



**2.5.1: Mechanism of internal assessment is transparent and robust in terms of frequency and mode**

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SHREEYASH PRATISHTHAN'S  
**SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY**  
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**2.5 EVALUATION PROCESS AND REFORMS**



## **ACADEMIC NOTICE AND ACADEMIC CALENDAR**



Date: 09/01/2020

**NOTICE FOR BE**

All the students and faculty members are hereby informed that following will be the academic schedule for Part – II of academic year 2019-2020.

Sr. No	Event/Activity	Date	Time
1	Term Start	13/01/2020	10:00 am
2	Flag Hoisting (Republic Day)	26/01/2020	07:45 am
3	Class Representative Meeting in Hall No. 118	31/01/2020	04:15 pm
4	Display of 1 <sup>st</sup> defaulter list	05/02/2020	03:30 pm
5	First Class Test	07, 08 & 10/02/2020	10:30-11:30 am & 01:30-02:30 pm
6	Class Representative Meeting in Hall No. 118	29/02/2020	04:15 pm
7	Traditional Days & Cultural Event & Sports Activity ( Annual Social Gathering)	02 to 07/03/2020	-----
8	Display of 2 <sup>nd</sup> defaulter list	14/03/2020	03:30 pm
9	Second Class Test	16, 17, 18 & 19/03/2020	10:30 am - 11:30 am
10	Class Representative Meeting in Hall No. 118	31/03/2020	04:15 pm
11	Display of final defaulter	13/04/2020	03:30 pm
12	Preliminary Examination	15, 16, 17, 18/04/2020	10:30am to 01:30pm
13	Term End	20/04/2020	05:30 pm
14	Term work Submission	20/04/2020 to 22/04/2020	10:00 am - 05:30 pm
15	Oral / Practical Examination	26/04/2020 to 05/05/2020	10:00 am -05:30 pm
16	Flag Hoisting (Maharashtra Din)	01/05/2020	07:45 am
17	University Theory Exam Starts for BE	15/05/2020	10:00 am
18	Theory Exam End for BE	14/06/2020	05:00 pm
19	Start of Next Academic Session 2020-2021	09/07/2020	10:00 am

- Attendance above 90% is essential in theory and practical separately.
- Students having attendance below 75% in theory as well as in practical will not be allowed to appear in the class test and final examination.

CC to: 1) All HOD's  
2) Notice Board

All HOD to verify  
and forward  
with in two days

  
Principal



## NOTICE FOR FE, SE, TE & MTECH

All the students and faculty members are hereby informed that following will be the academic schedule for Part – II of academic year 2019-2020.

Sr. No.	Event/Activity	Date	Time
1	Term Start	13/01/2020	10:00 am
2	Flag Hoisting (Republic Day)	26/01/2020	07:45 am
3	Class Representative Meeting in Hall No. 118	31/01/2020	04:15 pm
4	Display of 1 <sup>st</sup> defaulter list for FE,SE & TE	05/02/2020	03:30 pm
5	First Class Test for FE,SE & TE	07, 08 & 10/02/2020	10:30-11:30 am & 01:30-02:30 pm
6	Remedial Examination	20 to 26/ 02/2020	10:00 am
7	CA-I Marks submission	27 to 29/ 02/2020	-----
8	Class Representative Meeting in Hall No. 118	29/02/2020	04:15 pm
9	Traditional Days & Cultural Event & Sports Activity ( Annual Social Gathering)	02 to 07/03/2020	-----
10	Display of 2 <sup>nd</sup> defaulter list for FE,SE & TE	14/03/2020	03:30 pm
11	Mid Semester Examinations	16 to 19 /03/2020	10:30-11:30 am & 01:30-02:30 pm
12	Class Representative Meeting in Hall No. 118	31/03/2020	04:15 pm
13	Display of 3 <sup>rd</sup> defaulter list for FE,SE & TE	04/04/2020	03:30 pm
14	Second Class Test for FE,SE & TE	06, 07 & 08/04/2020	10:30-11:30 am & 01:30-02:30 pm
15	Display of final defaulter list for FE,SE & TE	13/04/2020	03:30 pm
16	Preliminary Examination for FE,SE & TE	15, 16, 17, 18 & 20/04/2020	10:30 to 01:30pm
17	Term End for FE,SE & TE	20/04/2020	05:30 pm
18	CA-II Marks submission	20 to 24/ 04/2020	-----
19	Term work Submission for FE,SE & TE	21 to 25/04/2020	10:00 am -05:30 pm
20	Flag Hoisting (Maharashtra Din)	01/05/2020	07:45 am
21	Oral / Practical Examination for FE,SE & TE	16 to 22/05/2020	10:00 am -05:30 pm
22	University Theory Exam Starts	26/05/2020	10:00 am
23	Theory Exam End	20/06/2020	05:00 pm
24	Start of Next Academic Session 2020-2021	09/07/2020	10:00 am

- Attendance above 90% is essential in theory and practical separately.
- Students having attendance below 75% in theory as well as in practical will not be allowed to appear in the class test and final examination.

  
Principal

CC to: 1) All HOD's  
2) Notice Board





**SHREEYASH COLLEGE OF ENGINEERING AND TECHNOLOGY, AURANGABAD**  
**ACADEMIC CALENDER PART-II FOR BE (ACADEMIC YEAR: 2019 - 2020)**



DATE MONTH	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
JAN 2020					SUN							SUN	TERM START	THEORY CLASSES AND PRACTICALS				SUN	THEORY CLASSES AND PRACTICALS						REPUBLIC DAY FLAG HOIST AT 08.00 AM	THEORY CLASSES AND PRACTICALS			CRM MEETING & REG. TH & PR CLASS		
FEB 2020	THEORY CLASSES AND PRACTICALS	SUN	THEORY CLASSES AND PRACTICALS			CT - I, UPTO 03:15 PM AFTER REG. TH & PR CLASS	CT - I, UPTO 03:15 PM AFTER REG. TH & PR CLASS	SUN	CT - I, UPTO 03:15 PM AFTER REG. TH & PR CLASS	THEORY CLASSES AND PRACTICALS				SUN	THEORY CLASSES AND PRACTICALS		HOLIDAY CHATRAPATI SHIVAJI MAHARAJ JAYANTI	THEORY CLASSES AND PRACTICALS	HOLIDAY MAHASHIVRATRI	THEORY CLASSES AND PRACTICALS	SUN	THEORY CLASSES AND PRACTICALS				CRM MEETING & REG. TH & PR CLASS					
MAR 2020	SUN	TRADITIONAL DAYS & CULTURAL EVENT & SPORTS ACTIVITY ( ANNUAL SOCIAL GATHERING )					SUN	THEORY CLASSES AND PRACTICALS	HOLIDAY DHULIVANDAN	THEORY CLASSES AND PRACTICALS				SUN	CT - II, UPTO 03:15 PM AFTER REG. TH & PR CLASS	CT - II, UPTO 03:15 PM AFTER REG. TH & PR CLASS	CT - II, UPTO 03:15 PM AFTER REG. TH & PR CLASS	CT - II, UPTO 03:15 PM AFTER REG. TH & PR CLASS	THEORY CLASSES AND PRACTICALS		SUN	THEORY CLASSES AND PRACTICALS		HOLIDAY GUDI PADAVA	THEORY CLASSES AND PRACTICALS		SUN	THEORY CLASSES AND PRACTICALS	CRM MEETING & REG. TH & PR CLASS		
APR 2020	THEORY CLASSES AND PRACTICALS			SUN	THEORY CLASSES AND PRACTICALS				SUN	THEORY CLASSES AND PRACTICALS	Dr. BABASAHEB AMBEDKAR JAYANTI	PRELIMINARY EXAMINATION	PRELIMINARY EXAMINATION	PRELIMINARY EXAMINATION	PRELIMINARY EXAMINATION	SUN	TERM END	TERM WORK SUBMISSION			SUN	ORAL / PRACTICAL EXAMINATION									
MAY 2020	MAHARASHTRA DIN FLAG HOIST AT 08.00 AM	ORAL / PRACTICAL EXAMINATION	SUN	ORAL / PRACTICAL EXAMINATION		HOLIDAY BUDHA PORNIMA	SUN	THEORY EXAM STARTS FOR BE				SUN	THEORY EXAM FOR BE						SUN	HOLIDAY RAMJAN EID	THEORY EXAM FOR BE			SUN							
JUN 2020	THEORY EXAM FOR BE			SUN	THEORY EXAM FOR BE				SUN	THEORY EXAM FOR BE						SUN	THEORY EXAM FOR BE				SUN										

NOTE: HOD MEETING ON EVERY MONDAY AT 03:30 PM

CLASS REPRESENTATIVE MEETING (CRM) AT 04:15 PM.

TIME OF CLASS TEST IS SCHEDULED AT 10:30 AM TO 11:30 AM AND 01:30 PM TO 02:30 PM AFTER THAT THE REGULAR CLASSES WILL BE RUN AS PER TIME TABLE.

FLAG HOISTING: ON 26/01/2020 AT 07:45 AM (REPUBLIC DAY)  
ON 01/05/2020 AT 07:45 AM (MAHARASHTRA DIN)

HOLIDAYS	
19/02/2020	CHATRAPATI SHIVAJI MAHARAJ JAYANTI
21/02/2020	MAHASHIVRATRI
10/03/2020	DHULIVANDAN
11/03/2020	HOLIDAY
25/03/2020	GUDI PADAVA
14/04/2020	DR. BABASAHEB AMBEDKAR JAYANTI
07/05/2020	BUDHA PORNIMA
25/05/2020	RAMJAN EID

CANCELLED HOLYDAYS	
14/01/2020	NAMVISTAR DIN
26/01/2020	REPUBLIC DAY
28/02/2020	VIDNYAN DIN
02/04/2020	SHRI RAM NAVAMI
06/04/2020	MAHAVIR JAYANTI
10/04/2020	GOOD FRIDAY
11/04/2020	MAHATMA JYOTIBA PHULE JAYANTI

DISPLAY OF DEFAULTER LIST			
	FROM	TO	DISPLAY ON
I <sup>st</sup> DEFAULTER	13/01/2020	04/02/2020	05/02/2020
II <sup>nd</sup> DEFAULTER	13/01/2020	13/03/2020	14/03/2020
FINAL DEFAULTER	13/01/2020	12/04/2020	13/04/2020

CLASS TEST SCHEDULE	
I st CT	II nd CT
07/02/2020	16/03/2020
08/02/2020	17/03/2020
10/02/2020	18/03/2020
	19/03/2020

*D. Gaawar*  
PREPARED BY

*[Signature]*  
PRINCIPAL





## SHREYASH COLLEGE OF ENGINEERING AND TECHNOLOGY, AURANGABAD

### ACADEMIC CALENDER PART-II FOR FE,SE,TE & MTECH (ACADEMIC YEAR: 2019 - 2020)



DATE	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	
MONTH																																
JAN 2020					SUN							SUN	TERM START	THEORY CLASSES AND PRACTICALS						SUN	THEORY CLASSES AND PRACTICALS						REPUBLIC DAY FLAG HOIST AT 08.00 AM	THEORY CLASSES AND PRACTICALS				CRM MEETING & REG. TH & PR CLASS
FEB 2020	THEORY CLASSES AND PRACTICALS	SUN	THEORY CLASSES AND PRACTICALS				CT - I, UPTO 03:15 PM AFTER REG. TH & PR CLASS	CT - I, UPTO 03:15 PM AFTER REG. TH & PR CLASS	SUN	CT - I, UPTO 03:15 PM AFTER REG. TH & PR CLASS	THEORY CLASSES AND PRACTICALS				SUN	THEORY CLASSES AND PRACTICALS	HOLIDAY CHATRAPATI SHIVAJI MAHARAJ JAYANTI	REMEDIAL EXAMINATION & REGULAR CLASSES	HOLIDAY MAHASHIVRATRI	REMEDIAL EXAMINATION & REGULAR CLASSES	SUN	REMEDIAL EXAMINATION & REGULAR CLASSES			THEORY CLASSES AND PRACTICALS & CA-I MARKS SUBMISSION		CRM MEETING & REG. TH & PR CLASS					
MAR 2020	SUN	TRADITIONAL DAYS & CULTURAL EVENT & SPORTS ACTIVITY ( ANNUAL SOCIAL GATHERING )						SUN	THEORY CLASSES AND PRACTICALS	HOLIDAY DHULIVANDAN	THEORY CLASSES AND PRACTICALS				SUN	MID-SEMESTER EXAMINATION				THEORY CLASSES AND PRACTICALS	SUN	THEORY CLASSES AND PRACTICALS	HOLIDAY GUDI PADAVA	THEORY CLASSES AND PRACTICALS		SUN	THEORY CLASSES AND PRACTICALS	CRM MEETING & REG. TH & PR CLASS				
APR 2020	THEORY CLASSES AND PRACTICALS				SUN	CT - II, UPTO 03:15 PM AFTER REG. TH & PR CLASS	CT - II, UPTO 03:15 PM AFTER REG. TH & PR CLASS	CT - II, UPTO 03:15 PM AFTER REG. TH & PR CLASS	THEORY CLASSES AND PRACTICALS			SUN	THEORY CLASSES AND PRACTICALS	Dr. BABASAHEB AMBEDKAR JAYANTI	PRELIMINARY EXAMINATION	PRELIMINARY EXAMINATION	PRELIMINARY EXAMINATION	PRELIMINARY EXAMINATION	SUN	TERM END	FE, SE AND TE TERM WORK SUBMISSION & CA-II MARKS SUBMISSION				SUN	FE, SE AND TE TERM WORK SUBMISSION						
MAY 2020	MAHARASHTRA DIN FLAG HOIST AT 08.00 AM	SUN					HOLIDAY BUDHA PORNIMA					SUN					FE, SE AND TE PRACTICAL/ORAL EXAMINATION	SUN	FE, SE AND TE PRACTICAL/ORAL EXAMINATION				SUN	HOLIDAY RAMJAN EID	THEORY EXAM (FE, SE AND TE)				SUN			
JUN 2020	THEORY EXAM (FE, SE AND TE)						SUN	THEORY EXAM (FE, SE AND TE)				SUN	THEORY EXAM (FE, SE AND TE)						SUN					SUN								

NOTE: HOD MEETING ON EVERY MONDAY AT 03:30 PM  
 CLASS REPRESENTATIVE MEETING (CRM) AT 04:15 PM.  
 TIME OF CLASS TEST IS SCHEDULED AT 10:30 AM TO 11:30 AM AND 01:30 PM TO 02:30 PM AFTER THAT THE REGULAR CLASSES WILL BE RUN AS PER TIME TABLE.

FLAG HOISTING: ON 26/01/2020 AT 07:45 AM (REPUBLIC DAY)  
 ON 01/05/2020 AT 07:45 AM (MAHARASHTRA DIN)

HOLIDAYS	
19/02/2020	CHATRAPATI SHIVAJI MAHARAJ JAYANTI
21/02/2020	MAHASHIVRATRI
10/03/2020	DHULIVANDAN
11/03/2020	HOLIDAY
25/03/2020	GUDI PADAVA
14/04/2020	DR. BABASAHEB AMBEDKAR JAYANTI
07/05/2020	BUDHA PORNIMA
25/05/2020	RAMJAN EID

CANCELLED HOLYDAYS	
14/01/2020	NAMVISTAR DIN
26/01/2020	REPUBLIC DAY
28/02/2020	VIDNYAN DIN
02/04/2020	SHRI RAM NAVAMI
06/04/2020	MAHAVIR JAYANTI
10/04/2020	GOOD FRIDAY
11/04/2020	MAHATMA JYOTIBA PHULE JAYANTI

DISPLAY OF DEFAULTER LIST			
	FROM	TO	DISPLAY ON
I <sup>st</sup> DEFAULTER	13/01/2020	04/02/2020	05/02/2020
II <sup>nd</sup> DEFAULTER	13/01/2020	13/03/2020	14/03/2020
III <sup>rd</sup> DEFAULTER	13/01/2020	03/04/2020	04/04/2020
FINAL DEFAULTER	13/01/2020	12/04/2020	13/04/2020

CLASS TEST SCHEDULE	
I st CT	II nd CT
07/02/2020	06/04/2020
08/02/2020	07/04/2020
10/02/2020	08/04/2020

*D. Gaubay*  
 PREPARED BY

*[Signature]*  
 PRINCIPAL





Shreeyash Pratishtan's

Shreeyash College of Engineering and Technology, Aurangabad




Date: 08/07/2019

### NOTICE FOR FE & M.TECH

All the students and faculty members are hereby informed that following will be the academic schedule for Part – I of academic year 2019-2020.

Sr. No.	Event/Activity	Date	Time
1	Classes starts for 1 <sup>st</sup> Yr. (B. Tech & M. Tech)	01/08/2019	10:00 am
2	Flag Hoisting (Independence Day)	15/08/2019	08:00 am
3	Flag Hoisting (Dr. BAMU Foundation Day)	23/08/2019	09:30 am
4	Class Representative Meeting in Hall No. 118	31/08/2019	04:15 pm
5	Display of 1 <sup>st</sup> defaulter list for FE	03/09/2019	03:30 pm
6	First Class Test for 1 <sup>st</sup> Yr. (B. Tech & M. Tech)	04,05,06 & 07/09/2019	10:00 am onwards
7	Flag Hoisting (Marathwada Mukti Sangram Din)	17/09/2019	08:00 am
8	Inter department and intercollegiate sports & Co- Curricular activities	16/09/19 to 25/09/2019	10:00 am onwards
9	Class Representative Meeting in Hall No. 118	30/09/2019	04:15 pm
10	Mid Semester Examinations for 1 <sup>st</sup> Yr.( B. Tech & M. Tech)	03/10/19 to 07/10/2019	10:00 am onwards
11	Dipawali Holidays	24/10/2019 to 30/10/2019	.....
12	Second Class Test for 1 <sup>st</sup> Yr. B. Tech & M. Tech	13,14,15 & 16/11/2019	10:00 am onwards
13	Term End for 1 <sup>st</sup> Yr. B. Tech & M. Tech	18/11/2019	05:30 pm
14	Oral / Practical Examination for 1 <sup>st</sup> Yr. B. Tech & M. Tech	20/11/2019 to 25/11/2019	10:00 am -05:30 pm
15	University Theory Exam Starts for 1 <sup>st</sup> Yr. B. Tech & M. Tech	03/12/2019	10:00 am
16	Theory Exam Ends for 1 <sup>st</sup> Yr. B. Tech & M. Tech	12/12/2019	05:00 pm
17	Start of Next Academic Session 2020-2021	01/01/2020	10:00 am

- Attendance above 90% is essential in theory and practical separately.
- Students having attendance below 75% in theory as well as in practical will not be allowed to appear in the class test and final examination.

  
Principal

CC to: 1) All HOD's  
2) Notice Board



**NOTICE FOR SE & TE**

All the students and faculty members are hereby informed that following will be the academic schedule for Part – I of academic year 2019-2020.

Sr. No.	Event/Activity	Date	Time
1	Term Start	10/07/2019	10:00 am
2	Class Representative Meeting in Hall No. 118	31/07/2019	04:15 pm
3	Display of 1 <sup>st</sup> defaulter list for SE, TE	31/07/2019	03:30 pm
4	First Class Test for SE & TE	02, 03, 05 & 06/08/19	10:30 am-11:30 am
5	Remedial Examination for SE	13/08 to 17/08/2019	10:00 am onwards
6	Flag Hoisting (Independence Day)	15/08/2019	08:00 am
7	Flag Hoisting (Dr. BAMU Foundation Day)	23/08/2019	09:30 am
8	Class Representative Meeting in Hall No. 118	31/08/2019	04:15 pm
9	Mid Semester Examinations for SE & TE	09/09 to 13/09/2019	10:00 am onwards
10	Flag Hoisting (Marathwada Mukti Sangram Din)	17/09/2019	08:00 am
11	Inter department and intercollegiate sports & Co- Curricular activities	16/09 to 25/09/2019	10:00 am onwards
12	Class Representative Meeting in Hall No. 118	30/09/2019	04:15 pm
13	Display of 2 <sup>nd</sup> defaulter list for SE & TE	01/10/2019	03:30 pm
14	Second Class Test for SE & TE	03, 04, 05 & 07/10/2019	10:00 am onwards
15	Display of final defaulter list for SE & TE	23/10/2019	03:30 pm
16	Dipawali Holidays	24/10/2019 to 30/10/2019	.....
17	Preliminary Examination for SE & TE	01/11 to 06/11/2019	10:30am to 01:30pm
18	Term End for SE & TE	08/11/2019	05:30 pm
19	Term work Submission for SE & TE	07/11 to 08/11/2019	10:00 am -05:30 pm
20	Oral / Practical Examination for SE & TE	11/11 to 16/11/2019	10:00 am-05:30 pm
21	University Theory Exam Starts for SE & TE	19/11 to 30/11/2019	10:00 am
22	Start of Next Academic Session 2020-2021	01/01/2020	10:00 am

- Attendance above 90% is essential in theory and practical separately.
- Students having attendance below 75% in theory as well as in practical will not be allowed to appear in the class test and final examination.

  
Principal

CC to: 1) All HOD's  
2) Notice Board



### NOTICE FOR BE

All the students and faculty members are hereby informed that following will be the academic schedule for Part – I of academic year 2019-2020.

Sr. No.	Event/Activity	Date	Time
1	Term Start	10/07/2019	10:00 am
2	Class Representative Meeting in Hall No. 118	31/07/2019	04:15 pm
3	Display of 1 <sup>st</sup> defaulter list for BE	01/08/2019	03:30 pm
4	First Class Test for BE	02, 03 & 05/08/19	10:30-11:30 am & 01:30-02:30 pm
5	Flag Hoisting (Independence Day)	15/08/2019	08:00 am
6	Flag Hoisting (University Foundation Day)	23/08/2019	09:30 am
7	Class Representative Meeting in Hall No. 118	31/08/2019	04:15 pm
8	Display of 2 <sup>nd</sup> defaulter list for BE	12/09/2019	03:30 pm
9	Second Class Test for BE	13, 14 & 16/09/2019	10:30-11:30 am & 01:30-02:30 pm
10	Flag Hoisting (Marathwada Mukti Sangram Din)	17/09/2019	08:00 am
11	Class Representative Meeting in Hall No. 118	30/09/2019	04:15 pm
12	Display of final defaulter list for BE	12/10/2019	03:30 pm
13	Preliminary Examination for BE	14, 15, 16, 17 & 18/10/2019	10:30 to 01:30pm
14	Term End for BE	19/10/2019	05:30 pm
15	Term work Submission for BE	21/10/2019 to 23/10/2019	10:00 am -05:30 pm
16	Dipawali Holidays	24/10/2019 to 30/10/2019	.....
17	Oral / Practical Examination for BE	01/11/2019 to 11/11/2019	10:00 am -05:30 pm
18	University Theory Exam Starts for BE	18/11/2019	10:00 am
19	Theory Exam End for BE	14/12/2019	05:00 pm
20	Start of Next Academic Session 2020-2021	01/01/2020	10:00 am

- Attendance above 90% is essential in theory and practical separately.
- Students having attendance below 75% in theory as well as in practical will not be allowed to appear in the class test and final examination.

  
Principal

CC to: 1) All HOD's  
2) Notice Board













**SHREEYASH COLLEGE OF ENGINEERING AND TECHNOLOGY, ANANTNAGAR**  
**ACADEMIC CALENDER (BE) PART-I (ACADEMIC YEAR: 2019 - 2020)**



DATE MONTH	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
JULY 2019							SUN			TERM START			THEORY CLASSES AND PRACTICALS	SUN			THEORY CLASSES AND PRACTICALS				SUN			THEORY CLASSES AND PRACTICALS				SUN		THEORY CLASSES AND PRACTICALS	
AUG 2019	DISPLAY OF 1 <sup>st</sup> DEFAULTER	CT - I, UPTO 03:15 PM AFTER REG. TH & PR CLASS	CT - I, UPTO 03:15 PM AFTER REG. TH & PR CLASS	SUN	CT - I, UPTO 03:15 PM AFTER REG. TH & PR CLASS			THEORY CLASSES AND PRACTICALS	SUN		HOLIDAY OF BAKRIEID		THEORY CLASSES AND PRACTICALS & CULTURAL EVENT	INDEPENDENCE DAY FLAG HOIST AT 08:00 AM		THEORY CLASSES AND PRACTICALS	SUN				THEORY CLASSES AND PRACTICALS	FLAG HOIST AT 09:30 AM IN MARATHWADA MUKTI SANGRAM DIN	THEORY CLASSES AND PRACTICALS	SUN				THEORY CLASSES AND PRACTICALS			
SEP 2019	SUN							THEORY CLASSES AND PRACTICALS	SUN		THEORY CLASSES AND PRACTICALS	DISPLAY OF 2 <sup>nd</sup> DEFAULTER	HOLIDAY OF ANANT CHATURTHI	CT - II, UPTO 03:15 PM AFTER REG. TH & PR CLASS	CT - II, UPTO 03:15 PM AFTER REG. TH & PR CLASS	SUN	CT - II, UPTO 03:15 PM AFTER REG. TH & PR CLASS	MARATH WADA MUKTI SANGRAM DIN FLAG HOIST AT 09:30 AM				THEORY CLASSES AND PRACTICALS	SUN				THEORY CLASSES AND PRACTICALS	SUN		TERM MEETING & REG. TH & PR CLASS	
OCT 2019						THEORY CLASSES AND PRACTICALS	SUN	THEORY CLASSES AND PRACTICALS	HOLIDAY OF ANANT CHATURTHI		THEORY CLASSES AND PRACTICALS	DISPLAY OF FINAL DEFAULTER	SUN	PRELIMINARY EXAMINATION	PRELIMINARY EXAMINATION	PRELIMINARY EXAMINATION	PRELIMINARY EXAMINATION	PRELIMINARY EXAMINATION	PRELIMINARY EXAMINATION	TERM END OF SE - BE	SUN			BE TERM WORK SUBMISSION			DIPAWALI HOLIDAYS	SUN		DIPAWALI HOLIDAYS	BE TERM WORK SUBMISSION
NOV 2019	BE PRACTICAL/ORAL EXAMINATION	SUN				BE PRACTICAL/ORAL EXAMINATION	SUN			BE PRACTICAL/ORAL EXAMINATION					SUN									THEORY EXAM OF BE	SUN				THEORY EXAM OF BE		
DEC 2019	SUN							THEORY EXAM OF BE	SUN						SUN													SUN			

NOTE: HOD MEETING ON EVERY MONDAY AT 03:30 PM  
 CLASS REPRESENTATIVE MEETING (CRM) AT 04:15 PM.  
 TIME OF CLASS TEST IS SCHEDULED AT 10:30 AM AND 01:30 PM TO 02:30 PM AFTER THAT THE REGULAR CLASSES WILL BE RUN AS PER TIME TABLE.

FLAG HOISTING:  
 ON 15/08/2019 AT 08:00 AM (INDEPENDENCE DAY)  
 ON 23/08/2019 AT 09:30 AM (Dr. BAMU UNIVERSITY FOUNDATION DAY)  
 ON 17/09/2019 AT 08:00 AM (MARATHWADA MUKTI SANGRAM DIN)

HOLIDAYS	
12/08/2019	BAKRIEID
15/08/2019	INDEPENDENCE DAY
12/09/2019	ANANT CHATURTHI
08/10/2019	VIJAYA DASHAMI
17/09/2019	MARATHWADA MUKTI SANGRAM DIN

CANCELLED HOLIDAYS	
17/08/2019	PATETI
23/08/2019	BAMU UNIVERSITY FOUNDATION DAY
02/09/2019	SHRI GANESH CHATURTHI
10/09/2019	MOHRAM
02/10/2019	MAHATMA GANDHI JAYANTI

DISPLAY OF DEFAULTER LIST			
	FROM	TO	DISPLAY ON
1 <sup>ST</sup> DEFAULTER	10/07/2019	01/08/2019	01/08/2019
1 <sup>ND</sup> DEFAULTER	10/07/2019	12/09/2019	12/09/2019
FINAL DEFAULTER	10/07/2019	12/10/2019	12/10/2019

CLASS TEST SCHEDULE	
I <sup>st</sup> CT	II <sup>nd</sup> CT
02/08/2019	13/09/2019
03/08/2019	14/09/2019
05/08/2019	16/09/2019

*D. G. Rao*  
 PREPARED BY

*D. G. Rao*  
 APPROVED BY





Shreeyash Pratishthan's

Shreeyash College of Engineering and Technology, Aurangabad

Date: 11/01/2018

**NOTICE**

All the students and faculty members are hereby informed that following will be the academic schedule for Part – II of academic year 2017-18.

Sr.	Event/Activity	Date	Time
1	Term Start	09/01/2018	10.00 am
2	Display of 1 <sup>st</sup> defaulter list	23/01/2018	03:30 pm
3	First Class Test	25/01, 27/01, and 29/01/2018	10:15 – 11:15 am and 01.00 – 02.00 pm
4	Flag Hoisting (Republic Day)	26/01/2018	08.00 am
5	Class Representative Meeting in Hall No. 118	30/01/2018	04.15 pm
6	Display of 2 <sup>nd</sup> defaulter list	16/02/2018	03:30 pm
7	Second Class Test	20/02, 24/02, and 26/02/2018	10:15 – 11:15 am and 01.00 – 02.00 pm
8	Class Representative Meeting in Hall No. 118	23/02/2018	04.15 pm
9	Display of 3 <sup>rd</sup> defaulter list	22/03/2018	03:30 pm
10	Third Class Test	24/03, 26/03, and 31/03/2018	10:15 – 11:15 am and 01.00 – 02.00 pm
11	Class Representative Meeting in Hall No. 118	30/03/2018	04.15 pm
12	Display of Final Defaulter List	04/04/2018	03:30 pm
13	Term work Submission For SE To BE	05/04/2018 To 07/04/2018	---
14	Term End for SE to BE	09/04/2018	---
15	Term End for FE B.Tech and M.Tech	13/04/2018	---

- Attendance above 90% is essential in theory and practical separately.
- Students having attendance below 75% in theory as well as in practical will not be allowed to appear in the class test and final examination.
- Tentative schedule of Mid Sem Examination for FE B.Tech and M.Tech will be on 01/03/2018 to 05/03/2018.
- Tentative schedule of Remedial Examination for FE B.Tech and M.Tech will be on 06/03/2018 to 13/03/2018.

  
Principal

CC to: 1) All HOD's  
2) Notice Board





## SHREEYASH COLLEGE OF ENGINEERING AND TECHNOLOGY, AURANGABAD

### ACADEMIC CALENDAR PART-I (ACADEMIC YEAR: 2017-2018)

MONTH	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
15		SUN	TERM START	REGULAR THEORY AND PRACTICAL CLASSES					SUN	REGULAR THEORY AND PRACTICAL CLASSES					SUN	REGULAR THEORY AND PRACTICAL CLASSES					SUN	REGULAR THEORY AND PRACTICAL CLASSES					CONV MEETING & REG. TH & PR. CLASS	REG. TH & PR. CLASS	SUN	REG. TH & PR. CLASS	
16	REGULAR THEORY AND PRACTICAL CLASSES			CT-1 UPTO 01:00 PM AFTER REG. TH & PR. CLASS	SUN	CT-1 UPTO 02:30 PM AFTER REG. TH & PR. CLASS	CT-1 UPTO 11:15 AM AFTER REG. TH & PR. CLASS	REGULAR THEORY AND PRACTICAL CLASSES		SUN	REG. TH & PR. CLASS	HOLIDAY INDEPENDENCE DAY, FLAG HOISTING AT 06:30 AM	REGULAR THEORY AND PRACTICAL CLASSES			SUN	REGULAR THEORY AND PRACTICAL CLASSES	UNIVERSITY FOUNDATION DAY & REG. TH & PR. CLASS	CONV MEETING & REG. TH & PR. CLASS	HOLIDAY GANESH CHATURTHI	REG. TH & PR. CLASS	SUN	REGULAR THEORY AND PRACTICAL CLASSES								
17	REG. TH & PR. CLASS	HOLIDAY KANAKA DASHAMI	SUN	REG. TH & PR. CLASS	HOLIDAY KANAKA DASHAMI	CT-1 UPTO 01:00 PM AFTER REG. TH & PR. CLASS	CT-1 UPTO 02:30 PM AFTER REG. TH & PR. CLASS	CT-1 UPTO 11:15 AM AFTER REG. TH & PR. CLASS	REG. TH & PR. CLASS	SUN	REGULAR THEORY AND PRACTICAL CLASSES					SUN	REGULAR THEORY AND PRACTICAL CLASSES					SUN	REGULAR THEORY AND PRACTICAL CLASSES					CONV MEETING & REG. TH & PR. CLASS	HOLIDAY VASKA SHRADDHA		
18	SUN	REGULAR THEORY AND PRACTICAL CLASSES					CT-1 UPTO 01:00 PM AFTER REG. TH & PR. CLASS	SUN	CT-1 UPTO 01:00 PM AFTER REG. TH & PR. CLASS	CT-1 UPTO 11:15 AM AFTER REG. TH & PR. CLASS	REGULAR THEORY AND PRACTICAL CLASSES					TERM END OF SE TO BE	SUN	DIPAWALI HOLIDAYS					SUN	TERM WORK SUBMISSION					SUN	UNIVERSITY ORAL / PRACTICAL EXAM	
19	UNIVERSITY ORAL / PRACTICAL EXAM			SUN	TERM END OF SE & ME	UNIVERSITY ORAL / PRACTICAL EXAM			SUN	UNIVERSITY THEORY EXAM					SUN	UNIVERSITY THEORY EXAM					SUN	UNIVERSITY THEORY EXAM									
20	UNIVERSITY THEORY EXAM	SUN						SUN						SUN	PART II TERM START					SUN						SUN					

100: HOOD MEETING ON EVERY MONDAY AT 01:30 PM

CLASS REPRESENTATIVE MEETING (CRM) ON LAST FRIDAY OF EVERY MONTH AT 03:30 PM.

FLAG HOISTING: ON 15/08/2017 AT 06:30 AM (INDEPENDENCE DAY)

ON 13/09/2017 AT 09:30 AM (UNIVERSITY FOUNDATION DAY)

ON 17/09/2017 AT 09:30 AM (MARAATHI WADA MUKTI SANGRAM DIN)

HOLIDAYS	
15/08/2017	INDEPENDENCE DAY
13/09/2017	SHREE KANAKA DASHAMI
17/09/2017	SHREE GANESH
01/10/2017	SHREE CHATURMAS
05/10/2017	SHREE CHATURMAS
08/10/2017	VASKA SHRADDHA

CANCELLED HOLIDAYS	
17/08/2017	(FATEH)
25/08/2017	UNIVERSITY FOUNDATION DAY
02/10/2017	SHREE KANAKA DASHAMI

DEFAULTER LIST UPTO	DATE OF DISPLAY
1ST DEFAULTER UPTO 02/08/2017	03/08/2017
2ND DEFAULTER UPTO 01/09/2017	04/09/2017 (CUMULATIVE)
3RD DEFAULTER UPTO 04/10/2017	05/10/2017 (CUMULATIVE)
FINAL DEFAULTER UPTO 13/10/2017	14/10/2017 (CUMULATIVE)

CLASS TEST SCHEDULE		
1st CT	2nd CT	3rd CT
05/08/17	06/09/17	07/10/17
07/09/17	07/09/17	09/10/17
08/10/17	08/09/17	10/10/17

REGISTRAR

PRINCIPAL





Date: 09/07/2018

**NOTICE**

All the students and faculty members are hereby informed that following will be the academic schedule for Part – I of academic year 2018-19.

Sr. No.	Event/Activity	Date	Time
1	Term Start	09/07/2018	10:00 am
2	Class Representative Meeting in Hall No. 118	31/07/2018	04:15 pm
3	Display of 1 <sup>st</sup> defaulter list	01/08/2018	03:30 pm
4	First Class Test	03, 04 & 06/08/2018	10:30-11:30 am & 01:30-02:30 pm
5	Flag Hoisting (Independence Day)	15/08/2018	08:00 am
6	Flag Hoisting (Dr. BAMU University Foundation Day)	23/08/2018	09:30 am
7	Class Representative Meeting in Hall No. 118	24/08/2018	04:15 pm
8	Display of 2 <sup>nd</sup> defaulter list	30/08/2018	03:30 pm
9	Second Class Test	01, 03 & 08/09/2018	10:30-11:30 am & 01:30-02:30 pm
10	Flag Hoisting (Marathwada Mukti Sangram Din)	17/09/2018	08:00 am
11	Class Representative Meeting in Hall No. 118	28/09/2018	04:15 pm
12	Display of 3 <sup>rd</sup> defaulter list	29/09/2018	03:30 pm
13	Third Class Test	01, 05 & 06/10/2018	10:30-11:30 am & 01:30-02:30 pm
14	Display of final defaulter list	16/10/2018	03:30 pm
15	Term End for SE to BE	20/10/2018	05:30 pm
16	Preliminary Examination	17, 20, 22, 24 & 25/10/2018	10:30 to 01:30pm
17	Term work Submission for SE to BE	26/10/2018 to 27/10/2018	.....
18	Term End for FE B.Tech and M. Tech	30/11/2018	05:30 pm
19	Dipawali Holidays	05/11/2018 to 10/11/2018	---
20	Oral / Practical Examination for SE to BE	05/11/2018 to 15/11/2018	---
21	Oral/Practical Examination for FE and M. Tech	03/12/2018 to 08/12/2018	---
22	University Theory Exam Starts	19/11/2018	10:00 am
23	Theory Exam End	15/12/2018	05:00 pm
24	Start of Next Academic Session 2018-19	01/01/2019	10:00 am

- Attendance above 90% is essential in theory and practical separately.
- Students having attendance below 75% in theory as well as in practical will not be allowed to appear in the class test and final examination.
- Tentative schedule of Mid Semester Examination for FE & SE B.Tech and M.Tech will be on 03/09/2018 to 08/09/2018.


  
Principal

CC to: 1) All HOD's ✓  
2) Notice Board

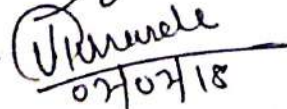
fe — f 1st

Civil — 

Mech — 

GE — 

CSC — 

ETC —   
07/07/18





# SHREEYASH COLLEGE OF ENGINEERING AND TECHNOLOGY, AUNANGABAD

## ACADEMIC CALENDER PART-I (ACADEMIC YEAR: 2018 - 2019)



DATE MONTH	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
JULY 2018	SUN							SUN	TERM START	THEORY CLASSES AND PRACTICALS					SUN	THEORY CLASSES AND PRACTICALS					SUN	THEORY CLASSES AND PRACTICALS					SUN	TH. CLASSES AND PRACT.		CRM MEETING & REG. TH & PR. CLASS	
AUG 2018	THEORY CLASSES AND PRACTICALS		CT - I, UPTO 03:15 PM AFTER REG. TH & PR. CLASS	CT - I, UPTO 03:15 PM AFTER REG. TH & PR. CLASS	SUN	CT - I, UPTO 11:15 AM AFTER REG. TH & PR. CLASS	THEORY CLASSES AND PRACTICALS				SUN	THEORY CLASSES AND PRACTICALS	INDEPENDENCE DAY FLAG HOIST AT 08:00 AM	THEORY CLASSES AND PRACTICALS		SUN	TH. CLASSES AND PRACT.	HOLIDAY BAKRI EID	FLAG HOIST AT 09:00 AM, TH. CLASSES & PRACT.	CRM MEETING & REG. TH & PR. CLASS	TH. CLASSES AND PRACT.	SUN	TH. CLASSES AND PRACT.								
SEPT 2018	CT - II, UPTO 03:15 PM AFTER REG. TH & PR. CLASS	SUN	CT - II, UPTO 03:15 PM AFTER REG. TH & PR. CLASS	THEORY CLASSES AND PRACTICALS				CT - II, UPTO 11:15 AM AFTER REG. TH & PR. CLASS	SUN	THEORY CLASSES AND PRACTICALS		HOLIDAY SHREE GANESH CHATURDASHI	THEORY CLASSES AND PRACTICALS	SUN	FLAG HOIST MARATH WADA MUKTI SANGRAM DIN AT 08:00 AM	THEORY CLASSES AND PRACTICALS					SUN	THEORY CLASSES AND PRACTICALS			CRM MEETING & REG. TH & PR. CLASS	TH. CLASSES AND PRACT.	SUN				
OCT 2018	CT - III, UPTO 03:15 PM AFTER REG. TH & PR. CLASS	TH. CLASSES AND PRACT.		CT - III, UPTO 03:15 PM AFTER REG. TH & PR. CLASS	CT - III, UPTO 11:15 AM AFTER REG. TH & PR. CLASS	SUN	THEORY CLASSES AND PRACTICALS				SUN	THEORY CLASSES AND PRACTICALS	PRELIMINARY EXAMINATION	HOLIDAY VIJAYA DASHAMI	TERM END OF SE - BE & PRE. EXAM.	SUN	PRELIMINARY EXAMINATION	PRELIMINARY EXAMINATION	PRELIMINARY EXAMINATION	SE TO BE SUBMISSION	SUN										
NOV 2018		SUN	DIPAWALI VACATION				SUN	TE AND BE PRACTICAL/ORAL EXAMINATION				SUN	THEORY EXAM (TE TO BE)					SUN	THEORY EXAM (TE TO BE)												
DEC 2018	THEORY EXAM (TE TO BE)	SUN	THEORY EXAM (TE TO BE)				SUN	THEORY EXAM (TE TO BE)				SUN						SUN													

NOTE: HOD MEETING ON EVERY MONDAY AT 03:30 PM

CLASS REPRESENTATIVE MEETING (CRM) AT 04:15 PM.

TIME OF CLASS TEST IS SCHEDULED AT 10:30 AM TO 11:30 AM AND 01:30 PM TO 02:30 PM AFTER THAT THE REGULAR CLASSES WILL BE RUN AS PER TIME TABLE.

FLAG HOISTING: ON 15/08/2018 AT 08:00 AM (INDEPENDENCE DAY)

ON 23/08/2018 AT 09:30 AM (UNIVERSITY FOUND. DAY)

ON 17/09/2018 AT 08:00 AM (MARATHWADI MUKTI SANGRAM DIN)

HOLIDAYS	
15/08/2018	INDEPENDENCE DAY
22/08/2018	BAKRI EID
13/09/2018	SHRI LAXMI CHATURTHI
17/09/2018	MARATHWADI MUKTI SANGRAM DIN
18/10/2018	VIJAYA DASHAMI

CANCELLED HOLIDAYS	
01/08/2018	ANNA BAHUSATHE JAYANTI
17/08/2018	FATEHI
23/08/2018	UNIVERSITY FOUNDATION DAY
29/09/2018	MOHURAM
01/10/2018	MAHATMA GANDHI JAYANTI

DISPLAY OF DEFAULTER LIST			
	FROM	TO	DISPLAY ON
1ST DEFAULTER	09/07/2018	31/07/2018	01/08/2018
2ND DEFAULTER	09/07/2018	29/08/2018	30/08/2018
3RD DEFAULTER	09/07/2018	28/09/2018	29/09/2018
FINAL DEFAULTER	09/07/2018	15/10/2018	16/10/2018

CLASS TEST SCHEDULE		
I st CT	II nd CT	III rd CT
03/08/2018	01/09/2018	01/10/2018
04/08/2018	03/09/2018	05/10/2018
06/08/2018	08/09/2018	06/10/2018

PREPARED BY

PRINCIPAL







**SHREEYAS COLLEGE OF ENGINEERING AND TECHNOLOGY, BANGALURU**  
**ACADEMIC CALENDAR PART-II (ACADEMIC YEAR: 2018 - 2019)**



DATE MONTH	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	
JAN 2019						SUN							SUN	TERM START																	
FEB 2019	THEORY CLASSES AND PRACTICALS	SUN	THEORY CLASSES AND PRACTICALS				CT-I, UPTO 03:15 PM AFTER REG. TH & PR CLASS	CT-I, UPTO 03:15 PM AFTER REG. TH & PR CLASS	CT-I, UPTO 03:15 PM AFTER REG. TH & PR CLASS	SUN	THEORY CLASSES AND PRACTICALS	THEORY CLASSES AND PRACTICALS & CULTURAL EVENT (GATHERING)	SUN	CULTURAL EVENT (GATHERING)	HOLIDAY CHATRAPATI SHIVAJI MAHARAJ JAYANTI	CULTURAL EVENT (GATHERING)	THEORY CLASSES AND PRACTICALS	SUN	THEORY CLASSES AND PRACTICALS	REPUBLIC DAY FLAG HOIST AT 08:00 AM	SUN	THEORY CLASSES AND PRACTICALS	REMEDIAL EXAM	CRM MEETING & REG. TH & PR CLASS							
MAR 2019	THEORY CLASSES & PRACTICE & REMEDIAL EXAM	SUN	HOLIDAY MAHASHIVRATRI	CT-II, UPTO 03:15 PM AFTER REG. TH & PR CLASS	THEORY CLASSES AND PRACTICALS		CT-II, UPTO 03:15 PM AFTER REG. TH & PR CLASS	CT-II, UPTO 03:15 PM AFTER REG. TH & PR CLASS	THEORY CLASSES AND PRACTICALS	SUN	THEORY CLASSES AND PRACTICALS & MID SEM EXAM	SUN	THEORY CLASSES AND PRACTICALS	HOLIDAY DHULIVANDAN	THEORY CLASSES AND PRACTICALS	SUN	THEORY CLASSES AND PRACTICALS & INTERNAL ACADEMIC MONITORING	CRM MEETING & REG. TH & PR CLASS	SUN												
APR 2019	THEORY CLASSES AND PRACTICE & EXTERNAL ACADEMIC MONITORING			HOLIDAY GOOD FRIDAY	SUN	THEORY CLASSES AND PRACTICALS	SUN	THEORY CLASSES AND PRACTICALS	SUN	THEORY CLASSES AND PRACTICALS	SUN	THEORY CLASSES AND PRACTICALS	SUN	PRELIMINARY EXAMINATION	PRELIMINARY EXAMINATION	PRELIMINARY EXAMINATION	PRELIMINARY EXAMINATION	TERM END OF SEMESTER	TERM WORK SUBMISSION	SUN	FE AND SE PRACTICAL/ORAL EXAMINATION										
MAY 2019	MAHARASHTRA DIN FLAG HOIST AT 08:00 AM	FE AND SE PRACTICAL/ORAL EXAMINATION	SUN	THEORY EXAM (FE TO SE)	SUN	THEORY EXAM (FE TO SE)	SUN	THEORY EXAM (FE TO SE)	SUN	THEORY EXAM (FE TO SE)	SUN	THEORY EXAM (FE TO SE)	SUN	THEORY EXAM (FE TO SE)	SUN	THEORY EXAM (FE TO SE)	SUN	THEORY EXAM (FE TO SE)													
JUN 2019	SUN						SUN						SUN																		

NOTE: HOD MEETING ON EVERY MONDAY AT 03:30 PM

CLASS REPRESENTATIVE MEETING (CRM) AT 04:15 PM.

