1 P1: Finite Element Method  
 BEME802T4 P4: Management Information Systems

BEME802T2 P2: Computer Integrated Manufacturing  
 BEME802T5 P5: Refrigeration & Air-Conditioning

BEME802T3 P3: Industrial Fluid Power  
 BEME802T6 P6: Stress Analysis

**Elective - III (BEME803T):**

BEME803T1: Advanced Manufacturing Techniques  
 BEME803T4: Mechanical Vibrations

BEME803T2: Machine Tool Design  
 BEME803T5: Advance I.C. Engine

BEME803T3: Renewable Energy Systems  
 BEME803T6: Tribology

All subjects pertain to Board of Studies in Mechanical Engineering.



  
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**Dr. Babasaheb Ambedkar Technological University, Lonere.**

**B. Tech (Electronics & Telecommunication Engineering) / B. Tech (Electronics Engineering)  
Curriculum for Semester III [Second Year]**

Sr. No.	Course Code	Course Title	Hours Per Week			Evaluation Scheme			Total Marks	Credits
			L	T	P	MSE	CA	ESE		
1	BTBSC301	Engineering Mathematics-III	3	1	0	20	20	60	100	4
2	BTEXC302	Analog Circuits	2	1	0	20	20	60	100	3
3	BTEXC303	Electronic Devices & Circuits	2	1	0	20	20	60	100	3
4	BTEXC304	Network Analysis	2	1	0	20	20	60	100	3
5	BTEXC305	Digital Logic Design	2	1	0	20	20	60	100	3
6	BTHM3401	Basic Human Rights	2	0	0	--	50	--	50	(Audit)
7	BTEXL307	Analog Circuits Lab	0	0	2	--	60	40	100	1
8	BTEXL308	Electronic Devices & Circuits Lab	0	0	2	--	60	40	100	1
9	BTEXL309	Network Analysis Lab	0	0	2	--	60	40	100	1
10	BTEXL310	Digital Logic Design Lab	0	0	2	--	60	40	100	1
11	BTEXW311	Electronics Workshop	0	0	2	--	60	40	100	1
12	BTES211P	Field Training/ Internship/Industrial Training Evaluation	--	--	--	--	--	50	50	1
<b>Total</b>			<b>13</b>	<b>0</b>	<b>10</b>	<b>100</b>	<b>450</b>	<b>550</b>	<b>1100</b>	<b>22</b>




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12	BTEXF412	Field Training/ Internship/Industrial Training (Minimum 4 weeks which can be completed partially in third semester or fourth semester or in at one time)	--	--	--	--	--	--	--	1 (To be evaluated in V <sup>th</sup> Semester)
<b>Total</b>			<b>11</b>	<b>05</b>	<b>12</b>	<b>130</b>	<b>430</b>	<b>540</b>	<b>1100</b>	<b>22</b>



  
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## PROPOSED SCHEME OF EXAMINATION FOR FIFTH SEMESTER BACHELOR OF ENGINEERING

(ELECTRONICS & COMMUNICATION/ELECTRONICS & TELECOMMUNICATION ENGINEERING)

Sub Code	Board	SUBJECT	Work Load				Credit				Marks				Total Marks
			L	P	T	Total	L	P	T	Total	Theory		Practical		
											Internal	University	Internal	University	
BEECE501T/ BEETE501T	Electronics	Antenna & Wave Propagation	4	0	1	5	4	0	1	5	20	80	0	0	100
BEECE502T/ BEETE502T	Electronics	Microprocessor & Microcontroller	4	0	1	5	4	0	1	5	20	80	0	0	100
BEECE502P/ BEETE502P	Electronics	Microprocessor & Microcontroller	0	2	0	2	0	1	0	1	0	0	25	25	50
BEECE503T/ BEETE503T	Electronics	Analog Circuits & Design	4	0	1	5	4	0	1	5	20	80	0	0	100
BEECE503P/ BEETE503P	Electronics	Analog Circuits & Design	0	2	0	2	0	1	0	1	0	0	25	25	50
BEECE504T/ BEETE504T	Electronics	Communication Electronics	4	0	1	5	4	0	1	5	20	80	0	0	100
BEECE504P/ BEETE504P	Electronics	Communication Electronics	0	2	0	2	0	1	0	1	0	0	25	25	50
BEECE505T/ BEETE505T	Applied Science & Humanities	Industrial Economics & Entrepreneurship Development	4	0	0	4	4	0	0	4	20	80	0	0	100
<b>Total</b>			<b>20</b>	<b>6</b>	<b>4</b>	<b>30</b>	<b>20</b>	<b>3</b>	<b>4</b>	<b>27</b>	<b>100</b>	<b>400</b>	<b>75</b>	<b>75</b>	<b>650</b>