TIME OF CLASS TEST IS SCHEDULED AT 10:30 AM TO 11:30 AM AND 01:30 PM TO 02:30 PM AFTER THAT THE REGULAR CLASSES WILL BE RUN AS PER TIME TABLE.

FLAG HOISTING: ON 26/01/2019 AT 08:00 AM (REPUBLIC DAY)

ON 01/05/2019 AT 08:00 AM (MAHARASHTRA DIN)

HOLIDAYS	
26/01/2019	REPUBLIC DAY
19/02/2019	CHATRAPATI SHIVAJI MAHARAJ JAYANTI
04/03/2019	MAHASHIVRATRI
21/03/2019	DHULIVANDAN
22/03/2019	HOLIDAY
06/04/2019	GOOD FRIDAY

CANCELLED HOLIDAYS	
14/01/2019	NAMVISTAR DIN
28/02/2019	VIDNYAN DIN
11/04/2019	MAHATMA JYOTIBA PHULE JAYANTI
19/04/2019	GOOD FRIDAY

DISPLAY OF DEFAULTER LIST			
	FROM	TO	DISPLAY ON
1ST DEFAULTER	14/01/2019	02/02/2019	04/02/2019
2ND DEFAULTER	14/01/2019	01/03/2019	02/03/2019
FINAL DEFAULTER	14/01/2019	19/04/2019	19/04/2019

CLASS TEST SCHEDULE	
1st CT	2nd CT
07/02/2019	05/03/2019
08/02/2019	07/03/2019
09/02/2019	08/03/2019

PREPARED BY

PRINCIPAL



SHREEYASH PRATISHTHAN'S  
**SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY**  
SataraParisar, Beed By-Pass Road, Aurangabad -431010 (M.S.)  
NAAC Accredited, ISO Certified Institute  
Visit Us at: [www.sycet.org](http://www.sycet.org)  
**2.5 EVALUATION PROCESS AND REFORMS**



## **INTERNAL ASSESSMENT THROUGH TEST**

**1] CLASS TEST**

**Shreeyash College of Engineering & Technology**

**INTERNAL EXAMINATION- OCTOBER 2018**

**MBA-FIRST YEAR**

**SUBJECT: - Environment Management**

Time- 1 hr

Marks- 20

Instructions: (i) All questions are compulsory.  
(ii) Answer any two questions from Q.2 to Q.4

Q.1 Answer the following objective questions:-

(10 Marks)

- 1) Ecology deals with study:-
  - a. Living beans
  - b. Living and non living components
  - c. Relationship between living and non living components
  - d. Environment
- 2) energy system in ecosystem is
  - a. Unidirectional
  - b. bidirectional
  - c. Multidirectional
  - d. Non of the above
- 3) An eco system must have continues source of?
  - a. minaral
  - b. enargey
  - c. food
  - d. all of the above
- 4) acid rain contain ?
  - a.sal.üric acid
  - b.nitric acid
  - c. booth a and b
  - d.All of the above
- 5)Air pollution is sever in
  - a. cities
  - b.i ndustrial area
  - c. dencity of populated area
  - d. all of these

Q.2) When is ozone considered a pollutant?

(5Marks)

Q.3) What is The greenhouse effect is a result of

(5Marks)

Q.4) What are the types of pollution?

(5Marks)





Name: Sanjivane Anuradha Patil

64  
20

Course: MCA 3 semester

Subject: Environment Management

Roll No. 1710118

Marks Obtained:  
Out of 20/50/100

Signature of  
Invigilator

Signature of  
Examiner

Patil

Q. No.	1	2	3	4	5	6	7	8	9	10	TOTAL
Marks											

Q2] =>

Ozone :-

Ozone is a covalent molecule consisting of three oxygen atoms. It exists naturally in part of the atmosphere near the surface in other parts of the atmosphere it is considered a pollutant.

Considered :-

Ozone is considered a pollutant when it is the meaning populated by the considered a pollutant considered ozone atmosphere where we live ozone in the stratosphere which is the layer and troposphere. It's natural it from the sun. Near the surfaces and the ozone atmosphere. considered a pollutant considered ozone atmosphere ozone in the layers.

Pollution generated by burning fossil fuels and most and sunlight ground level ozone is a pollutant because it affects breathing and vegetation.

The main ingredient of smog is ground ozone.

ozone considered a pollutant → TOPIC :-

pollution generated by fossil fuels and most and sunlight ground level ozone is a pollutant.



Q 4] →

The types of pollution

1) Air Pollution

2) water Pollution

3) Soil Pollution

4) Noise Pollution

5) ~~Radioactive~~ . Pollution

6) Light Pollution

7) Thermal Pollution

8) visual Pollution

\* Type of Pollution

There are eight

Types of pollution.

Air pollution, water pollution

Soil Pollution Noise pollution

~~Radioactive~~ pollution Light

pollution Thermal pollution

Visual pollution.

Everyone has heard

the term pollution consistently

either in school or occasional

or random pamphlets with

the global pollution can

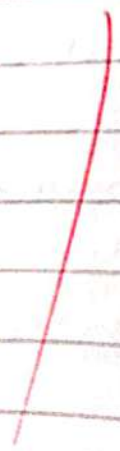
take any form including

chemical substance by the

scientific community.

93] => the greenhouse effect,

earth's atmosphere is constantly changing over the past 100 years the average global temperature has risen significantly which are some of the plausible cause.







SHREYASH PRATISHTHAN'S  
**Shreyash College of Engineering & Technology**  
 (An ISO 9001 : 2008 Certified Institute)

PROGRESSIVE TEST ANSWER SHEET

Name : Gayatri Satish Sangmuley

24  
26

Course : MBA 1<sup>st</sup> sem

Subject : Environment management Roll No. 10123

Marks Obtained :  
Out of 20/50/100

Signature of  
Invigilator

Signature of  
Examiner

Q. No.	1	2	3	4	5	6	7	8	9	10	TOTAL
Marks											

Q. 1) Answer the following objective questions:-

1) Ecology deals with study of Environment - 0/10

2) Ans:- non of the above X

3) Ans:- (d) All of the above ✓

4) Ans:- (a) sulfuric Acid ✓

5) Ans:- (d) all of these ✓



Q. 3. What is the green house effect is a result of

Ans:- The green house is very helpful of environment because mostly rainy session day empty about pollution, cutting the plant it is very difficult problem and that's suffering environment and many more expect water then green houses are created very more and that is most important part of environment.

3 Green house is very helpful for ground heating for it is very cold for green house and green house is looking very nice and it is helpful for rains, and it is very important part of everybody's life.

green house is effect for everybody's life and environment so, it is very useful thing for saving water and cold ground and it is very helpful thing and green house effect and result very nice and positive.



Q.4) What are the types of pollution?

Ans:- pollution is a very difficult problem of environment and it is very heavy problem. there are very types of pollution.

① Air pollution :-)

Air pollution is the one of the most pollution in environment and it is Industrial area is there mostly available. And that is very patient suffering from allergic problems. So, it is a big pollution type.

② Sound pollution :-)

Sound pollution is one of the critical problem. many persons are victims of sound pollution so, it is very large sound.

③ Water pollution :-)

Ans:- water pollution is very difficult pollution and then many rivers are suffering many problems. So water pollution is one of the most dangerous pollution.



1/ It is various types of pollution and it is very dangerous and it is for environment suffering. So there are very part types are pollution for environment available.

Q.2) When is ozone considered a pollutant?

Ans:- Ozone is very dangerous of pollution and it is raise very dangerous and effect deeply about skin and there are result is very huge. plenty peoples are victim for ozone raise and it is very hard raise then directly effect for everybody's skin. and very directly it is effective and there are very difficult problem for environment and it is very rayed problem and that raise is very deeply effect for skin so ozone is considered a pollutant and it is very dangerous for everybody and environment.



SHREEYASH PRATISHTHAN

Subject:-M-I

Class: FE-I,FE-II

SHREEYASH PRATISHTHAN'S  
Shreeyash Technical Campus  
SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY, AURANGABAD  
First Year Engineering Department

Class Test-II  
Maximum Mark- 10

Date:30/09/2019  
Time- 1hour

STC/PR11/7/31



Q1. Solve Any Two

(6)

- 1) If  $u = 3x^2yz + 5xy^2z + 4z^4$  then find degree of  $u$
- 2) Evaluate  $\frac{\partial z}{\partial x}, \frac{\partial z}{\partial y}$  if  $z = \log(x^2 + y^2)$
- 3) If  $u = \sin^{-1} \frac{x+y}{\sqrt{x} + \sqrt{y}}$  then Prove that  $x \frac{\partial u}{\partial x} + y \frac{\partial u}{\partial y} = \frac{1}{2} \tan u$

Q2. Solve Any One

(4)

- 1) If  $z = u^2 + v^2$  where  $u = at^2, v = 2at$  Find  $\frac{dz}{dt}$
- 2) If  $z = \log(x^2 + xy + y^2)$  Show that  $x \frac{\partial z}{\partial x} + y \frac{\partial z}{\partial y} = 2$
- 3) If  $u = \log(\tan x + \tan y)$  then prove that  $\sin 2x \left( \frac{\partial u}{\partial x} \right) + \sin 2y \left( \frac{\partial u}{\partial y} \right) = 2$





SHREEYASH PRATISITHTAN'S  
Shreeyash Technical Campus  
Shreeyash College of Engineering & Technology,  
Engineering Science Department



Academic 2019-20 (SEM-I)

CLASS: FE-I (MECH+CIVIL)  
Result Class Test -2

Sr. No.	Roll No.	Name of Students	EM-1	PHY	EEE	EG	CS	BCME
1	1101	Bembade Aditya Pandurang	10	9	10	10	10	10
2	1102	Chavan Gajanan Uddhav	10	9	10	8	10	7
3	1103	Dhakne Bhagwat Ashok	10	9	10	10	10	10
4	1104	Etther Narayan Baburao	3	7	9	8	10	6.5
5	1105	Jogdand Abhijeet Bandu	AB	AB	AB	AB	AB	AB
6	1106	Khoje Rushikesh Dnyaneshwar	10	6	9	8	10	8.5
7	1107	Khotkar Yuvraj Ramesh	AB	0	10	AB	AB	5.5
8	1108	Laghane Kedar Tukaram	AB	AB	AB	AB	AB	AB
9	1109	Nimbalkar Pratik Kishor	8	9	10	8	8	7.5
10	1110	Palhal Trimbakeshwar Somnath	5	8	6	9	9	7
11	1111	Shaikh Mustak Rasul	10	9	10	10	9	9
12	1112	Shinde Navnath Vishnu	9	6	9	8	8	9
13	1113	Suradkar Tejas Sanjay	7	9	10	9	10	7.5
14	1114	Kolhe Avantika Madhukar	6	9	10	9	10	7
15	1115	Kharote Ritika Abhay	5	10	8	9	10	6
16	1116	Chaudhari Bharat Sukhdev	10	10	10	10	10	9.5
17	1117	Chavan Ajay Raju	10	9	7	9	8	7
18	1118	Chavan Avinash Devichand	10	8	8	9	7	5.5
19	1119	Chavan Jaypal Madan	AB	AB	AB	AB	AB	AB
20	1120	Etther Shubham Arjun	2	0	2	7	3	2.5
21	1121	Gadhe Atharva Sopan	8	6	7	9	5	4
22	1122	Idhate Pradip Vitthal	9	9	10	9	8	7
23	1123	Khadse Vaibhav Prakash	8	6	7	10	9	9
24	1124	Mane Amol Uddhav	4	8	10	10	10	6
25	1125	Ratnod Vaibhav Bhimrao	10	9	10	10	10	5.5
26	1126	Sonune Pavan Gangaram	8	7	9	7	8	6.5

  
Class Teacher

  
HOD

  
Principal



SHREEYASH PRATISHTHAN'S  
Shreeyash Technical Campus  
Shreeyash College of Engineering & Technology,  
Engineering Science Department  
Result Class Test -2



Academic 2019-20

CLASS:FE-II (CSE+EE+ETC)

Marks: 100M

Sr. No.	Roll No.	Name of Students	EM-I	CHEM	EM	CPC	BEEE
1	1201	Bharti Gayatri Suryakant	6	10	5	4	7
2	1202	Funde Netra Parmeshwar	4	10	10	7	10
3	1203	Hebade Rupali Dilip	5	10	8	7	8
4	1204	Katkamwar Bhagyashri Nagesh	10	10	10	8	10
5	1205	Pawar Pooja Rajendra	6	10	5	7	7
6	1206	Pawar Rutuja Badrinath	3	10	5	7	7
7	1207	Rathod Rutuja Prakash	10	10	10	9	10
8	1208	Shendre Tejaswini Vishwanath	10	10	10	7	9
9	1209	Bankar Akash Chabu	7	10	4	0	AB
10	1210	Changulpaye Umesh Vijay	10	10	10	6	9
11	1211	Chavan Sanket Rajendra	10	10	10	6	10
12	1212	Choudhari Jaiprakash Prabhudayal	AB	10	5	8	7
13	1213	Dawkare Ganesh Kisanrao	10	10	10	8	10
14	1214	Gaikwad Shubham Shrawan	10	10	10	7	10
15	1215	Hajare Akash Suresh	10	10	10	7	7
16	1216	Jadhav Sandip Subhash	0	10	2	4	3
17	1217	Jadhav Shreedhar Sahebrao	4	10	7	10	10
18	1218	Kadare Anish Babarao	10	10	10	8	10
19	1219	Madane Shubham Sanjay	0	10	4	0	5



Roll No.	Name of Students	EM-I	CHEM	EM	CPC	BEEE	
20	1220	Narke Mayur Mohan	5	7	3	6	8
21	1221	Pawal Pawan Vishwanath	10	10	10	0	10
22	1222	Rathod Suraj Raju	10	10	10	4	10
23	1223	Salunke Govinda Kaduba	8	8	9	10	10
24	1224	Shingare Shriram Dattatray	8	10	8	2	3
25	1225	Vaishnav Sagar Dayanand	AB	10	8	4	5
26	1226	Yalpalwar Giriraj Sayalu	10	10	10	9	10
27	1227	Dhire Govind Bansi	AB	AB	AB	AB	AB
28	1228	Gaikwad Anil Pandharinath	7	10	8	4	6
29	1229	Kakde Pradip Rambhau	9	10	8	7	9
30	1230	Parsuwale Mo Habib Mo Hadi	AB	7	AB	AB	4
31	1231	Payghan Shubham Sanjay	10	8	6	0	4
32	1232	Adhav Akash Vishnu	10	10	10	9	10
33	1233	Gangawane Akash Ananda	10	10	8	8	7
34	1234	Ajay Rathod	5	10	7	1	1

  
Class Teacher

  
HOD

PRINCIPAL





SHREEYASH PRATISHTHAN'S  
Shreeyash Technical Campus  
Shreeyash College of Engineering & Technology,  
Engineering Science Department  
Class Test Schedule 2019  
Notice [For Students]



Date: 19/9/19

All the Students Should note the Time table For class Test -2

FE-I

DATE	DAY	SUBJECT-I	SUBJECT-II
28-09-2019	SATURDAY	BCME	EEE
30-09-2019	MONDAY	EM-I	CS
01-10-2019	TUESDAY	EG	PHYSICS

FE-II

DATE	DAY	SUBJECT-I	SUBJECT-II
28-09-2019	SATURDAY	BEEE	CHEMISTRY
30-09-2019	MONDAY	EM-I	CPC
01-10-2019	TUESDAY	EM	

- Note: 1) Class test will be conducted in regular theory hour.  
2) Regular theory & Practicals will be conducted as per time table.

*Srijit*  
Head of Department





**SHREEYASH PRATISHTHAN'S**  
**Shreeyash Technical Campus**  
**Shreeyash College of Engineering & Technology,**  
**Engineering Science Department**  
**Attendance sheet**  
**Class Test-I**



Academic 2019-20 (SEM-I)

CLASS:FE-I(MECH+CIVIL)

Date: 04/09/19

Subject: EM-I

Sr. No.	Roll No.	Name of Students	Branch	Signature
1	1101	Bembade Aditya Pandurang	MECH	
2	1102	Chavan Gajanan Uddhav	MECH	
3	1103	Dhakne Bhagwat Ashok	MECH	
4	1104	Etther Narayan Baburao	MECH	
5	1105	Jogdand Abhijeet Bandu	MECH	
6	1106	Khoje Rushikesh Dnyaneshwar	MECH	
7	1107	Khotkar Yuvraj Ramesh	MECH	
8	1108	Laghane Kedar Tukaram	MECH	
9	1109	Nimbalkar Pratik Kishor	MECH	
10	1110	Palha Trim'bakeshwar Somnath	MECH	
11	1111	Shaikh Mustak Rasul	MECH	
12	1112	Shinde Navnath Vishnu	MECH	
13	1113	Suradkar Tejas Sanjay	MECH	
14	1114	Kolhe Avantika Madhukar	MECH	
15	1115	Kharote Ritika Abhay	CIVIL	
16	1116	Chaudhari Bharat Sukhdev	CIVIL	
17	1117	Chavan Ajay Raju	CIVIL	
18	1118	Chavan Avinash Devichand	CIVIL	
19	1119	Chavan Jaypal Madan	CIVIL	
20	1120	Etther Shubham Arjun	CIVIL	
21	1121	Gadhe Atharva Sopan	CIVIL	
22	1122	Idhate Pradip Vitthal	CIVIL	
23	1123	Khadse Vaibhav Prakash	CIVIL	
24	1124	Mane Amol Uddhav	CIVIL	
25	1125	Rathod Vaibhav Bhimrao	CIVIL	
26	1126	Sonune Pavan Gangaram	CIVIL	

Total Number Of Present Students : S. S. Deshpande

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Name Of Invigilator with Sign : Deshpande

Subject Teacher

HOD



SHREEYASH PRATISHTHAN'S  
Shreeyash Technical Campus  
Shreeyash College of Engineering & Technology,  
Engineering Science Department  
Result Class Test -I



Academic 2019-20

CLASS: FE-II (CSE+EE+ETC)

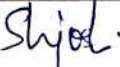
Marks: 100

Sr. No.	Roll No.	Name of Students	EM-I	CHEM	EM	CPC	TOTAL
1	1201	Bharti Gayatri Suryakant	10	8	6	10	19
2	1202	Funde Netra Parmeshwar	10	10	10	7	9
3	1203	Hebade Rupali Dilip	8	7	6	6	6
4	1204	Katkamwar Bhagyashri Nagesh	10	AB	10	10	10
5	1205	Pawar Pooja Rajendra	6	8	6	6	2
6	1206	Pawar Rutuja Badrinath	7	8	6	5	3
7	1207	Rathod Rutuja Prakash	AB	7	AB	AB	AB
8	1208	Shendre Tejaswini Vishwanath	9	9	6	5	5
9	1209	Uinkar Akash Chabu	5	5	6	5	5
10	1210	Changulpaye Umesh Vijay	10	7	5	9	10
11	1211	Chavan Sanket Rajendra	10	9	10	8	10
12	1212	Choudhari Jaiprakash Prabhudayal	9	6	4	6	10
13	1213	Dawkare Ganesh Kisanrao	10	7	9	8	10
14	1214	Gaikwad Shubham Shrawan	9	10	9	10	4
15	1215	Hajare Akash Suresh	10	10	9	9	10
16	1216	Jadhav Sandip Subhash	5	7	4	5	5
17	1217	Jadhav Shreedhar Sahabrao	5	10	6	10	10
18	1218	Kadare Anish Babarao	10	10	10	9	10
19	1219	Madane Shubham Sanjay	8	7	6	6	4



Sl. No.	Roll No.	Name of Students	EM-I	CHEM	EM	CPC	BEEE
20	1220	Narke Mayur Mohan	6	5	2	5	0
21	1221	Pawal Pawan Vishwanath	8	6	5	2	3
22	1222	Rathod Suraj Raju	10	10	10	10	10
23	1223	Salunke Govinda Kaduba	10	7	0	6	2
24	1224	Sningare Shriram Dattatray	6	5	3	3	5
25	1225	Vaishnav Sagar Dayanand	7	9	2	1	6
26	1226	Yalpalwar Giriraj Sayalu	9	8	9	4	10
27	1227	Dhire Govind Bafsi	AB	AB	AB	AB	AB
28	1228	Gaikwad Anil Pandharinath	5	6	9	5	4
29	1229	Kakde Pradip Rambhau	9	10	4	5	3
30	1230	Parsuwale Mo Habib Mo Hadi	7	5	3	6	5
31	1231	Payghan Shubham Sanjay	6	5	5	1	4
32	1232	Adhav Akash Vishnu	10	10	6	8	9
33	1233	Gangawane Akash Ananda	7	6	5	8	7

  
Class Teacher

  
HOD

  
PRINCIPAL



SHREEYASH PRATISHTHAN'S  
Shreeyash Technical Campus  
Shreeyash College of Engineering & Technology,  
Engineering Science Department



Academic 2019-20 (SEM-I)

CLASS:FE-I(MECH+CIVIL)  
Result Class Test -1

Sr. No.	Roll No.	Name of Students	EM-1	PHY	EEE	EG	CS	BCME
1	1101	Bembade Aditya Pandurang	10	9	10	10	10	7
2	1102	Chavan Gajanan Uddhav	10	6	10	10	8	8
3	1103	Dhakne Bhagwat Ashok	10	9	10	10	8	5
4	1104	Etther Narayan Baburao	10	2	5	10	7	1
5	1105	Jogdand Abhijeet Bandu	AB	AB	AB	AB	AB	AB
6	1106	Khoje Rushikesh Dnyaneshwar	5	3	10	8	7	9
7	1107	Khotkar Yuvraj Ramesh	6	4	7	10	6	7
8	1108	Laghane Kedar Tukaram	AB	AB	AB	AB	AB	AB
9	1109	Nimbalkar Pratik Kishor	5	7	7	6	9	5
10	1110	Pallal Tribhakeshwar Somnath	6	2	5	10	7	4
11	1111	Shaikh Mustak Rasul	10	9	9	10	7	9
12	1112	Shinde Navnath Vishnu	6	0	4	5	7	4
13	1113	Suradkar Tejas Sanjay	10	6	10	10	8	5
14	1114	Kolhe Avantika Madhukar	5	8	10	10	9	4
15	1115	Kharote Ritika Abhay	8	6	10	10	6	5
16	1116	Chaudhari Bharat Sukhdev	10	9	10	10	10	9
17	1117	Chavan Ajay Raju	6	5	5	10	9	3
18	1118	Chavan Avinash Devichand	8	2	3	10	6	2
19	1119	Chavan Jaypal Madan	5	0	2	10	5	1
20	1120	Etther Shubham Arjun	6	1	1	1	6	AB
21	1121	Gadhe Atharva Sopan	9	0	6	10	8	2
22	1122	Idhate Pradip Vitthal	9	4	8	5	8	4
23	1123	Khadse Vaibhav Prakash	9	3	9	10	7	7
24	1124	Mane Amol Uddhav	9	6	5	7	5	5
25	1125	Rathod Vaibhav Bhimrao	10	9	7	10	8	7
26	1126	Sonune Pavan Gangaram	5	6	6	8	9	9

F. 83  
Class Teacher

Shreeyash  
HOD

Principal





Academic 2019-20

Date: 4/9/2019

SHREEYASH PRATISHTHAN'S  
Shreeyash Technical Campus  
Shreeyash College of Engineering & Technology,  
Engineering Science Department

Attendance sheet

Class Test-1

CLASS:FE-II (CSE+EE+ETC)



Subject: M-I

Sr. No.	Roll No.	Name of Students	Branch	Signature
1	1201	Bharu Gayatri Suryakant	CSE	Gayatri
2	1202	Funde Netra Parmeshwar	CSE	Funde
3	1203	Hebade Rupali Dilip	CSE	Rupali
4	1204	Katkamwar Bhagyashri Nagesh	CSE	Bhagyashri
5	1205	Pawar Pooja Rajendra	CSE	Pooja
6	1206	Pawar Rutuja Badrinath	CSE	Rutuja
7	1207	Rathod Rutuja Prakash	EE	
8	1208	Shendre Tejaswini Vishwanath	EE	Tejaswini
9	1209	Bankar Akash Chabu	CSE	Akash
10	1210	Changulpaye Umesh Vijay	CSE	Umesh
11	1211	Chavan Sanket Rajendra	CSE	Sanket
12	1212	Choudhari Jaiprakash Prabhudayal	CSE	Jaiprakash
13	1213	Dawkare Ganesh Kisanrao	CSE	Ganesh
14	1214	Gaikwad Shubham Shrawan	CSE	Shubham
15	1215	Hajare Akash Suresh	CSE	Akash
16	1216	Jadhav Sandip Subhash	CSE	Sandip
17	1217	Jadhav Shreedhar Sahebrao	CSE	Shreedhar
18	1218	Kadare Anish Babarao	CSE	Anish
19	1219	Madane Shubham Sanjay	CSE	Shubham

Sr. No.	Roll No.	Name of Students	Branch	
20	1220	Narke Mayur Mohan	CSE	<i>[Signature]</i>
21	1221	Pawai Pawan Vishwanath	CSE	<i>[Signature]</i>
22	1222	Rathod Suraj Raju	CSE	<i>[Signature]</i>
23	1223	Salunke Govinda Kaduba	CSE	Govind
24	1224	Shingare Shriram Dattatray	CSE	<i>[Signature]</i>
25	1225	Vaishnav Sagar Dayanand	CSE	<i>[Signature]</i>
26	1226	Yalpalwar Giriraj Sayalu	CSE	<i>[Signature]</i>
27	1227	Dhire Govind Bansi	EE	
28	1228	Gaikwad Anil Pandharinath	EE	<i>[Signature]</i>
29	1229	Kakde Pradip Rambhau	EE	<i>[Signature]</i>
30	1230	Parsuwale Mo Habib Mo Hadi	EE	<i>[Signature]</i>
31	1231	Payghan Shubham Sanjay	EE	<i>[Signature]</i>
32	1232	Adhav Akash Vishnu	ETC	<i>[Signature]</i>
33	1233	Gangawane Akash Ananda	E&TC	<i>[Signature]</i>

Total Number Of Present Students :

Name Of Invigillator with Sign : V. w. Patil (Vilas w. Patil)

*[Signature]*  
Subject Teacher

*[Signature]*  
HOD





**SHREEYASH PRATISHTHAN'S**  
**Shreeyash Technical Campus**  
**Shreeyash College of Engineering & Technology,**  
**Engineering Science Department**  
**Class Test Schedule 2019**  
**Notice [For Students]**



Date: 27/8/2019

All the Students Should note the Time table For class Test -I

FE-I

DATE	DAY	TIME	SUBJECT
04-09-2019	WEDNESDAY	10.30 To 11.30	BCME ✓
		2.00 To 3.00	EM-I ✓ ✓
05-09-2019	THURSDAY	10.30 To 11.30	CS ✓ ✓
		2.00 To 3.00	EEE ✓
06-09-2019	FRIDAY	10.30 To 11.30	EG ✓
		2.00 To 3.00	PHYSICS ✓

FE-II

DATE	DAY	TIME	SUBJECT
04-09-2019	WEDNESDAY	10.30 To 11.30	BEEE ✓
		2.00 To 3.00	EM-I ✓ ✓
05-09-2019	THURSDAY	10.30 To 11.30	EM ✓
		2.00 To 3.00	CPC
06-09-2019	FRIDAY	10.30 To 11.30	CHEMISTRY ✓

  
**CLASS TEST COORDINATOR**

PROF. S.B.BANAGE

  
**HOD**

PROF. S.H.JOSHI



Subject:-M-I  
Class: FE-I,FE-II

SHREEYASH PRATISHTHAN'S  
Shreeyash Technical Campus  
SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY, AURANGABAD  
First Year Engineering Department

Class Test-II  
Maximum Mark- 10

Date:30/09/2019  
Time- 1hour

STC/PR11/7/31



Q1. Solve Any Two

(6)

- 1) If  $u = 3x^2yz + 5xy^2z + 4z^4$  then find degree of  $u$
- 2) Evaluate  $\frac{\partial z}{\partial x}, \frac{\partial z}{\partial y}$  if  $z = \log(x^2 + y^2)$
- 3) If  $u = \sin^{-1} \frac{x+y}{\sqrt{x} + \sqrt{y}}$  then Prove that  $x \frac{\partial u}{\partial x} + y \frac{\partial u}{\partial y} = \frac{1}{2} \tan u$

Q2. Solve Any One

(4)

- 1) If  $z = u^2 + v^2$  where  $u = at^2, v = 2at$  Find  $\frac{dz}{dt}$
- 2) If  $z = \log(x^2 + xy + y^2)$  Show that  $x \frac{\partial z}{\partial x} + y \frac{\partial z}{\partial y} = 2$
- 3) If  $u = \log(\tan x + \tan y)$  then prove that  $\sin 2x \left( \frac{\partial u}{\partial x} \right) + \sin 2y \left( \frac{\partial u}{\partial y} \right) = 2$





SHREEYASH PRATISITHTAN'S  
Shreeyash Technical Campus  
Shreeyash College of Engineering & Technology,  
Engineering Science Department



Academic 2019-20 (SEM-I)

CLASS: FE-I (MECH+CIVIL)  
Result Class Test -2

Sr. No.	Roll No.	Name of Students	EM-1	PHY	EEE	EG	CS	BCME
1	1101	Bembade Aditya Pandurang	10	9	10	10	10	10
2	1102	Chavan Gajanan Uddhav	10	9	10	8	10	7
3	1103	Dhakne Bhagwat Ashok	10	9	10	10	10	10
4	1104	Etther Narayan Baburao	3	7	9	8	10	6.5
5	1105	Jogdand Abhijeet Bandu	AB	AB	AB	AB	AB	AB
6	1106	Khoje Rushikesh Dnyaneshwar	10	6	9	8	10	8.5
7	1107	Khotkar Yuvraj Ramesh	AB	0	10	AB	AB	5.5
8	1108	Laghane Kedar Tukaram	AB	AB	AB	AB	AB	AB
9	1109	Nimbalkar Pratik Kishor	8	9	10	8	8	7.5
10	1110	Palhal Trimbakeshwar Somnath	5	8	6	9	9	7
11	1111	Shaikh Mustak Rasul	10	9	10	10	9	9
12	1112	Shinde Navnath Vishnu	9	6	9	8	8	9
13	1113	Suradkar Tejas Sanjay	7	9	10	9	10	7.5
14	1114	Kolhe Avantika Madhukar	6	9	10	9	10	7
15	1115	Kharote Ritika Abhay	5	10	8	9	10	6
16	1116	Chaudhari Bharat Sukhdev	10	10	10	10	10	9.5
17	1117	Chavan Ajay Raju	10	9	7	9	8	7
18	1118	Chavan Avinash Devichand	10	8	8	9	7	5.5
19	1119	Chavan Jaypal Madan	AB	AB	AB	AB	AB	AB
20	1120	Etther Shubham Arjun	2	0	2	7	3	2.5
21	1121	Gadhe Atharva Sopan	8	6	7	9	5	4
22	1122	Idhate Pradip Vitthal	9	9	10	9	8	7
23	1123	Khadse Vaibhav Prakash	8	6	7	10	9	9
24	1124	Mane Amol Uddhav	4	8	10	10	10	6
25	1125	Ratnod Vaibhav Bhimrao	10	9	10	10	10	5.5
26	1126	Sonune Pavan Gangaram	8	7	9	7	8	6.5

  
Class Teacher

  
HOD

  
Principal



SHREEYASH PRATISHTHAN'S  
Shreeyash Technical Campus  
Shreeyash College of Engineering & Technology,  
Engineering Science Department  
Result Class Test -2



Academic 2019-20

CLASS : FE-II (CSE+EE+ETC)

Marks : 100

Sr. No.	Roll No.	Name of Students	EM-I	CHEM	EM	CPC	BEEE
1	1201	Bharti Gayatri Suryakant	6	10	5	4	7
2	1202	Funde Netra Parmeshwar	4	10	10	7	10
3	1203	Hebade Rupali Dilip	5	10	8	7	8
4	1204	Katkamwar Bhagyashri Nagesh	10	10	10	8	10
5	1205	Pawar Pooja Rajendra	6	10	5	7	7
6	1206	Pawar Rutuja Badrinath	3	10	5	7	7
7	1207	Rathod Rutuja Prakash	10	10	10	9	10
8	1208	Shendre Tejaswini Vishwanath	10	10	10	7	9
9	1209	Bankar Akash Chabu	7	10	4	0	AB
10	1210	Changulpaye Umesh Vijay	10	10	10	6	9
11	1211	Chavan Sanket Rajendra	10	10	10	6	10
12	1212	Choudhari Jaiprakash Prabhudayal	AB	10	5	8	7
13	1213	Dawkare Ganesh Kisanrao	10	10	10	8	10
14	1214	Gaikwad Shubham Shrawan	10	10	10	7	10
15	1215	Hajare Akash Suresh	10	10	10	7	7
16	1216	Jadhav Sandip Subhash	0	10	2	4	3
17	1217	Jadhav Shreedhar Sahebrao	4	10	7	10	10
18	1218	Kadare Anish Babarao	10	10	10	8	10
19	1219	Madane Shubham Sanjay	0	10	4	0	5



Roll No.	Name of Students	EM-I	CHEM	EM	CPC	BEEE	
20	1220	Narke Mayur Mohan	5	7	3	6	8
21	1221	Pawal Pawan Vishwanath	10	10	10	0	10
22	1222	Rathod Suraj Raju	10	10	10	4	10
23	1223	Salunke Govinda Kaduba	8	8	9	10	10
24	1224	Shingare Shriram Dattatray	8	10	8	2	3
25	1225	Vaishnav Sagar Dayanand	AB	10	8	4	5
26	1226	Yalpalwar Giriraj Sayalu	10	10	10	9	10
27	1227	Dhire Govind Bansi	AB	AB	AB	AB	AB
28	1228	Gaikwad Anil Pandharinath	7	10	8	4	6
29	1229	Kakde Pradip Rambhau	9	10	8	7	9
30	1230	Parsuwale Mo Habib Mo Hadi	AB	7	AB	AB	4
31	1231	Payghan Shubham Sanjay	10	8	6	0	4
32	1232	Adhav Akash Vishnu	10	10	10	9	10
33	1233	Gangawane Akash Ananda	10	10	8	8	7
34	1234	Ajay Rathod	5	10	7	1	1

  
Class Teacher

  
HOD

PRINCIPAL





SHREEYASH PRATISHTHAN'S  
Shreeyash Technical Campus  
Shreeyash College of Engineering & Technology,  
Engineering Science Department  
Class Test Schedule 2019  
Notice [For Students]



Date: 19/9/19

All the Students Should note the Time table For class Test -2

FE-I

DATE	DAY	SUBJECT-I	SUBJECT-II
28-09-2019	SATURDAY	BCME	EEE
30-09-2019	MONDAY	EM-I	CS
01-10-2019	TUESDAY	EG	PHYSICS

FE-II

DATE	DAY	SUBJECT-I	SUBJECT-II
28-09-2019	SATURDAY	BEEE	CHEMISTRY
30-09-2019	MONDAY	EM-I	CPC
01-10-2019	TUESDAY	EM	

- Note: 1) Class test will be conducted in regular theory hour.  
2) Regular theory & Practicals will be conducted as per time table.

*Srijit*  
Head of Department





Department of Mechanical Engineering

Dt: 20/08/2020

### Time table for Class Test-I

DATE	SESSION	SE	TE-A&B	BE
24/08/2020 (Monday)	04:00 PM to 05:00 PM (One Hour)	EM- III	HT	MP- III
24/08/2020 (Monday)	05:05 PM to 06:05 PM (One Hour)	TD	AT-I	IEM
25/08/2020 (Tuesday)	04:00 PM to 05:00 PM (one Hour)	MSM	MD-I	MET
25/08/2020 (Tuesday)	05:05 PM to 06:05 PM (One Hour)	FM	TOM- II	CAD/CAM
26/08/2020 (Wednesday)	04:00 PM to 05:00 PM (one Hour)	MD-CAD	MQC	IPR

**Note:** 1. Due to COVID19, these Examinations will be conducted through online mode. The pattern of question paper will be of multiple choice questions (MCQ).

2. The of links of examinations for each subject will be provided on student's email as per the above time table. Students have to attempt the exam at their home only.

Dept. Class Test Coordinator

HOD

\*\*\*\*\*Stay at Home\*\*Stay Safe\*\*Wash Your Hands\*\*\*\*\*



Department of Mechanical Engineering

Date: 20/08/2020

Student Notice

All the students (SE, TE, & BE) are hereby informed that the online class test-I is scheduled from 24<sup>th</sup> August 2020 to 26<sup>th</sup> August 2020 (i.e. Monday, Tuesday, & Wednesday).

Therefore, it is compulsory to all students to participate in the online class test with preparation to explore your learning progress and effectiveness of education.

The criterion for the class test is more than **75% attendance** in online lectures. If students have less than **75% attendance** will be allowed with prior permission from **Principal/HOD**.

**Class Test Coordinator**

**HOD**





Department of Mechanical Engineering

Dt: 22/09/2020

Time table for Class Test-II

DATE	SESSION	SE	TE-A&B	BE
24/09/2020 (Thursday)	04:00 PM to 05:00 PM (One Hour)	EM- III	HT	MP- III
24/09/2020 (Thursday)	05:05 PM to 06:05 PM (One Hour)	TD	AT-I	IEM
25/09/2020 (Friday)	04:00 PM to 05:00 PM (one Hour)	MSM	MD-I	MET
25/09/2020 (Friday)	05:05 PM to 06:05 PM (One Hour)	FM	TOM- II	CAD/CAM
26/09/2020 (Saturday)	04:00 PM to 05:00 PM (one Hour)	MD-CAD	MQC	

**Note:** 1. Due to COVID19, these Examinations will be conducted through online mode. The pattern of question paper will be of multiple choice questions (MCQ).

Dept. Class Test Coordinator

HOD

\*\*\*\*\*Stay at Home\*\*Stay Safe\*\*Wash Your Hands\*\*\*\*\*



SHREEYASH PRATISHTHAN'S  
**Shreeyash Technical Campus**  
SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY,  
AURANGABAD



**Department of Mechanical Engineering**

Date: 22/09/2020

**Student Notice**

All the students (SE, TE, & BE) are hereby informed that the online class test-II is scheduled from 24<sup>th</sup> September 2020 to 26<sup>th</sup> September 2020 (i.e. Thursday, Friday, & Saturday).

Therefore, it is compulsory to all students to participate in the online class test with preparation to explore your learning progress and effectiveness of education.

The criterion for the class test is more than 75% attendance in online lectures. If students have less than 75% attendance will be allowed with prior permission from Principal/HOD.

Class Test Coordinator

HOD





July 20

Department of Mechanical Engineering

Dt: 08/10/2020

Time Table for Mid Semester Examination

DATE	SESSION	SE	TE-A&B	BE
23/10/2020 (Friday)	04:00 PM to 05:00 PM (One Hour)	EM- III	HT	MP- III
24/10/2020 (Saturday)	04:00 PM to 05:00 PM (One Hour)	TD	AT-I	IEM
26/10/2020 (Monday)	04:00 PM to 05:00 PM (one Hour)	MSM	MD-I	MET
27/10/2020 (Tuesday)	04:00 PM to 05:00 PM (One Hour)	FM	TOM- II	CAD/CAM
28/10/2020 (Wednesday)	04:00 PM to 05:00 PM (one Hour)	MD-CAD	MQC	

**Note:** 1. Due to COVID-19, these Examinations will be conducted through online mode. The pattern of question paper will be of multiple choice questions (MCQ).

Dept. Class Test Coordinator

HOD

\*\*\*\*\*Stay at Home\*\*Stay Safe\*\*Wash Your Hands\*\*\*\*\*



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**Department of Mechanical Engineering**

Date: 08/10/2020

**Student Notice**

All the students (SE, TE, & BE) are hereby informed that the online Mid Semester Examination is scheduled from 23<sup>rd</sup> October 2020 to 28<sup>th</sup> October 2020.

Therefore, it is compulsory to all students to participate in the online class test with preparation to explore your learning progress and effectiveness of education.

The criterion for the class test is more than 75% attendance in online lectures. If students have less than 75% attendance will be allowed with prior permission from Principal/HOD.

Dept. Class Test Coordinator

HOD





Shreeyash Pratishthan's

Shreeyash College of Engineering and Technology, Aurangabad

STATEMENT OF MARKS



DEPARTMENT: Mechanical Engineering

ACADEMIC YEAR: 2020-21

DATE: 10/11/2020

CLASS: BE- A (VII Sem)

CLASS TEST: I, II & MID SEM

PART: I

Roll No.	Name of Student	Subject Faculty	MP-III			IEM			MET			CAD/CAM		
			GSD			ZAS			HAT			AVK		
			CT-I	CT-II	MID SEM	CT-I	CT-II	MID SEM	CT-I	CT-II	MID SEM	CT-I	CT-II	MID SEM
41101	Sudarshan Gorkshanath Yadav		AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
41102	Abhijit Vishnu Narke		20	18	18	20	18	11	19	15	16	20	20	16
41103	Chandrashekar Sanjay Akolkar		AB	AB	19	AB	AB	13	AB	AB	13	AB	AB	13
41104	Nitesh Prakash Rathod		16	AB	AB	20	AB	11	18	AB	AB	14	AB	AB
41105	Pratik Laxmikant Lekurwale		20	AB	20	20	AB	11	19	16	17	20	20	18
41106	Mauli Deelip Gavhad		19	20	20	20	19	16	20	15	0	19	18	16
41107	Rohan Prabhu Bhojane		20	20	20	20	16	15	19	17	16	20	19	16
41108	Pallavi Rajendra Padam		20	20	20	20	AB	16	20	19	18	20	19	17
41109	Mahesh Tukaram Bhatane		20	AB	20	20	AB	17	20	13	7	20	18	18
41110	Atul Parmeshwar Chatse		19	0	AB	19	AB	16	19	13	13	18	15	15
41111	Neelkanth Vilasrao Pole		20	AB	20	20	AB	19	18	14	13	17	20	15
41112	Nitesh Janardhan Ghaywat		20	20	AB	20	20	16	18	AB	11	19	AB	16
41113	Krishna Laxmanrao Dhage		20	20	20	20	19	17	18	16	13	19	19	17
41114	Omkar Nivrutti Salunke		20	20	20	20	18	17	18	16	0	19	20	17
41115	Akash Sundar Rathod		20	20	20	20	20	17	19	19	16	20	19	17
41116	Datta Vasant Jadhav		19	AB	AB	20	AB	AB	13	AB	AB	20	AB	AB
41117	Kiran Ratansing Bedwal		AB	AB	20	AB	AB	16	AB	4	0	AB	19	16
41118	Sudhir Sampat Jogdand		17	AB	AB	20	AB	AB	19	AB	AB	19	AB	AB
41119	Pankajkumar Prashantkumar		18	AB	19	19	AB	17	20	AB	16	19	AB	17
41120	Omkar Digambar Mate		20	20	20	20	19	17	18	16	13	19	20	17
41121	Ramkrushna Bhagwan Gorade		20	20	20	20	2	18	18	14	15	20	18	19
41122	Utkarsh Anil Chipate		18	AB	20	20	AB	17	20	16	16	20	0	18
41123	Harish Raju Tandale		20	20	20	20	19	16	20	18	18	20	19	17
41124	Alim Khalil Qureshi		20	20	20	20	17	17	20	17	17	20	20	17
41125	Adityasingh Dipak Singh		20	19	20	20	20	17	20	18	18	20	18	18
41126	Dipali Subhash Raut		20	20	18	20	18	11	19	15	15	20	20	16
41127	Pratik Gunwant Bharme		19	20	20	20	20	17	19	AB	16	20	AB	15
41128	Ashish Bhagwan Rakde		20	20	20	20	19	18	20	17	15	20	19	17
41129	Shubham Sudarshan Panigrahi		12	19	18	19	19	11	19	15	14	20	18	17
41130	Rajesh Vaman Ukande		19	20	20	20	19	16	19	16	13	20	17	16
41131	Mangesh Krushna Moksare		20	19	18	20	18	19	19	13	15	20	16	15
41132	Prathmesh Dnyanoba Kolhe		20	19	18	20	19	19	20	17	17	20	18	15
41133	Anuja Ishwar Morwal		20	19	20	20	19	11	19	AB	11	19	AB	AB







Shreeyash Pratishthan's  
**Shreeyash College of Engineering and Technology, Aurangabad**  
STATEMENT OF MARKS

FORMAT NO. STC/PR11/F/04



DEPARTMENT: Mechanical Engineering

ACADEMIC YEAR: 2020-21

DATE: 07/09/2020

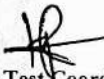
CLASS: TE- A (V-Sem)

PART: I


CLASS TEST: I

Roll No.	Name of Student	Subject	IT	AT-I	MD-I	TOM-II	MQC
		Faculty	GND	KTP	VWP	DAD	AVK
		Seat No.	out of 20	out of 20	out of 20	out of 20	out of 20
31101	Vilas Vithal Achare		16	18	18	20	20
31102	Ankush Suresh Agale		20	14	20	20	18
31103	Pratiksha Kanhaiyalal Agrawal		20	18	20	20	20
31104	Aniket Satish Anjankar		20	AB	18	20	16
31105	Swapni Achal Bagal		AB	AB	AB	AB	AB
31106	Vicky Dattatrai Bankar		AB	AB	AB	AB	AB
31107	Rohan Kailas Bansile		20	18	16	20	19
31108	Ajay Bhausahab Barbaile		20	20	20	20	AB
31109	Vishwajeet Rupchand Barthune		16	16	20	20	19
31110	Yashwant Satish Bawale		20	18	20	20	AB
31111	Krushna Raghunath Borkar		18	16	20	20	AB
31112	Devesh Chandrashekhar Chakre		18	18	20	20	AB
31113	Sudarshan Punjaram Chaudhari		20	20	20	20	20
31114	Amol Kalyan Chaudhary		20	20	20	20	AB
31115	Pravin Baburao Chavan		20	18	20	20	18
31116	Swaraj Nanasahab Chavan		14	18	20	20	AB
31117	Nirajkumar Arvind Chavan		20	18	20	20	AB
31118	Shubham Madhukar Dabhade		AB	AB	AB	AB	AB
31119	Santosh Vikram Daund		AB	AB	AB	AB	AB
31120	Yash Rajendra Deore		20	20	20	20	20
31121	Pranav Vivek Deshpande		20	20	20	20	20
31122	Rushikesh Tryambakrao Gadekar		20	20	18	20	18
31123	Shubham Narayan Gawande		20	20	20	20	20
31124	Onkar Kiran Gumte		18	18	20	20	19
31125	Atharva Vinayak Joshi		18	18	18	20	AB
31126	Somesh Prakash Joshi		AB	AB	20	20	AB
31127	Vasant Madhukar Kadam		AB	AB	AB	AB	AB
31128	Nitin Baban Kanjale		20	20	20	20	20
31129	Onkar Vishnu Karpe		20	18	20	20	19
31130	Navnath Raosaheb Katkar		AB	AB	AB	AB	AB
31131	Akash Sanjay Khambat		20	16	18	20	17
31132	Mansi Sunil Kulkarni		20	20	20	18	19
31133	Prasad Avinash Kulkarni		AB	AB	AB	AB	AB
31134	Rohan Ashokrao Kulkarni		20	18	20	20	20
31135	Tushar Mahadu Kurkute		20	20	20	20	AB
31136	Akshay Sidram Landge		20	18	20	20	AB
31137	Sagar Madhukar Lasankar		20	20	20	20	20
31138	Madhavi Santosh Mahargude		20	18	20	20	20
31139	Manoj Sahebrao Mhaske		AB	AB	8	16	AB
31140	Nikhil Nandkumar Mulay		20	20	20	20	18
31141	Satish Dnyaneshwar Murme		20	AB	20	20	18
31142	Amol Mothabhau Navale		AB	AB	AB	AB	AB
31143	Rushikesh Somnath Pagar		18	20	20	20	20
31144	Dnyaneshwar Ranjit Panchal		AB	AB	AB	AB	AB
31145	Sachin Sanjay Pandav		AB	AB	20	18	20
31146	Shubham Raghunath Pangare		20	AB	20	20	AB
31147	Saurabh Arun Pangavkar		20	20	20	20	20
31148	Krishana Subhash Pawar		18	18	18	18	AB
31149	Parmeshwar Digambar Pawar		AB	AB	AB	AB	AB

31150	Rutvik Vaijinath Pawar		20	20	16	18	18
31151	Akash Ramdaras Prajapati		20	16	20	18	19
31152	Rahul Shantilal Rathod		20	20	20	20	20
31153	Pravin Mahadev Sawant		18	18	20	20	19
31154	Sohel Ibrahim Sayyed		AB	AB	AB	AB	AB
31155	Nitikesh Dilip Shahane		20	20	20	20	20
31156	Arshad Isak Shaikh		18	20	20	20	20
31157	Asif Baksh Shaikh Azim Baksh Shaikh		18	18	20	20	19
31158	Zishan Bashir Shaikh		AB	AB	AB	20	AB
31159	Sanket Shivhari Shinde		20	20	20	20	19
31160	Anil Babasaheb Shinde		AB	AB	AB	20	AB
31161	Tukaram Shinde Sudam		AB	AB	AB	20	AB
31162	Sanjay Moine Suyog		18	20	16	20	19
31163	Tushar Ravi Temkar		18	18	20	20	20
31164	Rohit Bhagvat Thorat		18	20	AB	AB	AB
31165	Sohail khan		AB	AB	AB	AB	AB
31166	Defalpurkar Shubham		AB	AB	AB	AB	AB
31167	Mendke Komal		AB	AB	AB	AB	AB
No. of studets in the Class:			67	67	67	67	67
No. of studets Appeared:			47	44	49	52	35
No. of students Passed:			47	44	48	52	35
Percentage of passed Students:			100%	100%	98%	100%	100%

  
Class Test Coordinator

  
H.O.D.

  
Principal





Shreeyash Pratishthan's

Shreeyash College of Engineering and Technology, Aurangabad

STATEMENT OF MARKS

FORMAT NO. STC/PR11/F/04



DEPARTMENT: Mechanical Engineering

ACADEMIC YEAR: 2020-21

DATE: 07/09/2020

CLASS: TE- B (V-Sem)

PART: I

CLASS TEST: I

Roll No.	Name of Student	Subject	HT	AT-I	MD-I	TOM-II	MQC
		Faculty	GND	KTP	VWP	DAD	AVK
		Seat No.	out of 20	out of 20	out of 20	out of 20	out of 20
31201	Bharat Zade Akash		AB	AB	AB	AB	AB
31202	Manisha Ganeshrao Bhutekar		20	20	20	20	8
31203	Adarsh Naravanrao Chaudhari		20	20	18	20	19
31204	Kaivlya Chandrashekar Chavan		20	AB	18	18	17
31205	Nikhil Sunil Desalepatil		20	18	20	20	20
31206	Pallavi Dattatraya Dhapate		AB	AB	AB	AB	AB
31207	Krishna Ramesh Funde		18	20	20	20	19
31208	Neha Devidas Futwaik		20	20	20	20	20
31209	Gorak Dada Gaikwad		20	18	18	20	19
31210	Prafulla Prakash Gajare		20	20	AB	AB	AB
31211	Devilal Ramdas Gangave		20	18	20	20	19
31212	Shubham Uttam Ghodke		18	20	18	20	19
31213	Pratibha Balaji Ghuge		18	20	20	18	20
31214	Sham Bhagwan Goje		20	14	18	AB	19
31215	Diksha Babarao Hirole		20	18	20	20	20
31216	Shubham Ravasaheb Jadhav		20	20	14	7	14
31217	Shubham Santosh Jadhav		AB	AB	20	20	18
31218	Sandesh Vishnu Jagtap		18	16	18	20	18
31219	Atul Madhukar Jatode		18	20	20	20	15
31220	Saurabh Ganesh Joshi		AB	AB	20	20	18
31221	Dhanshree Bhagwan Jumbad		20	16	18	20	18
31222	Manisha Gajanan Jumbad		18	20	20	10	20
31223	Krushna Dhuraji Kachkure		AB	20	AB	AB	AB
31224	Sarang Sunil Kale		20	18	16	AB	18
31225	Milind Sanjay Kambale		18	18	20	20	19
31226	Raju Prakash Kamble		8	10	14	AB	AB
31227	Srikant Dipak Kathar		20	20	20	20	19
31228	Popat Ravan Khadke		18	20	20	20	18
31229	Feroz Mahemood Khan		AB	AB	AB	AB	AB
31230	Swaraj Rajesh Khandarkar		18	20	AB	20	AB
31231	Yogesh Ganesh Kurliye		20	20	18	20	20
31232	Swapnil Chetan Lahane		18	20	18	20	20
31233	Kiran Vitthal Mete		18	14	18	18	20
31234	Shubham Shivsing Pardeshi		AB	AB	AB	AB	AB
31235	Gangadhar Subash Patil		AB	AB	AB	AB	AB
31236	Mayuri Mohan Pawar		20	18	18	20	18
31237	Purushottam Gorakhnath Pawar		20	20	20	18	20
31238	Rohan Somnath Pawar		20	16	18	20	19
31239	Shubham Babu Pawar		20	20	20	20	19
31240	Samadhan Balasaheb Pingle		18	20	20	20	19
31241	Ganesh Modhe Pooja		20	20	20	20	20
31242	Bhojraj Laxman Rathod		20	20	20	18	20
31243	Premising Dayalsing Rathod		18	16	20	20	18
31244	Somesh Sanjayrao Revanwar		AB	AB	AB	AB	AB
31245	Nitin Madhukar Salve		20	12	14	18	17
31246	Aslam Ali Taherali Sayyad		AB	AB	AB	AB	AB
31247	Fardin Farukh Shekh		20	16	20	20	18
31248	Mahesh Annasaheb Shinde		18	16	18	20	20
31249	Ajay Ashok Shirsath		16	14	20	18	13

31250	Vishal Saheblal Singal	20	18	20	18	16
31251	Vanita Shravan Sonavane	20	18	20	14	20
31252	Avinash Dattarao Sontakke	18	18	20	20	18
31253	Shivling Devidasrao Sundge	20	18	20	20	19
31254	Nikhil Nivrutti Tambekar	20	20	18	20	20
31255	Akash Deepak Tamboliya	20	20	16	20	20
31256	Pratiksha Rangnath Tarde	20	18	20	20	20
31257	Vaishnavi Shivaji Thakur	AB	AB	AB	AB	AB
31258	Aarti Sachin Thote	20	18	20	20	20
31259	Ganesh Vijay Thote	18	20	20	18	18
31260	Ashwin Gopi Vitke	18	20	18	20	20
31261	Pravin Appasaheb Vyavhare	20	20	20	20	18
31262	Pankaj Vishnu Wable	14	16	20	16	18
31263	Raju Arun Wadekar	18	20	16	20	20
31264	Mangesh Ashok Wagh	20	18	20	20	19
31265	Subodh Anil Waghmare	18	20	20	20	20
No. of studets in the Class:		65	65	65	65	65
No. of studets Appeared:		54	54	54	52	53
No. of students Passed:		53	53	54	50	52
Percentage of passed Students:		98%	98%	100%	96%	98%

  
Class Test Coordinator

  
H.O.D.

  
Principal





Shreeyash Pratishthan's

FORMAT NO. STC/PR11/F/04

Shreeyash College of Engineering and Technology, Aurangabad



## STATEMENT OF MARKS

DEPARTMENT: Mechanical Engineering

ACADEMIC YEAR: 2020-21

DATE: 02/10/2020

CLASS: TE- A (V Sem)

PART: I

CLASS TEST: II

Roll No.	Name of Student	Subject	HT	AT-I	MD-I	TOM-II	MQC
		Faculty	GND	KTP	VWP	DAD	AVK
		Seat No.	out of 20	out of 20	out of 20	out of 20	out of 20
31101	Vilas Vithal Achare		20	20	16	19	19
31102	Ankush Suresh Agale		18	19	18	19	19
31103	Pratiksha Kanhaiyalal Agrawal		20	20	20	19	20
31104	Aniket Satish Anjankar		20	19	18	20	20
31105	Swapni Achal Bagal		AB	AB	AB	AB	AB
31106	Vicky Dattatrai Bankar		AB	AB	AB	AB	AB
31107	Rohan Kailas Bansile		AB	AB	20	20	AB
31108	Ajay Bhausahab Barbaile		20	20	18	14	20
31109	Vishwajeet Rupchand Barthune		18	18	16	20	19
31110	Yashwant Satish Bawale		20	20	18	20	0
31111	Krushna Raghunath Borkar		18	18	6	18	8
31112	Devesh Chandrashekar Chakre		AB	AB	20	18	19
31113	Sudarshan Punjaram Chaudhari		20	20	20	19	20
31114	Amol Kalyan Chaudhary		18	20	18	20	19
31115	Pravin Baburao Chavan		18	19	20	20	19
31116	Swaraj Nanasaheb Chavan		16	14	20	20	19
31117	Nirajkumar Arvind Chavan		20	11	20	20	20
31118	Shubham Madhukar Dabhade		AB	AB	AB	AB	4
31119	Santosh Vikram Daund		AB	AB	20	20	20
31120	Yash Rajendra Deore		20	20	20	20	20
31121	Pranav Vivek Deshpande		20	20	20	20	20
31122	Rushikesh Tryambakrao Gadekar		0	20	18	20	18
31123	Shubham Narayan Gawande		20	17	20	18	20
31124	Onkar Kiran Gumte		20	18	20	19	18
31125	Atharva Vinayak Joshi		18	15	20	16	18
31126	Somesh Prakash Joshi		AB	AB	20	19	18
31127	Vasant Madhukar Kadam		AB	AB	AB	AB	AB
31128	Nitin Baban Kanjale		20	20	20	20	19
31129	Onkar Vishnu Karpe		18	20	18	20	20
31130	Navnath Raosaheb Katkar		AB	AB	AB	AB	AB
31131	Akash Sanjay Khambat		20	19	20	19	0
31132	Mansi Sunil Kulkarni		20	20	20	20	19
31133	Prasad Avinash Kulkarni		AB	AB	AB	AB	AB
31134	Rohan Ashokrao Kulkarni		18	20	20	18	20
31135	Tushar Mahadu Kurkute		20	20	20	20	20
31136	Akshay Sidram Landge		AB	20	20	20	20
31137	Sagar Madhukar Lasankar		16	20	20	19	19
31138	Madhavi Santosh Mahargude		20	20	20	20	20
31139	Manoj Sahebrao Mhaske		AB	AB	AB	AB	18
31140	Nikhil Nandkumar Mulay		18	19	20	19	19
31141	Satish Dnyaneshwar Murme		AB	AB	AB	AB	AB
31142	Amol Mothabhau Navale		20	20	20	20	19
31143	Rushikesh Somnath Pagar		AB	AB	20	19	20
31144	Dnyaneshwar Ranjit Panchal		20	20	20	19	19
31145	Sachin Sanjay Pandav		AB	AB	AB	AB	AB
31146	Shubham Raghunath Pangare		AB	AB	20	20	0
31147	Saurabh Arun Pangavkar		18	19	20	19	20
31148	Krishana Subhash Pawar		6	20	20	AB	19
31149	Parmeshwar Digambar Pawar		AB	AB	AB	AB	AB
31150	Rutvik Vaijinath Pawar		20	19	16	18	19
31151	Akash Ramdaras Prajapati		20	19	16	19	20

31152	Rahul Shantilal Rathod		0	20	20	20	19
31153	Pravin Mahadev Sawant		20	20	20	20	20
31154	Sohel Ibrahim Sayyed		AB	AB	AB	AB	AB
31155	Nitkesh Dilip Shahane		20	20	20	19	20
31156	Arshad Isak Shaikh		20	20	20	20	20
31157	Asif Baksh Shaikh Azim Baksh Shaikh		20	20	20	20	20
31158	Zishan Bashir Shaikh		20	20	20	20	20
31159	Sanket Shivhari Shinde		20	20	18	20	20
31160	Anil Babasaheb Shinde		AB	AB	20	19	19
31161	Tukaram Shinde Sudam		AB	AB	16	AB	AB
31162	Sanjay Moine Suyog		18	AB	20	20	20
31163	Tushar Ravi Temkar		20	20	20	19	19
31164	Rohit Bhagvat Thorat		AB	AB	AB	AB	AB
31165	Sohail Khan		20	19	18	20	18
31166	Defalpurkar Shubham		20	20	18	20	18
31167	Mendke Komal		20	20	20	20	19
No. of students in the Class:			67	67	67	67	67
No. of students Appeared:			46	46	55	53	55
No. of students Passed:			43	45	54	53	50
Percentage of passed Students:			93%	98%	98%	100%	91%

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Shreeyash Pratishthan's

Shreeyash College of Engineering and Technology, Aurangabad



## STATEMENT OF MARKS

DEPARTMENT: Mechanical Engineering

ACADEMIC YEAR: 2020-21

DATE: 02/10/2020

CLASS: TE-g (N Sem)

PART: I


CLASS TEST: II

Roll No.	Name of Student	Subject	HT	AT-I	MD-I	TOM-II	MQC
		Faculty	GND	KTP	VWP	DAD	AVK
		Seat No.	out of 20	out of 20	out of 20	out of 20	out of 20
31201	Bharat Zade Akash		AB	AB	AB	AB	AB
31202	Manisha Ganeshrao Bhutekar		8	AB	20	18	19
31203	Adarsh Narayanrao Chaudhari		AB	AB	20	20	AB
31204	Kaivlya Chandrashekar Chavan		20	17	18	20	19
31205	Nikhil Sunil Desalepatil		20	20	20	20	19
31206	Pallavi Dattatraya Dhapate		AB	AB	AB	AB	AB
31207	Krishna Ramesh Funde		0	20	20	20	20
31208	Neha Devidas Futwaik		20	20	20	18	20
31209	Gorak Dada Gaikwad		AB	AB	AB	AB	AB
31210	Prafulla Prakash Gajare		AB	AB	AB	AB	AB
31211	Devilal Ramdas Gangave		18	20	20	20	20
31212	Shubham Uttam Ghodke		20	17	16	19	19
31213	Pratibha Balaji Ghuge		20	20	16	20	17
31214	Sham Bhagwan Goje		AB	AB	AB	AB	AB
31215	Diksha Babarao Hirole		20	20	20	20	20
31216	Shubham Ravasaheb Jadhav		18	16	17	15	17
31217	Shubham Santosh Jadhav		20	17	20	17	20
31218	Sandesh Vishnu Jagtap		20	19	18	20	20
31219	Atul Madhukar Jatode		AB	AB	20	19	AB
31220	Saurabh Ganesh Joshi		AB	AB	AB	19	AB
31221	Dhanshree Bhagwan Jumbad		0	20	18	20	20
31222	Manisha Gajanan Jumbad		20	20	20	20	20
31223	Krushna Dhuraji Kachkure		AB	AB	AB	AB	AB
31224	Sarang Sunil Kale		AB	AB	AB	16	AB
31225	Milind Sanjay Kambale		20	20	18	20	20
31226	Raju Prakash Kamble		AB	16	18	15	11
31227	Srikant Dipak Kathar		20	18	20	19	19
31228	Popat Ravan Khadke		20	19	20	19	20
31229	Feroz Mahemood Khan		AB	AB	AB	AB	AB
31230	Swaraj Rajesh Khandarkar		AB	AB	AB	AB	AB
31231	Yogesh Ganesh Kurliye		20	20	20	20	20
31232	Swapnil Chetan Lahane		AB	AB	AB	AB	AB
31233	Kiran Vitthal Mete		20	20	20	20	19
31234	Shubham Shivsing Pardeshi		AB	AB	AB	AB	AB
31235	Gangadhar Subash Patil		AB	AB	AB	AB	AB
31236	Mayuri Mohan Pawar		AB	18	20	20	19
31237	Purushottam Gorakhnath Pawar		20	20	20	20	19
31238	Rohan Somnath Pawar		20	20	18	20	19
31239	Shubham Babu Pawar		20	19	18	18	19
31240	Samadhan Balasaheb Pingle		20	20	20	19	19
31241	Ganesh Modhe Pooja		20	20	20	20	20
31242	Bhojraj Laxman Rathod		20	20	18	19	14
31243	Premising Dayalsing Rathod		AB	19	20	18	20
31244	Somesh Sanjayrao Revanwar		AB	AB	AB	AB	AB
31245	Nitin Madhukar Salve		16	20	18	18	16
31246	Aslam Ali Taherali Sayyad		AB	AB	AB	AB	AB
31247	Fardin Farukh Shekh		20	20	18	19	19
31248	Mahesh Annasaheb Shinde		AB	AB	20	19	18

31249	Ajay Ashok Shirsath		0	18	18	20	20
31250	Vishal Saheblal Singal		14	16	20	19	19
31251	Vanita Shravan Sonavane		18	20	20	20	17
31252	Avinash Dattarao Sontakke		20	17	18	19	5
31253	Shivling Devidasrao Sundge		20	20	18	20	16
31254	Nikhil Nivrutti Tambekar		20	19	20	20	20
31255	Akash Deepak Tamboliya		20	20	20	19	20
31256	Pratiksha Rangnath Tarde		20	20	18	20	19
31257	Vaishnavi Shivaji Thakur		20	AB	AB	AB	AB
31258	Aarti Sachin Thote		20	20	20	19	20
31259	Ganesh Vijay Thote		20	20	20	20	20
31260	Ashwin Gopi Vitke		AB	AB	AB	AB	AB
31261	Pravin Appasaheb Vyavhare		20	20	20	17	20
31262	Pankaj Vishnu Wable		16	16	18	17	17
31263	Raju Arun Wadekar		AB	AB	20	20	20
31264	Mangesh Ashok Wagh		20	19	20	19	20
31265	Subodh Anil Waghmare		20	20	20	20	20
No. of studets in the Class:			65	65	65	65	65
No. of studets Appeared:			42	43	48	50	46
No. of students Passed:			38	43	48	50	45
Percentage of passed Students:			90%	100%	100%	100%	98%

  
Class test Coordinator

  
HOD

  
Principal





Shreeyash Pratishthan's

Shreeyash College of Engineering and Technology, Aurangabad



STATEMENT OF MARKS

DATE: 05 /11/2020

DEPARTMENT: MECHANICAL ENGG

ACADEMIC YEAR: 2020-21

CLASS: TE- A (V-Sem)

PART: I

EXAM: MID SEM

Roll No.	Name of Student	Subject	HT	AT-I	MD-I	TOM-II	MQC
		Faculty	GND	KTP	VWP	DAD	AVK
		Seat No.	out of 20	out of 20	out of 20	out of 20	out of 20
31101	Vilas Vithal Achare		20	18	18	18	19
31102	Ankush Suresh Agale		20	20	19	20	19
31103	Pratiksha Kanhaiyalal Agrawal		20	20	20	20	18
31104	Aniket Satish Anjanekar		18	20	20	20	18
31105	Swapni Achal Bagal		AB	AB	AB	AB	AB
31106	Vicky Dattatrai Bankar		20	20	0	20	19
31107	Rohan Kailas Bansile		20	20	19	18	18
31108	Ajay Bhausaheb Barbaile		20	20	19	20	18
31109	Vishwajeet Rupchand Barthune		20	20	19	19	18
31110	Yashwant Satish Bawale		20	19	20	20	19
31111	Krushna Raghunath Borkar		16	19	14	15	19
31112	Devesh Chandrashekhar Chakre		20	20	20	19	18
31113	Sudarshan Punjaram Chaudhari		20	20	20	20	18
31114	Amol Kalyan Chaudhary		20	20	20	20	19
31115	Pravin Baburao Chavan		18	11	19	17	20
31116	Swaraj Nanasaheb Chavan		20	20	20	19	18
31117	Nirajkumar Arvind Chavan		20	20	20	20	19
31118	Shubham Madhukar Dabhade		14	19	18	17	19
31119	Santosh Vikram Daund		20	20	20	20	19
31120	Yash Rajendra Deore		20	20	20	19	18
31121	Pranav Vivek Deshpande		20	19	20	20	19
31122	Rushikesh Tryambakrao Gadekar		20	20	19	18	19
31123	Shubham Narayan Gawande		20	20	20	19	18
31124	Onkar Kiran Gumte		20	19	20	19	19
31125	Atharva Vinayak Joshi		20	19	18	20	18
31126	Somesh Prakash Joshi		20	20	20	20	19
31127	Vasant Madhukar Kadam		AB	AB	AB	AB	AB
31128	Nitin Baban Kanjale		20	20	20	20	19
31129	Onkar Vishnu Karpe		20	20	20	20	18
31130	Navnath Raosaheb Katkar		AB	AB	AB	AB	AB
31131	Akash Sanjay Khambat		20	20	19	8	18
31132	Mansi Sunil Kulkarni		20	20	19	19	19
31133	Prasad Avinash Kulkarni		AB	AB	AB	AB	AB
31134	Rohan Ashokrao Kulkarni		20	20	19	19	19
31135	Tushar Mahadu Kurkute		20	20	20	20	19
31136	Akshay Sidram Landge		18	20	20	20	19
31137	Sagar Madhukar Lasankar		18	19	20	20	19
31138	Madhavi Santosh Mahargude		20	19	20	20	18
31139	Manoj Sahebrao Mhaske		20	20	18	18	18
31140	Nikhil Nandkumar Mulay		16	14	19	17	19
31141	Satish Dnyaneshwar Murme		20	20	19	18	19
31142	Amol Mothabhau Navale		20	20	20	20	19
31143	Rushikesh Somnath Pagar		20	20	20	19	19
31144	Dnyaneshwar Ranjit Panchal		AB	AB	AB	AB	AB
31145	Sachin Sanjay Pandav		AB	AB	AB	AB	AB
31146	Shubham Raghunath Pangare		20	20	20	17	19
31147	Saurabh Arun Pangavkar		20	20	20	20	19
31148	Krishana Subhash Pawar		20	20	19	20	19
31149	Parmeshwar Digambar Pawar		20	19	20	AB	18
31150	Rutvik Vaijinath Pawar		20	20	20	20	19

31151	Akash Ramdurns Prinjanti		20	20	19	20	19
31152	Rahul Shantilal Rathod		20	20	20	20	18
31153	Pravin Mahadev Sawant		20	19	20	20	19
31154	Sohel Ibrahim Sayyed		AB	AB	AB	AB	AB
31155	Nitkesh Dilip Shahane		20	20	20	20	19
31156	Arshad Isak Shaikh		20	20	19	20	19
31157	Asif Baksh Shaikh Azim Baksh Shaikh		20	20	20	20	19
31158	Zishan Bashir Shaikh		20	20	20	19	18
31159	Sanket Shivhari Shinde		20	20	20	20	19
31160	Anil Babasaheb Shinde		AB	AB	AB	AB	AB
31161	Tukaram Shinde Sudam		AB	10	19	15	6
31162	Sanjay Moine Suyog		20	20	20	20	19
31163	Tushar Ravi Temkar		20	20	19	20	19
31164	Rohit Bhagvat Thorat		AB	AB	AB	AB	AB
31165	Sohail Khan		20	20	20	20	19
31166	Shubham Dafalapurkar		20	20	20	20	19
31167	Komal Mendke		20	20	20	20	19
No. of studets in the Class:			67	67	67	67	67
No. of studets Appeared:			57	58	58	57	58
No. of students Passed:			57	56	57	56	57
Percentage of passed Students:			100%	97%	98%	98%	98%

  
Class Test Coordinator

  
H.O.D.

  
Principal





**Shreeyash Pratishtan's**  
**Shreeyash College of Engineering and Technology, Aurangabad**  
**STATEMENT OF MARKS**



DATE: 05/11/2020

DEPARTMENT: MECHANICAL ENGG

ACADEMIC YEAR: 2020-21

CLASS: TE- B (V-Sem)

PART: I

EXAM: MID SE MID SEM

Roll No.	Name of Student	Subject	HT	AT-I	MD-I	TOM-II	MQC
		Faculty	GND	KTP	VWP	DAD	AVK
		Seat No.	out of 20	out of 20	out of 20	out of 20	out of 20
31201	Bharat Zade Akash		18	19	19	19	AB
31202	Manisha Ganeshrao Bhutekar		20	19	20	AB	18
31203	Adarsh Narayanrao Chaudhari		20	20	19	18	16
31204	Kaivlya Chandrashekar Chavan		0	20	19	16	17
31205	Nikhil Sunil Desalepatil		20	20	20	20	17
31206	Pallavi Dattatraya Dhapate		AB	AB	AB	AB	AB
31207	Krishna Ramesh Funde		20	20	20	20	19
31208	Neha Devidas Futwaik		20	20	20	20	18
31209	Gorak Dada Gaikwad		AB	AB	AB	AB	AB
31210	Prafulla Prakash Gajare		AB	AB	AB	AB	AB
31211	Devilal Ramdas Gangave		20	20	19	19	18
31212	Shubham Uttam Ghodke		20	18	19	19	19
31213	Pratibha Balaji Ghuge		20	20	20	20	18
31214	Sham Bhagwan Goje		14	19	18	20	19
31215	Diksha Babarao Hirole		20	20	20	19	19
31216	Shubham Ravasaheb Jadhav		20	20	20	20	19
31217	Shubham Santosh Jadhav		20	20	18	17	19
31218	Sandesh Vishnu Jagtap		20	20	19	20	14
31219	Atul Madhukar Jatode		20	19	20	18	18
31220	Saurabh Ganesh Joshi		20	20	20	19	19
31221	Dhanshree Bhagwan Jumbad		20	20	18	19	19
31222	Manisha Gajanan Jumbad		20	20	20	19	18
31223	Krushna Dhuraji Kachkure		AB	AB	AB	AB	AB
31224	Sarang Sunil Kale		20	20	18	20	19
31225	Milind Sanjay Kambale		20	19	20	18	17
31226	Raju Prakash Kamble		16	14	15	14	10
31227	Srikant Dipak Kathar		AB	AB	AB	AB	AB
31228	Popat Ravan Khadke		20	18	19	20	19
31229	Feroz Mahemood Khan		AB	AB	AB	AB	AB
31230	Swaraj Rajesh Khandarkar		20	19	18	18	19
31231	Yogesh Ganesh Kurliye		20	20	20	20	19
31232	Swapnil Chetan Lahane		8	19	20	17	19
31233	Kiran Vitthal Mete		18	20	19	20	18
31234	Shubham Shivsing Pardeshi		AB	AB	AB	AB	AB
31235	Gangadhar Subash Patil		20	18	20	18	18
31236	Mayuri Mohan Pawar		20	20	19	17	19
31237	Purushottam Gorakhnath Pawar		20	20	20	20	19
31238	Rohan Somnath Pawar		20	20	20	19	18
31239	Shubham Babu Pawar		20	20	20	19	19
31240	Samadhan Balasaheb Pingle		20	20	20	20	19
31241	Ganesh Modhe Pooja		20	20	20	20	19
31242	Bhojraj Laxman Rathod		20	20	18	20	19
31243	Premising Dayalsing Rathod		20	17	17	20	19
31244	Somesh Sanjayrao Revanwar		20	20	18	19	18
31245	Nitin Madhukar Salve		20	18	19	20	18
31246	Aslam Ali Taherali Sayyad		20	20	20	19	17

31247	Fardin Farukh Shekh		16	18	18	19	18
31248	Mahesh Annasaheb Shinde		18	20	20	20	19
31249	Ajay Ashok Shirsath		20	18	20	20	19
31250	Vishal Saheblal Singal		18	20	18	19	18
31251	Vanita Shravan Sonavane		20	20	20	20	18
31252	Avinash Dattarao Sontakke		20	20	20	20	18
31253	Shivling Devidasrao Sundge		20	20	20	20	19
31254	Nikhil Nivrutti Tambekar		20	19	20	20	17
31255	Akash Deepak Tamboliya		20	20	20	20	17
31256	Pratiksha Rangnath Tarde		20	20	0	18	19
31257	Vaishnavi Shivaji Thakur		AB	19	14	0	19
31258	Aarti Sachin Thote		20	20	18	20	18
31259	Ganesh Vijay Thote		20	20	20	20	19
31260	Ashwin Gopi Vitke		20	19	AB	11	10
31261	Pravin Appasaheb Vyavhare		18	20	20	20	19
31262	Pankaj Vishnu Wable		20	19	19	19	AB
31263	Raju Arun Wadekar		18	20	19	19	18
31264	Mangesh Ashok Wagh		20	18	20	20	18
31265	Subodh Anil Waghmare		20	20	20	20	19
No. of studets in the Class:			65	65	65	65	65
No. of studets Appeared:			57	58	57	57	56
No. of students Passed:			55	58	56	56	54
Percentage of passed Students:			96%	100%	98%	98%	96%

  
Class Test Coordinator

  
H.O.D.

  
Principal





**Shreeyash Pratishthan's**  
**Shreeyash College of Engineering and Technology, Aurangabad**  
**STATEMENT OF MARKS**



DEPARTMENT: MECHANICAL ENGG

ACADEMIC YEAR: 2020-21

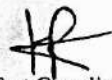
DATE: 08/09/2020

CLASS: SE- A (III Sem)

PART: I

CLASS TEST- I

Roll No.	Name of Student	Subject	EM-III	TD	MSM	FM	MDCAD
		Faculty	SAP	ZAS	GSD	SAS	AUK
		Seat No.	out of 20	out of 20	out of 20	out of 20	out of 20
21101	Shaikh Mustak		20	16	20	19	14
21102	Khoje Rushikesh		16	15	18	17	14
21103	Suradkar Tejas		20	18	20	19	8
21104	Dhakane Bhagvat		20	18	20	18	18
21105	Aditya Bembde		AB	AB	AB	AB	AB
21106	Etther Narayan		18	18	18	19	12
21107	Palhal Trimbakeshwar		20	17	AB	AB	AB
21108	Khotkar Yuvraj		AB	AB	20	19	14
21109	Shinde Navnath		20	17	20	19	16
21110	Nimbalkar Pratik		20	18	18	18	14
21111	Avantika Kolhe		AB	AB	AB	AB	AB
21112	Gajanan Chavan		AB	AB	AB	AB	AB
21113	Gulrej Khan		20	19	20	19	12
21114	Pawar Kartik		20	17	18	19	14
No. of studets in the Class:			14	14	14	14	14
No. of studets Appeared:			10	10	10	10	10
No. of students Passed:			10	10	10	10	10
Percentage of passed Students:			100%	100%	100%	100%	100%

  
Class Test Coordinator

  
H.O.D.

  
Principal



Shreeyash Pratishthan's  
**Shreeyash College of Engineering and Technology, Aurangabad**  
**STATEMENT OF MARKS**



DEPARTMENT: MECHANICAL ENGG

ACADEMIC YEAR: 2020-21

DATE: 02/10/2020

CLASS: SE- A (III Sem)

PART: I

CLASS TEST: II

Roll No.	Name of Student	Subject	EM-III	TD	MSM	FM	MDCAD
		Faculty	SAP	ZAS	GSD	SAS	AUK
		Seat No.	out of 20	out of 20	out of 20	out of 20	out of 20
21101	Shaikh Mustak		0	AB	18	11	14
21102	Khoje Rushikesh		AB	AB	AB	AB	18
21103	Suradkar Tejas		8	18	18	14	8
21104	Dhakane Bhagvat		12	AB	18	15	20
21105	Aditya Bembde		AB	AB	AB	AB	AB
21106	Etther Narayan		8	AB	AB	6	6
21107	Palhal Trimbakeshwar		AB	AB	AB	AB	AB
21108	Khotkar Yuvraj		8	20	20	15	18
21109	Shinde Navnath		12	20	AB	0	16
21110	Nimbalkar Pratik		10	20	20	12	18
21111	Avantika Kolhe		AB	AB	AB	AB	AB
21112	Gajanan Chavan		AB	AB	AB	AB	AB
21113	Gulrej Khan		AB	AB	AB	AB	AB
21114	Pawar Kartik		0	18	20	13	18
No. of studets in the Class:			14	14	14	14	14
No. of studets Appeared:			8	5	6	8	9
No. of students Passed:			7	5	6	6	8
Percentage of passed Students:			88%	100%	100%	75%	89%

Class Test Coordinator

H.O.D.

Principal





Shreeyash Pratishthan's

Shreeyash College of Engineering and Technology, Aurangabad



## STATEMENT OF MARKS

DEPARTMENT: MECHANICAL ENGG

ACADEMIC YEAR: 2020-21


DATE: 05/11/2020

CLASS: SE- A (III Sem)

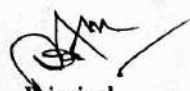
PART: I

EXAM: MED SEM

Roll No.	Name of Student	Subject	EM-III	TD	MSM	FM	MDCAD
		Faculty	SAP	ZAS	GSD	SAS	AUK
		Seat No.	I	I	I	I	I
21101	Shaikh Mustak		9	10	18	16	11
21102	Khoje Rushikesh		7	13	16	14	8
21103	Suradkar Tejas		9	19	12	17	13
21104	Dhakane Bhagvat		9	20	18	16	12
21105	Aditya Bembde		AB	AB	AB	AB	AB
21106	Etther Narayan		7	10	14	15	AB
21107	Palhal Trimbakeshwar		AB	AB	AB	AB	AB
21108	Khotkar Yuvraj		8	14	13	16	13
21109	Shinde Navnath		10	10	12	14	8
21110	Nimbalkar Pratik		10	14	18	16	10
21111	Avantika Kolhe		AB	AB	AB	AB	AB
21112	Gajanan Chavan		AB	AB	AB	AB	AB
21113	Gulrej Khan		AB	AB	AB	AB	AB
21114	Pawar Kartik		AB	13	AB	17	7
No. of studets in the Class:			14	14	14	14	14
No. of studets Appeared:			8	9	8	9	8
No. of students Passed:			6	9	8	9	7
Percentage of passed Students:			75%	100%	100%	100%	88%

  
 Class Test Coordinator

  
 H.O.D.

  
 Principal



SHREEYASH PRATISHTHAN'S  
**SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY**  
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**2.5 EVALUATION PROCESS AND REFORMS**



## **INTERNAL ASSESSMENT THROUGH TEST**

### **2] MID-SEMESTER EXAMINATION**



# SHREEYASH COLLEGE OF ENGINEERING AND TECHNOLOGY, AURANGABAD

## FIRST YEAR B.TECH. (MID SEM)Exam OCT-2019 TIME TABLE

### NEW COURSE

DAY & DATE	TIME	COURSE	SEM	SUBJECT
Thursday 3/10/2019	11.00 a.m. To 12.00 p.m.	B.Tech.	I	Energy and Environment Engineering ( Group A) Computer Programming in C (Group B)
Friday 4/10/2019	11.00 a.m. To 12.00 p.m.	B.Tech.	I	Engineering Physics ( Group A) Engineering Chemistry (Group B)
Saturday 5/10/19	11.00 a.m. To 12.00 p.m.	B.Tech.	I	Communication Skill (Group A)
Monday 7/10/19	11.00 a.m. To	B.Tech.	I	Engineering Mathematics-I ( Group A & Group B )
Wednesday 09/10/2019	11.00 a.m. To 12.00 p.m.	B.Tech.	I	Engineering Graphics (Group A) Engineering Mechanics (Group B)

*Shyoli*  
HOD

<b>DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE</b> <b>Mid Semester Examination – Oct 2019</b> <b>Course: B. Tech in Group-A &amp; B</b> <span style="float: right;"><b>Sem: I</b></span> <b>Subject Name: M-I</b> <span style="float: right;"><b>Subject Code: BTBS101</b></span> <b>Max Marks: 20</b> <span style="margin-left: 100px;"><b>Date:-07-10-2019</b></span> <span style="float: right;"><b>Duration:- 1 Hr.</b></span>	
<b>Instructions to the Students:</b> 1. All questions are compulsory	
<b>Q. 1</b>	Solve the following questions: <span style="float: right;"><b>6</b></span>
1.	If a square matrix such that $AA^T=I$ , then value of $A^T A$ is.... a) $A^2$ b) $I$ c) $A^{-1}$ d) None of these
2.	The maximum value of the rank of $4 \times 5$ matrix is.... a) 4    b) 5    c) 0    d) None of these
3.	The sum of the eigen values of a matrix is equal to .... a) 1    b) 0    c) The sum of the element of the principal diagonal    d) None of these
4.	If $z = \log(x^3+y^3-x^2y-xy^2)$ then $x \frac{\partial z}{\partial x} + y \frac{\partial z}{\partial y}$ is equal to ..... a) 3    b) 2    c) 0    d) None of these
5.	If $f(u)$ is homogeneous function of degree $n$ , then $x \frac{\partial u}{\partial x} + y \frac{\partial u}{\partial y}$ is equal to a) $nu$ b) $n(n-1)u$ c) $n \frac{f(u)}{f'(u)}$ d) $g(u)$
6.	If $u = \frac{\sqrt{x}-\sqrt{y}}{\sqrt{x}+\sqrt{y}}$ is homogeneous function of degree.... a) 0    b) 1    c) $\frac{1}{2}$ d) None of these
<b>Q.2</b>	Solve Any Two of the following. <span style="float: right;"><b>3 * 2</b></span>
(A)	Find the rank of the matrix $A = \begin{bmatrix} 1 & 1 & -1 & 1 \\ 1 & -1 & 2 & -1 \\ 3 & 1 & 0 & 1 \end{bmatrix}$
(B)	If $u = \sin^{-1} \frac{x+y}{\sqrt{x}+\sqrt{y}}$ then Prove that $x \frac{\partial u}{\partial x} + y \frac{\partial u}{\partial y} = \frac{1}{2} \tan u$
(C)	Show that the equation $x+2y-z=3$ ; $3x-y+2z=1$ ; $2x-2y+3z=2$ ; $x-y+z=-1$ are consistent & hence solve.
<b>Q. 3</b>	Solve Any Two of the following. <span style="float: right;"><b>4*2</b></span>
(A)	Use Gauss Jordan method to find the inverse of the given matrix $A = \begin{bmatrix} 2 & 0 & -1 \\ 5 & 1 & 0 \\ 0 & 1 & 3 \end{bmatrix}$
(B)	Find the eigen values of the matrix $A = \begin{bmatrix} 3 & 1 & 4 \\ 0 & 2 & 6 \\ 0 & 0 & 5 \end{bmatrix}$
(C)	If $u = \sin(\frac{x}{y})$ where $x = e^t$ & $y = t^2$ find $\frac{du}{dt}$
(D)	Find $A^{-1}$ by Cayley Hamilton theorem, $A = \begin{bmatrix} 1 & 2 & 3 \\ 2 & 4 & 5 \\ 3 & 5 & 6 \end{bmatrix}$
.....Best Of Luck.....	





SHREEYASH PRATISHTHAN'S  
Shreeyash Technical Campus  
Shreeyash College of Engineering & Technology,  
Engineering Science Department



Attendance sheet  
MID TERM OCT- 2019

Academic 2019-20 (SEM-I)

CLASS :FE-I(MECH+CIVIL)

Date: 07-10-2019

~~01-10-2019~~

Subject:

EM-I

Sr. No.	Roll No.	PRN	Name of Students	Branch	Signature
1	1101	20211220191161210007	Bembade Aditya Pandurang	MECH	
2	1102	20211220191161210001	Chavan Gajanan Uddhav	MECH	
3	1103	20211220191161210010	Dhakne Bhagwat Ashok	MECH	
4	1104	20211220191161210006	Etther Narayan Baburao	MECH	
5	1105		Jogdand Abhijeet Bandu	MECH	
6	1106	20211220191161210009	Khoje Rushikesh Dnyaneshwar	MECH	
7	1107	20211220191161210005	Khotkar Yuvraj Ramesh	MECH	
8	1108		Laghane Kedar Tukaram	MECH	
9	1109	20211220191161210003	Nimbalkar Pratik Kishor	MECH	
10	1110	20211220191161210008	Palhal Trimbakeshwar Somnath	MECH	
11	1111	20211220191161210012	Shaikh Mustak Rasul	MECH	
12	1112	20211220191161210004	Shinde Navnath Vishnu	MECH	
13	1113	20211220191161210011	Suradkar Tejas Sanjay	MECH	
14	1114	20211220191161210002	Kolhe Avantika Madhukar	MECH	
15	1115	20211220191119110059	Kharote Ritika Abhay	CIVIL	
16	1116	20211220191119110065	Chaudhari Bharat Sukhdev	CIVIL	
17	1117	20211220191119110060	Chavan Ajay Raju	CIVIL	
18	1118	20211220191119110061	Chavan Avinash Devichand	CIVIL	
19	1119	20211220191119110058	Chavan Jaypal Madan	CIVIL	
20	1120	20211220191119110057	Etther Shubham Arjun	CIVIL	
21	1121	20211220191119110055	Gadhe Atharva Sopan	CIVIL	
22	1122	20211220191119110062	Idhate Pradip Vitthal	CIVIL	
23	1123	20211220191119110063	Khadse Vaibhav Prakash	CIVIL	
24	1124	20211220191119110064	Mane Amol Uddhav	CIVIL	
25	1125	20211220191119110054	Rathod Vaibhav Bhimrao	CIVIL	
26	1126	20211220191119110066	Sonune Pavan Gangaram	CIVIL	

Total Number Of Present Students : 22

Name Of Invigillator with Sign :

Subject Teacher

S. P. Kulkarni

HOD





Academic 2019-20

Date: 7/ 10 /19

SHREEYASH PRATISHTHAN'S  
Shreeyash Technical Campus  
Shreeyash College of Engineering & Technology,  
Engineering Science Department

Attendance sheet

MID TERM OCT- 2019



CLASS :FE-II (CSE+EE+ETC)

Subject: EM-I

Sr. No.	Roll No.	PRN	Name of Students	Branch	Signature
1	1201	20211220191124210002	Bharti Gayatri Suryakant	CSE	
2	1202	20211220191124210005	Funde Netra Parmeshwar	CSE	
3	1203	20211220191124210022	Hebade Rupali Dilip	CSE	
4	1204	20211220191124210013	Katkamwar Bhagyashri Nagesh	CSE	
5	1205	20211220191124210020	Pawar Pooja Rajendra	CSE	
6	1206	20211220191124210021	Pawar Rutuja Badrinath	CSE	
7	1207	20211220191129310001	Rathod Rutuja Prakash	EE	
8	1208	20211220191129310005	Shendre Tejaswini Vishwanath	EE	
9	1209	20211220191124210012	Bankar Akash Chabu	CSE	
10	1210	20211220191124210009	Changulpaye Umesh Vijay	CSE	
11	1211	20211220191124210023	Chavan Sanket Rajendra	CSE	
12	1212	20211220191124210015	Choudhari Jaiprakash Prabhudayal	CSE	
13	1213	20211220191124210007	Dawkare Ganesh Kisanrao	CSE	
14	1214	20211220191124210011	Gaikwad Shubham Shrawan	CSE	
15	1215	20211220191124210001	Hajare Akash Suresh	CSE	
16	1216	20211220191124210047	Jadhav Sandip Subhash	CSE	
17	1217	20211220191124210003	Jadhav Shreedhar Sahebrao	CSE	
18	1218	20211220191124210016	Kadare Anish Babarao	CSE	
19	1219	20211220191124210018	Madane Shubham Sanjay	CSE	



Sr. No.	Roll No.		Name of Students	Branch	
20	1220	20211220191124210017	Narke Mayur Mohan	CSE	
21	1221	20211220191124210004	Pawal Pawan Vishwanath	CSE	
22	1222	20211220191124210008	Rathod Suraj Raju	CSE	
23	1223	20211220191124210010	Salunke Govinda Kaduba	CSE	
24	1224	20211220191124210019	Shingare Shriram Dattatray	CSE	
25	1225	20211220191124210014	Vaishnav Sagar Dayanand	CSE	
26	1226	20211220191124210006	Yalpalwar Giriraj Sayalu	CSE	
27	1227		Dhire Govind Bansi	EE	
28	1228	20211220191129310003	Gaikwad Anil Pandharinath	EE	
29	1229	20211220191129310002	Kakde Pradip Rambhau	EE	
30	1230	20211220191129310011	Parsuwale Mo Habib Mo Hadi	EE	
31	1231	20211220191129310004	Payghan Shubham Sanjay	EE	
32	1232	20211220191137210002	Adhav Akash Vishnu	ETC	
33	1233	20211220191137210001	Gangawane Akash Ananda	E&TC	
34	1234	20211220191129310012	Ajay Rathod Ramdsa	EE	

Total Number Of Present Students : 34

Name Of Invigillator with Sign : A. H. Rokade -

Subject Teacher

HOD



Academic 2019-20 (SEM-I)

CLASS : FE-I(MECH+CVIL)

MID TERM RESULT

Sr. No.	Roll No.	Name of Students	EM-1	PHY	EEE	EG	CS
1	1101	Bembade Aditya Pandurang	19	20	19	19	16
2	1102	Chavan Gajanan Uddhav	20	20	19	14	17
3	1103	Dhakne Bhagwat Ashok	20	18	20	16	18
4	1104	Etther Narayan Baburao	17	13	11	15	12
5	1105	Jogdand Abhijeet Bandu	AB	AB	AB	AB	AB
6	1106	Khoje Rushikesh Dnyaneshwar	18	17	14	15	13
7	1107	Khotkar Yuvraj Ramesh	AB	AB	AB	AB	AB
8	1108	Laghane Kedar Tukaram	AB	AB	AB	AB	AB
9	1109	Nimbalkar Pratik Kishor	19	12	17	15	12
10	1110	Palhal Trimbakeshwar Somnath	19	8	13	14	9
11	1111	Shaikh Mustak Rasul	20	18	16	17	18
12	1112	Shinde Navnath Vishnu	16	14	14	12	14
13	1113	Suradkar Tejas Sanjay	19	18	19	11	17
14	1114	Kolhe Avantika Madhukar	15	16	18	10	15
15	1115	Kharote Ritika Abhay	10	15	18	15	18
16	1116	Chaudhari Bharat Sukhdev	20	19	20	18	19
17	1117	Chavan Ajay Raju	18	13	17	13	17
18	1118	Chavan Avinash Devichand	19	19	17	13	15
19	1119	Chavan Jaypal Madan	AB	AB	AB	AB	AB
20	1120	Etther Shubham Arjun	14	6	3	5	6
21	1121	Gadhe Atharva Sopan	16	14	7	17	11
22	1122	Idhate Pradip Vitthal	19	17	10	14	16
23	1123	Khadse Vaibhav Prakash	15	11	13	19	13
24	1124	Mane Amol Uddhav	18	12	15	16	12
25	1125	Rathod Vaibhav Bhimrao	18	19	16	17	17
26	1126	Sonone Pavan Gangaram	13	17	17	10	19

Class Teacher

HOD

Principal





SHREEYASH PRATISHTHAN'S  
Shreeyash Technical Campus  
Shreeyash College of Engineering & Technology,  
Engineering Science Department  
MID TERM RESULT



Academic 2019-20

CLASS :FE-II (CSE+EE+ETC)

Marks : 100

Sr. No.	Roll No.	Name of Students	EM-I	CHEM	EM	CPC
1	1201	Bharti Gayatri Saryakant	17	16	11	17
2	1202	Funde Netra Parmeshwar	20	19	14	17
3	1203	Hebade Rupali Dilip	15	18	12	15
4	1204	Katkamwar Bhagyashri Nagesh	20	20	16	19
5	1205	Pawar Pooja Rajendra	15	17	12	14
6	1206	Pawar Rutuja Badrinath	14	15	12	16
7	1207	Rathod Rutuja Prakash	20	20	18	16
8	1208	Shendre Tejaswini Vishwanath	19	19	13	18
9	1209	Bankar Akash Chabu	14	15	13	10
10	1210	Changulpaye Umesh Vijay	20	19	14	19
11	1211	Chavan Sanket Rajendra	20	20	16	20
12	1212	Choudhari Jaiprakash Prabhudayal	16	19	13	19
13	1213	Dawkare Ganesh Kisanrao	20	18	13	20
14	1214	Gaikwad Shubham Shrawan	20	20	20	19
15	1215	Hajare Akash Suresh	20	19	20	19
16	1216	Jadhav Sandip Subhash	14	14	17	17
17	1217	Jadhav Shreedhar Sahebrao	14	14	20	18
18	1218	Kadare Anish Babarao	20	20	20	20
19	1219	Madane Shubham Sanjay	13	14	18	17

	Roll No.	Name of Students	EM-I	CHEM	EM	CPC
20	1220	Narke Mayur Mohan	11	11	13	17
21	1221	Pawal Pawan Vishwanath	19	13	20	19
22	1222	Rathod Suraj Raju	20	20	19	19
23	1223	Salunke Govinda Kaduba	19	11	15	16
24	1224	Shingare Shriram Dattatray	11	11	6	9
25	1225	Vaishnav Sagar Dayanand	16	13	9	17
26	1226	Yalpalwa Giriraj Sayalu	19	17	20	19
27	1227	Dhire Govind Bansi	5	6	4	5
28	1228	Gaikwad Anil Pandharinath	16	14	18	18
29	1229	Kakde Pradip Rambhau	18	16	12	18
30	1230	Parsuwale Mo Habib Mo Hadi	12	8	15	12
31	1231	Payghan Shubham Sanjay	12	12	15	19
32	1232	Adhav Akash Vishnu	20	18	17	19
33	1233	Gangawane Akash Ananda	19	19	20	19
34	1234	Ajay Rathod	10	12	13	15

  
Class Teacher

  
HOD

  
PRINCIPAL





# Shreeyash College of Engineering & Technology, Aurangabad.



Shreeyash Pratishthan's

Academic Year 2019 Semester: 1<sup>st</sup> Date: 07/10/19

Name: BHARAT CHAUDHART (20211220191191100657)

Class (Branch): Civil [EEI] Roll No. 1116 Subject M-I

Mid  
Class  
Test No.:

1

Student  
Sign.:

Invigilator  
Sign.