  
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## SCHEME OF EXAMINATION FOR

### B.E. SEVENTH SEMESTER (ELECTRONICS & COMMUNICATION / ELECTRONICS & TELECOMMUNICATION ENGINEERING)

Sub Code	Board	SUBJECT	Work Load				Credit				Marks				Total Marks
			L	P	T	Total	L	P	T	Total	Theory		Practical		
											Internal	University	Internal	University	
BEECE701T/ BEETE701T	Electronics	DSP Processor & Architecture	4	0	1	5	4	0	1	5	20	80	0	0	100
BEECE701P/ BEETE701P	Electronics	DSP Processor & Architecture	0	2	0	2	0	1	0	1	0	0	25	25	50
BEECE702T/ BEETE702T	Electronics	Television & Video Engineering	4	0	1	5	4	0	1	5	20	80	0	0	100
BEECE702P/ BEETE702P	Electronics	Television & Video Engineering	0	2	0	2	0	1	0	1	0	0	25	25	50
BEECE703T/ BEETE703T	Electronics	Optical Communication	4	0	0	4	4	0	0	4	20	80	0	0	100
BEECE704T/ BEETE704T	Electronics	Advanced Digital System Design	4	0	1	5	4	0	1	5	20	80	0	0	100
BEECE704P/ BEETE704P	Electronics	Advanced Digital System Design	0	2	0	2	0	1	0	1	0	0	25	25	50
BEECE705T/ BEETE705T	Electronics	Elective-I	3	0	1	4	3	0	1	4	20	80	0	0	100
BEECE706P/ BEETE706P	Electronics	Project Seminar	0	2	0	2	0	2	0	2	0	0	50	0	50
<b>Total</b>			<b>19</b>	<b>8</b>	<b>4</b>	<b>31</b>	<b>19</b>	<b>5</b>	<b>4</b>	<b>28</b>	<b>100</b>	<b>400</b>	<b>125</b>	<b>75</b>	<b>700</b>

**Elective-I** – 1. Fuzzy Logic & Neural Network 2. Microelectromechanical Systems and System On Chip 3. Data Compression & Encryption  
4. VLSI Signal Processing



  
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**PROPOSED SCHEME OF EXAMINATION FOR  
FIFTH SEMESTER BACHELOR OF ENGINEERING**

**(ELECTRONICS & COMMUNICATION/ELECTRONICS & TELECOMMUNICATION ENGINEERING)**

Sub Code	Board	SUBJECT	Work Load				Credit				Marks				Total Marks
			L	P	T	Total	L	P	T	Total	Theory		Practical		
											Internal	University	Internal	University	
BEECE501T/ BEETE501T	Electronics	Antenna & Wave Propagation	4	0	1	5	4	0	1	5	20	80	0	0	100
BEECE502T/ BEETE502T	Electronics	Microprocessor & Microcontroller	4	0	1	5	4	0	1	5	20	80	0	0	100
BEECE502P/ BEETE502P	Electronics	Microprocessor & Microcontroller	0	2	0	2	0	1	0	1	0	0	25	25	50
BEECE503T/ BEETE503T	Electronics	Analog Circuits & Design	4	0	1	5	4	0	1	5	20	80	0	0	100
BEECE503P/ BEETE503P	Electronics	Analog Circuits & Design	0	2	0	2	0	1	0	1	0	0	25	25	50
BEECE504T/ BEETE504T	Electronics	Communication Electronics	4	0	1	5	4	0	1	5	20	80	0	0	100
BEECE504P/ BEETE504P	Electronics	Communication Electronics	0	2	0	2	0	1	0	1	0	0	25	25	50
BEECE505T/ BEETE505T	Applied Science & Humanities	Industrial Economics & Entrepreneurship Development	4	0	0	4	4	0	0	4	20	80	0	0	100
<b>Total</b>			<b>20</b>	<b>6</b>	<b>4</b>	<b>30</b>	<b>20</b>	<b>3</b>	<b>4</b>	<b>27</b>	<b>100</b>	<b>400</b>	<b>75</b>	<b>75</b>	<b>650</b>