Marks  
Obtained  
out of:

20  
20

Subject  
Teacher Sign.:

Q11	—
Ans	b) I
Q12	—
Ans	a) 4
Q13	—
Ans	c) The sum of elements of the principle diagonal
Q14	—
Ans	a) 3
Q15	—
Ans	a) $n \frac{f(u)}{F(u)}$
Q16	—
Ans	a) 0

of



Q2)

A)  $\therefore$ 

given

$$A = \begin{bmatrix} 1 & 1 & -1 & 1 \\ 1 & -1 & 2 & -1 \\ 3 & 1 & 0 & 1 \end{bmatrix}$$

$$R_2 \rightarrow R_2 - R_1 \quad R_3 \rightarrow R_3 - 3R_1$$

$$\therefore A \rightsquigarrow \begin{bmatrix} 1 & 1 & -1 & 1 \\ 0 & -2 & 3 & -2 \\ 0 & -2 & 3 & -2 \end{bmatrix}$$

$$R_3 \rightarrow R_3 + R_2$$

$$A \rightsquigarrow \begin{bmatrix} 1 & 1 & -1 & 1 \\ 0 & -2 & 3 & -2 \\ 0 & 0 & 0 & 0 \end{bmatrix}$$

$$R_2 \rightarrow R_2 / -2$$

$$A \rightsquigarrow \begin{bmatrix} 1 & 1 & -1 & 1 \\ 0 & 1 & -3/2 & 1 \\ 0 & 0 & 0 & 0 \end{bmatrix}$$

$\therefore$  in above matrix no. of non zero row is 2.

$\therefore$  Rank of matrix  $A = 2$

$\therefore$   $S(A) = 2$



B)

—:  $u = \sin^{-1} \frac{x+y}{\sqrt{x+iy}}$  ... given

$$\sin u = \frac{x+y}{\sqrt{x+iy}}$$

in above eqn?  
but put  $x = xt$   $y = yt$

$$\sin u = \frac{xt + yt}{\sqrt{xt + iy}}$$

$$\sin u = \frac{t(x+y)}{t^{1/2}(\sqrt{x+iy})}$$

$$\sin u = t^{1/2} \frac{(x+y)}{(\sqrt{x+iy})}$$

$\therefore f(u) = u$  is an Homogeneous function of degree  $\frac{1}{2}$

$$\therefore n = \frac{1}{2}$$

$$\therefore f(u) = \sin u$$

$$\therefore f'(u) = \cos u$$

We know.

$$x \frac{\partial u}{\partial x} + y \frac{\partial u}{\partial y} = n \cdot \frac{f(u)}{f'(u)}$$



$$x \frac{\partial u}{\partial x} + y \frac{\partial u}{\partial y} = \frac{1}{2} \frac{\sin u}{\cos u}$$

$$x \frac{\partial u}{\partial x} + y \frac{\partial u}{\partial y} = \frac{1}{2} \tan u$$

$$\therefore \text{L.H.S} = \text{R.H.S}$$

Hence prove

Q3



Q3)

A)  $\therefore$  given

$$A = \begin{bmatrix} 2 & 0 & -1 \\ 5 & 1 & 0 \\ 0 & 1 & 3 \end{bmatrix}$$

by Augmented matrix form  
 $[A:I]$

$$\therefore [A:I] = \begin{bmatrix} 2 & 0 & -1 & : & 1 & 0 & 0 \\ 5 & 1 & 0 & : & 0 & 1 & 0 \\ 0 & 1 & 3 & : & 0 & 0 & 1 \end{bmatrix}$$

$$R_1 \leftrightarrow 3R_1 - R_2$$

$$= \begin{bmatrix} 1 & -1 & -3 & : & 3 & -1 & 0 \\ 5 & 1 & 0 & : & 0 & 1 & 0 \\ 0 & 1 & 3 & : & 0 & 0 & 1 \end{bmatrix}$$

$$R_2 \rightarrow R_2 - 5R_1$$

$$[A:I] \rightsquigarrow \begin{bmatrix} 1 & -1 & -3 & : & 3 & -1 & 0 \\ 0 & 6 & 15 & : & -15 & 6 & 0 \\ 0 & 1 & 3 & : & 0 & 0 & 1 \end{bmatrix}$$

$$R_2 \rightarrow R_2 \leftrightarrow R_3$$

$$[A:I] \rightsquigarrow \begin{bmatrix} 1 & -1 & -3 & : & 3 & -1 & 0 \\ 0 & 1 & 3 & : & 0 & 0 & 1 \\ 0 & 6 & 15 & : & -15 & 6 & 0 \end{bmatrix}$$



$$(A:I) \rightsquigarrow \begin{bmatrix} 1 & -1 & -3 & : & 3 & -1 & 0 \\ 0 & 1 & 3 & : & 0 & 0 & 1 \\ 0 & 6 & 15 & : & -15 & 6 & 0 \end{bmatrix}$$

$$R_3 \rightarrow R_3/3$$

$$(A:I) \rightsquigarrow \begin{bmatrix} 1 & -1 & -3 & : & 3 & -1 & 0 \\ 0 & 1 & 3 & : & 0 & 0 & 1 \\ 0 & 2 & 5 & : & -5 & 2 & 0 \end{bmatrix}$$

$$R_1 \rightarrow R_1 + R_2$$

$$(A:I) \rightsquigarrow \begin{bmatrix} 1 & 0 & 0 & : & 3 & -1 & 1 \\ 0 & 1 & 3 & : & 0 & 0 & 1 \\ 0 & 2 & 5 & : & -5 & 2 & 0 \end{bmatrix}$$

$$R_3 \rightarrow R_3 - 2R_1$$

$$(A:I) \rightsquigarrow \begin{bmatrix} 1 & 0 & 0 & : & 3 & -1 & 1 \\ 0 & 1 & 3 & : & 0 & 0 & 1 \\ 0 & 0 & -1 & : & -5 & 2 & -2 \end{bmatrix}$$

$$R_2 \rightarrow R_2 + 3R_3$$

$$(A:I) \rightsquigarrow \begin{bmatrix} 1 & 0 & 0 & : & 3 & -1 & 1 \\ 0 & 1 & 0 & : & -15 & -6 & -5 \\ 0 & 0 & -1 & : & -5 & 2 & -2 \end{bmatrix}$$

$$R_3 \rightarrow -R_3$$

$$(A:I) \rightsquigarrow \begin{bmatrix} 1 & 0 & 0 & : & 3 & -1 & 1 \\ 0 & 1 & 0 & : & -15 & -6 & -5 \\ 0 & 0 & 1 & : & 5 & -2 & 2 \end{bmatrix}$$



$$[A: I] = [I: A^{-1}]$$

$$\therefore A^{-1} = \begin{bmatrix} 3 & -1 & 1 \\ -15 & -6 & -5 \\ 5 & -2 & 2 \end{bmatrix}$$

04

B)

$$A = \begin{bmatrix} 3 & 1 & 4 \\ 0 & 2 & 6 \\ 0 & 0 & 5 \end{bmatrix}$$

$$\text{Now, } \Delta(A - \lambda I) = 0$$

$$\therefore \begin{vmatrix} 3 & 1 & 4 \\ 0 & 2 & 6 \\ 0 & 0 & 5 \end{vmatrix} \rightarrow \begin{vmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{vmatrix} = 0$$

$$\begin{vmatrix} 3 \rightarrow & 1 & 4 \\ 0 & 2 \rightarrow & 6 \\ 0 & 0 & 5 \rightarrow \end{vmatrix} = 0 \quad \text{--- (A)}$$

The characterist



The characteristic eq<sup>n</sup> of  
The matrix is

$$\lambda^3 - S_1\lambda^2 + S_2\lambda - |A| = 0 \quad \text{--- (B)}$$

$$S_1 = \text{sum of diagonal} \\ = 2 + 1 + 3 + 3 + 2 + 5$$

$$S_1 = 10$$

$S_2 =$  sum of co-ff. of diagonal element

$$= 10 + 15 + 6$$

$$S_2 = 31$$

$$|A| = 3(10 - 0) - 1(0 - 0) + 4(0 - 0)$$

$$= 3(10) - 0 + 0$$

$$|A| = 30$$

Put the value of  
 $S_1 = 10$ ,  $S_2 = 31$  &  $|A| = 30$   
in eq<sup>n</sup> (B) we get.

$$\lambda^3 - 10\lambda^2 + 31\lambda - 30 = 0$$

$$\therefore \lambda = 5, 3, 2$$

The eigen values of  
given matrix is 5, 3, 2



Academic Year 2019 Semester: 1st Date: 07/10/19 Supplement No: 1

Name: BAARAT CHAUDHARI


Class (Branch): Civil

Roll No. 1116

Subject M.T

mid  
Class  
Test No.: I

Student  
Sign.: 

Invigilator  
Sign. 

Marks  
Obtained  
out of:

Subject  
Teacher Sign.:

D

given

matrix is

$$A = \begin{bmatrix} 1 & 2 & 3 \\ 2 & 4 & 5 \\ 3 & 5 & 6 \end{bmatrix}$$

The characteristic eqn of  
A and matrix is

$$\lambda^3 - S_1\lambda^2 + S_2\lambda - |A| = 0 \quad \text{--- (1)}$$

$$S_1 = 1 + 4 + 6 = 11$$

$$S_2 = (2 \cdot 4 - 2 \cdot 5) + (6 \cdot 9) + (4 \cdot 4) \\ = -1 + (-3) + 0$$

$$= -1 - 3 + 0$$

$$S_2 = -4$$

$$|A| = 1(24 - 25) - 2(12 - 15) + 3(10 - 12) \\ = -1 + 6 - 6$$

$$|A| = -1$$



Put the value of

$$S_1 = 11$$

$$S_2 = -4$$

$$|A| = -1$$

in eqn (1) we get

$$\lambda^3 - 11\lambda^2 + (-4)\lambda - (-1) = 0$$

$$\lambda^3 - 11\lambda^2 - 4\lambda + 1 = 0$$

in above eqn replace  $\lambda$  by  $A$   
we get

$$A^3 - 11A^2 - 4A + I = 0$$

Multiply above eqn by  $A^{-1}$   
we get.

$$A^{-1}A^3 - 11A^2A^{-1} - 4AA^{-1} + IA^{-1} = 0$$

$$A^2 - 11A - 4I + A^{-1} = 0$$

$$A^{-1} = A^2 - 11A - 4I = 0 \quad \text{--- (A)}$$

Now

$$A^2 = A \cdot A$$



$$A^2 = \begin{array}{|c|c|c|} \hline 1 & 2 & 3 \\ \hline 2 & 4 & 5 \\ \hline 3 & 5 & 6 \\ \hline \end{array} \quad \begin{array}{|c|c|c|} \hline 1 & 2 & 3 \\ \hline 2 & 4 & 5 \\ \hline 3 & 5 & 6 \\ \hline \end{array}$$

$$= \begin{array}{|c|c|c|} \hline 1+4+9 & 2+8+15 & 3+10+18 \\ \hline 2+8+15 & 4+16+25 & 6+20+30 \\ \hline 3+10+18 & 6+20+30 & 9+25+36 \\ \hline \end{array}$$

$$A^2 = \begin{array}{|c|c|c|} \hline 14 & 25 & 31 \\ \hline 25 & 45 & 56 \\ \hline 31 & 56 & 70 \\ \hline \end{array}$$

Put the value of  $A^2$  in eq<sup>n</sup> (A)  
we get

$$-A^{-1} = \begin{array}{|c|c|c|} \hline 14 & 25 & 31 \\ \hline 25 & 45 & 56 \\ \hline 31 & 56 & 70 \\ \hline \end{array} \quad \begin{array}{|c|c|c|} \hline 1 & 2 & 3 \\ \hline 2 & 4 & 5 \\ \hline 3 & 5 & 6 \\ \hline \end{array}$$

$$-4 \begin{array}{|c|c|c|} \hline 1 & 0 & 0 \\ \hline 0 & 1 & 0 \\ \hline 0 & 0 & 1 \\ \hline \end{array}$$

$$-A^{-1} = \begin{array}{|c|c|c|} \hline 14-11-4 & 25-22-0 & 31-33-0 \\ \hline 25-22-0 & 45-44-4 & 56-55-0 \\ \hline 31-33-0 & 56-55-0 & 70-66-4 \\ \hline \end{array}$$

~~⊙~~



$$-A^{-1} = \begin{bmatrix} 0 & 3 & -2 \\ 3 & -3 & 1 \\ -2 & 1 & 0 \end{bmatrix} = A$$

$$\therefore A^{-1} = \begin{bmatrix} 0 & -3 & 2 \\ -3 & 3 & -1 \\ 2 & -1 & 0 \end{bmatrix} = -A$$

07





# Shreeyash College of Engineering & Technology, Aurangabad.

Shreeyash Pratishthan's

Academic Year 2019-20 Semester: I

Date: 07/10/2019



Name: Kalkamwar Bhagyashri Nagesh

Class (Branch): CSE

Roll No. 1204

Subject Math

Class Test No.: Mid sem

Student Sign.: Bhagyashri

Inviigilator Sign.

Marks Obtained out of: 20/20

Subject Teacher Sign.:

Q.1

1. if a square matrix such that  $AA^T = I$ , then value of  $A^T A$  is  $I$

2. The maximum value of the rank of  $4 \times 5$  matrix is 4

3. The sum of eigen value of matrix is equal to sum of the element of the principal diagonal

4. if  $z = \log(x^3 + y^3 + x^2y - xy^2)$  then  $x \frac{dz}{dx} + y \frac{dz}{dy}$  is equal to 3

5. if  $f(u)$  is homogenous function of degree  $n$ , then  $x \frac{du}{dx} + y \frac{du}{dy}$  is equal to

$$\frac{n f(u)}{f'(u)}$$

6. if  $u = \frac{\sqrt{x} - \sqrt{y}}{\sqrt{x} + \sqrt{y}}$  is homogenous function of degree 0

ok



Q. 2.

$$A = \begin{bmatrix} 1 & 1 & -1 & 1 \\ 1 & -1 & 2 & -1 \\ 3 & 1 & 0 & 1 \end{bmatrix}$$

$$R_2 \rightarrow R_2 - R_1$$

$$\begin{bmatrix} 1 & 1 & -1 & 1 \\ 0 & -2 & 3 & -2 \\ 3 & 1 & 0 & 1 \end{bmatrix}$$

$$\begin{array}{cccc} 1 & -1 & 2 & -1 \\ -1 & -1 & -1 & -1 \\ \hline 0 & -2 & 3 & -2 \end{array}$$

$$R_3 \rightarrow R_3 - 3R_1$$

$$\begin{bmatrix} 1 & 1 & -1 & 1 \\ 0 & -2 & 3 & -2 \\ 0 & -2 & +3 & -2 \end{bmatrix}$$

$$\begin{array}{cccc} 3 & 1 & 0 & 1 \\ -3 & -3 & -3 & -3 \\ \hline 0 & -2 & +3 & -2 \end{array}$$

$$R_3 \rightarrow R_3 - R_2$$

$$\begin{bmatrix} 1 & 1 & -1 & 1 \\ 0 & -2 & 3 & -2 \\ 0 & 0 & 0 & 0 \end{bmatrix}$$

$$\begin{array}{cccc} 0 & -2 & +3 & -2 \\ -0 & -2 & -3 & -2 \\ \hline 0 & 0 & 0 & 0 \end{array}$$

There is number of nonzero row is 2

then  $\rho(A) = 2$

rank of  $A = 2$ .



Q.  $u = \sin^{-1} \left( \frac{x+y}{\sqrt{x^2+y^2}} \right)$

To prove  $x \frac{du}{dx} + y \frac{du}{dy} = \frac{1}{2} \tan u$

$\sin u = z = \frac{x+y}{\sqrt{x^2+y^2}}$

$z$  is homogenous function of  $x$  and  $y$ .

$z$  is function of  $u$ .

by Euler's theorem.

$$x \frac{dz}{dx} + y \frac{dz}{dy} = n f(u) \quad - (1)$$

$$f'(u)$$

To find  $n$  that is degree

$$= \frac{x+y}{\sqrt{x^2+y^2}}$$

$$= x \left( 1 + \frac{y}{x} \right)$$

$$\sqrt{x^2 \left( 1 + \frac{y^2}{x^2} \right)}$$

$$x^{1/2} f\left(\frac{y}{x}\right)$$

$$n = \frac{1}{2}, \quad u = \sin u$$

substituting (1)

$$x \frac{du}{dx} + y \frac{du}{dy} = \frac{1}{2} \frac{\sin u}{\cos u}$$

$$= \frac{1}{2} \tan u$$

Hence proved.



Q. 8

A.

Gauss Jordan method

$$A = \begin{bmatrix} 2 & 0 & -1 \\ 5 & 1 & 0 \\ 0 & 1 & 3 \end{bmatrix}$$

Consider augmented matrix  $[A:I]$ 

$$[A:I] = \left[ \begin{array}{ccc|ccc} 2 & 0 & -1 & 1 & 0 & 0 \\ 5 & 1 & 0 & 0 & 1 & 0 \\ 0 & 1 & 3 & 0 & 0 & 1 \end{array} \right]$$

$$R_2 \rightarrow R_2 - 2R_1$$

$$\begin{array}{ccc|ccc} & & & & & & 5 & 1 & 0 & 0 & 1 & 0 \\ \left[ \begin{array}{ccc|ccc} 2 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & 2 & 0 & 1 & 0 \\ 0 & 1 & 3 & 0 & 0 & 1 \end{array} \right] & & & \underline{\underline{4}} & \underline{\underline{0}} & \underline{\underline{-2}} & \underline{\underline{2}} & \underline{\underline{0}} & \underline{\underline{0}} \\ & & & 1 & 1 & 2 & -2 & 1 & 0 \end{array}$$

$$R_2 \leftrightarrow R_1$$

$$\left[ \begin{array}{ccc|ccc} 1 & 1 & 2 & 1 & 0 & 1 & 0 \\ 2 & 0 & -1 & 1 & 0 & 0 \\ 0 & 1 & 3 & 0 & 0 & 1 \end{array} \right]$$

$$R_2 \rightarrow R_2 - 2R_1$$

$$\begin{array}{ccc|ccc} & & & & & & 2 & 0 & -1 & 1 & 0 & 0 \\ \left[ \begin{array}{ccc|ccc} 1 & 1 & 2 & 1 & 0 & 1 & 0 \\ 0 & -2 & 3 & 1 & -2 & 0 \\ 0 & 1 & 3 & 0 & 0 & 1 \end{array} \right] & & & \underline{\underline{2}} & \underline{\underline{2}} & \underline{\underline{4}} & \underline{\underline{0}} & \underline{\underline{2}} & \underline{\underline{0}} \\ & & & 0 & -2 & -5 & 1 & -2 & 0 \end{array}$$



$$R_3 \leftrightarrow R_2$$

1	1	2		0	1	0
0	1	3		0	0	1
0	-2	-8		1	-2	0

$$R_3 \rightarrow R_3$$

$$R_1 \rightarrow R_1 - R_2$$

1	0	-1		0	1	-1
0	1	3		0	0	1
0	-2	-8		1	-2	0

1	1	2	0	1	0
-0	-1	-3	0	0	-1
1	0	-1	0	1	-1

$$R_3 \rightarrow R_3 + 2R_2$$

0	-2	-8	1	-2	0
+0	+2	+6	+0	+0	+2
0	0	-2	1	-2	2

oo

B.

Eigen values

$$A = \begin{bmatrix} 3 & 1 & 4 \\ 0 & 2 & 5 \\ 0 & 0 & 5 \end{bmatrix}$$

given matrix is a triangular matrix  
then eigen value are diagonal elements

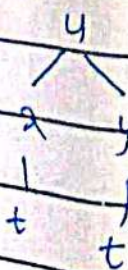
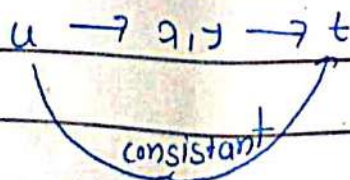
$$[A - \lambda I]_{n \times n} = 0$$

The eigen values are

$$\lambda_1 = 3 \quad \lambda_2 = 2 \quad \lambda_3 = 5$$

$$\begin{bmatrix} 3 & 1 & 4 \\ 0 & 2 & 5 \\ 0 & 0 & 5 \end{bmatrix} - \lambda \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}$$

C.  $u = \sin\left(\frac{x}{y}\right)$  where  $x = e^t$   $y = t^2$   $\frac{du}{dt}$





$$\frac{du}{dt} = \frac{du}{dx} \frac{dx}{dt} + \frac{du}{dy} \frac{dy}{dt} \quad \text{--- (1)}$$

$$= \frac{dx}{dt} = e^t \quad y = t^2$$

$$\frac{dx}{dt} = e^t \quad \frac{dy}{dt} = 2t$$

$$u = \sin\left(\frac{x}{y}\right)$$

$$\frac{du}{dx} = \frac{\cos\left(\frac{x}{y}\right)}{\sin\left(\frac{x}{y}\right)} \quad \frac{du}{dy} = \frac{\cos\left(\frac{x}{y}\right) \left(-\frac{1}{y^2}\right) x}{\left(\frac{x}{y}\right) \left(\frac{1}{y^2}\right)}$$

$$= \cos\left(\frac{x}{y}\right) \frac{1}{y} \quad \text{put in (1)}$$

$$\frac{du}{dt} = \frac{1}{y} \cos\left(\frac{x}{y}\right) e^t - \frac{x}{y^2} \cos\left(\frac{x}{y}\right)$$

$$\frac{1}{y} \cos\left(\frac{x}{y}\right) \left[ e^t - \frac{x}{y} \cos\left(\frac{x}{y}\right) \right]$$

$$\frac{du}{dt} = \frac{1}{t^2} \cos\left(\frac{e^t}{t^2}\right) \left[ e^t - \frac{e^t}{t^2} \cos\left(\frac{e^t}{t^2}\right) \right]$$



D.

 $A^{-1}$  by Cayley Hamilton theorem

$$A = \begin{bmatrix} 1 & 2 & 3 \\ 2 & 4 & 5 \\ 3 & 5 & c \end{bmatrix}$$

$$[A - \lambda I] = \begin{bmatrix} 1-\lambda & 2 & 3 \\ 2 & 4-\lambda & 5 \\ 3 & 5 & c-\lambda \end{bmatrix} - \lambda \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}$$

$$\begin{bmatrix} 1-\lambda & 2 & 3 \\ 2 & 4-\lambda & 5 \\ 3 & 5 & c-\lambda \end{bmatrix}$$

Each square matrix satisfy Cayley Hamilton theorem.

$$-\lambda^3 + \lambda^2 \left[ \begin{array}{l} \text{sum of cofactor} \\ \text{diagonal element} \\ \text{of } A \end{array} \right] - \lambda \left[ \begin{array}{l} \text{sum of cofactor} \\ \text{of diagonal element} \end{array} \right] + |A| = 0$$

$$= -\lambda^3 + \lambda^2 [1+4+c] - \lambda [(2 \cdot 4 - 2 \cdot 5) + (c-9) + (0)] +$$

$$[1(2 \cdot 4 - 2 \cdot 5) - 2(1 \cdot 2 - 1 \cdot 5) + 3(1 \cdot 0 - 1 \cdot 1)] = 0$$

$$-\lambda^3 + \lambda^2 [11] - \lambda [-4] - 1 = 0$$





Academic Year 201\_\_ Semester: \_\_\_\_\_ Date: \_\_\_\_\_ Supplement No: \_\_\_\_\_

Name: \_\_\_\_\_

Class (Branch): \_\_\_\_\_ Roll No. \_\_\_\_\_ Subject \_\_\_\_\_

Class Test No.:

Student Sign.:

Invigilator Sign.

Marks Obtained out of:

Subject Teacher Sign.:

$$-\lambda^3 + 11\lambda^2 + 9\lambda - 1 = 0$$

Cayley Hamilton theorem

$$-A^3 + 11A^2 + 9A - I = 0$$

multiply

$$-(A^3 - 11A^2 - 9A + I) = 0$$

multiply  $A^{-1}$

$$= A^2 - 11A - 9I + A^{-1} = 0$$

$$A^{-1} = -A^2 + 11A + 9I$$

$$= \begin{bmatrix} 1 & 2 & 3 \\ 2 & 4 & 5 \\ 3 & 5 & 6 \end{bmatrix} \begin{bmatrix} 11 & 2 & 3 \\ 2 & 9 & 5 \\ 3 & 5 & 6 \end{bmatrix} + 11 \begin{bmatrix} 1 & 2 & 3 \\ 2 & 4 & 5 \\ 3 & 5 & 6 \end{bmatrix} + 9 \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}$$

$A^2$

$$= \begin{bmatrix} 1 \times 1 + 2 \times 2 + 3 \times 3 & 1 \times 2 + 2 \times 4 + 3 \times 5 & 1 \times 3 + 2 \times 5 + 3 \times 6 \\ 2 \times 1 + 4 \times 2 + 5 \times 3 & 2 \times 2 + 4 \times 4 + 5 \times 5 & 2 \times 3 + 4 \times 5 + 5 \times 6 \\ 3 \times 1 + 5 \times 2 + 6 \times 3 & 3 \times 2 + 5 \times 4 + 6 \times 5 & 3 \times 3 + 5 \times 5 + 6 \times 6 \end{bmatrix}$$

$$= \begin{bmatrix} 1 + 4 + 9 & 2 + 8 + 15 & 3 + 10 + 18 \\ 2 + 8 + 15 & 4 + 16 + 25 & 6 + 20 + 30 \\ 3 + 10 + 18 & 6 + 20 + 30 & 9 + 25 + 36 \end{bmatrix}$$



$$A^2 = \begin{bmatrix} 14 & 25 & 31 \\ 25 & 45 & 56 \\ 31 & 56 & 70 \end{bmatrix}$$

$$A^{-1} = -A^2 + 11A + 9I$$

$$= \begin{bmatrix} 14 & 25 & 31 \\ 25 & 45 & 56 \\ 31 & 56 & 70 \end{bmatrix} + 11 \begin{bmatrix} 1 & 2 & 3 \\ 2 & 4 & 5 \\ 3 & 5 & 6 \end{bmatrix} + 9 \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}$$

$$= \begin{bmatrix} -14 + 11 + 9 & -25 + 22 + 0 & -31 + 33 + 0 \\ -25 + 22 + 0 & -45 + 44 + 9 & -56 + 55 + 0 \\ -31 + 33 + 0 & -56 + 55 + 0 & -70 + 66 + 9 \end{bmatrix}$$

$$= \begin{bmatrix} 4 & -3 & 2 \\ -3 & 8 & -1 \\ 2 & -1 & 0 \end{bmatrix}$$

$$A^{-1} = \begin{bmatrix} 1 & -3 & 2 \\ -3 & 3 & -1 \\ 2 & -1 & 0 \end{bmatrix}$$



Branch: B. Tech (CSE)

Subject: DM

Marks: 20

Sem.: III

Subject Code: BTCOC302

Duration: 1 Hr.

=====  
**Instruction to students:**

1. All Questions are compulsory.
2. All the MCQ's in Q. 1 are compulsory.

**Q1. Filling the blanks.**

**M 1\*6**

1. Power set of empty set has exactly \_\_\_\_\_ subset.
  - a) One
  - b) Two
  - c) Zero
  - d) Three
2. The set of positive integers is \_\_\_\_\_.
  - a) Infinite
  - b) Finite
  - c) Subset
  - d) Empty
3. The union of the sets  $\{1, 2, 5\}$  and  $\{1, 2, 6\}$  is the set \_\_\_\_\_.
  - a)  $\{1, 2, 6, 1\}$
  - b)  $\{1, 2, 5, 6\}$
  - c)  $\{1, 2, 1, 2\}$
  - d)  $\{1, 5, 6, 3\}$
4. Which of the following two sets are disjoint?
  - a)  $\{1, 3, 5\}$  and  $\{1, 3, 6\}$
  - b)  $\{1, 2, 3\}$  and  $\{1, 2, 3\}$
  - c)  $\{1, 3, 5\}$  and  $\{2, 3, 4\}$
  - d)  $\{1, 3, 5\}$  and  $\{2, 4, 6\}$
5. What is the cardinality of the set of odd positive integers less than 10?
  - a) 10
  - b) 5
  - c) 3
  - d) 20
6. A \_\_\_\_\_ is an ordered collection of objects.
  - a) Relation
  - b) Function
  - c) Set
  - d) Proposition

**Q2 Solve any two****M 3\*2**

1. Explain universal quantifier and existential quantifier with examples.
2. Let  $p$  and  $q$  be the propositions where "He will come on the 8:15 then he will have time to visit us" express each of compound statement in the form of
  - a)  $P \rightarrow \sim q$
  - b)  $\sim p \rightarrow (q \vee r)$
  - c)  $(p \rightarrow q) \wedge (p \vee r)$
3. Write the following statement in symbolic form.
  - i) Indians will win the world cup if their fielding improves.
  - ii) I will score good marks in the exam if and only if I study hard.
  - iii) He will be pass in exam if he doing study

**Q3. Solve any two****M 4\*2**

1. Explain Surjective, Injective, Bijective and inverse function with suitable example.
2. Solve following by using composition of function.
  - a)  $f(x) = 2x+3$  and  $g(x) = x^2$
  - b)  $f(x) = x^2 + 6$  and  $g(x) = 2x - 1$ ,
3. Define relation with its types.









SHREEYASH PRATISHTHAN'S  
Shreeyash Technical Campus



SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY,  
SHREEYASH POLYTECHNIC,  
SHREEYASH INSTITUTE OF PHARMACY,  
SHREEYASH INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH  
Class Test Attendance Record

Class: SE

PART - I/II 7.10.19.

Academic Year: 2019-20

Department: - CSE

Class Test No: Mid sem-1

Subject: DM.

Roll No	Name of Student	Signature
2617	udhan kiran bhanudas	Budhan
2618	Vaidya Manisha Ashok	Vaidya
2619	Wade Rahul Talaji	Rahul
2620	Doke sachin murlihar	Sachin
2621	Vishal Prasad Talakle	Vishal
2622	Bhinde Sameer Ganman	Bhinde
2623	Ab	Ab
2624	Kaibhav Pradip Trikalikar	Kaibhav
2625	Petelkar prajakta kalraharub	Petelkar
2626	Pratik Kathota	Pratik
2627	Ab	Ab
2628	Shivani Balaji Salunke	Shivani
2629	Shriram vikas kulkarni	Shriram
2630	Archana-Ls. Warghat	Archana
2631	Ghunage Akanksha Madan Rao	Ghunage
2632	Ranote Reena Raju	Ranote
2633	Maske Dipak prabhakar	Maske
2634	Patil Swapnil Dhandu	Patil
2635	Harish kishanrao Ambhure	Harish
2636	Rohit Vilas Rajgure	Rohit
2637	Deligje. v. Ambhure	Deligje
2638	Avinash D. Mahajan	Avinash
2639	Srushti Bakal	Srushti
2640	Ankit S. Giri	Ankit
2641		
2642		
2643		
2644		

Name of Invigilator: Prof. K.M. Birare	Number of Students Present: 22
Signature of Invigilator:	Number of Students Absent: 02
Hall Number: 227	Total Number of Students: 24





SHREEYASH PRATISTHAN'S  
**Shreeyash Technical Campus**



SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY,  
 SHREEYASH POLYTECHNIC,  
 SHREEYASH INSTITUTE OF PHARMACY,  
 SHREEYASH INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH  
**Class Test Attendance Record**

Class: **SE**

PART - I / II

Academic Year: **2019-20**

Department: **CSE**

Class Test No: **Mid Sem**

Subject: **DM**

Roll No	Name of Student	Signature
2641	Ushutosh B. Banswal	<del>Ushutosh</del>
2642	Saurabh S. Targhale	Saurabh
2643	Anuja A. Kale	Anuja
2644	Vaishnavi S. Kulkarni	Vaishnavi
2645	Geetanjali B. Pawar	Geetanjali
2646	AB	AB
2647	Prashant R. Sandwanar	Prashant
2648	Barthune Nikita Bharat	Barthune
2649	Shanvari Jayant Jagiradar	Shanvari
2650	More Saurabh Rajaram	More
2651	Aditya Dattatraya Awifode	Aditya
2652	Aishwariya Arun Mahajan	Aishwariya
2653	Aishwariya Vinod Wadkar	Aishwariya
2654	Chavan Payan Nitaram	Chavan
2655	Shubham Vijay Shankhade	Shubham
2656	Saua Hemant Mankar	Saua
2657	Kiran Ashroba Shinde	Kiran
2658	Sagar Chavan	Sagar
2659	Jadhav Bharat	Jadhav
2660	Ajinkya Suryawanshi	Ajinkya
2661	Sagar Funde	Sagar
2662	Teek donk	Teek

Name of Invigilator: <b>P.M. Mohite</b>	Number of Students Present: <b>21</b>
Signature of Invigilator:	Number of Students Absent: <b>01</b>
Hall Number: <b>229</b>	Total Number of Students: <b>22</b>





# Shreeyash College of Engineering & Technology, Aurangabad.

Shreeyash Pratishthan's



Academic Year 2019 Semester : III Date : 06-10-19 Supplement No. : \_\_\_\_\_

Name : Harish Kiranrao Ambhure

Class (Branch) : CSE (SE) Roll No. 2635 Subject D.M.

Class Test No. : mid exam

Student Sign.: [Signature]

Invigilator Sign. [Signature]

Marks Obtained out of : 19

Subject Teacher Sign. : [Signature]

*V. Good*

Q.17 → ?

1) → ?

→ a) one.

2) → ?

→ a) Infinite

3) → ?

→ b) {1, 2, 5, 6}

4) → ?

→ d) {1, 3, 5} and {2, 4, 6}

5) → ?

→ b) 5

6) → ?

→ c) set.

06



Q.2)  $\rightarrow ?$

A)  $\rightarrow ?$

$\rightarrow$  i) universal quantifier's  $\forall$

- If consider  $p(x)$  is denoted as  $A$ .
  - some statement telling about individual or object belonging to a particular set of number of element.
  - which is true for all of every, everything and everyone.
  - consider  $p(x)$ : Here the value of  $x$  is always true, that quantifier is universal.
- example:-

1)  $f(x) : x^3 + 1 \geq 1$

so this statement is always true.

2) ~~Apple~~ Apple is red.

$$f(x) : \{ A(x) \rightarrow P(x) \}$$

ii) Existential quantifier's  $\exists$

- Existential quantifier is denoted by  $\exists$ .
- consider  $p(x)$ : Here the value of  $p$  are not true for all, but it is true for some  $x$ .

example:-

1)  $\exists (x) : \text{cat color is black.}$

$$\exists \{ c(x) \rightarrow b(x) \}$$

2)  $p(x) : \text{All men are bright}$   
 $\{ f(m) \rightarrow B(m) \}$



Q.3) B)  $\rightarrow$  9

$\Rightarrow$  a)  $f(x) = 2x + 3$  and  $g(x) = x^2$

Here,

$$f(x) = 2x + 3$$

Now, we can put the value of  $g(x) = x^2$  in

$f(x)$ .

$$\begin{aligned}\therefore f(x) &= 2(x^2) + 3 \\ &= 2x^2 + 3\end{aligned}$$

$$\therefore \boxed{f(x) = 2x^2 + 3}$$

b)  $f(x) = x^2 + 6$  and  $g(x) = 2x - 1$

$\rightarrow$  Here we can put value of  $g(x) = 2x - 1$  in  $f(x)$ .

$$\therefore f(x) = x^2 + 6$$

$$= (2x - 1)^2 + 6$$

$$= 4x^2 - 4x + 1 + 6$$

$$= 4x^2 - 4x + 7$$

$$\therefore \boxed{f(x) = 4x^2 - 4x + 7}$$

c)  $f(x) = \sqrt{2x - 5}$  and  $g(x) = 5x^2 - 3$

Here,

$$f(x) = \sqrt{2x - 5}$$

$$= \sqrt{2(5x^2 - 3) - 5}$$

$$= \sqrt{10x^2 - 6 - 5}$$

$$= \sqrt{10x^2 - 11}$$

$$\therefore \boxed{f(x) = \sqrt{10x^2 - 11}}$$



d)  $f(x) = x^3 + 4$  and  $g(x) = 3\sqrt{x-4}$

$$\Rightarrow f(x) = x^3 + 4$$
$$= (3\sqrt{x-4})^3 + 4$$

$$= (3 \cdot x^2 - 16)^3 + 4$$

$$= (3x^2 - 48)^3 + 4$$

$$= \left[ (3x^2)^3 - 3(3x^2)^2(48) + 3(3x^2)(48)^2 + 48^3 \right]$$

By using...  $(a-b)^3 = a^3 - 3a^2b + 3ab^2 - b^3$

$$= \therefore 3x^6 - 6x^4 \cdot 48 + 6x^2 \cdot 48^2 + 48^3$$

$$= f(x) \quad 3x^6 - 288x^4 + 2304x^2$$





Shreeyash Pratishthan's  
**Shreeyash College of Engineering & Technology, Aurangabad.**



Academic Year 201 9 Semester : III Date : \_\_\_\_\_ Supplement No. : 01

Name : Harish Kiranrao Ambhure  
 Class (Branch) : CSEC SE Roll No. 2635 Subject D.M.  
 Class Test No. :  Student Sign.:  Invigilator Sign.  Marks Obtained out of :  Subject Teacher Sign. :

Q.2) ~~ii) p → q~~  
 ⇒ i) ~~conditions will~~  
 ⇒ p → q

ii) p → q  
 ⇒ p ↔ q

02 ✓

iii) p → q.









**SHREEYASH PRATISHTHAN'S**  
**SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY, AURANGABAD**  
 Department: Electrical Engineering  
**CLASS TEST MARKS (MID SEM)**



**MPD - SEM - EEM.**

ROLL NO.	NAME OF STUDENTS	CLASS TEST MARKS	SIGNATURE	ROLL NO.	NAME OF STUDENTS	CLASS TEST MARKS	SIGNATURE
2501	BAGAL SHRIRAM BHARAT	12		2546	GAIKWAD SANDIP BABAN	AB	
2502	BAGAL SURESH BHUJANGRAO	08		2547	GARAO UMESH RAMNATH	10	
2503	BHALERAO MOHAN DEEPAK	17		2548	GAIKWAD AKASH BHARAT	AB	
2504	DHAKNE RAHUL MAHADEV	17		2549	GORADE VISHAL SANJAY	12	
2505	GAIKWAD BHAUSAHEB MAROTI	13		2550	JANGAL BHUPENORA KESHAV	15	
2506	ITTHAR SACHIN RAMKISAN	AB		2551	KADE GANESH DYONORAM	07	
2507	JADHAV YASH KALYAN	12		2552	KATURE JAYSHRI DEVIDAS	12	
2508	KAKDE ASHWINI DNYANESHWAR	18		2553	KULKARNI UDAY MAHENDRA	14	
2509	KHARSAN ATISH DEVIDAS	15		2554	MITKAR AKASH MOHAN	10	
2510	PAWAR VIKAS BABASAHEB	12		2555	PADOLE APPASAHEB UTTAMRAO	03	
2511	SANGHVI TANMAY ANIL	18		2556	PANPAT SAURABH BHARAT	07	
2512	WADHEKAR POOJA PUNDALIK	18		2557	PARATWAGH UTKARSHA UTTAM	AB	
2513	ARGADE RUSHIKESH MNJAJI	15		2558	PATHADE VINOD BABASAHEB	15	
2514	THAKUR YOGESH RAMCHANDRA	17		2559	PATE NIKITA DILIP	13	
2515	GAIKWAD PRAKASH MAHINDRA	17		2560	PURI SANTOSH NARASINI	14	
2516	SIDAM PAVAN MAROTI	13		2561	SHANBH AVESH SHAMKUR	07	
2517	KATARE PRAMOD	AB		2562	SHETWAR SAGAR RAMODAS	12	
2518	PAKHARE VAISHNAVI BHAUSAHEB	18		2563	SHINDE AJAY BHADWAN	18	
2519	HIWALE YOGITA MANOHAR	18		2564	SOMANWAR MANGESH ANANDRAO	09	
2520	IDHATE ADITYA DEVNATH	08		2565	TEJAS PURUSHOTTAM TERADE	05	
2521	BLANK	AB		2566	DESHMUKH AMAR DATTATRAYA	AB	
2522	SHINDE SOMESH LAXMAN	AB		2567	DESHMUKH ABHISHEK NARAYAN	13	
2523	VETAL SHRIKANT KAKASAHEB	17		2568	DANSHI SHANIK	07	
2524	AVHAD DEEPAK SURESH	08		2569	DHAGE GANESH DNYANESHWAR	08	
2525	BHAMBARDE DNYANESHWAR RAMNA	10		2570	GAIKWAD VISHAL MAROTI	09	
2526	BOROLE RITESH SURESH	08		2571	HOLKAR ASHWINI SANJAY	09	
2527	BORSE GAURAV ARUN	10		2572	KAWALE MAHESH RAMESH	12	
2528	CHAVAN VAIBHAV VISHWANATH	10		2573	KEDAR PRATIK RUDRANATH	13	
2529	CHITNIS AVADHUT DATTATRAY	11		2574	NERADE RAMESHWAR SHIVAJI	07	
2530	DABADE MADHAVI BALAJIRAO	09		2575	PANDE ARDRAJIT UTTAMRAO	16	
2531	DABHADE DAKSHAK RAJU	10		2576	PANDE ANANDSHYAM MAHENDRA	09	
2532	KAJAL RAJENDRA DHANGAR	15		2577	TALDE SHUBHAM BALU	05	
2533	DONGRE SHUBHAM SURESH	09		2578	WAGH BALIRAM BABASAHEB	18	

SUBJECT TEACHER

HOD

Signature

Total -

Absent -

Present -

Passed -

66

08

57





SHREEYASH PRATISHTHAN'S  
Shreeyash Technical Campus

SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY,  
SHREEYASH POLYTECHNIC,  
SHREEYASH INSTITUTE OF PHARMACY,  
SHREEYASH INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH  
Class Test Attendance Record

Class: SE-EE

PART-I/II

Academic Year: 2019-20

Department: EED

Class Test No: MID SEM

Subject: EEM.