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## SCHEME OF EXAMINATION FOR

### B.E. SEVENTH SEMESTER (ELECTRONICS & COMMUNICATION / ELECTRONICS & TELECOMMUNICATION ENGINEERING)

Sub Code	Board	SUBJECT	Work Load				Credit				Marks				Total Marks
			L	P	T	Total	L	P	T	Total	Theory		Practical		
											Internal	University	Internal	University	
BEECE701T/ BEETE701T	Electronics	DSP Processor & Architecture	4	0	1	5	4	0	1	5	20	80	0	0	100
BEECE701P/ BEETE701P	Electronics	DSP Processor & Architecture	0	2	0	2	0	1	0	1	0	0	25	25	50
BEECE702T/ BEETE702T	Electronics	Television & Video Engineering	4	0	1	5	4	0	1	5	20	80	0	0	100
BEECE702P/ BEETE702P	Electronics	Television & Video Engineering	0	2	0	2	0	1	0	1	0	0	25	25	50
BEECE703T/ BEETE703T	Electronics	Optical Communication	4	0	0	4	4	0	0	4	20	80	0	0	100
BEECE704T/ BEETE704T	Electronics	Advanced Digital System Design	4	0	1	5	4	0	1	5	20	80	0	0	100
BEECE704P/ BEETE704P	Electronics	Advanced Digital System Design	0	2	0	2	0	1	0	1	0	0	25	25	50
BEECE705T/ BEETE705T	Electronics	Elective-I	3	0	1	4	3	0	1	4	20	80	0	0	100
BEECE706P/ BEETE706P	Electronics	Project Seminar	0	2	0	2	0	2	0	2	0	0	50	0	50
<b>Total</b>			<b>19</b>	<b>8</b>	<b>4</b>	<b>31</b>	<b>19</b>	<b>3</b>	<b>4</b>	<b>28</b>	<b>100</b>	<b>400</b>	<b>125</b>	<b>75</b>	<b>700</b>

**Elective-I** – 1. Fuzzy Logic & Neural Network 2. Microelectromechanical Systems and System On Chip 3. Data Compression & Encryption  
4. VLSI Signal Processing



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## SCHEME OF EXAMINATION FOR

### B.E. SEVENTH SEMESTER (ELECTRONICS & COMMUNICATION / ELECTRONICS & TELECOMMUNICATION ENGINEERING)

Sub Code	Board	SUBJECT	Work Load				Credit				Marks				
			L	P	T	Total	L	P	T	Total	Theory		Practical		Total Marks
											Internal	University	Internal	University	
BEECE701T/ BEETE701T	Electronics	DSP Processor & Architecture	4	0	1	5	4	0	1	5	20	80	0	0	100
BEECE701P/ BEETE701P	Electronics	DSP Processor & Architecture	0	2	0	2	0	1	0	1	0	0	25	25	50
BEECE702T/ BEETE702T	Electronics	Television & Video Engineering	4	0	1	5	4	0	1	5	20	80	0	0	100
BEECE702P/ BEETE702P	Electronics	Television & Video Engineering	0	2	0	2	0	1	0	1	0	0	25	25	50
BEECE703T/ BEETE703T	Electronics	Optical Communication	4	0	0	4	4	0	0	4	20	80	0	0	100
BEECE704T/ BEETE704T	Electronics	Advanced Digital System Design	4	0	1	5	4	0	1	5	20	80	0	0	100
BEECE704P/ BEETE704P	Electronics	Advanced Digital System Design	0	2	0	2	0	1	0	1	0	0	25	25	50
BEECE705T/ BEETE705T	Electronics	Elective-I	3	0	1	4	3	0	1	4	20	80	0	0	100
BEECE706P/ BEETE706P	Electronics	Project Seminar	0	2	0	2	0	2	0	2	0	0	50	0	50
<b>Total</b>			<b>19</b>	<b>8</b>	<b>4</b>	<b>31</b>	<b>19</b>	<b>5</b>	<b>4</b>	<b>28</b>	<b>100</b>	<b>400</b>	<b>125</b>	<b>75</b>	<b>700</b>