Roll No	Name of Student	Signature
2501	Shriram Bharat Bagal	Shriram
2502	Suresh Bhuranga Bagal	Bagal
2503	Mahesh Deepak Bhalemao	HhammBB
2504	Dhakar Rahul Mahadev	Rahul
2505	Gaikwad Bhausaheb Maroti	Maroti
2506	ABSENT	
2507	Yash Kalyan Jadhav	Jadhav
2508	Ashwini Anjaneshwar Kakde	Kakde
2509	Alish Davidus Kharsen	Kharsen
2510	Vikas Babasaheb Pawar	Pawar
2511	Tammaraj A Sanghvi	Sanghvi
2512	Pooja P. Wadhewar	Wadhewar
2513	Rushikesh M. Argate	Argate
2514	Thakur Yogesh R	Thakur
2515	Gaikwad Prateek Manjara	Manjara
2516	Pavan Maroti Sidam	Sidam
2517	ABSENT	
2518	Vaishnavi Bhausaheb Pakhare	Pakhare
2519	Yogita Manohar Hivale	Hivale
2520	Aditya Devnath Idhate	Idhate
2521	ABSENT	
2522	ABSENT	
2523	Shrikant K. Vetal	Vetal
2524	Deepak Suresh Avhad	Avhad
2525	Anjaneshwar R. Bhamburde	Bhamburde
2526	Ritesh Suresh Bazole	Bazole
2527	Gaurav Arun Borse	Borse
2528	Vaibhav Vishwanath Chauhan	Chauhan
2529	Avadhut Dattatray Chitambar	Chitambar
2530	Madhavi Balajirao Dabole	Dabole

Name of Invigilator: m.m. Hannante	Number of Students Present: 26
Signature of Invigilator:	Number of Students Absent: 04
Hall Number: 305	Total Number of Students: 30





SHREEYASH PRATISHTHAN'S  
Shreeyash Technical Campus



SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY,  
SHREEYASH POLYTECHNIC,  
SHREEYASH INSTITUTE OF PHARMACY,  
SHREEYASH INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH  
Class Test Attendance Record

Class: 2<sup>nd</sup> (EEP)

PART - I/II

Academic Year: 2019-20

Department: Electrical

Class Test No: Mid sem

Subject: EEM

Roll No	Name of Student	Signature
2531	DAKSHAK R. DABHADE	<i>(Signature)</i>
2532		<i>K. Bhangat</i>
2533	Shubham S. Dongre	
2534		
2535	Vmesh R. Garad	<i>(Signature)</i>
2536		
2537	Vishal Sanjay Gorade	<i>(Signature)</i>
2538	Jansal Bhupendra keshav	<i>(Signature)</i>
2539	Kode Ganesh Dhondiram	<i>(Signature)</i>
2540	Kature Jayshree Dinkdas	<i>(Signature)</i>
2541	Kulkarni Uday mahendra	<i>(Signature)</i>
2542	Mitkar Akush Mohan	<i>(Signature)</i>
2543	PADOLE APPASAHEB UTTAMRAO	<i>(Signature)</i>
2544	padpat saurabh bharat	<i>(Signature)</i>
2545		
2546	Pathade Vinod Babasaheb	<i>(Signature)</i>
2547	Patil Nikita Dilip	<i>(Signature)</i>
2548	Pun Santosh Nurasinh	<i>(Signature)</i>
2549	shaukhat <del>shaukhat</del> shaukhat	<i>(Signature)</i>
2550	Sagar Karndas Shejwal	<i>(Signature)</i>
2551	Ajay Bhagwan Shinde	<i>(Signature)</i>
2552	Somnath <del>Somnath</del> Somnath A.	<i>(Signature)</i>
2553	Tejas. P. Tekade	<i>(Signature)</i>
2554		
2555	Dshimukh Abhishek Narayan	<i>(Signature)</i>

Name of Invigilator: Dandale S. N	Signature of Invigilator: <i>(Signature)</i>
Hall Number: 306	Number of Students Present: 20
	Number of Students Absent: 05







Name : Ashwini Dnyaneshwar kakdeClass (Branch) : S.E. (EE) Roll No. 2508 Subject EEMClass Test No. : MidsemStudent Sign. : AshwiniInviigilator Sign. [Signature]Marks Obtained out of 10 / 20Subject Teacher Sign. : [Signature]

Q8) MCQ's

1] a) Irregular ✓

2] b) Two-dimensional ✓

3] c) Diamagnetic ✓

4] b) line defects ✓

5] c) Insulator ✓

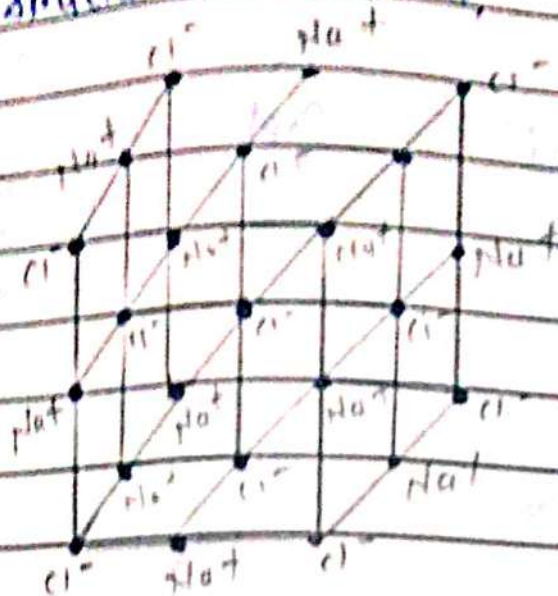
6] d) Carbon ✓

OK ✓



Q: 2

1) Crystal structure of NaCl



- At corners and face centered =  $\text{Cl}^-$

- At 12 edges and one center =  $\text{Na}^+$

- The given crystal structure is the combination of  $\text{Na}^+$  and  $\text{Cl}^-$  of ionic crystal

- It is made up of 2 FCC lattices, i.e.  $\text{Na}^+$  and  $\text{Cl}^-$

- The radius of  $\text{Na}^+$  ion is  $0.98 \text{ \AA}$

- The radius of  $\text{Cl}^-$  ion is  $1.38 \text{ \AA}$

- The radius of  $\text{Cl}^-$  ion is larger as compared to  $\text{Na}^+$  ions hence  $\text{Cl}^-$  ions are situated at the corners of crystal structure and face centered.

- The  $\text{Cl}^-$  ions are situated around the  $\text{Na}^+$  ions. So we can say that the  $\text{Na}^+$



ion as a octahedral structure

- The 6 chloride ions around the  $\text{Na}^+$  and 6  $\text{Na}^+$  ions around the chloride ions so the co-ordination no. of  $\text{NaCl}$  is 6

- Now, let us calculate the total no. of  $\text{Cl}^-$  and  $\text{Na}^+$  in  $\text{NaCl}$  lattice

∴ (i) At the centers corners and Face centered  $\text{Cl}^-$  ions situated

$$= \frac{8 \times 1}{8} + \frac{3 \times 6 \times 1}{2}$$

$$= 1 + 3$$

$$\boxed{\text{Cl}^- = 4}$$

(ii) At the 12 edges and one centered  $\text{Na}^+$  ion situated in crystal

$$= \frac{3 \times 12 \times 1}{4} + 1$$

$$\boxed{\text{Na}^+ = 4}$$

- Hence the total no. of ions in  $\text{NaCl}$  crystal is 8



c] Assumption of quantum free electron theory:-

- (i) The electrons of conduction energy level are quantised
- (ii) The distribution of electrons in different conduction band as per Fermi exclusion principle (Pauli exclusion principle)
- (iii) The Assumption is applicable for the quantum free electron theory
- (iv) The electron's potential energy inside the band but within the boundaries of conduction band or valance band
- (v) The attraction of electrons and lattice crystal and the repulsion of electrons & lattice ion's are ignored.
- (vi) The drift velocity,

$$V_d = - \frac{PE T}{m}$$

(vii) The conductivity:-

$$\sigma = \frac{n e^2 T}{m}$$

where  $T \rightarrow$  Time period

- by using this all assumption we solve quantum free electron theory



## B] Properties of diamagnetic material

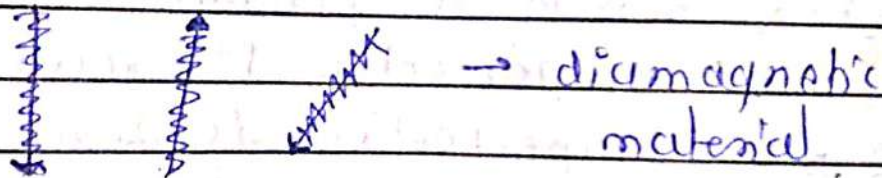
i] The susceptibility i.e.  $\mu_r$  is slightly greater than 1.

ii] The permeability of diamagnetic material is -ve. in the range  $10^{-6}$

- so it is Independent on temperature

iii] The Based on dipole moment :-

- It does not possess any dipole moment so doesn't magnetic field obtained in diamagnetic material





Q: 3

A)

### Imperfection :-

- The departure in a periodic and systematic combination of particles in a matter is known as imperfection.

- Any defect occur in periodic arrangement of an atom, is known as Imperfection.

- The arrangement of atom is a very fast and moderate, so there is no time for particle to periodic arrangement, that's why Imperfection is created.

- Imperfection is divided into following 4 parts :-

- (i) Point defect
- (ii) Line defect
- (iii) Surface defect
- (iv) Volume defect

∴ The classification of Point defect are as follows :- The defect around a point in a crystal lattice is known as point defect.

- Point defect is also classified into two subparts i.e.

- (i) Non-Ionic defect
- (ii) Ionic defect



Non-ionic defect

Ionic defect

vacancy defect

Interstitial defect

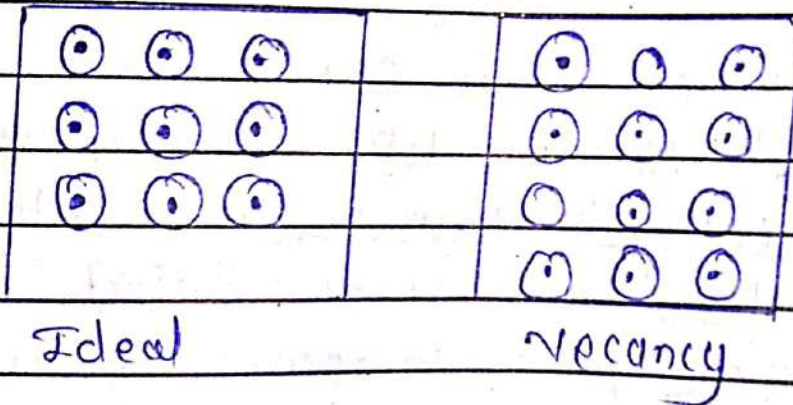
Schottky defect

Frenkel defect

(1) Non-ionic defect

(i) Vacancy defect:

- The vacant space in regular or periodic arrangement in a crystal lattice, it is known as vacancy defect.



- The vacancy defect can measure by the formula.

$$n = N e^{\left(\frac{-E_v}{KT}\right)}$$

where,

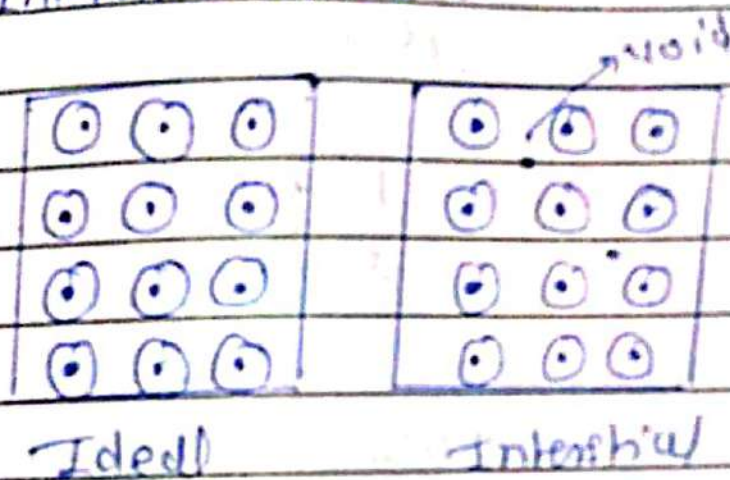
- $n \rightarrow$  no. of electrons vacancy exist
- $N \rightarrow$  No. of electrons
- $e \rightarrow$  Exponential
- $E_v \rightarrow$  Energy



$k \rightarrow$  constant  
 $T \rightarrow$  temperature

- The density is decreased in vacancy defect.

(ii) Interstitial defect :-



- The extra constituent in a void or interstitial position of an atom or unit cell, is known as Interstitial defect.

- It is non-ionic defect.

- Density is increased in interstitial defect.

- There is additional constituent in a periodic or regular arrangement of an unit cell.





# Shreeyash College of Engineering & Technology, Aurangabad.

Shreeyash Pratishthan's

Academic Year 2019-20 Semester: III<sup>rd</sup> Date: 7-10-19



Name: Ashwini Dnyaneshwar Kerkale

Class (Branch): SE (EE)

Roll No. 2508

Subject EEM

Class Test No.: Midsem

Student Sign.: *[Signature]*

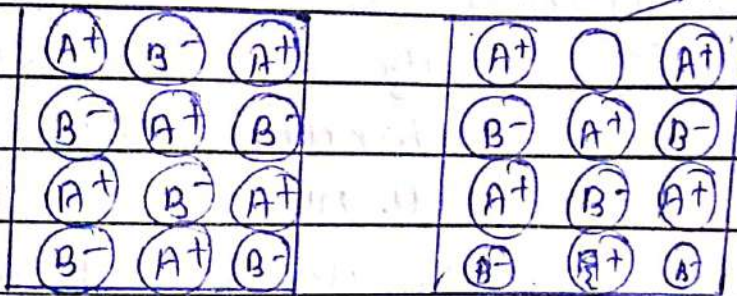
Invigilator Sign. *[Signature]*

Marks Obtained out of:

Subject Teacher Sign.:

## ② Ionic defect.

### ① Schottky defect.



Ideal

Schottky <sup>missing</sup>

- The  $A^+$  and  $B^-$  ions equally missing from lattice - or crystal structure, is known as schottky defect.

- There is equally ion's missing and occupy a neutrality.

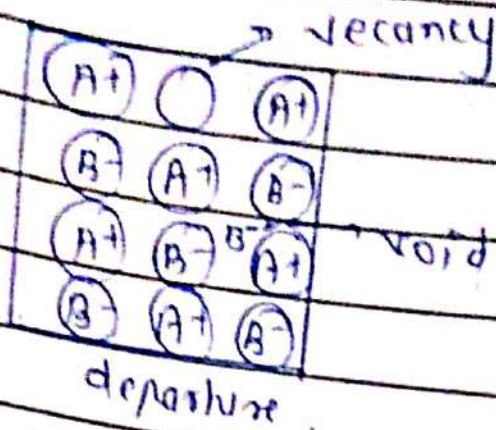
- There is no effect of density. density is equal before and after during process.

- It is ionic type of defect.

- In this oppositely charge ion's missing same time and become neutrality in arrangement.



## (ii) Frenkel defect



- The vacant space of one ions and same time addition of extra combination of ions in lattice is known as Frenkel defect.

- In this density is increases.

- It is the combination of vacancy and interstitial defect both nonionic defect.

- Missing of ions and extra part of ion's in a void of crystal lattice is known as Schottky defect.

- It is ionic type defect.

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Mid Semester Examination – Oct 2018

Branch: B. Tech (ETC)

Subject: EDC

Marks: 20

Sem.: III

Subject Code: BTEXC303

Duration: 1 Hr.

**Instruction to students:**

1. All Questions are compulsory.
2. All the MCQ's in Q. 1 are compulsory.

**Q.No.1 Attempt the following Questions:..... (1\*6=6)**

1. The pinch off voltage  $V_p$  is defined always for \_\_\_\_\_  
a)  $V_{GS}=0$                       b)  $V_{DS}=0$                       c)  $I_D=0$
2. \_\_\_\_\_ has very high input impedance.  
a) FET                              b) BJT                              c) Both (a) & (b)
3. In a Enhancement mode MOSFET, the channel is \_\_\_\_\_  
a) always present              b) always absent              c) Initially absent
4. Input capacitance is \_\_\_\_\_ due to metal-oxide semiconductor structure in E-MOSFET.  
a) Low                              b) High
5. If the input signal & feedback signal are in phase, the feedback is called as \_\_\_\_\_ feedback  
a) 0                                  b) Negative                          c) Positive
6. Noise is \_\_\_\_\_ if negative feedback is introduced.  
a) Increased                      b) Decreased                      c) Remains Constant

**Q. No. 2 Attempt any Two of the following:.....(3\*2=6)**

- a. Explain following parameters i) Transconductance ii) Amplification Factor
- b. Compare different types of feedback topologies.
- c. Compare CS, CD & CG.

**Q. No. 3 Attempt any Two of the following:..... (4\*2=08)**

- a. Explain classification of amplifier in detail.
- b. Explain performance parameters of a voltage reference circuit.
- c. Explain the working principle of JFET.
- d. Explain the characteristics of N- channel EMOSFET.





Shreeyash Pratishthan's

# Shreeyash College of Engineering & Technology, Aurangabad.



Academic Year 2019 Semester: III Date: 9/10/2019 Supplement No: \_\_\_\_\_

Name: Nikalje Kiran Milind

Class (Branch): E&TC Roll No. 2418 Subject EDC

Class Test No.: Mid sem

Student Sign.: [Signature]

Invigilator Sign.: [Signature]

Marks Obtained out of: 20/20

Subject Teacher Sign.: [Signature]

Q 1]	
1]	
<del>1]</del>	<del><math>V_{GS} = 0</math></del>
2]	
<del>1]</del>	<del>FET</del>
3]	
<del>1]</del>	<del>Initially absent</del>
4]	
<del>1]</del>	<del>low. High</del>



B3

Parameter	Vtg series	Current Vtg shunt	Vtg Current shunt	Current series
- Voltage gain	Reduce	Reduce	Reduce	Reduce
- B/in	increase	increase	increase	increase
- i/p Resistance	increase	increase	Decrease	Decrease
- o/p resistance	decrease	increase	Decrease	increase

3



Shreeyash College of Engineering & Technology, Aurangabad.

Shreeyash Pratishthan's



Academic Year 2019 Semester: III Date: 9.10.19 Supplement No: 11

Name: Nikalje Kiran Milind  
 Class (Branch): EZTC Roll No. 2418 Subject EDC  
 Class Test No.: 5 Student Sign.: [Signature] Invigilator Sign.: [Signature] Marks Obtained out of:      Subject Teacher Sign.:     

Q 3]	
B]	
	Voltage reference: Ckt
	* Performance Parameters of a voltage reference: Ckt
	1] load regulation
	2] line regulation
	3] Ripple Rejection Ratio
	Stability



## 17 Load Regulation %

"The load regulation is defined as the change in the output load voltage to corresponding change in the input voltage i.e. called as load regulation"

$$LR = \frac{\Delta V_L}{V_L}$$

- the percentage load regulation is expression as :-

$$\% LR = \frac{\Delta V_L}{V_L} \times 100$$

## 27 Line Regulation %

"The line regulation is defined as the change in the output regulated voltage due to change in line voltage at a constant (I<sub>L</sub>).



it is also called as  
line regulation  $\therefore$

- the line regulation it is  
 $\therefore$  source regulation

$$\therefore S.R = \Delta V_o$$

- it is measured in a  $mV/\%$ .

### 3.7. Ripple Rejection Ratio

Ripple rejection ratio is defined as the output voltage of a rectifier is reference to the input voltage.

it is called as  
ripple rejection ratio.

$$RRR = \frac{V_{ripple}(V_o)}{V_{ripple}(V_i)}$$



$$\therefore RRR = 20 \log_{10} \left( \frac{\text{Yripple (O/P)}}{\text{Yripple (I/P)}} \right)$$

Q] Long term stability %

In the long term stability it is defined as the ability to maintain the output voltage at a constant with respect to time.

~~It is also called as long term stability.~~

Long term stability it is a unit is PPM/1000 hrs

h





Academic Year 2019 Semester: III Date: 9-10-19 Supplement No: 2

Name: Nikalje Kiran Milind

Class (Branch): EETC Roll No. 2018 Subject EDC

Test No.: 7

Student Sign.: [Signature]

Invigilator Sign.: [Signature]

Marks Obtained out of: [ ]

Subject Teacher Sign.: [ ]

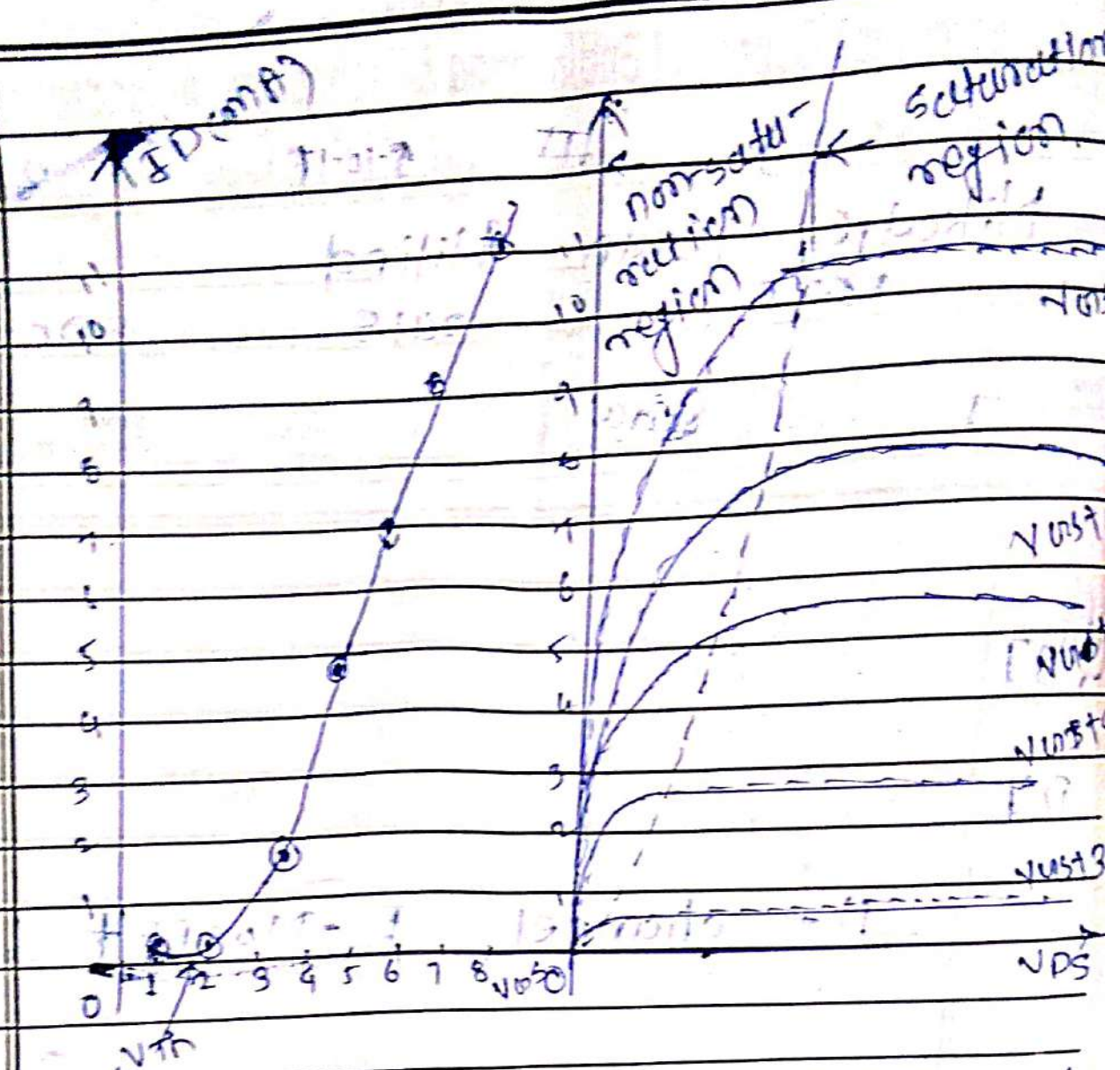
N-channel E-MOSFET

• The ~~and~~ structure of the n-channel enhancement MOSFET is shown on Fig (a)

• The n-channel E-MOSFET is similar to the enhancement MOSFET as shown on Fig (a).

• Characteristics of an n-channel MOSFET shown in Fig (a).





Transfer characteristics and Drain characteristics.

Fig (a) shows the transfer and drain characteristics of an n-channel enhancement MOSFET.

- note that the drain current is zero i.e.  $V_{GS} \leq V_{th}$  for n-channel enhancement MOSFET.



the  $V_{Th}$  is a threshold voltage of a n-channel MOSFET and p-channel MOSFET threshold voltage denoted it is  $V_{Tp}$ .

the relation between the drain current and  $V_{DS}$  is

$$I_D = k (V_{DS} - V_T)^2$$

Here  $k$  is a constant term of a n-channel MOSFET. the same time  $k$  is a constant and it is denoted as the  $k_n$  of the n-channel and  $k_p$  it is denoted in the p-channel MOSFET.

where the when the these MOSFET are a saturation region then the  $V_{DS}(sat)$  is given

$$\therefore V_{DS}(sat) = V_{DS} - V_T$$



This is a brief explanation  
of a n-channel enhancement  
MOSFET.  $V_{GS} > V_{th}$   
shown in fig (a)

The transfer characteristic  
is rapidly increase &  
depend on the  
applied gate voltage.





# Shreeyash College of Engineering & Technology, Aurangabad.



Academic Year 2019 Semester: III

Date: 9-10-19

Supplement No: 3

Name: Nikhile Kiran Milind

Class (Branch): ECE Roll No. 2418 Subject: EDC

Class Test No.:

J

Student Sign.:

*[Signature]*

Invigilator Sign.:

*[Signature]*

Marks Obtained out of:

Subject Teacher Sign.:

Q2]

*[Faint handwritten text]*

A]

*[Faint handwritten text]*

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*[Faint handwritten text]*

*[Handwritten mark]*

- The transconductance is define as the  $g_m$



$$\therefore g_m = \frac{\Delta I_D}{\Delta V_{GS}} \quad \text{constant } V_{DS}$$

## 2] Amplification Factor :-

The amplification factor is defined as the change in the drain to source voltage at a corresponding change in the gate to source voltage at a constant drain current.

The amplification factor is denoted by  $\mu$ .

$$\mu = \beta \times g_m$$

$$\mu = \frac{\Delta V_{DS}}{\Delta V_{GS}} \quad \text{constant } I_D$$



DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY  
LONERE-RAIGAD  
MID Semester Examination- October-2019

Course B. Tech in: Civil Engg.  
Subject Name: STRUCTURAL MECHANICS-II  
Max Marks: 20  
Date: 27/09/2019

Semester-II  
Subject Code: BTCVC502  
Time: 1:15 hr

**Instructions:**

1. All questions are compulsory.
2. Illustrate your answers with neat sketches wherever necessary.
3. Figures to the right indicate full marks.

**Q.1 A) Attempt all the following objective questions:**

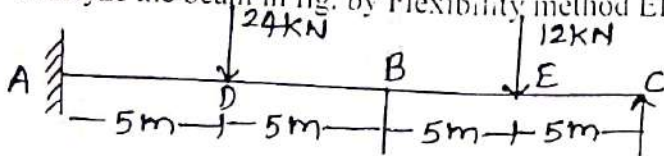
(6M)

1. Those load which do not changes their position during the life of the beam is called  
a) Live load       b) Dead load      c) Moving load      d) All of the above
2. What is the use of ILD?  
 a) SF and BM can found easily      b) Calculation of moment      c) Calculation of different levels  
d) All of the above
3. For a two-hinged arch, if one of the supports settles down vertically, then the horizontal thrust  
a) Is increased      b) Is decreased       c) Remains unchanged      d) Becomes zero
4. The number of independent equations to be satisfied for static equilibrium of a plane structure is  
a) 1       b) 2       c) 3      d) 6
5. If there are  $m$  unknown member forces,  $r$  unknown reaction components and  $j$  number of joints, then the degree of static indeterminacy of a pin-jointed plane frame is given by  
a)  $m + r + 2j$        b)  $m - r + 2j$        c)  $m + r - 2j$       d)  $m + r - 3j$
6. Select the correct statement  
 a) Flexibility matrix is a square symmetrical matrix      b) Stiffness matrix is a square symmetrical matrix  
 c) Both (A) and (B)      d) None of the above

**Q.2 Attempt any one of the following questions:**

(6M)

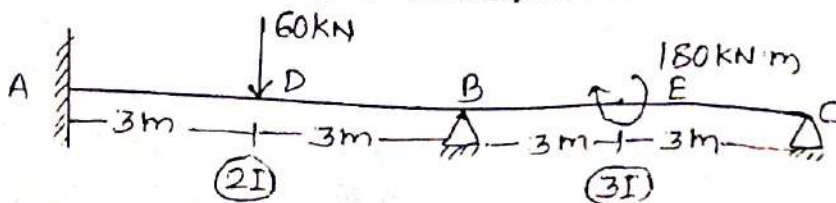
1. SSB has a span of 15 m. UDL of 50 KN/M and 5m long crosses the girder from left to right. Draw the ILD for shear force and bending moment at the section 7m from the end. Use this diagram to calculate the maximum SF and BM at the section?
2. Analyze the beam in fig. by Flexibility method  $EI$  constant



**Q.3 A) Attempt any one of the following questions:**

(8M)

1. Four points loads 10 kN, 15 kN, 15 kN, 10 kN have center to center spacing of 3 m between the consecutive loads and they traverse a girder of span 20 m from left to right with 10 kN load leading. Calculate the maximum SF and BM at 8m from left support?
2. Analyze the beam in fig. by Flexibility method





3001/3040  
TE-CIVIL



SHREEYASH PRATISHTHAN'S  
Shreeyash Technical Campus



SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY,  
SHREEYASH POLYTECHNIC,  
SHREEYASH INSTITUTE OF PHARMACY,  
SHREEYASH INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH  
Class Test Attendance Record

Class: T.E (CIVIL) A PART-I/II Academic Year: 2019-21  
Department: CIVIL Class Test No: Subject: SM-II

Roll No	Name of Student	Signature
3001	Ajay U. Bainsale	Ajay...
02	Deepak B. Baur	Deepak
03	Chulale Ashale	Chulale
04	Mukhi D. Dandge	Mukhi
05	Darvade P.B	Darvade
06	Girase Krun S.	Girase
07	Ab	
08	Jadhav Teevan Babu	Jadhav
09	Vaishnavi Dnyaneshwar Jegas	Vaishnavi
10	Khande Sunati motiram	Khande
11	Rutuja J. Kharat	Rutuja
12	Manali Vikas Kumbhar	Manali
13	Mirza Furqan Baig	Mirza
14	Sonali Ganeshrao Mukade	Sonali
15	Rutuja B. Nalawade	Rutuja
16	Neharkar Prakash Vitthal	Neharkar
17	Diksha Ramchandra Prasad	Diksha
18	Ab	
19	Ab	
20	Tanbavi Uttawar	Tanbavi
21	Rohit D. Cughmare	Rohit
22	Anil Jadhav	Anil
23	Shaikh Muzaj	Shaikh
24	Munde Omkesh Manohar	Munde
25	AKShay D. Kenale	AKShay
26	Ab	
27	Ajay B. Bharsakhale	Ajay
28	Chavhan Reshul Baburao	Chavhan
29	Chavhan Shubham Subhash	Chavhan
3030	Vishal Bhagchand Dharmant	Vishal

Name of Invigilator: N.S Vaidkar	Number of Students Present: 26
Signature of Invigilator: [Signature]	Number of Students Absent: 04
Hall Number: 221	Total Number of Students: 30

















Shreeyash Pratishthan's

# Shreeyash College of Engineering & Technology, Aurangabad.



Academic Year 2019 Semester: V Date: 27/09/2019

Name: Shubham A. Belsare

Class (Branch): TE-A (Civil) Roll No. 3058 Subject Structural Mechanics-II

Class Test No.: Midsem

Student Sign.: [Signature]

Invigilator Sign.: [Signature]

Marks Obtained out of: 17/20

Subject Teacher Sign.: [Signature]

Q.1

A)

1) → ~~(C) Moving load~~ live load ✓

2) → ~~(C) Rolling load~~

3) → (A) KN/m ✓

4) → (B) Stable and statically indeterminate ✓

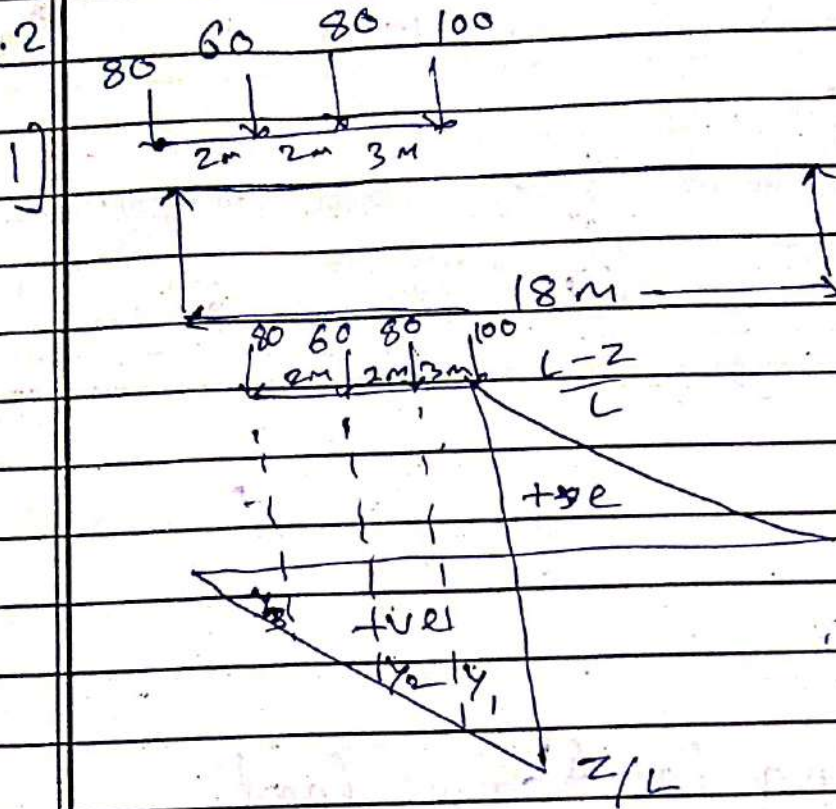
5) → (B) Flexibility ✓

6) → (A) Symmetric ✓

06



Q.2



$$y_c = \frac{z}{L} = \frac{9}{18} = 0.5 \text{ m}$$

$$(i) \frac{y_1}{6} = \frac{y_c}{z}$$

$$\therefore y_1 = \frac{0.5 \times 6}{9} = 0.333 \text{ m}$$

$$(ii) \frac{y_2}{4} = \frac{y_c}{z}$$

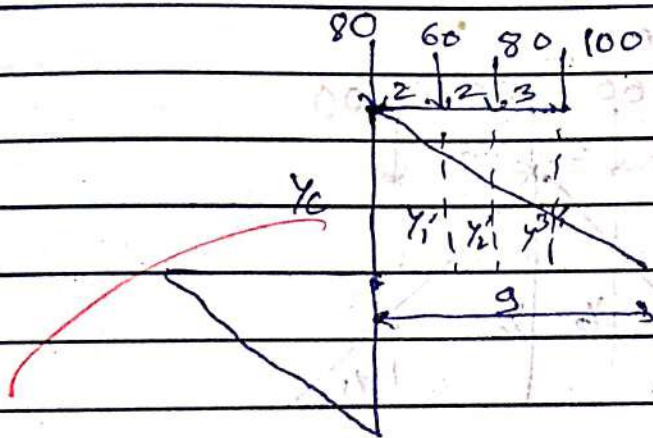
$$\therefore y_2 = \frac{0.5 \times 4}{9} = 0.222 \text{ m}$$

$$(iii) \frac{y_3}{2} = \frac{y_c}{z} \Rightarrow y_3 = \frac{0.5 \times 2}{9} = 0.111 \text{ m}$$

$$-ve \text{ max S.F.} = 100 \times y_c + 80y_1 + 60y_2 + 80y_3$$

$$= (100 \times 0.5) + (80 \times 0.333) + (60 \times 0.222) + (80 \times 0.111)$$

$$\boxed{-ve \text{ max S.F.} = 98.84 \text{ kN}}$$



$$y_c = \frac{L - 2}{L} = \frac{18 - 2}{18} = 0.5 \text{ m}$$

$$\rightarrow y_1' = \frac{0.5 \times 7}{9} = 0.388 \text{ m}$$

$$\rightarrow y_2' = \frac{0.5 \times 5}{9} = 0.277 \text{ m}$$

$$\rightarrow y_3' = \frac{0.5 \times 2}{9} = 0.111 \text{ m}$$

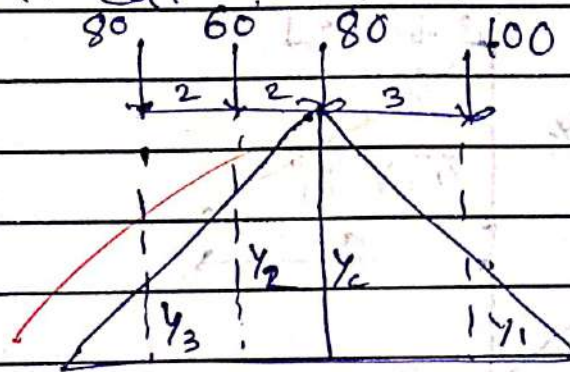


$$+S.F. \max = 80y_c + 60y_1' + 80y_2' + 100y_3'$$

$$= (80 \times 0.5) + (60 \times 0.388) + (80 \times 0.277) + (100 \times 0.111)$$

$$+S.F. \max = 96.54 \text{ kN}$$

\* B.M. Cal<sup>n</sup>



$$a = \frac{80 \times 3 + 60 \times 5 + 80 \times 7}{80 + 60 + 80 + 100}$$

$$a = 3.4375$$

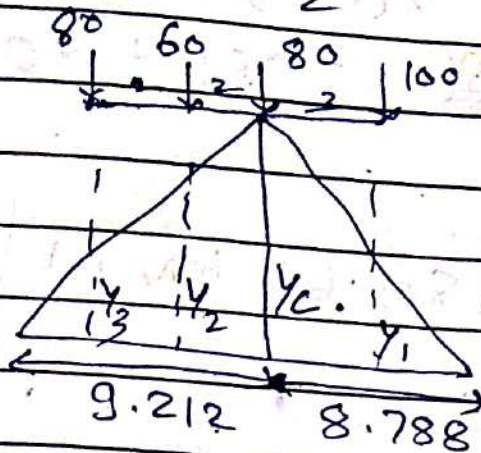
$$d = a - x$$

$$\therefore d = 3.4375 - 3$$

$$d = 0.4375$$



$$z = \frac{L - d}{2} = \frac{18 - 0.4375}{2} = 8.788 \text{ m}$$



$$y_c = \frac{z(L - z)}{L} = \frac{8.788(18 - 8.788)}{18}$$

$$y_c = 4.497 \text{ m}$$

$$\frac{y_1}{5.788} = \frac{y_c}{z} \quad \therefore y_1 = \frac{5.788 \times 4.497}{8.788}$$

$$\therefore y_1 = 2.961 \text{ m}$$

$$\frac{y_2}{7.212} = \frac{y_c}{z} \quad \therefore y_2 = \frac{5.788 \times 7.212}{8.788}$$

$$\therefore y_2 = 4.531 \text{ m}$$

$$\frac{y_3}{8.212} = \frac{y_c}{z}$$

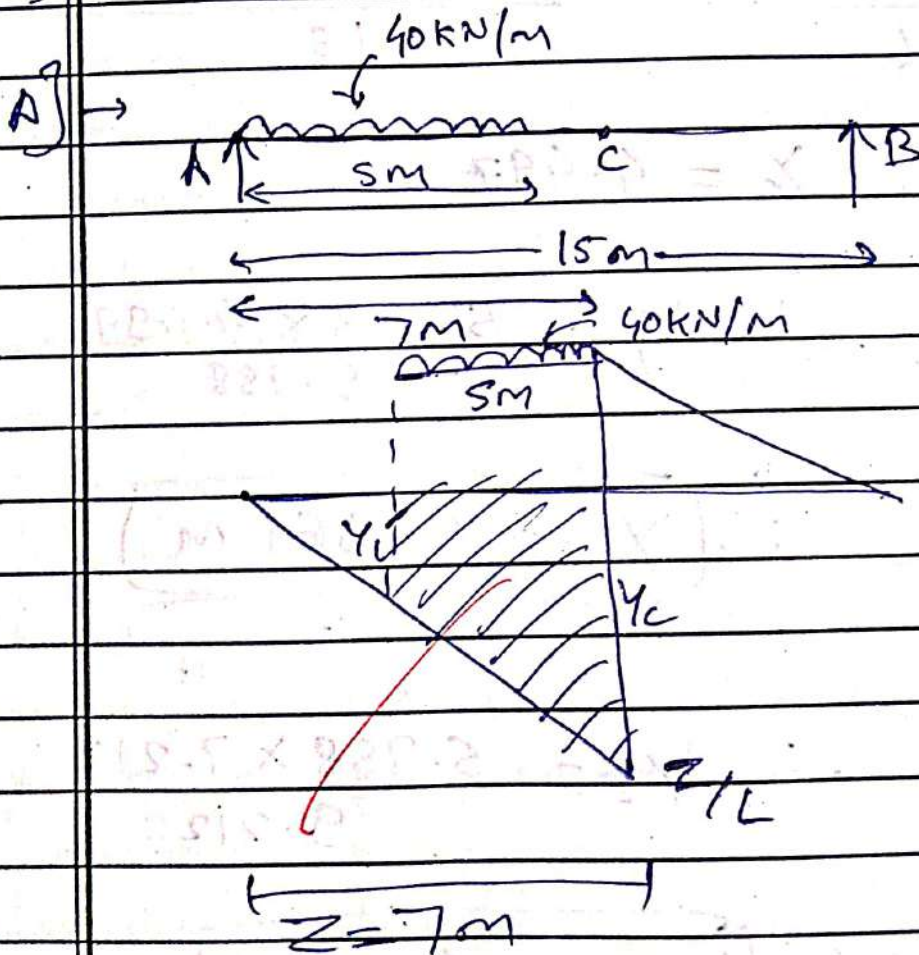
$$y_3 = 3.274 \text{ m}$$



$$\text{Abs max B.M} = 80 \times 3.274 + 60 \times 4.531 + \frac{100}{2} \times 2.961 + 80 \times 4.497$$

$$\text{Abs max B.M.} = 1189.64 \text{ kN.m}$$

Q.3



$$y_c = \frac{z}{L} = \frac{7}{15} = 0.466 \text{ m}$$



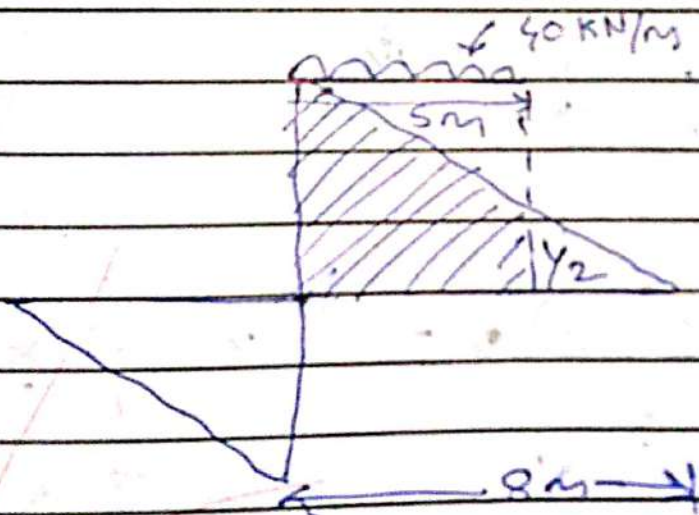
$$\frac{y_1}{2} = \frac{y_c}{2}$$

$$\therefore y_1 = \frac{2 \times 0.466}{2} = 0.133 \text{ m}$$

$\therefore$  -ve S.F. max =  $w \times$  Area of shaded portion

$$= 40 \times \left[ \frac{1}{2} \times (0.133 + 0.466) \times 5 \right]$$

$$\boxed{-ve \text{ S.F. max} = 59.9 \text{ kN}}$$



Here

$$y_c = \frac{L - z}{L} = \frac{15 - 7}{15}$$

$$\boxed{y_c = 0.533 \text{ m}}$$

$$\frac{y_2}{3} = \frac{y_c}{2}$$

$$\therefore y_2 = \frac{3 \times 0.533}{2}$$

$$\boxed{y_2 = 0.199 \text{ m}}$$





Academic Year 2019 Semester: V Date: 27/09/2019 Supplement 1

Name: Shubham A. Belsare

Class (Branch): TE-A (Civil) Roll No. 3058 Subject SM-II

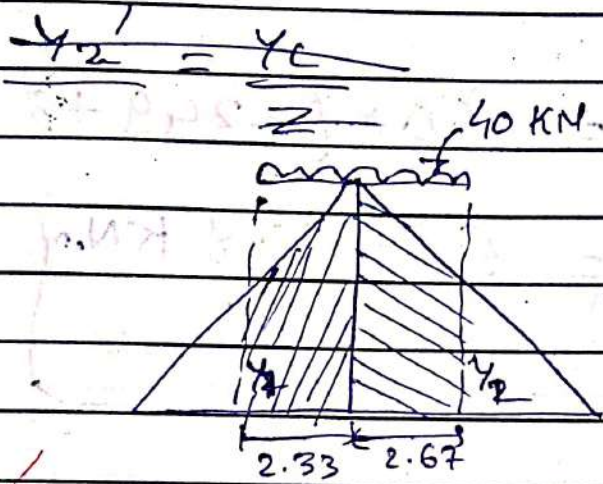
Class Test No.: Midsem

Student Sign.: [Signature]

Invigilator Sign. [ ]

Marks Obtained out of: [ ]

Subject Teacher Sign.: [ ]



$$y_c = \frac{(L-2)(2)}{L}$$

$$= \frac{(15-7) \times 7}{15}$$

$$y_c = 3.733 \text{ m}$$

$$\frac{y_1}{4.67} = \frac{y_c}{7}$$

$$y_1 = 2.49 \text{ m}$$

$$\frac{y_2}{5.33} = \frac{3.733}{8}$$

$$y_2 = 2.84 \text{ m } 2.487 \text{ m}$$

Abs max B.M.

$$\text{Calculation} = 40 \times \left\{ \left[ \frac{1}{2} \times [2.49 + 3.733] \times 2.3 \right] \right.$$

$$\left. + \left[ \frac{1}{2} \times [2.487 + 3.733] \times 2.67 \right] \right\}$$

$$= 40 \times [7.249 + 8.3037]$$

06

$$\text{Abs max B.M. calc} = 622.108 \text{ kNm}$$



# Shreeyash College of Engineering & Technology, Aurangabad

Mid Sem Examination – October 2019

Course: B. Tech in \_Mechanical Engineering Sem: III

Subject Name: Thermodynamics

Subject Code:

Max Marks:

Date:- 04/10/2019

Duration:- 1 Hr.