**Elective-I** – 1. Fuzzy Logic & Neural Network 2. Microelectromechanical Systems and System On Chip 3. Data Compression & Encryption  
4. VLSI Signal Processing



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## SCHEME OF EXAMINATION FOR

### B.E. EIGHTH SEMESTER (ELECTRONICS & COMMUNICATION / ELECTRONICS & TELECOMMUNICATION ENGINEERING)

Sub Code	Board	SUBJECT	Work Load				Credit				Marks				Total Marks
			L	P	T	Total	L	P	T	Total	Theory		Practical		
											Internal	Unive rsity	Internal	Unive rsity	
BEECE801T/ BEETE801T	Electronics	Microwave & Radar Engineering	4	0	0	4	4	0	0	4	20	80	0	0	100
BEECE801P/ BEETE801P	Electronics	Microwave & Radar Engineering	0	2	0	2	0	1	0	1	0	0	25	25	50
BEECE802T/ BEETE802T	Electronics	Computer Communication Network	4	0	1	5	4	0	1	5	20	80	0	0	100
BEECE802P/ BEETE802P	Electronics	Computer Communication Network	0	2	0	2	0	1	0	1	0	0	25	25	50
BEECE803T/ BEETE803T	Electronics	Wireless & Mobile Communication	4	0	0	4	4	0	0	4	20	80	0	0	100
BEECE804T/ BEETE804T	Electronics	Elective-II	3	0	1	4	3	0	1	4	20	80	0	0	100
BEECE805T/ BEETE805T	Electronics	Elective-III	3	0	1	4	3	0	1	4	20	80	0	0	100
BEECE806P/ BEETE806P	Electronics	Project	0	6	0	6	0	6	0	6	0	0	75	75	150
<b>Total</b>			<b>18</b>	<b>10</b>	<b>3</b>	<b>31</b>	<b>18</b>	<b>8</b>	<b>3</b>	<b>29</b>	<b>100</b>	<b>400</b>	<b>125</b>	<b>125</b>	<b>750</b>

Elective-II – 1. Wireless Sensor Network 2. Embedded System 3. Digital Image Processing 4. Artificial Intelligence

Elective-III – 1. Random Signal Theory 2. Robotics & Automation 3. Satellite Communication 4. CMOS VLSI Design



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**Dr. Babasaheb Ambedkar Technological University, Lonere.**

**B. Tech (Electronics & Telecommunication Engineering) / B. Tech (Electronics Engineering)  
Curriculum for Semester III [Second Year]**

Sr. No.	Course Code	Course Title	Hours Per Week			Evaluation Scheme			Total Marks	Credits
			L	T	P	MSE	CA	ESE		
1	BTBSC301	Engineering Mathematics-III	3	1	0	20	20	60	100	4
2	BTEXC302	Analog Circuits	2	1	0	20	20	60	100	3
3	BTEXC303	Electronic Devices & Circuits	2	1	0	20	20	60	100	3
4	BTEXC304	Network Analysis	2	1	0	20	20	60	100	3
5	BTEXC305	Digital Logic Design	2	1	0	20	20	60	100	3
6	BTHM3401	Basic Human Rights	2	0	0	--	50	--	50	(Audit)
7	BTEXL307	Analog Circuits Lab	0	0	2	--	60	40	100	1
8	BTEXL308	Electronic Devices & Circuits Lab	0	0	2	--	60	40	100	1
9	BTEXL309	Network Analysis Lab	0	0	2	--	60	40	100	1
10	BTEXL310	Digital Logic Design Lab	0	0	2	--	60	40	100	1
11	BTEXW311	Electronics Workshop	0	0	2	--	60	40	100	1
12	BTES211P	Field Training/ Internship/Industrial Training Evaluation	--	--	--	--	--	50	50	1
<b>Total</b>			<b>13</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>450</b>	<b>550</b>	<b>1100</b>	<b>22</b>




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**Dr. Babasaheb Ambedkar Technological University, Lonere.**

12	BTEXF412	Field Training/ Internship/Industrial Training (Minimum 4 weeks which can be completed partially in third semester or fourth semester or in at one time)	--	--	--	--	--	--	--	1 (To be evaluated in V <sup>th</sup> Semester)
<b>Total</b>			<b>11</b>	<b>05</b>	<b>12</b>	<b>130</b>	<b>430</b>	<b>540</b>	<b>1100</b>	<b>22</b>



  
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SCHEME OF EXAMINATION FOR  
FIFTH SEMESTER BACHELOR OF ENGINEERING  
( ELECTRONICS ENGINEERING )

Sub Code	Board	SUBJECT	Work Load				Credit				Marks				Total Marks
			L	P	T	Total	L	P	T	Total	Theory		Practical		
											Internal	University	Internal	University	
BEENE501T	Electronics	Switching Theory & Automata	4	0	1	5	4	0	1	5	20	80	0	0	100
BEENE502T	Electronics	Microprocessor & Microcontroller	4	0	1	5	4	0	1	5	20	80	0	0	100
BEENE502P	Electronics	Microprocessor & Microcontroller	0	2	0	2	0	1	0	1	0	0	25	25	50
BEENE503T	Electronics	Analog Circuits & Design	4	0	1	5	4	0	1	5	20	80	0	0	100
BEENE503P	Electronics	Analog Circuits & Design	0	2	0	2	0	1	0	1	0	0	25	25	50
BEENE504T	Electronics	Communication Electronics	4	0	1	5	4	0	1	5	20	80	0	0	100
BEENE504P	Electronics	Communication Electronics	0	2	0	2	0	1	0	1	0	0	25	25	50
BEENE505T	Applied Science & Humanities	Industrial Economics & Entrepreneurship Development	4	0	0	4	4	0	0	4	20	80	0	0	100
<b>Total</b>			<b>20</b>	<b>6</b>	<b>4</b>	<b>30</b>	<b>20</b>	<b>3</b>	<b>4</b>	<b>27</b>	<b>100</b>	<b>400</b>	<b>75</b>	<b>75</b>	<b>650</b>



  
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## SCHEME OF EXAMINATION FOR

### B.E. SEVENTH SEMESTER (ELECTRONICS ENGINEERING)

Sub. Code	Board	SUBJECT	WorkLoad				Credit				Marks				Total Marks
			L	P	T	Total	L	P	T	Total	Theory		Practical		
											Internal	University	Internal	University	
BEENE701T	Electronics	DSP Processor & Architecture	4	0	1	5	4	0	1	5	20	80	0	0	100
BEENE701P	Electronics	DSP Processor & Architecture	0	2	0	2	0	1	0	1	0	0	25	25	50
BEENE702T	Electronics	Embedded system	4	0	1	5	4	0	1	5	20	80	0	0	100
BEENE702P	Electronics	Embedded system	0	2	0	2	0	1	0	1	0	0	25	25	50
BEENE703T	Electronics	Optical Communication	4	0	0	4	4	0	0	4	20	80	0	0	100
BEENE704T	Electronics	Advanced Digital System Design	4	0	1	5	4	0	1	5	20	80	0	0	100
BEENE704P	Electronics	Advanced Digital System Design	0	2	0	2	0	1	0	1	0	0	25	25	50
BEENE705T	Electronics	Elective-I	3	0	1	4	3	0	1	4	20	80	0	0	100
BEENE706P	Electronics	Project Seminar	0	2	0	2	0	2	0	2	0	0	50	0	50
<b>Total</b>			<b>19</b>	<b>8</b>	<b>4</b>	<b>31</b>	<b>19</b>	<b>5</b>	<b>4</b>	<b>28</b>	<b>100</b>	<b>400</b>	<b>125</b>	<b>75</b>	<b>700</b>

Elective-I - 1. Digital Image Processing 2. Mobile Communication 3. Biomedical Instrumentation 4. Random Signal Theory



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