## Instructions to the Students:

1. Use of non-programmable scientific calculator is allowed.
2. Assume suitable data wherever necessary and mention it clearly.

Marks

### Q.1 Solve the following multiple choice questions

6

1. What is the standard fixed point of thermometry?

a) Ice point of water b) Steam point of water c) Triple point of water d) melting point

2 Heat flow into a system is taken to be \_\_\_\_\_, and heat flow out of the system is taken as \_\_\_\_\_

a) positive, positive b) negative, negative c) negative, positive d) positive, negative

3) Kelvin plank and clausius statement are

a) not connected to each other b) virtually two parallel statements of second law

c) violation of one doesn't violate the other d) none of the above

4) Triple point of water in degree celsius is

a) 0 b) 0.001 c) 100 d) 0.1

5. Example of reversed heat engine is

a) Heat pump b) Refrigerator c) both d) none

6. The efficiency of all reversible heat engines operating between the same heat reservoirs is

a) Same b) Different c) independent of working substance d) none

### Q.2 Solve Any Two of the following.

3 X 2

(A) Write short notes on (with formula and figure) a) Heat Pump b) Refrigerator

(B) State Kelvin Planks and Clausius statement of second law.

(C) What is Reversible and Irreversible process. Give examples

### Q.3 Solve Any One of the following.

8

(A) (i) Write short note on Carnot Cycle

(ii) A heat engine receives heat at the rate of 1500KJ/min and gives an output of 802KW. Determine a) thermal efficiency b) rate of heat rejection

(B) Explain Carnot Theorem and proof. Define System and types of it

\*\*\* End \*\*\*



Shreeyash Pratishthan's

# Shreeyash College of Engineering & Technology, Aurangabad.



Academic Year 2019 Semester: III Date: 4/10/2019

Name: Karpe Onkar Vishnu  
 Class (Branch): Mech (SE-A) Roll No. 21105 Subject Thermodynamics  
 Class Test No.: MED.Sem. Student Sign.: [Signature] Invigilator Sign.: [Signature] Marks Obtained out of: 19/20 Subject Teacher Sign.: [Signature]

Q.1.	- 1 -	
1.	- 1 -	
→	c) Triple point of water.	
2.	- 1 -	
→	d) positive, negative.	
3.	- 1 -	
→	b) Virtually two parallel statements of second law.	
4.	- 1 -	
→	d). 0.01	
5.	- 1 -	
→	b) Refrigerator.	
6.	- 1 -	
→	a) Same.	



Q.2.

— 1 —

A B)

— 1 —

→

### Kelvin Planck Statement.

It is impossible to construct any engine which absorb energy from a single reservoir and deliver an equivalent amount of work. This statement is known as Kelvin Planck Statement.

It means that no any engine present in a system which operating in a thermal equilibrium which has 100% efficiency.

### Clausius Statement

When any heat engine which operating in a thermal equilibrium and transferring the heat from ~~one~~ ~~reservoir~~ ~~to~~ another at ~~their~~ different fixed temperature then without any external agency then it is impossible to transfer the heat from colder body to hotter body.

(Heat ~~can~~ can not transfer from colder body to hotter body without any external agency).

C.

→

## ① Reversible Process

The process in which the system and surrounding can be restored at their initial respective states by reversing the direction of process. Such process is called as reversible process.

Example — Boiling ~~point~~, Condensation, frictionless adiabatic expansion/compression, frictionless isothermal expansion/compression.

## ② Irreversible process.

The process which are not reversible that all process are called irreversible process.

Examples — Combustion, all the process involving friction, mixing of two or more than two fluids.

## Assumptions of reversible process.

- This process is occurs in a series of equilibrium states.
- In this process friction is not present.
- The finite small time is required to process.
- This is ideal process.



Q.3

A)

(i) Carnot Cycle

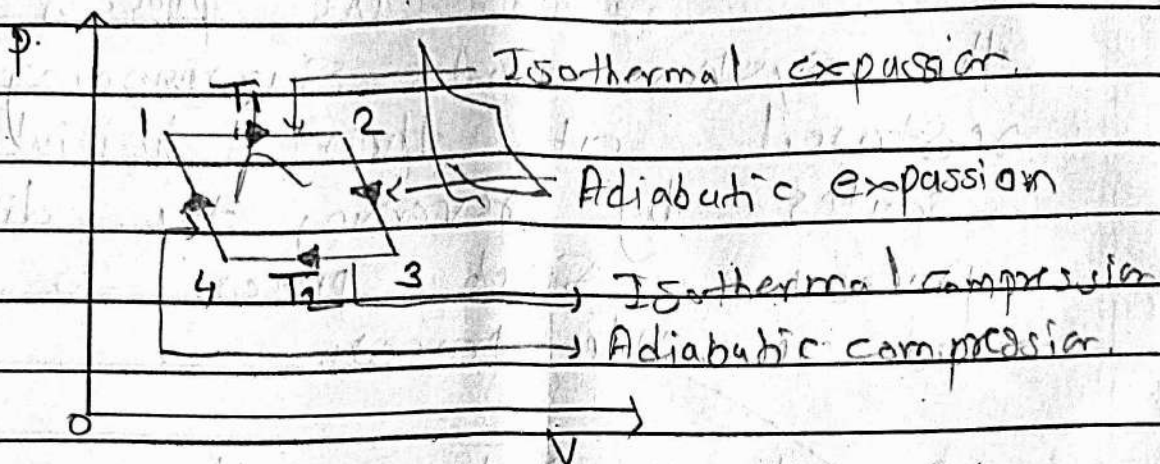


Fig (a)

Carnot cycle is a theoretical cycle.

It says that

It gives maximum efficiency through out the process

① 1 to 2 process.

In this process, the heat is added and takes place and system expands from 1 to 2 and at the constant temp.

② 2 to 3 process.

In this process, the heat is constant and temperature changes from  $T_1$  to  $T_2$  where as  $T_1 > T_2$  and expand from 2 to 3.

(III) 3 to 4 process -

In this process, the heat removes from and at constant temperature and system compresses from 3 to 4.

(IV) 4 to 1 process -

In this process, the heat is constant and temperature changes from  $T_2$  to  $T_1$ . because in temp. increases system compression takes place from 4 to 1.

$$W = Q_1 - Q_2$$

$$\eta_{\text{Carnot cycle}} = \frac{W}{Q_1}$$

$$= \frac{Q_1 - Q_2}{Q_1}$$

$$= 1 - \frac{Q_2}{Q_1}$$

$$= 1 - \frac{T_2}{T_1}$$



(ii) —

Given data —

$$Q_1 = 1500 \text{ kJ/min.}$$

$$W = 8.2 \text{ kW}$$

find. a)  $\eta$  b)  $Q_2$

SOURCE  $T_1$

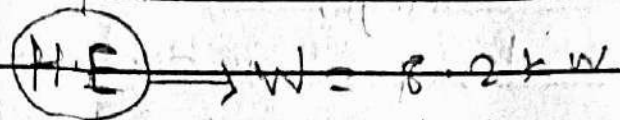


Fig. Heat engine.

Let  $Q_1 = 1500 \text{ kJ/min}$

~~$= 1500 \times 60$~~

~~$= 90000 \text{ kJ/sec}$~~

~~$= \frac{1500}{60}$~~

$Q_1 = 25 \text{ kJ/sec}$

$W = 8.2 \text{ kJ/sec}$

$$Q_1 = W + Q_2$$

$$Q_2 = W - Q_1$$

$$Q_2 = 8.2 - 25$$

$$Q_2 = 16.8 \text{ kJ/sec}$$

This is rate of heat rejection.

$$\eta = \frac{W}{Q_1}$$

$$= \frac{8.2}{25}$$

$$Q_1 = W + Q_2$$

$$Q_2 = Q_1 - W$$

$$= 25 - 8.2$$

$$Q_2 = 16.8 \text{ kJ/sec}$$

This is rate of heat rejection.

$$\eta_{th} = \frac{W}{Q_1}$$

$$= \frac{8.2}{25}$$

$$\eta_{th} = 0.328$$

$$\eta_{th} = 0.328 \times 100$$

$$\eta_{th} = 32.8 \%$$

Thermal efficiency of heat engine is 32.8%.

End



dt: 04-10-19

10:15 - 11:15 AM

FORMAT NO. STC/PR011/F/02



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Shreeyash Technical Campus



SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY,

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SHREEYASH INSTITUTE OF PHARMACY,

SHREEYASH INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH

Class Test Attendance Record

Class: SE-A

PART-I/II

Academic Year: 2019-20

Department: ME

Class Test No: Mid Sem.

Subject: Thermodynamic

Roll No	Name of Student	Signature
21101	Aniket Satish Anjanekar	[Signature]
102	Sudeshm P. Chaudhari	[Signature]
103	Vash R. Deore	[Signature]
104	Shubham N. Gawande	[Signature]
105	Karpe Ankur Vishnu	[Signature]
106	Aakash Sanjay Khambhat	[Signature]
107	Chinde Siddharth Jitendra	[Signature]
108	Temkar Tushar Ravi	[Signature]
109	Tharwat Rohit Bhagwat	[Signature]
110	Rudnik vijayant Pawar	[Signature]
111	Lalankar Sagar Madhukar	[Signature]
112	Agrawal Poojisha Kanhaiyalal	[Signature]
113	Bankar Vicky bhattarai	[Signature]
114	Rohan trailash Banule	[Signature]
115	Rawale Yashwantrao Satish	[Signature]
116	Boakar Krishna B.	[Signature]
117	Chakre Dhanash Chandra Chakre	[Signature]
118	Pravin Baburao Chavan	[Signature]
119	Sivraj Nanasahab Chavan	[Signature]
120	Shubham M. Dabhadre	[Signature]
121	Shubham S. Dabhadre	[Signature]
122	Deshpande Nikhil Sunil	[Signature]
123	Dhapate Pallavi Dattatraya	[Signature]
124	Krisna R. funde.	[Signature]
125	Neha P. Fetwarik	[Signature]
126	Gaikwad Gorak D	[Signature]
127	Pradilla Prakash Arjune	[Signature]
128	Devilal Ramdal Gargave	[Signature]
129	Ghodke Shubham Uttam	[Signature]
130	Pratibha Balaji Ghuge	[Signature]

Name of Invigilator: ZAS	Number of Students Present: 30
Signature of Invigilator: [Signature]	Number of Students Absent: 00
Hall Number: 8	Total Number of Students: 30

**DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY**  
**LONERE-RAIGAD**  
**MID Semester Examination- October-2019**

Course B, Tech in: Civil Engg.  
 Subject Name: STRUCTURAL MECHANICS-II  
 Max Marks: 20  
 Date: 27/09/2019

Semester-II  
 Subject Code: BTCVC502  
 Time: 1:15 hr

**Instructions:**

1. All questions are compulsory.
2. Illustrate your answers with neat sketches wherever necessary.
3. Figures to the right indicate full marks.

Q.1 A) Attempt all the following objective questions:

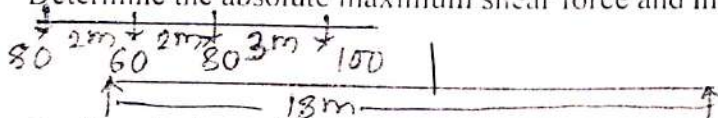
(6M)

1. Those load which changes their position during the life of the beam is called  
 A) Live load     B) Dead load     C) Moving load     D) All of the above
2. Moving train is an example of ..... load  
 A) Point load     B) Cantered load     C) Rolling load     D) Uniformly varying load
3. Units of UDL  
 A) KN/M     B) KN-M     C) KN-M\*M     D) KN
4. If in a pin-jointed plane frame  $(m + r) > 2j$ , then the frame is  
 (Where 'm' is number of members, 'r' is reaction components and 'j' is number of joints)  
 a) Stable and statically determinate     b) Stable and statically indeterminate     c) Unstable  
 d) None of the above
5. The deformation of a spring produced by a unit load is called  
 a) Stiffness     b) Flexibility     c) Influence coefficient     d) Unit strain
6. Flexibility matrix is always  
 a) Symmetric     b) non-symmetric     c) anti-symmetric     d) depends upon loads applied

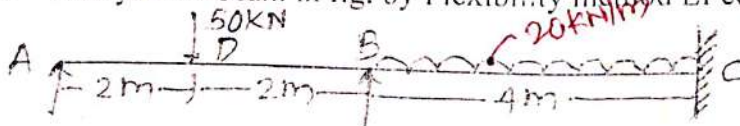
Q.2 Analyze any one of the following questions:

(6M)

1. A SSB shown in figure is subjected to a set of four concentrated loads which moves from left to right. Determine the absolute maximum shear force and moment in beam?



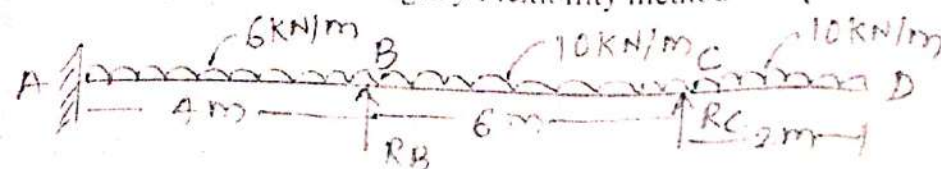
2. Analyze the beam in fig. by Flexibility method EI constant



3 A) Attempt any one of the following questions:

(8M)

1. SSB has a span of 12 m, UDL of 40 KN/M and 5m long crosses the girder from left to right. Draw the ILD for shear force and bending moment at the section 7m from the end. Use this diagram to calculate the maximum SF and BM at the section?
2. Analyze the beam in fig. by Flexibility method



















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SHREEYASH POLYTECHNIC,  
SHREEYASH INSTITUTE OF PHARMACY,  
SHREEYASH INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH  
Class Test Attendance Record

Class: TE-B

PART - I/II

Academic Year: 2019-20

Department: Civil

Class Test No: MID Sem Exam Subject: SM-II

Roll No	Name of Student	Signature
3114	Patil Anand. C	Patil
3115	Patil Vikram V.	Patil
3116	Pawar Parmeshwar Dada Rao	Pawar
3117	Kadam Pradeep Ramhari	Pradeep
3118	Pradhan Ketan Vijay	Pradhan
3119	Rithe Saurabh Somnath	Rithe
3120	Shivame Rawindra Sobie	Shivame
3121	Abhay Gopichand Pawar	Abhay
3122	Sayed Anandpasha Samedpasha	Sayed
3123	Dhawantra Ravi Narandra	Dhawantra
3124	Shaikh Awez.	Shaikh
3125	Shaikh Cheteshan	Shaikh
3126	Ab	
3127	Ab	
3128	Ab	
3129	Sankamle Sunayna Subhash	Sankamle
3130	Sankamle Sukanya Subhash	Sankamle
3131	Thakre Karan Suresh Singh.	Thakre
3132	Syed Mustaqueem Syed mocheer	Syed
3133	Tambade Arno mahadev	Tambade
3134	Aamre Ali Khan	Aamre
3135	Ab	
3136	Krushna Ramdeo Hiwale	Krushna
3137	Wajnam Nagnath Shivaji	Wajnam
3138	Borde Sushant Shashikant	Borde
3139	Wasthure Ashay Gopal	Wasthure
3140	Rohit B. Ankushe	Rohit

Name of Invigilator: A.D. Lohane	Number of Students Present: 23
Signature of Invigilator: [Signature]	Number of Students Absent: 04
Hall Number: 107	Total Number of Students: 27





Shreeyash Pratishthan's

# Shreeyash College of Engineering & Technology, Aurangabad.



Academic Year 2019 Semester: V Date: 27/9/19

Name: Nikita Bhausabheb Jadhav

Class (Branch): CIVIL (CE-B) Roll No. 3111 Subject SM-II

Class Test No.: 1 AFD-SEM

Student Sign.: [Signature]

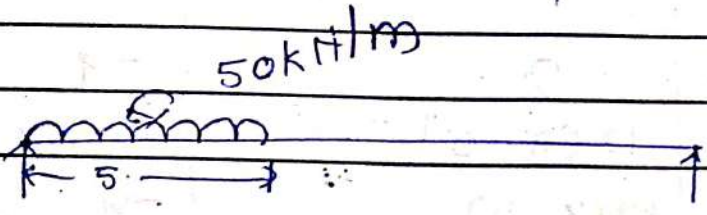
Invigilator Sign.: [Signature]

Marks Obtained out of: 18/20

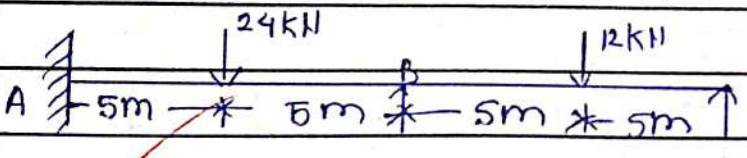
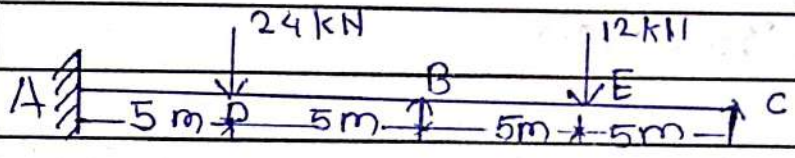
Subject Teacher Sign.: [Signature]

Q2)

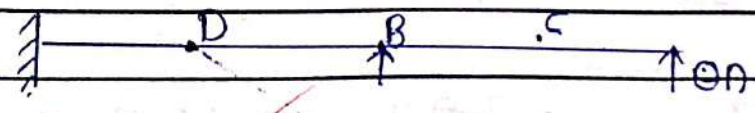
1)



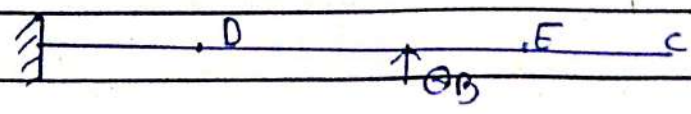
2)



M. diag.



m. diag.



m2 diag.



$$S.F. = 5 - 3$$

$$= 2$$

portion	limit	moment due to external load	moment Uo/d load	
			m1	m2
CE	0-5	0	-x	0
EB	5-10	12(x-5)	-x	0
BD	10-15	12(x-5)	-x	(x-10)
DA	15-20	12x - 60 + 24(x-5)	-x	(x-10)
		12x - 60 + 24x - 120		
		36x + 180		

$$DOL_1 = \int_0^L \frac{Mm_1}{EI} dx$$

$$= \int_0^5 0 + \int_5^{10} \frac{12(x-5)(-x)}{EI} dx +$$

$$\int_{10}^{15} \frac{(12(x-5)(x))}{EI} dx + \int_{15}^{20} \frac{(36x+180)(-x)}{EI}$$

$$= \frac{-1250}{EI} - \frac{5750}{EI} - \frac{39750}{EI} - \frac{25750}{EI}$$

$$DOL_1 = \frac{-32750}{EI}$$

$$DOL_2 = \int_0^L \frac{Mm_2}{EI} dx$$



$$= \int_{10}^{15} \frac{(12x - 60)(x - 10)}{EI} + \int_{15}^{20} \frac{(12x - 60) + (249 - 12x)}{EI} \cdot x(x - 10)$$

$$DGL2 = \frac{1250}{EI} + \frac{12250}{EI}$$

$$= 13500$$

$$F_{11} = \int_0^L m_1 m_1$$

$$F_{11} = \int_0^5 \frac{(x^2)}{EI} + \int_5^{10} \frac{(x^2)}{EI} + \int_{10}^{15} \frac{(-x^2)}{EI} + \int_{15}^{20} \frac{(-x^2)}{EI}$$

$$= 0 \cdot 41.66 + 291.66 + 791.66 + 1541.66$$

$$F_{11} = 2666.64$$

$$F_{12} = \int_0^L m_1 m_2$$

$$F_{12} = \int_0^5 \frac{(-x)(0)}{EI} + \int_{10}^{15} \frac{(-x)(x - 10)}{EI} + \int_{15}^{20} \frac{(-x)(x - 10)}{EI}$$

$$F_{12} = -166.66 - 666.66$$

$$F_{12} = 833.32$$

$$F_{22} = \int_0^L m_2 m_2$$

$$= \int_{10}^{15} \frac{(x - 10)^2}{EI} + \int_{15}^{20} \frac{(x - 10)^2}{EI}$$

$$F_{22} = 333.32$$



$$F = \begin{bmatrix} F_{11} & F_{12} \\ F_{21} & F_{22} \end{bmatrix}$$

$$= \begin{bmatrix} 2666.64 & 833.33 \\ 833.33 & 333.32 \end{bmatrix}$$

$$|F| = (2666.64 \times 333.32) - (833.33 \times 833.33)$$

$$|F| = 194405.55$$

$$F^{-1} = \frac{\text{adj}F}{|F|}$$

$$\text{adj}F = \frac{1}{|F|} \begin{bmatrix} 333.32 & -833.32 \\ -833.32 & 2666.64 \end{bmatrix}$$

$$\frac{1}{194405.55} \begin{bmatrix} 333.32 & -833.32 \\ -833.32 & 2666.64 \end{bmatrix}$$

$$Q_1 = F^{-1} (D_0 - D_0L)$$

$$Q_1 = \frac{1}{194405.55} \begin{bmatrix} 333.32 & -833.32 \\ -833.32 & 2666.64 \end{bmatrix} \begin{bmatrix} 0 - 32750 \\ 0 - 13500 \end{bmatrix}$$

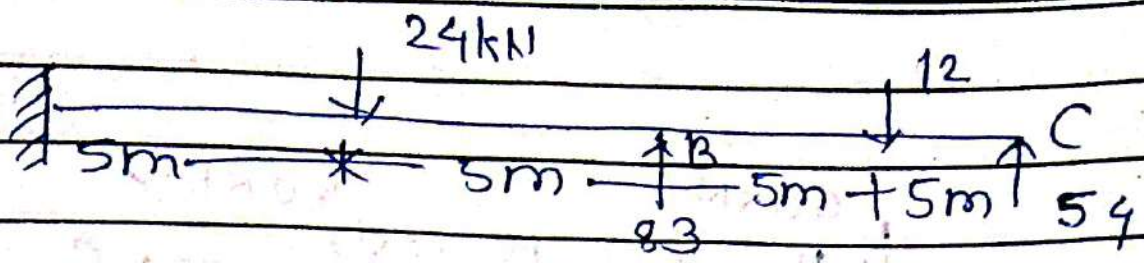
$$Q_1 = (333.32 \times 32750) - (833.32 \times 13500)$$

$$Q_1 = \cancel{135} \text{ } 54$$

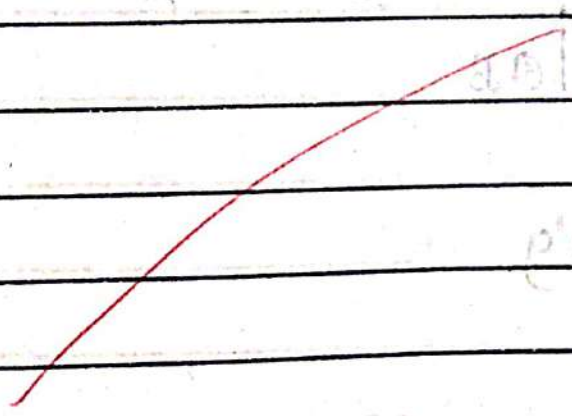
$$Q_2 = (-833.32 \times 32750) + (833.32 \times 13500)$$

$$Q_2 = -83$$

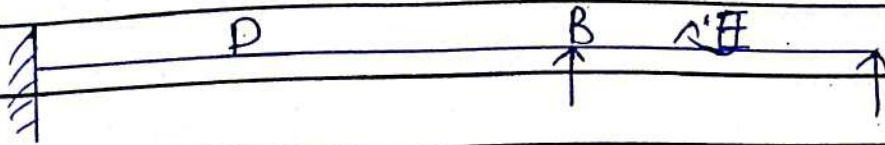
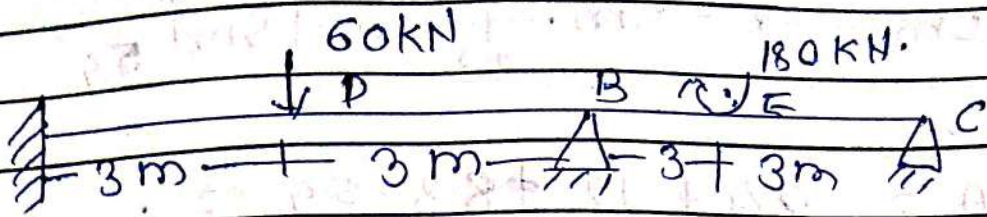




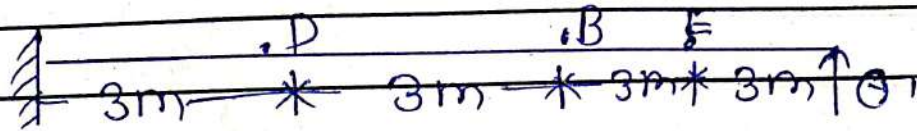
$$M@A = 24 + 12 + 83 - 54 = \dots$$



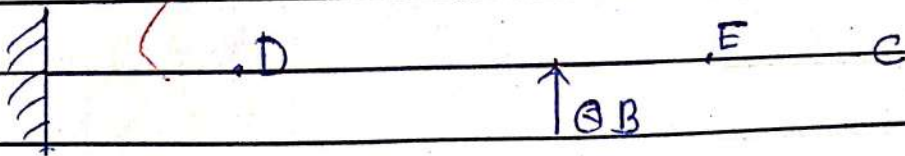
Q3)  
2)



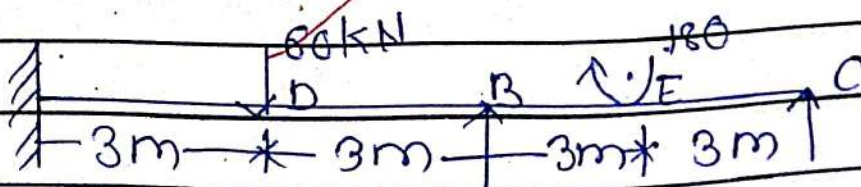
M. dig



m<sub>1</sub> dig



m<sub>2</sub> dig





Portion	Limit	moment due to external load	moment due to unit load	
			m1	m2
CE	0-3	0	-x	0
EB	3-6	180	-x	0
BD	6-9	180	-x	(x-6)
DD	9-12	180 + 60(x-9) 180 + 60x - 540	-x	(x-6)

$$DOL_1 = \int_0^L \frac{M m_1}{EI} dx$$

$$= \int_3^6 \frac{6(180)(-x)}{EI} + \int_6^9 \frac{180(-x)}{EI}$$

$$+ \int_9^{12} \frac{180 + (60x - 540)}{EI}$$

$$DOL_1 = \frac{-2430}{EI} - \frac{4050}{EI} + \frac{810}{EI}$$

$$DOL_1 = \frac{-5670}{EI} - \frac{2430}{EI}$$

$$DOL_2 = \int_0^L \frac{M m_2}{EI} dx$$



$$= \int_0^9 \frac{180(x-6)}{EI} + \int_9^{12} \frac{180(602-540)(x-6)}{EI}$$

$$= \frac{24300}{EI} + \frac{24300}{EI} \cdot 405 + 121500$$

$$D_{0L2} = \frac{24300}{EI} + \frac{121905}{EI}$$

$$F_{11} = \int_0^L \frac{m_1 m_1}{EI}$$

$$F_{11} = \int_0^3 \frac{(-x)^2}{E3I} + \int_3^6 \frac{(-x)^2}{E3I} + \int_6^9 \frac{(-x)^2}{E2I} + \int_9^{12} \frac{(-x)^2}{E2I}$$

$$F_{11} = 3 \cdot 9 - 85.5 - 166.5$$

$$F_{11} = -270$$

$$F_{12} = \int_0^L \frac{m_1 m_2}{EI}$$

$$= \int_0^9 \frac{(-x)(x-6)}{E2I} + \int_9^{12} \frac{(-x)(x-6)}{2EI}$$

$$F_{12} = -18 - 72$$

$$F_{12} = -72$$

$$F_{22} = \int_0^L m_2 m_2$$

$$= \int_0^6 \frac{(x-6)^2}{E2I} + \int_6^{12} \frac{(x-6)^2}{2EI}$$





Shreeyash Pratishthan's

# Shreeyash College of Engineering & Technology, Aurangabad.



Academic Year 201\_\_ Semester: \_\_\_\_\_ Date: \_\_\_\_\_ Supplement No: \_\_\_\_\_

Name: Nikita Bhaysaheb Dadhav

Class (Branch): CIVIL (TE-B) Roll No. 3111 Subject SM II

Class Test No.:

Student Sign.:

Invigilator Sign.

Marks Obtained out of:

Subject Teacher Sign.:

$$90 \neq$$

$$F_{22} = 40.5$$

$$F = \begin{bmatrix} F_{11} & F_{12} \\ F_{21} & F_{22} \end{bmatrix}$$

$$F = \begin{bmatrix} 276 & 90 \\ 90 & 360 \end{bmatrix} \quad \begin{bmatrix} 276 & 90 \\ 90 & 36 \end{bmatrix}$$

$$|F| = (276 \times 360) - (90 \times 90)$$

$$|F| = \frac{5751}{EI} - \frac{1836}{EI}$$

$$F^{-1} = \frac{adj}{|F|}$$

$$adj F = \frac{5751}{EI} \begin{bmatrix} 40.5 & -72 \\ -72 & 270 \end{bmatrix} \quad \begin{bmatrix} 276 & 90 \\ 90 & 36 \end{bmatrix}$$

$$Q_1 = F^{-1} \quad (DQ - DQ_{II})$$



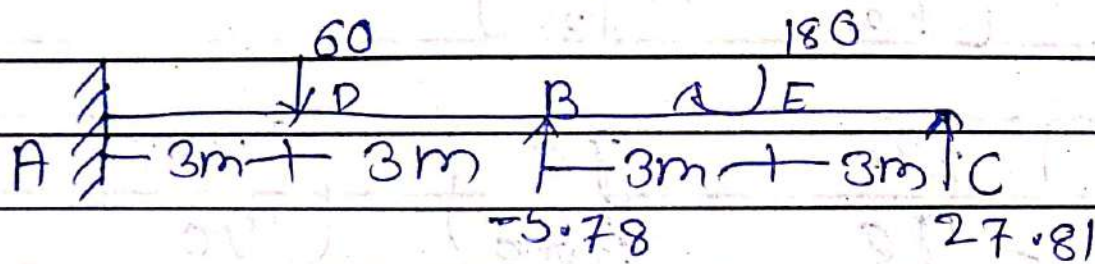
$$Q_1 = \frac{5751}{EI} \begin{bmatrix} \cancel{36} 36 & -90 \\ -90 & 276 \end{bmatrix} \begin{bmatrix} 0 - 2430 \\ 0 - 121905 \end{bmatrix}$$

$$Q_1 = \frac{5751}{EI} [36 \times 2430] - (90 \times 2430)$$

$$Q_1 = 27.81$$

$$Q_2 = \frac{5751}{EI} (90 \times 2430) - (276 \times 121905)$$

$$Q_2 = -5.78$$



$$R_B = 60 + 5.78 - 27.81$$

$$R_C = 37.91$$

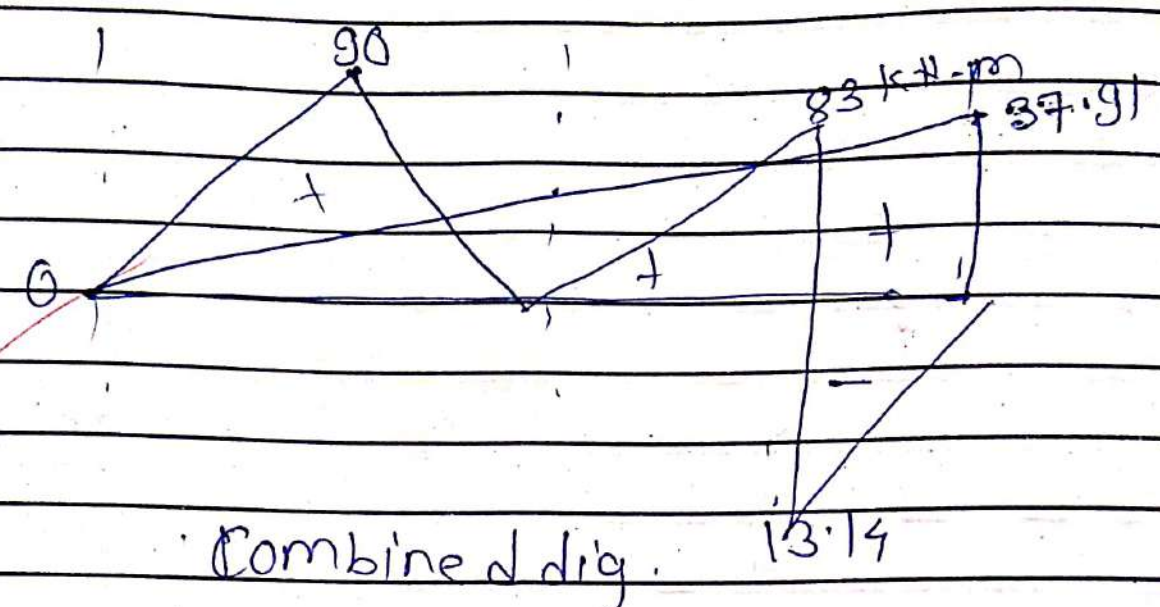
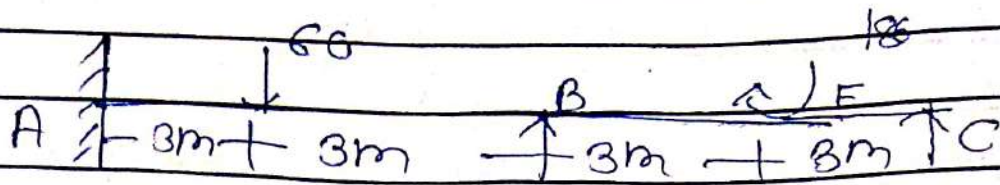
$$[M@E]_L = 8.3$$

$$[M@E]_R = -38.7$$

$$M@D = \frac{WL}{4} = \frac{60 \times 6}{4} = 90 \text{ kN}\cdot\text{m}$$

$$M@B = 27.8 \times 6 - 180 = -13.14$$





Q1

1)

→ Dead load ✓

2)

→ all of the above

3)

→ Remains unchanged ✓

4)

→ 3 ✓

5)

→  $m + r - 2j$  ✓

6)

→ Both (A) & (B) ✓

05

# Shreeyash College of Engineering & Technology, Aurangabad

Mid Sem Examination – October 2019

Course: B. Tech in \_Mechanical Engineering Sem: III

Subject Name: Thermodynamics

Subject Code:

Max Marks:

Date:- 04/10/2019

Duration:- 1 Hr.

## Instructions to the Students:

1. Use of non-programmable scientific calculator is allowed.
2. Assume suitable data wherever necessary and mention it clearly.

Marks

### Q.1 Solve the following multiple choice questions

6

1. What is the standard fixed point of thermometry?

a) Ice point of water b) Steam point of water c) Triple point of water d) melting point

2 Heat flow into a system is taken to be \_\_\_\_\_, and heat flow out of the system is taken as \_\_\_\_\_

a) positive, positive b) negative, negative c) negative, positive d) positive, negative

3) Kelvin plank and clausius statement are

a) not connected to each other b) virtually two parallel statements of second law

c) violation of one doesn't violate the other d) none of the above

4) Triple point of water in degree celsius is

a) 0 b) 0.001 c) 100 d) 0.1

5. Example of reversed heat engine is

a) Heat pump b) Refrigerator c) both d) none

6. The efficiency of all reversible heat engines operating between the same heat reservoirs is

a) Same b) Different c) independent of working substance d) none

### Q.2 Solve Any Two of the following.

3 X 2

(A) Write short notes on (with formula and figure) a) Heat Pump b) Refrigerator

(B) State Kelvin Planks and Clausius statement of second law.

(C) What is Reversible and Irreversible process. Give examples

### Q.3 Solve Any One of the following.

8

(A) (i) Write short note on Carnot Cycle

(ii) A heat engine receives heat at the rate of 1500KJ/min and gives an output of 802KW. Determine a) thermal efficiency b) rate of heat rejection

(B) Explain Carnot Theorem and proof. Define System and types of it

\*\*\* End \*\*\*





Shreeyash Pratishthan's

# Shreeyash College of Engineering & Technology, Aurangabad.



Academic Year 2019 Semester: III Date: 4/10/2019

Name: Karpe Onkar Vishnu  
 Class (Branch): Mech (SE-A) Roll No. 21105 Subject Thermodynamics  
 Class Test No.: Med. Sem. Student Sign.: [Signature] Invigilator Sign.: [Signature] Marks Obtained out of: 19/20 Subject Teacher Sign.: [Signature]

Q.1.	- 1 -	
1.	- 1 -	
→		c) Triple point of water.
2.	- 1 -	
→		d) positive, negative.
3.	- 1 -	
→		b) Virtually two parallel statements of second law.
4.	- 1 -	
→		d). 0.01
5.	- 1 -	
→		b) Refrigerator.
6.	- 1 -	
→		a) Same.

Q.2.

— 1 —

A B)

— 1 —

→

### Kelvin Planck Statement.

It is impossible to construct any engine which absorb energy from a single reservoir and deliver an equivalent amount of work. This statement is known as Kelvin Planck Statement.

It means that no any engine present in a system which operating in a thermal equilibrium which has 100% efficiency.

### Clausius Statement

When any heat engine which operating in a thermal equilibrium and transferring the heat from ~~one~~ ~~reservoir~~ ~~to~~ another at ~~their~~ different fixed temperature then without any external agency then it is impossible to transfer the heat from colder body to hotter body.

(Heat ~~can~~ can not transfer from colder body to hotter body without any external agency).



C.  
→

→ 1 →

### ① Reversible Process

The process in which the system and surrounding can be restored at their initial respective states by reversing the direction of process. Such process is called as reversible process.

Example — Boiling ~~point~~, Condensation, frictionless adiabatic expansion/compression, frictionless isothermal expansion/compression.

### ② Irreversible process.

The process which are not reversible that all process are called irreversible process.

Examples — Combustion, all the process involving friction, mixing of two or more than two fluids.

### Assumptions of reversible process.

- This process is occurs in a series of equilibrium states.
- In this process friction is not present.
- The finite small time is required to process.
- This is ideal process.

Q.3

A)

(i) Carnot Cycle

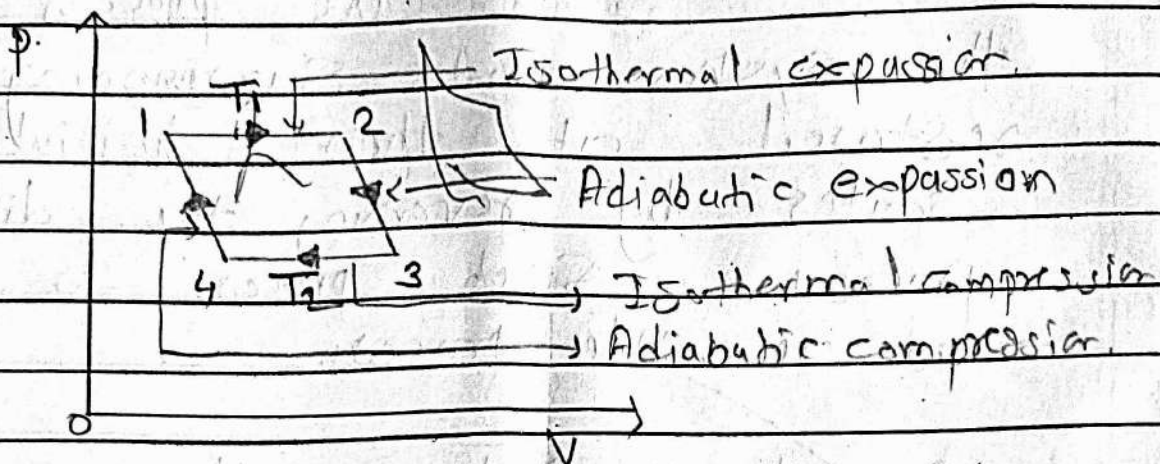


Fig (a)

Carnot cycle is a theoretical cycle.

It says that

It gives maximum efficiency through out the process

① 1 to 2 process.

In this process, the heat is added and takes place and system expands from 1 to 2 and at the constant temp.

② 2 to 3 process.

In this process, the heat is constant and temperature changes from  $T_1$  to  $T_2$  where as  $T_1 > T_2$  and expand from 2 to 3.



(III) 3 to 4 process -

In this process, the heat removes from and at constant temperature and system compresses from 3 to 4.

(IV) 4 to 1 process -

In this process, the heat is constant and temperature changes from  $T_2$  to  $T_1$ . because in temp. increases system compression takes place from 4 to 1.

$$W = Q_1 - Q_2$$

$$\eta_{\text{Carnot cycle}} = \frac{W}{Q_1}$$

$$= \frac{Q_1 - Q_2}{Q_1}$$

$$= 1 - \frac{Q_2}{Q_1}$$

$$= 1 - \frac{T_2}{T_1}$$

(ii) —

Given data —

$$Q_1 = 1500 \text{ kJ/min.}$$

$$W = 8.2 \text{ kW}$$

find. a)  $\eta$  b)  $Q_2$

SOURCE  $T_1$

H.E

$$W = 8.2 \text{ kW}$$

SINK  $T_2$

Fig. Heat engine.

$$\text{Let } Q_1 = 1500 \text{ kJ/min}$$

$$= 1500 \times \frac{1}{60}$$

$$= 25 \text{ kJ/sec}$$

$$= \frac{1500}{60}$$

$$Q_1 = 25 \text{ kJ/sec}$$

$$W = 8.2 \text{ kJ/sec}$$



$$Q_1 = W + Q_2$$

$$Q_2 = W - Q_1$$

$$Q_2 = 8.2 - 25$$

$$Q_2 = 16.8 \text{ kJ/sec}$$

This is rate of heat rejection.

$$\eta = \frac{W}{Q_1}$$

$$= \frac{8.2}{25}$$

$$Q_1 = W + Q_2$$

$$Q_2 = Q_1 - W$$

$$= 25 - 8.2$$

$$Q_2 = 16.8 \text{ kJ/sec}$$

This is rate of heat rejection.

$$\eta_{th} = \frac{W}{Q_1}$$

$$= \frac{8.2}{25}$$

$$\eta_{th} = 0.328$$

$$\eta_{th} = 0.328 \times 100$$

$$\eta_{th} = 32.8 \%$$

Thermal efficiency of heat engine is 32.8%.

End

dt: 04-10-19

10:15 - 11:15 AM

FORMAT NO. STC/PR011/F/02



SHREEYASH PRATISHTHAN'S

Shreeyash Technical Campus



SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY,

SHREEYASH POLYTECHNIC,

SHREEYASH INSTITUTE OF PHARMACY,

SHREEYASH INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH

Class Test Attendance Record

Class: SE-A

PART-I/II

Academic Year: 2019-20

Department: ME

Class Test No: Mid Sem.

Subject: Thermodynamic

Roll No	Name of Student	Signature
21101	Aniket Satish Anjanekar	[Signature]
102	Sudeshm P. Chaudhari	[Signature]
103	Vash R. Deore	[Signature]
104	Shubham N. Gawande	[Signature]
105	Karpe Ankur Vishnu	[Signature]
106	Aakash Sanjay Khambhat	[Signature]
107	Chinde Siddharth Jitendra	[Signature]
108	Temkar Tushar Ravi	[Signature]
109	Throat Rohit Bhagwat	[Signature]
110	Rudrik vijayant Pawar	[Signature]
111	Lalankar Sagar Madhukar	[Signature]
112	Agrawal Poojisha Kanhaiyalal	[Signature]
113	Bankar Vicky bhattarai	[Signature]
114	Rohan trailash Banule	[Signature]
115	Rawale Yashwantrao Satish	[Signature]
116	Boakar Krishna B.	[Signature]
117	Chakre Dhanash Chandra Chakre	[Signature]
118	Pravin Baburao Chavan	[Signature]
119	Sivraj Nanasahab Chavan	[Signature]
120	Shubham M. Dabhadre	[Signature]
121	Shubham S. Dabhadre	[Signature]
122	Desalepatil Nikhil Sunil	[Signature]
123	Dhapate Pallavi Dattatraya	[Signature]
124	Krisna R. funde.	[Signature]
125	Neha P. Fetwarik	[Signature]
126	Gaikwad Gorak D	[Signature]
127	Pradilla Prakash Arjune	[Signature]
128	Devilal Ramdal Gargave	[Signature]
129	Ghodke Shubham Uttam	[Signature]
130	Pratibha Balaji Ghuge	[Signature]

Name of Invigilator: ZAS	Number of Students Present: 30
Signature of Invigilator: [Signature]	Number of Students Absent: 00
Hall Number: 8	Total Number of Students: 30





SHREEYASH PRATISHTHAN'S  
**SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY**  
SataraParisar, Beed By-Pass Road, Aurangabad -431010 (M.S.)  
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**2.5 EVALUATION PROCESS AND REFORMS**



## **INTERNAL ASSESSMENT THROUGH TEST**

### **3] PRELIM EXAMINATION**



# Shreeyash College of Engineering and Technology

Satara Parisar, Beed By-Pass Road, Aurangabad - 431 001 (M.S.)

T: +91 240 6608701 / 709, F: +91 240 6608709, E: sycet@yahoo.com, Web: www.sycet.org & www.syp.ac.in

Date: 13.10.2018

## NOTICE

### Pattern of Preliminary Examinations

All the students of SE, TE, BE, are here with informed that prelim examination is scheduled from 20<sup>th</sup> to 26<sup>th</sup> Oct. 2018 (As per schedule displayed) and for FE prelim examination will be conducted in third week of November 2018.

For TE, BE prelim exam will be conducted on complete syllabus (80 Marks as per BAMU pattern) and for FE, SE, it will be on 50% syllabus from section-B (30 Marks as per DBATU pattern).

Subject Teachers are informed to prepare two model question papers as per university pattern and display it on notice board on or before 15<sup>th</sup> Oct. 2018 for papers to be conducted on 20,22,23<sup>rd</sup> Oct. 2018 and before 17<sup>th</sup> Oct. 2018 for remaining papers. **Final Model Question paper will not be any one of these two papers but it will be prepared by combination of these two question papers.**

Minimum 50 % marks are required for passing in Preliminary Examinations and attendance is compulsory. Students remaining absent due to any of the reasons as well as failing to score minimum 50 % marks will not be allowed for Teamwork Submissions and may be detained.

Performance of preliminary examination will be considered as a performance of class test and will be converted to 20 marks.

Dr. R. S. Pawar,  
Principal

Copy to:

All HODs for necessary action & student's circulation  
All notice boards





SHREEYASH PRATISHTHAN'S  
**Shreeyash Technical Campus**  
SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY, AURANGABAD

FORMAT NO.



TIME TABLE FOR PRELIMINARY EXAMINATION

CLASS: ALL DEPARTMENT

ACADEMIC YEAR: 2018-19

(Semester-I)

Date: -11-10-2018

DEPARTMENT	MECH			CIVIL			EEP			E& TC			CSE		
	SE	TE	BE	SE	TE	BE	SE	TE	BE	SE	TE	BE	SE	TE	BE
20/10/2018 (10.30am to 01:30 pm)	M-III	TOM-II	ACS	M-III	DOS	EE-II	M-III	SPEM	PSP	M-III	EME	ES	M-III	PIJ	PDC
22/10/2018 (10.30am to 01:30 pm)	TD	MM	MQC	MOS	BPD	DOS-II	NAS	EMF	DSP	DLT	MPMC	VLSI	DS	DBMS	PCD
23/10/2018 (10.30am to 01:30 pm)	MSM	DOME I	ICE	HYD 1	HE	FE	FMT	PSA	EB	AC	DSP	DIP	CAO	TOC	CC
24/10/2018 (10.30am to 01:30pm)	MD	FM	TM	SUR- 1	TOS-II	ELE-I	MI	CSE	IA	NA	DC	MRE	DM	CNAP	VM
25/10/2018 (10.30am to 01:30pm)	FM	MMT	PPE	BC	EG	WRE-II	EEM	MI	ELE-I	EDC	ELE-I	EL-I	DE&M P	OS	DWDM
26/10/2018 (10.30am to 01:30pm)	-			EG			EE								

Central Class Test Co-ordinator

*P. A. S. Adkise*

Principal

SHREEYASH PRATISHTAN'S  
Shreeyash Technical Campus  
Shreeyash College of Engineering & Technology, Aurangabad




DEPARTMENT OF MECHANICAL ENGINEERING


Preliminary Examination- I  
Time Table

Date	Time	Class
		SE
22/04/2019 (Mon)	10:15 am to 1:15 pm	SOM
24/04/2019 (Wed)	10:15 am to 1:15 pm	IOM-I
25/04/2019 (Thus)	10:15 am to 1:15 pm	NMME
26/04/2019 (Fri)	10:15 am to 1:15 pm	MP-I
27/04/2019 (Sat)	10:15 am to 1:15 pm	IPS

Note: 1. Students scored 50% Marks (i.e., 30 Marks) in first attempt are considered as pass. 2. Pass students can continue their submission process as per schedule. 3. Students, who will not appear in Preliminary Examination- I will be detained.

CT Coordinator  
Prof. H. A. Tonday

  
Prof. G. S. Dhage

  
Principal  
Dr. R. S. Pawar



SHREEYASH PRATISHTAN'S  
Shreeyash Technical Campus  
Shreeyash College of Engineering & Technology, Aurangabad

DEPARTMENT OF MECHANICAL ENGINEERING

Preliminary Examination- II  
Time Table

Date	Time	Class	
		TE	BE
20/04 2019 (Sat)	10:15 am to 1:15 pm	DMIE-II	AE
22/04 2019 (Mon)	10:15 am to 1:15 pm	III	PMOR
24/04 2019 (Wed)	10:15 am to 1:15 pm	TE	RAC
25/04/2019 (Thus)	10:15 am to 1:15 pm	CAD/CAM	IE
26/04/2019 (Fri)	10:15 am to 1:15 pm	IIP	

- Note: 1. Students scored 40% Marks (i.e., 32 Marks) in first attempt are considered as pass and students failing are required to reappear for Preliminary Examination- II and should score 50% Marks(i.e., 40 Marks) for granting the semester as their attendance is below 75%. If failed in any of the subject then submission will not be accepted.
2. Pass students can continue their submission process as per schedule.
3. Students, who will not appear in Preliminary Examination- II will be detained.

CT Coordinator

Prof. H. A. Tonday

HOD

Prof. G. S. Dhage

Principal

Dr. R. S. Pawar

**"Please check whether you have got the right question paper."**

1. Attempt three questions from each section.
2. Figures to the right indicated full marks

**SECTION A**

- Q.1 a) Differentiate between linear and angular measurements with examples. 07  
 b) Define the following terms 06  
 1. Metrology, 2. Accuracy, 3. Precision, 4. Measurement error, 5. Calibration  
 6. Slip gauge
- Q.2 a) Enlist the different types of comparators used for various measurements and explain in detail construction and working of electrical types of comparator. 07  
 b) Explain construction and working of angle decor with neat sketch. 06
- Q.3 a) What is surface texture? Explain working of Stylus probe type surface texture measuring instrument with neat sketch. 07  
 b) Enlist and explain the different types of gauges used with the help of neat diagram. 07
- Q.4 a) What is gear metrology? Explain gear tooth vernier with neat sketch. 07  
 b) Differentiate between coordinate measuring machine (CMM) and universal measuring machine (UMM) 06
- Q.5 Write short notes on: (Any three) 14  
 a) Autocollimator  
 b) Need, Importance of Calibration  
 c) Types of Fits  
 d) Profile Projector

**SECTION B**

- Q.6 a) Explain the use of control chart for variable and attributes. 07  
 b) Explain 5S and what are its benefits? 06
- Q.7 d) Explain the QFD with the help of suitable example. 07  
 e) Explain Quality of design and Quality of performance. 06
- Q.8 a) Explain the Kanban system of production control. 07  
 b) Explain the characteristics of OC curve. 06
- Q.9 a) What is Quality circle? Explain in details. 07  
 b) Explain the Process Capability. 06
- Q.10 Write short notes on: ( Any three) 14  
 a. Value engineering  
 b. Sampling methods  
 c. Just In Time  
 d. ISO 9000 Standards



**“Please check whether you have got the right question paper.”**

- 1) Attempt three questions from each section.
- 2) Figures to the right indicated full marks.

**SECTION – A**

- Q.1 a) Define the term metrology and explain the need of standards of measurements in modern industrial system. 07  
 b) Enlist the various instrument to be used for linear and angular measurements and explain the use of Sine bar with example. 06
- Q.2 a) Explain construction and working of LVDT. 07  
 b) Explain construction and working of autocollimator with the help of neat diagram. 06
- Q.3 a) Explain the working of laser interferometer with neat sketch. Give its advantages. 07  
 b) Define the following terms 06  
     1. Surface texture, 2. Limit, 3. Unilateral & bilateral tolerance  
     4. Interference fit, 5. Clearance fit, 6. Transition fit
- Q.4 a) Explain the working of profile projector with neat sketch. 07  
 b) Distinguish between coordinate measuring machine and universal measuring machine. 06
- Q.5 Write short notes on (Any Three) 14  
     a) Gear tooth vernier  
     b) Angle décor  
     c) Indian standards (IS 919-1963)  
     d) Slip Gauge & its Wringing  
     e) Tool Maker microscope

**SECTION – B**

- Q.6 a) Explain importance and use of quality circles in quality control. 06  
 b) Define tem standardization and write down its aims and explain codification system. 07
- Q.7 a) Explain the need and importance of TPM. 06  
 b) What is Acceptance sampling? Explain with example. 07
- Q.8 a) Explain KAIZEN techniques 06  
 b) What is OC curve and its characteristics? 07
- Q.9 a) Explain the use of control chart in statistical Quality Control. 07  
 b) Enlist and explain the goals and key elements of JIT approach to manufacturing system design and operation. 06
- Q.10 Write short notes on: ( Any three) 14  
     a) Pareto analysis  
     b) Cause and effect diagram  
     c) ISO 9000  
     d) Poka yoke



SHREEYASH PRATISHTHAN'S  
**SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY**  
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**2.5 EVALUATION PROCESS AND REFORMS**



**TRANSPARENCY IN INTERNAL ASSESSMENT THROUGH TERM  
WORK VERIFICATION BY OTHER DEPARTMENT**





SHREEYASH PRATISTHAN'S SYCET/CE/TWAR/F/14  
SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY, AURANGABAD  
DEPARTMENT: CIVIL ENGINEERING MAY-JUNE 2018

CLASS: BE(CIVIL) REGULAR

SUBJECT: ALL

DATE: 14-05-2018

SEAT NO.	Name	CM	PP	ELE-II		SEMINAR	PROJ-II	CM	PP	ELE-II		SM	REMARK
		TW	TW	TW	TW	TW	TW	CT	CT	CT	CT	CT	
		Marks out of 25	Marks out of 50	Marks Out of AS	Marks out of IWT	Marks out of 50	Marks out of 50	Marks out of 20	Marks out of 20	Marks Out of AS	Marks out of IWT	Marks out of 20	
428000937	ABHAY KUMAR SINGH	23	48	23		48	48	20	20	20		20	AS
428000938	AGRE SACHIN AMBADAS	19	40		17	38	38	16	10		11	9	IWT
428000939	AMBAWALA MOHAMMED MURTAZA	20	30		17	38	38	16	11		14	15	IWT
428000940	BHISE NEHA ANIL	22	41		22	43	43	20	20		18	20	IWT
428000941	BHORE MAYUR SANJAY	17	30		17	35	35	8	4		7	2	IWT
428000942	BOPALKAR NILESH BAHUBALI	20	41		21	47	47	14	14		16	17	IWT
428000943	CHABUKSWAR VIKAS PRALAD	17	32		17	35	35	12	11		5	0	IWT
428000944	CHANDANSHIV VIVEK PANDURANGRAO	22	47	22		48	48	15	20	18		18	AS
428000945	CHAVAN AVINASH GULABRAO	17	38		17	46	46	18	14		13	16	IWT
428000946	CHAVAN PREETI CHANDRAKANT	17	40		19	47	47	17	14		16	18	IWT
428000947	CHOUDHARI SONALI MANIKRAO	23	47	23		47	47	20	19	20		20	AS
128000948	DANVE PRATIK BHASKARRAO	16	31		16	35	35	4	6		0	0	IWT
28000949	DARPHE SHUBHAM HANUMAN	18	32		18	42	42	16	19		15	13	IWT
8000950	DASPUTE BHARAT DILIPRAO	22	45		22	45	45	17	16		14	15	IWT
3000951	DHOKE KEWAL SANJAY	22	41	19		43	43	20	18	19		19	AS
000952	DONGRE LAHU RAMESH	20	35		18	40	40	18	13		13	19	IWT
700953	FAROOQ AHMED QURESHI RAUF AHMED QURESHI	18	35		18	35	35	15	13		13	11	IWT
00954	GAIKWAD MAYURI DILIPRAO	23	46	23		48	48	19	20	20		20	AS
70955	GANAKWAR AKSHAY GANGADHAR	17	35	17		42	42	17	15	17		16	AS
0956	GAWHAD RAHUL PRAKASH	21	44		19	45	45	15	12		14	13	IWT
1957	GOLAMBE POOJA SHRIDHAR	17	30		17	47	47	0	0		3	2	IWT
958	JADHAV SWATI VISHNU	22	45		22	47	47	18	13		14	20	IWT
159	JAIN YASH HASMUKH	22	42		22	46	46	17	13		17	13	IWT
50	JEUGHALE VIJAY KALYAN	20	42		20	48	48	17	19		14	16	IWT
11	KADAM ANIL UDDHAVRAO	22	47		22	47	47	13	14		17	16	IWT
2	KALIF SACHIN SUGRIV	18	43	18		46	46	14	13	18		16	AS



ID	Name	Ele-II					Ele-II					SM		
		CM	PP	AS	IWT	seminar	ppj-II	CM	PP	AS	IWT			
428000963	KAWARE MANOJ JAIRAM													
428000964	KHADE AMOL PANDURANG	20	45			20	47	47	18	17		14	12	IWT
428000965	KHADE SWARNIL VITTHAL	19	35			18	40	40	17	12		13	7	IWT
428000966	KULKARNI SANKET VIJAYKUMAR	20	43	20			46	46	18	14	18		16	AS
428000967	KULKARNI SHREYA SUBHASH	22	48			22	48	48	15	16		18	20	IWT
428000968	KUMTHEKAR VALLAREE VIKAS	22	45			22	47	47	16	14		15	14	IWT
428000969	LATPATE SHRIKANT SUBHASH	23	47	23			48	48	19	17	20		19	AS
428000970	LAW RIMIKI HINTERLAN	18	40	18			40	40	18	14	17		15	AS
428000971	MADANE ATUL RAMESH	23	38	23			43	43	16	11	18		17	AS
428000972	MANE SURAJ SHIVDASRAO	17	34			17	42	42	9	16		14	15	IWT
428000973	MOGAL SACHIN AVINASH	22	40			22	45	45	17	9		16	13	IWT
428000974	MORE VAIBHAV RAOSAHEB	20	40			20	42	42	17	14		12	9	IWT
428000975	NAVPUTE SHRIKISHAN CHANDRAKANT	19	42	19	(19)		44	44	19	19	18		12	AS
428000976	PATIL ABHISHEK RAJARAM	23	43	17			46	46	20	14	19		19	AS
428000977	PAVAR GANESH SONAJI	24	47			24	48	48	19	13		15	18	IWT
428000978	PAWAR DURGESH UTTAMRAO	20	40			20	47	47	18	18		13	20	IWT
428000979	PAWAR MAHENDRA RAMESH	23	48	23			48	48	20	16	19		20	AS
428000980	PAWAR VISWAJIT BHAUSAHEB	20	40	20			48	48	19	20	20		18	AS
428000981	RAJPUT MAYURI ASHOK	18	35			18	43	43	13	14		13	19	IWT
428000982	RAJPUT RAVINA RAJENDRA	22	45			22	47	47	18	15		15	20	IWT
428000983	RAKH NARENDRA MURLIDHAR	22	42			22	47	47	18	11		16	19	IWT
428000984	RATHOD KRISHNA SAHEBRAO	20	35			20	43	43	13	9		13	18	IWT
428000985	SALVE ASHWINI MACHINDRA	21	42	21			46	46	18	16	20		20	AS
428000986	SARODE MOHINI RAMJI	17	31			17	47	47	12	15		10	9	IWT
428000987	SAWAI DHAMRAJ BHASKARRAO	23	47			23	47	47	19	17		19	19	IWT
428000988	SAWJI SAMEER CHANDRASHEKHAR	22	46			22	46	46	12	6		12	14	IWT
428000989	SAYYAD ATIK GAFFAR	18	32			18	40	40	12	9		14	9	IWT
428000990	SHAIKH ASIM QAYYUM	20	37			20	41	41	16	12		16	18	IWT
428000991	SHAIKH SAHEBAJ KARIM	22	44	22			43	43	20	20	19		19	AS
428000992	SHAIKH TAUSEEF SHAFI	20	38			20	42	42	16	9		14	10	IWT
428000993	SHEWALE NANDKISHOR GANPAT	17	26			17	35	35	17	16		16	16	IWT
428000994	SHINDE SHUBHAM DADASAHEB	23	47			23	48	48	17	19		17	20	IWT
428000995	SOMURE SUMEDH BABURAO	20	36			20	42	42	12	11		13	14	IWT
428000996	SONKAMBLE SUNIL RAMDAS	18	30	18			46	46	18	14	18		19	AS
428000997	TANGADE HRUSHIKESH BHAGWAN	22	41			22	47	47	16	15		16	16	IWT
428000998	WADMARE AKSHAY BANDU	18	37			18	38	38	18	10		18	15	IWT
428000999	WAGH SHITAL PRALHADRAO	15	36	15			46	46	12	10	16		18	AS
		23	47			23	47	47	17	11		14	19	IWT



		CM	PP	Ele-II		seminar ↓	Proj-II	CM	PP	Elec-II		SM	
				AS	IWT					AS	IWT		
428001000	YEDKE POOJA ASHOK												
428001001	ZALTE MAHESH VILAS	24	48	24		47	47	19	20	20		19	AS
428001100	JADHAV MADHURI SANJAY	21	43	21		46	46	17	17	20		19	AS
428001103	SABLE DIPAK NIVRUTTI	23	47	23		45	45	19	16	20		20	AS
	SUBJECT TEACHER	19	39	19		46	46	16	15	17		20	AS

*P. Shinde*  
INTERNAL TERM WORK VERIFYING  
CO-ORDINATOR

*P. Phary*  
HOD

*P. Phary*  
PRINCIPAL

*P. Phary*  
INTER DEPT. TERM WORK  
VERIFYING CO-ORDINATOR



**SHREEYASH PRATISHTHAN'S**  
**SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY, AURANGABAD.**  
**DEPARTMENT OF CIVIL ENGINEERING**  
**TERM-WORK ASSESSMENT RECORD MAY/JUNE- 2018**

CLASS: SE (CIVIL) ALL

SUBJECT: ALL

DATE 15/14/2018

Sr. No	Seat Number	Student Name	BCD	FM-II	SUY-II	LAB-II	CS	EM-IV	BCD	FM-II	SUY-II	TOS-I	REMARK
			TW32	TW33	TW34	TW35	TW36	CT31	CT32	CT33	CT34	CT35	
			Marks out of	Marks out of	Marks out of	Marks out of	Marks out of	Marks out of	Marks out of	Marks out of	Marks out of	Marks out of	
			50	25	25	25	50	20	20	20	20	20	
1	214001041	ARSLAAN TALIB MOHAMMED ABDUL SAYEED	30	12	17	13	29	12	6	12	14	2	
2	214001042	AVHAD SANDIP NIVRUTTI	33	13	13	13	34	8	12	11	10	7	
3	214001043	BACHHAV SIDDHANT AJAYKUMAR	20	10	10	12	21	9	9	12	7	4	
4	214001044	BOKARE PRAGATI MANIKRAO	42	20	21	18	43	12	13	15	12	16	
5	214001045	BOLBAT ABHIJEET UTTAM	47	23	24	21	47	18	20	18	17	18	
6	214001046	CHAUDHARY MANISHA KAMLAKAR	43	22	24	19	43	16	14	12	14	15	
7	214001047	CHAVAN SHAM BABASAHEB	39	20	21	18	40	17	16	14	14	17	
8	214001048	CHILWAR KOMAL NITIN	45	17	23	19	45	16	14	15	13	14	
9	214001049	DANDGE NILESH	45	19	23	19	44	14	14	16	14	17	
10	214001050	DESHMUKH MOHAMMED ASHRAF MOHAMMED ASLAM	33	12	13	14	35	0	2	2	1	3	
11	214001051	DHADKE SACHIN DILIP	47	24	24	21	47	20	20	20	19	17	
12	214001052	DUPARE POJABAI PANDURANG	44	21	22	19	45	13	16	14	13	12	
13	214001053	DURGE RAHUL PRAKASH	43	18	21	19	43	12	11	9	12	12	
14	214001054	GAIKWAD AKSHAY BHASKAR	42	17	15	16	42	14	13	12	14	14	
15	214001055	GAVIT AUDESH SURTAN	38	18	21	17	38	15	4	11	14	12	
16	214001056	GHATESHAHI ANUJ SHARAD	43	20	20	20	45	15	11	11	12	15	
17	214001057	GOLKHANDA AASHUTOSH NIRMALKUMAR	48	23	24	23	48	14	15	12	13	15	
18	214001058	GUJAR SHIVKUMAR ASHOK	42	20	22	18	41	17	16	16	15	15	
19	214001059	JADHAV RAHUL DEVIDAS	45	21	23	21	46	16	16	13	14	13	
20	214001060	JADHAV SACHIN RAJU	30	13	15	13	32	5	11	2	8	2	
21	214001061	JAPE GIRIJA HEMANT	44	24	24	17	46	19	15	15	17	15	
22	214001062	JAYBHAYE AJAY VIJAY	33	12	15	15	35	12	10	10	10	5	
23	214001063	JOGDAND PRAJKTA UTTAMRAO	45	21	24	20	45	13	17	15	16	14	



	214001065	KALYANKAR NIKITA BALASAHEB											
26	214001066	KAMBALE ANIKET KHUSHAL	48	23	24	23	48	20	16	19	18	18	
27	214001067	KAMBLE SANGHAMITRA SAKHARAM	0	0	0	0	0	0	0	0	0	0	DETAINED
28	214001068	KATHANE SWAPNIL BALKRISHNA	41	20	23	20	42	18	14	16	16	15	
29	214001069	KHADKE RUSHIKESH VITTHALRAO	38	20	23	18	40	11	16	12	16	8	
30	214001070	KHANDELOTE PRATIK PRAKASH	47	19	17	17	47	11	13	12	13	14	
31	214001071	KHANDELWAL KRUSHNALI KAILAS	38	15	17	15	40	11	14	13	6	10	
32	214001072	KHATAL SUPRIYA DILEEPROO	40	16	22	16	40	17	13	15	14	19	
33	214001073	KULKARNI AJINKYA ANANT	41	17	22	20	41	12	12	12	9	12	
34	214001074	KULKARNI MAYURI RAMESHRAO	33	15	18	14	33	13	17	12	15	16	
35	214001075	MORE MOHAN EKNATH	46	24	24	21	46	18	18	18	16	15	
36	214001076	MUHAMMAD UMAR KHAN MUHAMMAD YOUSUF KHAN	43	20	20	18	43	13	15	13	14	12	
37	214001077	NAGARE TEJASWINI LAXMAN	36	15	15	15	35	11	11	13	9	11	
38	214001078	NAWKAR ANAND BHASKAR	34	13	20	14	33	5	11	6	11	14	
39	214001079	NIMBALKAR ABHAY VISHWAS	30	12	13	13	30	4	6	4	5	4	
40	214001080	PAGAR RUPESH RAMESH	43	18	20	17	43	13	15	10	16	13	
41	214001081	PAIKRAO MAHESH KONDIBA	38	15	20	14	39	2	13	9	9	7	
42	214001082	PATIL APURVA SANJIV	30	17	20	13	30	10	8	10	10	10	
43	214001083	PAWAR GAURAV GORAKHNATH	48	23	24	22	48	18	19	19	17	19	
44	214001084	PAWAR SANTOSH VISHNU	48	22	21	22	47	13	15	15	12	13	
45	214001085	PAWAR SAURABH NAMDEORAO	42	16	19	19	42	12	12	13	12	13	
46	214001086	RATHOD RITU ZUMBARSINGH	43	18	19	20	43	16	15	13	13	12	
47	214001087	SARDAR VIDYA KISAN	44	15	20	22	44	12	14	13	6	16	
48	214001088	SARKALE AKSHAY PRALHADRAO	39	18	20	20	41	12	8	14	11	12	
49	214001089	SAWALE MOHIT DEEPAKRAO	30	15	16	15	32	13	12	5	11	6	
50	214001090	SAYYAD ZUBAIR ALI AZMAT ALI	30	13	20	15	29	10	13	11	17	11	
51	214001091	SHAIKH ABDUL SAMEE SHAIKH SIRAJ	48	23	24	23	48	16	14	13	19	18	
52	214001092	SHAIKH AWEJ RAHMAN MAJEED RAHMAN	49	24	24	24	48	16	20	14	18	19	
53	214001093	SHAIKH MD SAYEED A HAMEED	30	15	20	15	35	9	10	7	12	13	
54	214001094	SHAIKH MUDASSIR KHAJAMODDIN	41	17	23	15	41	12	16	16	15	14	
55	214001095	SONKAMBLE SHANTIDOOD JALBA	37	15	22	15	37	10	17	12	12	12	
56	214001096	TATHE SHITAL DNYANESHWAR	45	20	21	20	45	16	15	17	12	18	
57	214001097	TELANGHE ATUL KASHINATHRAO	46	23	23	23	46	20	20	17	17	17	
58	214001098	VASUDEV AMIT RAMDAS	44	17	19	21	42	15	11	12	16	15	
	214001098	WAGH VAIBHAV VILAS	46	23	23	22	46	16	19	15	18	14	
			46	17	23	21	46	17	15	15	14	19	

			BcD	FM-II	SUV-II	Lab-II	CS	EM-IV	BcD	FM-II	SUV-II	Tos-I	
59	214001099	WALUNJE SHUBHAM DHONDIRAM											
60	214001100	ZARE BALAJI ASHOKRAO	35	15	21	13	34	12	7	5	13	3	
61	214001249	KENDRE AKASH ANANTRAO	31	17	23	13	32	16	13	15	14	12	
62	214001261	GUNDRE SAMEER RAMAKANT	30	13	13	13	26	5	10	9	12	9	
63	224000866	SAGAR MAGAR (old 2011/12)	30	12	13	13	24	5	5	7	6	6	
		SUBJECT TEACHER	29	12	13	13	25	12	4	2	3	5	

*Prakash*  
INTERNAL TERM WORK VERIFYING  
CO-ORDINATOR

*f. Phasm*  
HOD

*Pen*  
PRINCIPAL

*mp*  
INTER DEPT. TERM WORK  
VERIFYING CO-ORDINATOR  
26/05/18





**SHREEYASH PRATISHTHAN'S**  
**SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY, AURANGABAD.**  
**DEPARTMENT OF CIVIL ENGINEERING**  
**TERM-WORK ASSESSMENT RECORD MAY/JUNE- 2018**

SYCET/CE/TWAR/F/14

CLASS: TE (CIVIL) ALL

SUBJECT: ALL

DATE: 15 /05/2018

Sr.	Seat Number	Student Name	SDD-I	GTE	TRE-II	LAB-III	TRE-II	DOS-II	WRE-I	GTE	EE-I	REMARK
			TW33	TW34	TW34	TW	CT	CT	CT	CT	CT	
			MARKS OUT OF 50	MARKS OUT OF 25	MARKS OUT OF 25	MARKS OUT OF 50	MARKS OUT OF 20	MARKS OUT OF 20	MARKS OUT OF 20	MARKS OUT OF 20	MARKS OUT OF 20	
1	326001522	AGHAV AMOL PANDURANG	46	23	23	46	18	20	20	17	17	
2	326001524	ALSE ANTARIKSH SURYAKANT	46	23	23	46	16	19	19	16	15	
3	326001525	ANSARI AMMAR AHMED ABDULGAFFAR	48	24	23	48	13	18	13	12	12	
4	326001526	BAMM RAMBAHADUR AMAR	34	15	16	34	14	15	15	14	12	
5	326001527	BARDE DATTU VISHWANATH	36	16	20	36	15	13	15	11	14	
6	326001528	BHADRE SACHIN PRAKASH	42	21	23	42	19	20	19	20	16	
7	326001529	BHAGAT SHUBHAM NILESH	33	15	13	33	13	19	19	11	14	
8	326001530	BHAGWAT NISARG MAHESH	48	24	24	48	16	20	17	14	18	
9	326001531	BHOJWANI CHETANKUMAR VINODKUMAR	38	18	21	38	7	18	17	17	12	
10	326001533	BORDE ANITA POPATRAO	46	22	24	46	16	20	19	18	19	
11	326001534	CHAME VAIBHAV BHALCHANDRA	37	15	13	37	12	4	12	3	8	
12	326001535	CHAUS HAMED ABDULRAHEMAN	36	17	20	36	10	13	19	16	9	

			SDD-I	GTE	TRG-II	Loh-3	TRG	DOS2	WRE	GTE	EE	
13	326001536	CHAVAN JAGDISH JAIRAM	43	21	20	43	12	12	14	13	14	
14	326001538	CHAVAN SHUBHAM ASARAM	39	20	21	39	14	14	15	18	13	
15	326001539	CHAVDE DEEPAK RAMKISAN	39	19	19	39	17	15	13	18	11	
16	326001540	CHODHARI KUNAL BABURAO	48	23	20	48	18	19	19	17	18	
17	326001541	CHOURE RUSHIKESH NIVRUTTI	36	17	16	36	10	13	14	13	11	
18	326001542	DABHADE RAJESH ASHOKRAO	34	17	18	34	9	8	10	10	15	
19	326001543	DAUD YOGESH PANDITRAO	34	17	14	34	12	14	14	13	13	
20	326001544	DESHMUKH GANESH BALVANTRAO	38	17	19	38	9	16	17	17	12	
21	326001545	DESHMUKH SWATI DHANANJAY	48	23	24	48	19	19	19	19	19	
22	326001546	DINNAPURKAR AJINKYA ANIL	40	18	20	40	14	16	15	17	13	
23	326001547	DONGARKAR SHUBHAM SUNIL	48	24	24	48	19	20	19	20	19	
24	326001548	DUBBA YOGESHWARI VIJAYKUMAR	44	23	24	44	17	20	17	17	19	
25	326001549	DUKALE AKSHAY JAGANRAO	34	15	18	34	6	11	17	5	10	
26	326001550	GADEKAR RAVINDRA SAHEBRAO	46	23	21	46	19	20	19	19	16	
27	326001551	GAIKWAD GANESH PUNJARAM	36	17	20	36	19	18	18	18	14	
28	326001553	GARKHEDE AJINATH PUNJARAM	47	22	17	47	16	19	20	15	13	
29	326001554	GAWAL PANKAJ DEEPAK	35	20	19	35	17	14	15	13	13	
30	326001557	GHODKE VAIBHAV VASANT	33	15	14	33	12	13	12	12	11	
31	326001558	GHORPADE SARIKA RAMESH	46	22	21	46	17	19	19	15	14	
32	326001559	GHUGE AKSHAY SAHEBRAO	36	17	20	36	15	11	13	17	10	
33	326001560	HASHMI SYED SALMAN HASHMI SYED SHAKEEL	40	22	16	40	17	20	19	15	15	
34	326001561	HIRAP SANDHYA VIJAY	45	20	20	45	15	17	16	13	18	
35	326001562	HUME SUMEET SOMANATH	40	20	20	40	14	15	12	13	12	
36	326001564	JADHAV AKASH BABURAO	35	15	17	35	5	13	12	12	8	



			SDP	GTE	TR-II	Lab-3	TR-2	DOSI	WRE	GTE	EE	
37	326001565	JADHAV SAURAV ANIL	38	20	16	38	16	13	12	13	17	
38	326001566	JADHAV VAISHALI NARAYAN	38	20	17	38	10	9	14	16	10	
39	326001567	JAGTAP VAIBHAV BAPURAO	44	22	20	44	15	17	17	16	15	
40	326001568	JAVKAR DEVIDAS NANDKISHOR	46	21	21	46	13	19	20	15	14	
41	326001569	KADAM ABHYUDAY ASHOKRAO	40	20	20	40	16	16	18	16	14	
42	326001570	KADAM NIKHIL NIVRUTTI	46	22	19	46	16	12	15	12	14	
43	326001571	KADAM PRASHANT TULJIRAM	48	22	23	48	18	19	18	17	15	
44	326001572	KADAM TUKARAM BHAGWANRAO	33	15	12	33	12	11	10	11	15	
45	326001573	KALASKAR SACHIN RAOSAHEB	40	20	20	40	14	13	17	14	11	
46	326001575	KAMBLE NIKETAN SHASHIKANT	48	22	23	48	15	12	18	10	12	
47	326001577	KHAN MOHASIN SHAISTA	37	17	22	37	18	15	16	14	17	
48	326001578	KHARAT SAGAR PANDIT	40	20	18	40	19	20	20	19	18	
49	326001579	KHONDE PRATIK UDAY	38	18	12	38	15	18	16	16	13	
50	326001580	KHOPDE BALIRAM BAJIRAO	33	15	15	33	3	3	3	1	4	
51	326001582	KIRKAN SHRINIVAS GOVINDRAO	46	20	23	46	18	19	19	16	15	
52	326001583	KIRTANE ADITYA RAJU	39	20	22	39	16	14	14	13	14	
53	326001584	KOTIYE YOGESH GANESH	48	23	24	48	20	20	20	20	20	
54	326001585	KUDALE SHEETAL NANDAKISHOR	48	23	24	48	17	18	17	20	15	
55	326001586	KULKARNI SUKANYA SUDHAKAR	33	15	13	33	6	8	9	4	5	
56	326001587	KUMAWAT NITIN SANJAY	41	22	18	41	17	18	17	16	17	
57	326001588	LOKHANDE SURYAKANT DATTARAO	45	20	19	45	17	17	18	17	16	
58	326001589	MADGE KRUSHNA KAKASAHEB	36	16	19	36	11	9	10	14	7	
59	326001590	MADHEKAR SWAPNIL SUNIL	41	20	22	41	13	14	13	13	15	
60	326001591	MAHABALE AKASH ANANDRAO	42	20	23	42	15	15	20	13	18	
61	326001592	MAHADIK MOHAN PARMESHWAR	43	22	23	43	14	12	17	12	14	



		90D	GTE	TRK2	lob3	TRK2	DOB2	WRC	GTC	ECT	
62	326001593	MANE PRAVIN SHRIKISAN	45	19	22	45	18	15	18	14	13
63	326001594	MANE MOHIT MOHAN	45	22	18	45	11	15	13	9	12
64	326001595	MAPARI KOMAL RAVINDRA	43	20	23	43	16	14	16	15	13
65	326001596	MEKHE ABHILASH ANIL	44	15	14	44	14	15	15	12	10
66	326001598	MIRDE BAHADOR ARBAZ MOHAMMAED ARIF	48	23	24	48	17	18	19	18	13
67	326001599	MITKAR SUYASH VISHNU	41	22	20	41	14	14	13	14	16
68	326001600	MOGAL RAVINDRA SOMINATH	43	20	18	43	13	13	16	14	12
69	326001601	MOHAMMAD SALMAN MALIK DARVESH	39	21	13	39	19	8	6	10	7
70	326001602	MOHAMMED AWAIS MOHAMMED SALAHUDDIN	46	20	17	46	20	18	16	20	16
71	326001603	MOHD IRFAN MOHD YOUSUF	40	20	17	40	9	13	10	16	9
72	326001604	MORE YASHWANT SADASHIVRAO	30	15	14	30	9	12	3	9	7
73	326001605	MUSMADE MITHILESH GANESH	46	22	23	46	17	14	15	14	16
74	326001606	NAGARGOJE BALAJI BABASAHEB	45	20	20	45	11	15	16	16	14
75	326001607	NAGRE YOGESH RAJENDRA	48	23	24	48	17	13	16	14	13
76	326001608	NIMBALKAR AMRUTA RAVIKIRAN	47	22	23	47	15	15	16	15	14
77	326001609	NIRANJANE DIPASHMA DIPAK	48	23	24	48	18	16	17	16	17
78	326001610	PAIKRAO AMOL MUKUNDRAO	45	20	22	45	16	19	19	13	18
79	326001611	PARDESHI SAGAR KAILAS	43	20	20	43	14	12	18	12	10
80	326001612	PATHADE AMIT RAJESH	39	16	20	39	14	13	12	17	10
81	326001613	PATIL AKASH SHIVANAND	47	22	20	47	20	13	20	19	18
82	326001614	PATIL AKASH JAYSING	35	15	19	35	12	10	10	8	4
83	326001615	PATIL BHAGYASHRI ANIL	48	23	22	48	18	17	19	19	14
84	326001617	PATIL SHUBHAM RAMESH	39	20	12	39	12	14	15	7	12
85	326001619	PAWALE RUSHIKESH SHRIKISHAN	39	16	13	39	12	13	16	15	8
86	326001620	PAWAR RAJESH LAXMAN	44	20	20	44	13	13	18	17	6



		SDD-I	GTC	TRE2	LoB3	Re2	DOS2	WRE	GTC	EE-2		
87	326001622	QUZI SHAHED FARAZ QUAZI MUBEENURREHMAN										
88	326001624	RATHOD SHWETA SUBHASH	39	15	22	39	13	17	13	11	16	
89	326001625	RAUT MAKARDHWAJJ RAJABHAU	47	21	24	47	16	16	18	14	13	
90	326001627	SAHANE RAKHAMAJEE GANPAT	45	20	20	45	10	12	16	13	12	
91	326001629	SARJE PADMAJA SUBHASH	36	16	13	36	13	8	15	13	11	
92	326001631	SAWANDKAR AKASH VIJAYKUMAR	35	15	19	35	17	12	17	16	16	
93	326001632	SAWANT ASHWINI ASHOK	39	20	19	39	16	15	19	17	15	
94	326001634	SHAIKH GAUSODIN WAJIRSAB	46	22	24	46	12	10	16	13	13	
95	326001635	SHAIKH AAMER GULAB	40	20	24	40	10	12	17	15	16	
96	326001636	SHAIKH AZMAT ANWAR	40	20	24	40	10	16	14	13	13	
97	326001637	SHAIKH ERAZ SHAKIL	40	18	19	40	15	16	18	12	13	
98	326001638	SHAIKH SALMAN HUSEN	35	16	19	35	12	12	11	5	8	
99	326001639	SHAIKH YOUSUF SHAIKH YOUNUS	43	20	19	43	9	10	10	10	4	
100	326001640	SHARIQUE HAMEED HIFZUR RAHMAN	0	0	0	0	0	6	6	9	8	EXPIRED
101	326001641	SHEGAONKAR RAJRATNA SUDARSHAN	40	20	20	40	10	12	14	14	16	
102	326001643	SHINDE PARMESHWAR DADARAO	41	20	19	41	18	12	19	18	18	
103	326001644	SHIRSAT SHUBHAM GOKUL	48	23	24	48	19	20	18	18	16	
104	326001645	SHRIVASTAV PALLAVI VIJAYPRASAD	42	20	22	42	13	12	12	12	11	
105	326001646	SIDDIQUI MOHD DANISHUDDIN MOHD TAUFIQUEDDIN	44	22	22	44	18	17	17	18	18	
106	326001648	SONWANE AKSHAY BHAUSAHEB	35	15	24	35	10	8	10	9	7	
107	326001649	SYED RIZWAAN SYED MUBEEN	39	17	22	39	11	11	15	12	12	
108	326001650	TATHE RAHUL RAGHUNATH	40	20	24	40	16	15	20	15	11	
109	326001651	THAPDE DIPAK PRABHU	43	20	24	43	11	18	8	15	10	
110	326001652	THOMBRE ROHAN DILEEPRAO	41	20	22	41	12	15	12	12	16	
			40	15	12	40	8	12	13	13	8	

			SDI-I	GTC	TRC-2	Lab3	TRC-2	DCS2	WRE	GTE	EET	
* 111	326001653	TOMPE CHAKRADHAR DAMODHAR	35	15	19	35	16	10	16	13	9	
112	326001655	UNTWAL NUPUR ANIL	45	20	20	45	16	17	17	17	14	
113	326001656	UTAGE ONKAR SIDRAM	41	20	22	41	15	9	14	12	10	
114	326001657	VAISHNAV PIYUSH DEEPAK	45	22	19	45	14	15	16	12	15	
115	326001658	WAGDARE AJIT TUKARAM	33	0	19	33	0	0	0	0	0	
116	326001836	DHANWATE SUMIT GOPINATH	32	15	19	32	12	9	16	13	4	
117	326001876	BHUMARE KAUISHAL	30	15	12	30	5	2	9	5	0	
* 118	<del>326001916</del>	MOIZ RAZA	30 <sup>v</sup>	15 <sup>v</sup>	12 <sup>v</sup>	30 <sup>v</sup>	15	13	14	10	4	
119												
SUBJECT TEACHER												

*Rishav*  
INTERNAL TERM WORK VERIFYING  
CO-ORDINATOR

f. *Prasanna*  
HOD

*26/05*  
INTER DEPT. TERM WORK  
VERIFYING CO-ORDINATOR

*Principal*  
PRINCIPAL





SHREEYASH PRATISHTHAN'S  
**SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY**  
SataraParisar, Beed By-Pass Road, Aurangabad -431010 (M.S.)  
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**2.5 EVALUATION PROCESS AND REFORMS**



**TRANSPARENCY IN ASSESSMENT THROUGH PRACTICAL WORK**



SHREEYASH PRATISHTHAN'S

## Shreeyash Technical Campus

(SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY,  
SHREEYASH POLYTECHNIC,  
SHREEYASH INSTITUTE OF PHARMACY)

Submission of Manuals and Files-2017-18 Semester-I

Department:-Civil

Date: 2/5/2018 to 3/5/2018

Class:-SE/FE/BE/ME/M.Tech

Subject: SURVEYING-II LAB

Batch: II

Time: 10.00 A.M to 5.00 P.M

Sr. No.	Exam seat No. / Roll No.	Name of the student	File Submitted (Yes/No)	Student Sign	Remark
1	2001	Sandip Avhad	Yes	<i>[Signature]</i>	
2	2002	BACHHAV SIDDHANT	No	← ABSENT →	
3	2003	Bokare Pragati	Yes	<i>[Signature]</i>	
4	2004	Bolart Abhijeet	Yes	<i>[Signature]</i>	
5	2005	Manisha Chaudhari	Yes	<i>[Signature]</i>	
6	2006	Chavan Sham	Yes	<i>[Signature]</i>	
7	2007	Chilwaz Komal	Yes	<i>[Signature]</i>	
8	2008	Nilesh Durgade	Yes	<i>[Signature]</i>	
9	2009	Dhadke Sachin	Yes	<i>[Signature]</i>	
10	2010	Dulare Pooja	Yes	<i>[Signature]</i>	
11	2011	Durge Rahul P.	Yes	<i>[Signature]</i>	
12	2012	FASATE BALV	No	← ABSENT →	
13	2013	gaikwad Akshay.B	Yes	<i>[Signature]</i>	
14	2014	Gavit Anush	Yes	<i>[Signature]</i>	
15	2015	Anuj Ghateshori	Yes	<i>[Signature]</i>	
16	2016	Aashutosh Galkhande	Yes	<i>[Signature]</i>	
17	2017	SHIVKUMAR ASHRAJ	Yes	<i>[Signature]</i>	

Total students: 17

Present: 15

Absent: 02

Internal Examiner: N.R. MANIWARAN

Sign: *[Signature]*

External Examiner: Prof. Kharjule K.T.

Sign: *[Signature]*





P.P.S.

FORMAT NO. STC/PR13/F/03



SHREEYASH PRATISHTHAN'S

### Shreeyash Technical Campus

(SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY,  
SHREEYASH POLYTECHNIC,  
SHREEYASH INSTITUTE OF PHARMACY)



#### Submission of Manuals and Files-2017-18 Semester-I

Department:-Civil

Date: 4/5/2018 to 5/5/2018

Class:-SE/TE/BE/ME/M.Tech

Subject: TRE-II

Batch: B3, B4

Time:

Sr. No.	Exam seat No. / Roll No.	Name of the student	File Submitted (Yes/No)	Student Sign	Remark
	3095	Shaikh Azmat A.	C&R		
	3096	Shaikh Eraz S.	C&R.		
	3097	Shaikh Gausodin	C&R		
	3098	Shaikh Salman	C&R		
	3099	Shaikh Yousuf	C&R		
	3100	Sharique Hameed	C&R		
	3101	Shegaonkar R.s	C&R		
	3102	Shinde Palmes	C&R		
	3103	Shrivastav Pallavi	C&R.		
	3104	Siddiqui Mohd	C&R		
	3105	Sonwane Akshay	C&R		
	3106	Syed Rizwaan	C&R		
	3107	Tathe Rahul	C&R		
	3108	Thapde Dipak	C&R		
	3109	Thombre Rohan	C&R		
	3110	Tompe Chakradhar	C&R		
	3111	Untwal Nupur	C&R		

Total students: 17  
Present: 17  
Absent: 00

Internal Examiner:  
Sign:   
External Examiner:  
Sign:





p.p.9

FORMAT NO. STC/PR13/F/03

SHREEYASH PRATISHTAN'S

Shreeyash Technical Campus

(SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY,  
SHREEYASH POLYTECHNIC,  
SHREEYASH INSTITUTE OF PHARMACY)Submission of Manuals and Files-2017-18 Semester-I

Department:-Civil

Date: 4/1/2018 to 5/1/2018

Class:-SE/TE/BE/ME/M.Tech

Subject: TRE-II

Batch: B<sub>2</sub>, B<sub>3</sub>

Time:

Sr. No.	Exam seat No. / Roll No.	Name of the student	File Submitted (Yes/No)	Student Sign	Remark
	3078	Nagre Yogesh R.	C&R		
	3079	Nimbalkar Amruta	C&R		
	3080	Niranjane Dipashma	C&R		
	3081	Pardeshi Sagal	C&R		
	3082	Pathade Amit	C&R		
	3083	Patil Atash S.	C&R		
	3084	Patil Bhagyashri	C&R		
	3085	Pawale Rushikesh	C&R		
	3086	Pawar Rajesh	C&R		
	3087	Quzi shahed f	C&R		
	3088	Rathod Shiveta	C&R		
	3089	Raut Makardhuzij	C&R		
	3090	Sahane Rakhamaje	C&R		
	3091	Saije Padmaja	C&R		
	3092	Savandkar Atash	C&R		
	3093	Sawant Ashwini	C&R		
	3094	Shaikh Aamer	C&R		

Total students: 17

Present: 17

Absent: 00

Internal Examiner:

Sign:

External Examiner:

Sign:

P.P.  
FORMAT NO. STC/PR13/F/03SHREEYASH PRATISHTHAN'S  
Shreeyash Technical Campus(SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY,  
SHREEYASH POLYTECHNIC,  
SHREEYASH INSTITUTE OF PHARMACY)Submission of Manuals and Files-2017-18 Semester-I

Department:-Civil

Date: 4/5/2018 to 5/5/2018

Class:-SE/TE/BE/ME/M.Tech

Subject: TRE-II

Batch: B<sub>1</sub>, B<sub>2</sub>

Time:

Sr. No.	Exam seat No. / Roll No.	Name of the student	File Submitted (Yes/No)	Student Sign	Remark
	3061	Kudale sheetal	C&R	Sheetal	
	3062	Kulkarni Sukanya	C&R	SK	
	3063	Deshmukh Swati	C&R	Deshmukh	
	3064	Lokhande <sup>Kanti</sup> Sunita	C&R	Sunita	
	3065	Madhekar Sunil	C&R	Sunil	
	3066	Mahabale Atash	C&R	Atash	
	3067	Mahadik Mohan	C&R	Mahadik	
	3068	Mane Mohit	C&R	Mohit	
	3069	Mane Pravin	C&R	Pravin	
	3070	Mante Shubham	C&R	Shubham	
	3071	Mekhe Abhilash	C&R	Abhilash	
	3072	Mirde Bahadur	C&R	Bahadur	
	3073	Mogal Ravindra	C&R	Ravindra	
	3074	Mohammed Awaiz	C&R	Awaiz	
	3075	Mohd Irfan Mohd	C&R	Irfan	
	3076	Musmade Mithilesh	C&R	Mithilesh	
	3077	Nagurgoje M.	C&R	Nagurgoje	

Total students: 17

Present: 17

Absent: 00

Internal Examiner:

Sign:

External Examiner:

Sign:





p.p.s.

FORMAT NO. STC/PR13/F/03

SHREEYASH PRATISHTHAN'S  
Shreeyash Technical Campus

(SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY,  
SHREEYASH POLYTECHNIC,  
SHREEYASH INSTITUTE OF PHARMACY)



Submission of Manuals and Files-2017-18 Semester-I

Department:-Civil

Date: 4/5/2018 to 5/5/2018

Class:-SE/TE/BE/ME/M.Tech

Subject: TRE-II

Batch: A<sub>1</sub>, A<sub>2</sub>

Time:

C & R

Sr. No.	Exam seat No. / Roll No.	Name of the student	File Submitted (Yes/No)	Student Sign	Remark
1	3001	Aghav Amol	Yes		
2	3002	Atse Antriksh	Yes		
3	3003	Ansari Anmar	Yes		
4	3004	Bamm Rambahadur	Yes		
5	3005	Bhadre Sachin	Yes		
6	3006	Bhagwat Nisarg	Yes		
7	3007	Bhojwani chetan	yes		
8	3008	Borde Anita	Yes		
9	3009	chame Vaibhav	yes		
10	3010	chaus Hamed	Yes		
11	3011	Chavan Shubham	Yes		
12	3012	cherde Deepak	C & R		
13	3013	Chaudhari Kunal	Yes		
14	3014	Dandgaral Shubham	Yes		
15	3015	Kumalpat Nitin	C&R.		
16	3016	Dhanwate Sunil	C & R		
17	3017	Dinnapuekar Ajinkya	C & R		

Total students: 17

Present: 17

Absent: 00

Internal Examiner:

Sign:

External Examiner:

Sign:



P.P.S

FORMAT NO. STC/PR13/F/03

SHREEYASH PRATISHTAN'S

Shreeyash Technical Campus

(SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY,  
SHREEYASH POLYTECHNIC,  
SHREEYASH INSTITUTE OF PHARMACY)Submission of Manuals and Files-2017-18 Semester-I

Department:-Civil

Date: 4/5/2018 to 15/5/2018

Class:-SE/TE/BE/ME/M.Tech

Subject: TRE-II

Batch: A2/A3

Time:

Sr. No.	Exam seat No. / Roll No.	Name of the student	File Submitted (Yes/No)	Student Sign	Remark
	3018	Dongarkar Shubham	C & R		
	3019	Dubba Yogeshwari	C & R	21/9/18	
	3020	Dukale Akshay	C & R		
	3021	Gadekar Ravindra	C & R		
	3022	Gaikwad Ganesh	C & R		
	3023	Garkhede Ajinath	C & R		
	3024	Gawal Rankaj D.	C & R		
	3025	Ghodke Vaibhav	C & R		
	3026	Ghorpade Sarika	C & R		
	3027	Hashmi Syed S.	C & R		
	3028	Mitkar Suyash	C & R		
	3029	Hume Sumeet	C & R		
	3030	Jadhav Saurav	C & R		
	3031	Jagtap Vaibhav	C & R		
	3032	Javkar Devidas	C & R		
	3033	Kadam Abhyaday	C & R		
	3034	Kadam Nikhil	C & R		

Total students: 17

Present: 17

Absent: 00

Internal Examiner:

Sign:

External Examiner:

Sign:





SHREEYASH PRATISHTHAN'S  
Shreeyash Technical Campus

(SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY,  
SHREEYASH POLYTECHNIC,  
SHREEYASH INSTITUTE OF PHARMACY)



Submission of Manuals and Files-2017-18 Semester-I

Department:-Civil

Date: 4/5/2018 to 5/5/2018

Class:-SE/TE/BE/ME/M.Tech

Subject: TRE-II

Batch: A<sub>3</sub>, A<sub>4</sub>

Time:

Sr. No.	Exam seat No. / Roll No.	Name of the student	File Submitted (Yes/No)	Student Sign	Remark
	3035	Kadam Prashant	C&R	<i>Prashant</i>	
	3036	Kalaskar Sachin	C&R	<i>Sachin</i>	
	3037	Khan Mohasin	C&R	<i>Mohasin</i>	
	3038	Kharat Sagar	C&R	<i>Sagar</i>	
	3039	khonde Pratik	C&R	<i>Pratik</i>	
	3040	Kirkar Shrinivas	C&R	<i>Shrinivas</i>	
	3041	Kirtane Aditya	C&R	<i>Aditya</i>	
	3042	Kotiye Yogesh	C&R	<i>Yogesh</i>	
	3043	Niketan Kamble	C&R	<i>Niketan</i>	
	3044	Dabade Rajesh	C&R	<i>Rajesh</i>	
	3045	Patil Akash	C&R	<i>Akash</i>	
	3046	Jadhav Akash	C&R	<i>Akash</i>	
	3047	Md. Salimam	C&R	<i>Salimam</i>	
	3048	Mirza <sup>Raza</sup> <del>Sheik</del>	C&R	<i>Raza</i>	
	3049	Daud Yogesh	C&R	<i>Y.P. Daud</i>	
	3050	Bhumare Kavishal	C&R	<i>Bhumare</i>	
	3051	Madge Krishna	C&R	<i>Madge</i>	

Total students: 17

Present: 17

Absent: 00

Internal Examiner:

Sign: *Prashant*

External Examiner:

Sign: *A. W. J.*



SHREEYASH PRATISHTHAN'S

## Shreeyash Technical Campus

(SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY,  
SHREEYASH POLYTECHNIC,  
SHREEYASH INSTITUTE OF PHARMACY)

Submission of Manuals and Files-2017-18 Semester-I

Department:-Civil

Date: 4/5/2018 to 5/5/2018

Class:-SE/TE/BE/ME/M.Tech

Subject: TRE-II

Batch: ALP

Time:

Sr. No.	Exam seat No. / Roll No.	Name of the student	File Submitted (Yes/No)	Student Sign	Remark
	3052	Choure Rushikesh	C&R	<i>R. Choure</i>	
	3053	Bhagat Shubham	C&R	<i>Shubham</i>	
	3054	Kadam Tukaram	C&R	<i>Tukaram</i>	
	3055	Chavan Sadawand	C&R	<i>Sadawand</i>	
	3056	Ghuge Akshay	C&R	<i>Akshay</i>	
	3057	Shirsat Shubham	C&R	<i>Shubham</i>	
	3058	Shweta Rathod	C&R	<i>Shweta</i>	
	3059	Paikrao Amol	C&R	<i>Amol</i>	
	3060	Patil Shubham	C&R	<i>Patil</i>	

Total students: 09

Present: 09

Absent:

Internal Examiner:

Sign: *P. Patil*

External Examiner:

Sign: *A. Patil*





SHREEYASH PRATISHTHAN'S  
**SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY**  
SataraParisar, Beed By-Pass Road, Aurangabad -431010 (M.S.)  
NAAC Accredited, ISO Certified Institute  
Visit Us at: [www.sycet.org](http://www.sycet.org)  
**2.5 EVALUATION PROCESS AND REFORMS**



**TRANSPARENCY IN INTERNAL ASSESSMENT THROUGH  
PROJECT WORK**



SHREEYASH PRATISHTHAN'S  
Shreeyash Technical Campus

SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY



# Department of Mechanical Engineering

Date: 10/10/2019

## Notice

All the final year students of mechanical engineering are here by informed that the final presentation of Project activity for part-I academic year 2019-20 is scheduled on 15/10/2019. Those students who fails to deliver the Project presentation in the stipulated time strict action will be taken against them however their Project Phase-I will be held back. For the final Project presentation student requires guide approved and corrected PPT along with one sample copy of Project Phase-I reports duly signed by guide.

[For PPT format and report guidelines report to your respective guide].



**Project Coordinator**

**H.O.D.**





**SHREEYASH PRATISHTAN'S**  
**Shreeyash Technical Campus**  
**(SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY, AURANGABAD)**  
**(Sample) Abstract**

As the future progresses, many companies and industries are striving to achieve a "greener" approach to energy production by using solar energy. Solar panels that use PV cells (semiconductor devices used to convert light into electrical energy) are popular for converting solar power into electricity. One of the problems in using PV cells to extract energy from sunlight is the temperature effect on PV cells. As the solar panel is heated, the conversion efficiency of light to electrical energy is diminished. Because solar panels can be expensive, it is important to be able to extract as much energy as possible. This thesis proposes cooling methods for the panel in order to achieve optimum efficiency. **(First paragraph is the abstract of your complete project work)**

[In continuation, it is required to outline all the chapters of your report. A sample is given below]

### **Important Points to be considered while Writing Project Report**

**Qualities of a Good Abstract:** A good abstract has the following qualities:

- Uses one or more well developed paragraphs: these are unified, coherent, concise
- Uses an introduction/body/conclusion structure which presents the purpose, results, conclusions, and recommendations
- Follows the chronology of the thesis
- Provide logical connections between the information included
- Often uses passive verbs to downplay the author and emphasize information

### **Steps for Writing Effective Abstracts**

To write an effective abstract, follow these steps:

- Write the abstract after you have finished the thesis
- Identify the aims, methods, scope, results, conclusions, and recommendations of your thesis in key words
- Use your headings and table of contents as a guide to writing your abstract



- Show the abstract to someone who has not read your thesis and ask him / her if the abstract makes good sense
- when you have finished, use the spell-check software

## Report Language

**Introduction (usually in present, could also be in present perfect or simple past tense):**

- The purpose of this study is to investigate the effects of ... on ...
- The goals of this study are to determine ...
- The primary purpose of this study is to determine ...
- This study is specifically concerned with the effect of ... on ...
- This study is an initial attempt to investigate the relationship ...
- This study has two major purposes: (1) to investigate ... (2) to demonstrate ...
- The aim of this study is to identify the characteristics of ...
- The major objective of this study is to ...
- The aim/topic/goal of the present paper is to ...
- This thesis discusses/describes/analyses/studies/focuses on/deals with ...
- This study/experiment/research/survey was aimed at
- The project was designed to ...

**Materials and Methods (in past tense):**

- This study was conducted in North Karelia / at North Karelia Polytechnic.
- The empirical part of this study was conducted in May 2000.
- Data for this study/research were collected/gathered/obtained from/by/through/with
- the help of/among ...
- The subjects of this study were ...
- The subjects were randomly selected.
- The sample was selected from ...
- Twenty companies served as subjects in a study designed to investigate ...
- Six groups, each consisting of ..., were formed to ...
- Twenty companies were selected for this investigation.

**Conclusions (in simple present or past tense):**

- These results suggest that ...
- The results show that/reveal ...
- It was concluded that ...
- This study/survey shows/supports/questions/implies/indicates ...
- On the basis of the results of this research, it can be concluded th





- The results provide some support for ...(ing)...
- The results did not support the expectations that ...
- These data support the view that ...

## **Tips for good scientific writing**

1. Vary the length of sentences within paragraphs.
2. Avoid slang, abbreviations, foreign words, the over-worked word 'however' and plural pronouns (e.g., we).
3. Use synonyms frequently to avoid sounding repetitious. For example, 'research' can be replaced with 'study', 'investigation' or 'work'.
4. Use short common words in preference to long uncommon words.
5. Use the present tense when discussing general facts or concepts, but the past tense for specific results.
6. Consult a dictionary, thesaurus and manual of English usage (e.g., Fowler's Modern English Usage) frequently.
7. Use concrete examples to illustrate abstract ideas.
8. Practice speaking parts of the thesis.
9. Use double quotation marks (") only for words or sentences quoted within another quote (that has been identified by single quotation marks (')); e.g., Gould (1982) states 'The reductionist drive of scientists has resulted in many attempts to explain "motivation "as a unitary process.'

## **Citations and Reference List**

Literature should be cited in the text by the author's surname and year of publication: e.g. "Smith (1997) reported ..." or "This result has been observed by at least one other worker (Smith, 1997)". When there are two authors, the citation is as such: e.g. (Lim and Chee, 1997). But when there are more than two, all other authors except the first are indicated by the Latin abbreviation '*et al.*', for example "Tan *et al.* (1997) discovered..."

Other variations include citing several references together, e.g. (Chung, 1996; Smith and Ho, 1998), and citing two or more references by the same author that were published in the same year, e.g. (Lim, 1991a, b).

In the *References* section, all literature must be listed in alphabetical order by the lone or first author's surname. Only literature cited in the thesis text should be included here.

**The following are examples of the formats that should be used, e.g. as in journal, Cell:**

[1] Greenfield, L., Simpson, L., and Kaplan, D. (1975). Conversion of close circular DNA molecules to single nicked molecules by digestion with DNase I in the presence of ethidium bromide, *Biochem. Biophys. Acta.* 470, 365-375.

[2] Kikuchi, Y., and Nash, H.A (1979). Nicking-closing activity associated with bacteriophage int gene product. *Proc. Natl. Acad. Sci. USA* 76, 3760-3764.



## GUIDELINES TO PREPARE REPORT AS PER UNIVERSITY:

1. Project report shall be typed on A-4 size white bond paper.
2. Typing shall be with line spacing of 1.5 using black inkjet print on one side of the paper.
3. **Margins** a) Left 37.5mm b) Right, Top and Bottom 25mm.
4. Page number - At the bottom centre aligned 12 point font size.
5. Header and Footer (12 point font size - Times New Roman)
  - a) Header - Right side at top stating title of the project.
  - b) Footer - Right side at bottom stating institute name.
6. Font
  - a) Main title font - 14 point - bold - Times New Roman - Upper case
  - b) Sub title font - 12 point - bold - Times New Roman - Title case
  - c) Text font - 12 point - normal - Times New Roman - Running
  - d) Graph / Figure / Table titles - 12 point - normal - Times New Roman - Title case
- 7A. Graph / Figure / Table: - shall be located at the center along with its title and Graph No. / Figure No. / Table No.
- 7B. If Graph / Figure / Table or any information is copied from any of the references; reference no. is to be shown at the end of its title / statement in square bracket superscripted form.
8. **Project report shall consists of at least following contents**
  - a. First page.
  - b. Certificate.
  - c. Acknowledgement.
  - d. Index page (Chapter wise)
  - e. Graph index (Graph no., Title, Page no.)
  - f. Figure index (Figure no., Title, Page no.)
  - g. Table index (Table no., Title, Page no.)
  - h. Introduction /Abstract of project.
  - i. Literature review.
  - j. Core content of project.
  - k. Merits and demerits of subject.
  - l. Future scope.
  - m. Conclusion.
  - n. References.





v. Appendix

**9. Format of Project report**

a. First page (Title page) and cover of Project report.



Project Phase-I Report

On

“Title of Project”

By

Name of students

1) Xyz (Roll No.)

2) Xyz (Roll No.)

Submitted in partial fulfilment of the requirement for the degree of  
Bachelor of Engineering (Mechanical)

Department of Mechanical Engineering  
S.Y.C.E.T. Aurangabad

Year 2019-20.



**b. Certificate**



**CERTIFICATE**

This is to certify that the Project Phase-I report entitled

“Title of Project”

Submitted by

Name of students

1) Xyz (Roll No.)

2) Xyz (Roll No.)

has completed as per the requirement of **Dr. Babasaheb  
Ambedkar Marathwada University** in partial fulfilment of degree  
B.E. (Mechanical)

Guide

Head of Department

Principal

(Name)

(Name)

(Name)

Department of Mechanical Engineering

S.Y.C.E.T. Aurangabad

Year 2019-20





c. Acknowledgement:-

## Acknowledgement

With a profound feeling of immense gratitude and affection, I would like to thank my Project guide Prof.xxxxxxxx for his continuous support, motivation, enthusiasm and guidance. His encouragement, supervision with constructive criticism and confidence enabled me to complete this project.

I also wish to extend my reverences to **Prof. G. S. Dhage**, Head of Mechanical Engineering Department for motivating me to put my best efforts in this project work.

I express my deep gratitude towards **Dr. R. S. Pawar**, Principal for constant motivation and providing necessary infrastructure.

I express my admirations for **Prof. K. T. Patil** (Project Coordinator) for his valuable advice and support throughout this venture.

Finally, graceful thanks to family, friends, colleagues and everyone who has directly or indirectly contributed to make this project a success.

### Name of Students

- 1) XYX (Roll No.)
- 2) XYX (Roll No.)



d. **Chapter Index:** - Shall have title as "INDEX" in bold - 14 point aligned at top center and page consisting of table with three columns as Chapter No., Chapter particulars, and Page No. Chapter No. and Page No shall be aligned at centre of cell and chapter particulars left aligned in the cell.

e. **Graph Index / Figure Index / Table Index:** - Shall have title as "GRAPH INDEX / FIGURE INDEX / TABLE INDEX" in bold - 14 point center aligned at top of page. Page consisting of three column table as Graph No. / Figure No. / Table No. in first column, Title of Graph / Figure / Table in second column and Page No. in third column. (Similar to chapter index.)

10. Sketches:-Shall be drawn on separate sheet, centre aligned with Figure No. and Title of Sketch at its bottom.

11. Table shall preferably be typed in text format only with table no. and its title at the top, Centrally aligned.

12. Standard mathematical symbols and notations shall be used.

13. The last item on Index should be references.







FORMAT NO. STC/PR33/F/05  
SHREEYASH PRATISHTHAN'S  
**Shreeyash Technical Campus**  
Shreeyash College of Engineering & Technology,



**BE Project Phase - I**  
**(2019-2020)**

Sr No.	Roll No.	Name of Student	Contact No.	Guide Name	Project Topic
1	41139	Pawar Shubham Sujit	9850636736	Dr. HAT	GIZ Shree Tubes Manufacturing PVT.Ltd. Aurangabad
2	41138	Pawar Govind Sakharam	8329936364		
3	41105	Chavan Parmeshwar Ramrao	8390703542		
4	41173	Gite Omkar	9561220301		
5	41184	Pramod Kure	7220507342	Dr. HAT	
6	41172	Gorde Yogeshwar	8459886764		
7	41152	Amit Sonawane	9623242230		
8	41144	Sandip Rathod	8308167039		
9	41178	Ganesh Saste	9766102052		
10	41134	Ajay Mohite	8087174103	Prof. ZAS	GIZ Shree Tubes Manufacturing PVT.Ltd. Aurangabad
11	41141	Gopal Rajput	8999805776		
12	41177	Sachin Vendole	7775827390		
13	41171	Shubham Sonne	8888977960		
14	41166	Bharat Belewar	9145246291	Prof. ZAS	Tifan Braking System
15	41170	Saurabh Kharat	9168282247		
16	41169	Pravin Rathod	9130216454		
17	411120	Abhijeet mundhe	7875714495		
18	41185	Bhupendra Mali	9673358629		
19	41140	Pethe Anand	9423350298	Prof. V.WP	
20	41113	Dhage Rahul	9665079843		
21	41119	Jadhav Kamlesh	9511302929		
22	41132	Malode Nilesh	9130314448		
23	41129	Lingayat Bharat	8888590417		
24	411115	Dhamale Pradip	8788749909		
25	411113	Ravi Mete	8830885895	Prof. V.WP	
26	411112	Madne Abhijeet S.	8390633590		
27	411103	Ganesh Londhe	8888727905		
28	41197	Vidyadhar Waghmare	7499157450		
29	41116	Gajanan Gharapure	9156435573	Prof. GND	GIZ chaitanya industries
30	41118	Gaurav Godbole	9545175504		
31	41117	Gaurav Ghorpade	7020199930		
32	41133	Mirza saad nabil baig	9168442014		
33	41190	Omkar Deshpande	8280959186	Prof. GND	Sorting Machine for metal and non-metal
34	41191	Amol Pawar	8208409935		
35	411109	Abhijeet Kulkarni	9765555062		
36	41192	Buddhiraj Salve	9604668368		
37	41193	Yogendra Vasave	7798190864		
38	41199	Sanket Khewale	7020374580	Prof. Pratik Wavhal	Dual Pedal Operated Spray
39	41180	Akshay Jaiswal	8421218124		
40	411114	Sanaullah Khan	9970673136		
41	41181	Ganesh Dake	7798871484		





45	41109	Chaitanya Dandare	8237246769	Wavhal	Aurangabad
46	41159	Nayan Walunje	8408047220	Prof. DAD	Industry or Mechanical Project
47	41156	Akash Vatar	8888978700		
48	41130	Nilesh Lokhande	9309929084		
49	41131	Akshay Mahakal	7040490627		
50	41176	Pritam Chavan	9511804185	Prof. DAD	
51	41183	Rahul Maske	7030209120		
52	41195	Nikhil Mairdre	7276172809		
53	41194	Shreekant Molke	9096819372		
54	411105	Bhushan Khobragade	8999394363	Prof. NSD	
55	41115	Digraskar Krishna M	8149285233		
56	41127	Kharat Rupesh V.	8793806173		
57	41102	Gange Akshay A	7057851804		
58	41179	Kendre Tukaram	9049484389	Prof. NSD	GIZ Savera Auto Components
59	411104	Rahul Thakare	9049269626		
60	41165	Shubham Wagh	8788049406		
61	41167	Pradip Tupe	7507944187		
62	41157	Priyanka wagh	9421317095	Prof. NSD	
63	41110	Mayur Deshmukh	9765245089		
64	41163	Shubham Waghmare	9623412646		
65	41136	Akash Padhye	8668743605		
66	411111	Lakhan Rathod	9766633222	Prof. GSD	TIFAN
67	41107	Shubham Chavan	9423726299		
68	411116	Rohit Gunjkar	7030865231		
69	41151	Mayur Gaikwad	9665266725		
70	41187	Vaibhav Masurkar	8975258501	Prof. KTP	Tifan Steering System
71	41161	Dhananjay Aghav	9921557358		
72		Amal Roy	8668556594		
73	41186	Tushar Banchhod	7028379562		
74	41188	Shubham Dange	7040935060	Prof. KTP	GIZ Vijay Gears, Aurangabad
75	41103	Gaurav Bhale	9766545939		
76	41148	Tausif Shaikh	9588644893		
77	41108	Ajay Dabhade	8668828982		
78	41135	Dheeraj Narote	7972860127	Prof. AUK	
79	41101	Shailesh Akolkar	7030581675		
80	41114	Sourabh Dhavate	8793124336		
81	41121	Ritesh Jare	8007329302		
82	41124	Vitthal Joshi	8275010693	Prof. AUK	
83	41126	Vijaysing kadam	9767848283		
84	411106	Rajan Rathod	9158147770		
85	41137	Gajanan Pande	8888192314		
86	411108	Yogesh Vywhare	9422219617	Prof. AUK	
87	41147	Vinod Rathod	9850005667		
88	41150	Pavan Dube	7769046116		
89	41154	Sainath Thombre	9764364738		
90	41123	Sripad Joshi	7769046846	Prof. SAS	TIFAN
91	41149	Mahesh Shelke	8275323517		
92	41198	Umesh Rokade	7030797773		
93	411118	Shubham Bhojane	9831399806		
94	41196	Rushikesh Warade	8796231011	Prof. SAS	TIFAN
95	41153	Balasaheb Kale	9011117643		
96	41125	Shyam Kadam	8805373649		
97	41104	Harish Borade	8446109906		
98	411107	Avinash Kondke	9096716249	Prof. SAS	TIFAN
99	411110	Vinod Chavan	9762558806		
100	411119	Rohit Khandagale	9028029906		
101	41158	Abhishek Waghdare	9890829545		
102	41112	Ganesh Dhage	8888375944	Prof. SAS	TIFAN
103	411102	Sumit Rathod	8007413767		
104	411100	Babasaheb Jadhav	9689375790		
105	411101	Ashish Yadhav	9765682256		
106	411117	Shubham Wagh	8857856803	Prof. SAS	





# Department of Mechanical Engineering

Date: 10/10/2019

## Notice

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[For PPT format and report guidelines report to your respective guide].



**Project Coordinator**



**H.O.D.**



Dr. Babasaheb Ambedkar Marathwada University,  
Aurangabad



Project Report

On

***“Design and Development of Efficient Braking system for BAJA ATV”***

By,

Aneesh Jayshankar

Jadhav Ganesh

Aslam Pathan

Chavan Avinash

Dike Akash

Abhange Vishal

Harkal Gopal

Submitted in partial fulfilment of the requirement for the degree of  
Bachelor of Engineering (Mechanical)

Department of Mechanical Engineering

S.Y.C.E.T. Aurangabad

Year 2018-19





CERTIFICATE

This is to certify that the Project report entitled  
“Design and Development of Efficient Braking system for BAJA ATV”

Submitted by

Aneesh Jayashankar

Jadhav Ganesh

Aslam Pathan

Chavan Avinash


Dike Akash

Abhange Vishal

Harkal Gopal

Has completed as per the requirement of **Dr. Babasaheb**  
**Ambedkar marathwada University** in partial fulfilment of degree  
B.E. (Mechanical)

  
Guide

  
Prof. V W Patil

  
Head of Department

Prof. G S Dhage

  
Principal

Dr. R S Pawar

Department of Mechanical Engineering

S.Y.C.E.T. Aurangabad

Year 2018-19



DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY, AURANGABAD



SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY,  
AURANGABAD

Project Report

On

**“Design and Development of Power Transmission Line and NVH  
Control System for BAJA ATV”**

Submitted by

1) Kasbe Abhilash	2) Pratik Pawar	3) Pavan Dhakne
4) Pawankumar Kamble	5) Badrinath Katte	6) ParvezPathan

Under the Guidance of

Prof. K. T. PATIL

Submitted in partial fulfillment of the requirement for the degree of

Bachelor of Engineering (Mechanical)

Department of Mechanical Engineering

Shreeyash College of Engineering & Technology, Aurangabad

2018-19





## CERTIFICATE

This is to certify that the project report entitled

**“Design and Development of Power Transmission Line and NVH Control System for BAJA ATV”**

Submitted by

1) Kasbe Abhilash	2) Pratik Pawar	3) Pavan Dhakne
4) Pawankumar Kamble	5) Badrinath Katte	6) Parvez Pathan

Has completed project as per the requirement of

**Dr. Babasaheb Ambedkar Marathwada University**

In fulfillment of degree B.E. (Mechanical)

**Prof. K. T. Patil**  
Guide

**Prof. G.S. Dhage**  
H.O.D.

**Dr. B.S. Pawar**  
Principal

**Department of Mechanical Engineering**

**Shreyash College of Engineering & Technology, Aurangabad**

**2018-19**



**DR.BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY ,  
AURANGABAD.**



**SHREEYASH COLLEGE OF ENGINEERING AND TECHNOLOGY,  
AURANGABAD.**

**A PROJECT REPORT ON**

**"DESIGN OF WHEEL HUB ASSEMBLY FOR ATV VECHICLE"**

**SUBMITTED BY**

**KADAM SURAJ S (428010433)**

**PAGARE SHUBHAM D (428010717)**

**SHINDE BANDU K (428010961)**

**KSHIRSAGAR SANKET J (428010544)**

**SAKALKAR MAYUR H (428010874)**

**KESAL SATYAM B**

**MADNURE VIVEKANAND**

Submitted in partial fulfilment of the requirement for the degree of

Bachelor of Engineering (Mechanical)

**Department of Mechanical Engineering**

**Shreeyash College of Engineering and Technology, Aurangabad**

**Year 2018-19**





## CERTIFICATE

This is to certify that the project report report entitled  
**“DESIGN OF WHEEL HUB ASSEMBLY FOR ATV VEHICLE”**

Submitted by

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**PAGARE SHUBHAM D (428010717)**

**SHINDE BANDU K (428010961)**


**KSHIRSAGAR SANKET J (428010544)**

**SAKALKAR MAYUR II (428010874)**

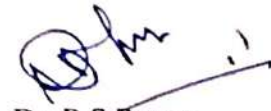
**MISAL SATYAM B**

**MADNURE VIVEKANAND**

has completed as per the requirement of Dr. Babasaheb  
Ambedkar Marathwada University in partial fulfilment of degree  
B.E. (Mechanical)

  
Prof. D A Deshmukh  
Guide

  
Prof. G S Dhage  
Head of Department

  
Dr. R S Pawar  
Principal

**Department of Mechanical Engineering**  
**Shreyash College of Engineering and Technology, Aurangabad**  
Year 2018-19.



Project Phase-1 Report

On

**“Design and Development of Engine Mounting and Gear Box for BAJA  
ATV”**

By

1. Wani Madhusudan Narayan (41139)
2. Patil Amit Anil (41240)
3. Akolkar Rameshwar Bhausahab (41103)
4. Sahane Balu Dadarao (41244)
5. Birajdar Rahul Pradip (41202)

Submitted in partial Fulfilment of the Requirement for the degree of  
Bachelor of Engineering (Mechanical)

Department of Mechanical Engineering  
S.Y.C.E.T. Aurangabad

Year 2018-19.





**CERTIFICATE**

This is to certify that the Project report entitled  
**“Design and Development of Engine Mounting and Gear Box for BAJA  
ATV”**

Submitted

By


1. Wani Madhusudan Narayan (41139)
2. Patil Amit Anil (41240)
3. Akolkar Rameshwar Bhausaheb (41103)
4. Sahane Balu Dadarao (41244)
5. Birajdar Rahul Pradip (41202)

Has completed as per the requirement of

**Dr. Babasaheb Ambedkar Marathwada University**

in partial fulfilment of degree

B.E. (Mechanical)



**Guide**

Prof. A. S. Adkine



**Head of department**

Prof. G. S. Dhage



**Principal**

Dr. R. S. Pawar

Department of Mechanical Engineering

S.Y.C.E.T. Aurangabad

Year 2018-19.



## CERTIFICATE

This is to certify that the project report entitled

**“Design and Development of Knuckle Joint of BAJA ATV”**

Submitted by

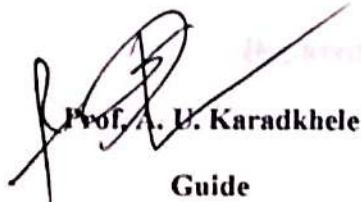
- |                    |                    |
|--------------------|--------------------|
| 1) Akshay Humbe    | 2) Akash Tribhuvan |
| 3) Abhijit Pagar   | 4) Jitendra Zirpe  |
| 5) Avishkar Jadhav | 6) Akshay Jaiswal  |
| 7) Saurabh Phand   |                    |

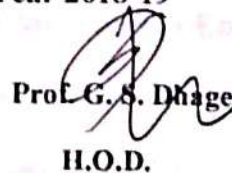
Has Completed as per the requirement of Dr. Babasaheb Ambedkar Marathwada university in partial fulfillment of degree of Bachelor of Mechanical Engineering

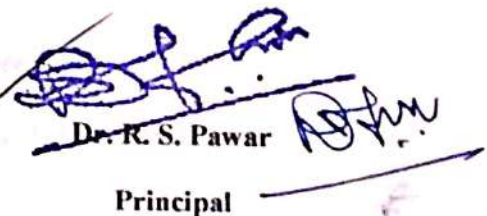
Department of Mechanical Engineering

Shreeyash College of Engineering & Technology, Aurangabad

Year 2018-19

  
Prof. A. U. Karadkhele  
Guide

  
Prof. G. S. Dhage  
H.O.D.

  
Dr. R. S. Pawar  
Principal





**SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY, AURANGABAD**

**Project Report**

**On**

**“Design and Development of Knuckle Joint of BAJA ATV”**

**Submitted by**

**1) Akshay Humbe  
3) Abhijit Pagar  
5) Avishkar Jadhav  
7) Saurabh Phand**

**2) Akash Tribhuvan  
4) Jitendra Zirpe  
6) Akshay Jaiswal**

**Under the Guidance of**

**Prof. A.U. Karadkhele**

**Submitted by partial fulfillment of the requirement of degree of Bachelor of Mechanical Engineering**

**Department of Mechanical Engineering**

**Shreeyash College of Engineering & Technology, Aurangabad**

**Year 2018-19**



**Dr. Babasaheb Ambedkar Marathwada University,  
Aurangabad**



Project Report

On

***“Design and Development of Rear Suspension system for BAJA ATV”***

By,

Khilare Shantanu Rajesh

Bramhane Krishna Mahadu

Kendre Sachin Venkatrao

Jadhav Mangesh Ashok

Pawar Santosh Damaodhar

Kamble Sandeep Abhimanyu

Salunke Yogesh Parmeshwar

Submitted in partial fulfilment of the requirement for the degree of  
Bachelor of Engineering (Mechanical)

Department of Mechanical Engineering

S.Y.C.E.T. Aurangabad

Year 2018-19





CERTIFICATE

This is to certify that the Project report entitled  
**“Design and Development of Rear Suspension system for BAJA ATV”**

Submitted by

**Khilare Shantanu Rajesh**

**Bramhane Krishna Mahadu**

**Kendre Sachin Venkatrao**

**Jadhav Mangesh Ashok**

**Pawar Santosh Damaodhar**

**Kamble Sandeep Abhimanyu**

**Salunke Yogesh Parmeshwar**

Has completed as per the requirement of **Dr. Babasaheb**  
**Ambedkarmarathwada University** in partial fulfilment of degree  
B.E. (Mechanical)

Guide

Prof. D A Deshmukh

Head of Department

Prof. G S Dhage

Principal

Dr. R S Pawar

Department of Mechanical Engineering  
S.Y.C.E.T. Aurangabad  
Year 2018-19



Project Report

On

**Design and Development of Chassis Model for BAJA ATV**

By

1) Thombare Sachin S. (Roll No.41234)

2) Bachhav Samadhan S. (Roll No.41104)

3) Jadhav Aniket B. (Roll No.41109)

4) Khandare Mukesh V. (Roll No.41225)

5) Kulkarni Mahesh M. (Roll No.41227)

6) Shinde Revnath B. (Roll No. 41237)

Submitted in partial fulfilment of the requirement for the degree of  
Bachelor of Engineering (Mechanical Engineering)

Department of Mechanical Engineering

Shreyash College of Engineering & Technology, Aurangabad- 431005

Academic Year 2018-19.





## CERTIFICATE


This is to certify that the Project report entitled


**Design and Development of Chassis Model for BAJA ATV**

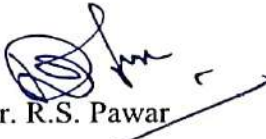
Submitted by

- |                                       |  |
|---------------------------------------|--|
| 1) Thombare Sachin S. (Roll No.41234) | 2) Bachhav Samadhan S. (Roll No.41104) |
| 3) Jadhav Aniket B. (Roll No.41109)   | 4) Khandare Mukesh V. (Roll No.41225)  |
| 5) Kulkarni Mahesh M. (Roll No.41227) | 6) Shinde Revnath B. (Roll No. 41237)  |

Has completed as per the requirement of Dr. Babasaheb Ambedkar Marathwada University in partial fulfilment of degree of Bachelor of Engineering (Mechanical Engineering)

  
Prof. N.S. Dongare  
Guide

  
Prof. N.S. Dongare  
Head of Department

  
Dr. R.S. Pawar  
Principal

Department of Mechanical Engineering  
Shreyash College of Engineering & Technology, Aurangabad.  
Academic Year 2018-19



**SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY,  
AURANGABAD**

**Project Report**

**On**

**Design, analysis and manufacturing of Double Wishbone Suspension  
System of ATV**

**Submitted by**

- (1) Dandgavhal Tejas Anil (428011043)
- (2) Chaudhari Kanchan Pramodrao (41205)
- (3) Patil Mayur Shivaji (428010761)
- (4) Mundhe Akash Vishwambhar (428010669)
- (5) Kadam Rohit Shivaji (428010430)
- (6) Chavan Sagar Rajendrasingh (428010164)
- (7) Ghorband Yogesh Gangadhar (428010292 )

**Under the Guidance of**

**Prof. N. S. Dongare**

**Department of Mechanical Engineering**

**Shreeyash College of Engineering & Technology, Aurangabad**

**Year 2018-19**






## CERTIFICATE


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**Design, analysis and manufacturing of Double Wishbone Suspension  
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- (2) Chaudhari Kanchan Pramodrao (41205)
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- (5) Kadam Rohit Shivaji (428010430)
- (6) Chavan Sagar Rajendrasingh (428010164)
- (7) Ghorband Yogesh Gangadhar (428010292 )

Has completed project as per the requirement of **Dr. Babasaheb Ambedkar Marathwada  
University**

In fulfillment of degree B.E. (Mechanical Engineering)

  
Prof. N. S. Dongare  
Guide

  
Prof. G. S. Dhage  
H.O.D.

  
Dr. R. S. Pawar  
Principal

Department of Mechanical Engineering  
Shreeyash College of Engineering & Technology, Aurangabad  
Year 2018-19



**DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY, AURANGABAD**



**SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY, AURANGABAD**

**Project Report**

**On**

**“Design, analysis and manufacturing of an all-terrain vehicle (ATV) chassis”**

**Submitted by**

**1)NITESH TUPSAGAR**

**2)JAYESH CHAVAN**

**4)PRASHANT JAISWAL**

**5)AMOL THORAT**

**3)OMPAKASH NAIR**

**Under the**

**Guidance of**

**Prof. G.S. Dhage**

**Submitted in partial fulfillment of the requirement for the degree of**

**Bachelor of Engineering (Mechanical)**

**Department of Mechanical Engineering**

**Shreeyash College of Engineering & Technology, Aurangabad**

**Year 2018-19**





## CERTIFICATE

This is to certify that the project report entitled  
**“Design, analysis and manufacturing of an all-terrain vehicle (ATV) chassis”**

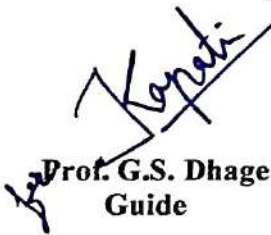
Submitted by

- 1) NITESH TUPSAGAR      2) JAYESH CHAVAN      3) PRASHANT JAISWAL  
4) AMOL THORAT      5) OMPRAKASH NAIR

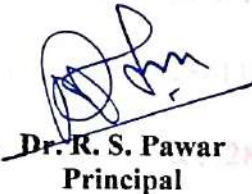
Has completed project as per the requirement of

**Dr. Babasaheb Ambedkar Marathwada University**

In fulfillment of degree B.E. (Mechanical)

  
Prof. G.S. Dhage  
Guide

  
Prof. G.S. Dhage  
H.O.D.

  
Dr. R. S. Pawar  
Principal

Department of Mechanical Engineering

Shreyash College of Engineering & Technology, Aurangabad

Year 2018-19



**DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY, AURANGABAD**



**SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY, AURANGABAD**

**Project Report**

**On**

**“Design, analysis and manufacturing of two stage reduction gearbox for  
ATV”**

**Submitted by**

- |                   |                     |                  |                    |
|-------------------|---------------------|------------------|--------------------|
| 1)SHUBHAM BHUJBAL | 2)JITENDRA CHAVAN   | 3)LALIT CHOBE    | 4)AKSHAY BABREKAR  |
| 5)GOVINDA THOTE   | 6)VIVEKSINGH JARVAL | 7)AVINASH RATHOD | 8)ANIKET THORAT    |
| 9)ALIM ANSARI     | 10)NARAYAN ARBAD    | 11)SACHIN TEKALE | 12)MOHIT KANNAMWAR |

**Under the Guidance of**

**Prof.K.T.PATIL**

**Submitted in partial fulfillment of the requirement for the degree of**

**Bachelor of Engineering (Mechanical)**

**Department of Mechanical Engineering**

**Shreeyash College of Engineering & Technology, Aurangabad**

**Year 2018-19**





## CERTIFICATE

This is to certify that the project report entitled

**“Design, analysis and manufacturing of two stage reduction gearbox for  
ATV”**


Submitted by

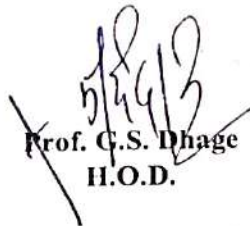
- |                    |                      |                   |                     |
|--------------------|----------------------|-------------------|---------------------|
| 1) SHUBHAM BHUJBAL | 2) JITENDRA CHAVAN   | 3) LALIT CHOBE    | 4) AKSHAY BABREKAR  |
| 5) GOVINDA THOTE   | 6) VIVEKSINGH JARVAL | 7) AVINASH RATHOD | 8) ANIKET THORAT    |
| 9) ALIM ANSARI     | 10) NARAYAN ARBAD    | 11) SACHIN TEKALE | 12) MOHIT KANNAMWAR |

Has completed project as per the requirement of

**Dr. Babasaheb Ambedkar Marathwada University**

In fulfillment of degree B.E. (Mechanical)

  
08/06/18  
**Prof. K. T. PATIL**  
Guide

  
**Prof. G.S. Dhage**  
H.O.D.

  
**Dr. R. S. Pawar**  
Principal

Department of Mechanical Engineering

Shreeyash College of Engineering & Technology, Aurangabad

Year 2018-19



SHREEYASH PRATISHTHAN'S  
**SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY**  
SataraParisar, Beed By-Pass Road, Aurangabad -431010 (M.S.)  
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**2.5 EVALUATION PROCESS AND REFORMS**



**TRANSPARENCY IN INTERNAL ASSESSMENT THROUGH  
SEMINAR WORK**





SHREEYASH PRATISHTHAN'S  
Shreeyash Technical Campus



SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY

## Department of Mechanical Engineering

Date: 26-07-2018

### Notice

BE-A & BE-B class for academic year 2018-19 (Part – I)

### List of Seminar Guide

Sr. No.	Roll No.	Name of Guide	Sign
1	41101 to 41110	Prof. G. S. Dhage	
2	41111 to 41120	Prof. V. W. Patil	
3	41121 to 41130	Prof. M. D. Shirsat	
4	41131 to 41140	Prof. D. D. Pawar	
5	41141 to 41150	Prof. D. A. Deshmukh	
6	41151 to 41160	Prof. M. S. Walunjkar	
7	41201 to 41210	Prof. A. S. Adkine	
8	41211 to 41220	Prof. S. A. Shimple	
9	41221 to 41230	Prof. N. S. Dongare	
10	41231 to 41240	Prof. K. T. Patil	
11	41241 to 41250	Prof. G. N. Deshpande	
12	41251 to 41260	Prof. N. M. Kathar	
13	41261 to 41270	Prof. A. U. Karadkhele	
14	41161 to Onwards	Prof. A. R. Maekar	

### Seminar Calendar

Sr. No.	Activity	Completion date of Activity
1	Selection of Topic	Up to 15/08/2018
2	Review- 1	(30/08/2018)
3	Review- 2	(12/09/2018)
4	Review – 3 Tentative Report submission	25/09/2018
5	Report Correction & Submission	30/09/2018
6	Final Seminar Presentation	As per University Rules

Seminar Co-ordinator

H.O.D.

Date: 02/08/18

Name of Student: Rathod Gopinath Kamhiram


Roll No.: 41216

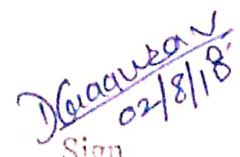
Topic Name: frictionless compressor technology

Abstract in 250 words:

The frictionless compressor technology is the compressor with which the application of the magnetic bearing and permanent magnet synchronous motor. In the frictionless compressor instead of the roller bearing and hydrodynamic bearing, magnetic bearing will be use. Magnetic bearing consume less power and there is no need for the oil and lubrication system.

This compressor has the high efficiency, reliability, less maintenance cost and the staff. The frictionless compressor technology makes new revolution in the field of air conditioning, refrigeration etc.

  
Sign  
Guide

  
Sign  
Seminar Coordinator

  
Sign  
Guide

  
Sign  
HOD



# Seminar (Approval / Sanction) Sheet

Date: 29/9/18

Name of Student: Kulkarni Madhuri Jagdishrao

Roll No.: 41101

Topic Name: Supercapacitor

Abstract in 250 words: A Supercapacitor or ultracapacitor is an electrochemical capacitor that has an unusually high energy density when compared to common capacitors. They are of particular interest in automotive applications for hybrid vehicles and as supplementary storage for battery electric vehicles.

Supercapacitor also known as Electric double-layer capacitor (EDLCs). Typically, on the order of thousands of times greater than a high capacity electrolytic capacitor. For instance, a typical electrolytic capacitor will have capacitance in the range of tens of milli farads. The same size Super capacitor would have capacitance of several farade. Larger, commercial electric double layer capacitors have capacities as high as 5,000 farads.

  
Guide

  
Seminar Coordinator

  
Guide

  
HOD

# Seminar (Approval / Sanction) Sheet

Date: 14/09/18

Name of Student: PATE ASHOK DIGAMBER

Roll No.: 41265

Topic Name: A Floating wind mill.

Abstract in 250 words: A wind mill is mill that converts the energy of wind into rotational energy by means of vanes called sails or blades.

centuries ago, windmills usually were used to mill grain, pump water, or both. The majority

of modern windmills take the form of wind

turbine used to generate electricity, or wind pumps

used to pump water, either for land drainage

or to extract groundwater.

Now a days the wind mills are used

to convert the wind energy into electrical energy.

with help of turbines which are mechanically

coupled to the generator.

  
Sign

Guide

  
Sign

Seminar Coordinator

  
Sign

Guide

  
Sign

HOD



SHREEYASH PRATISHTHAN'S  
SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY, AURANGABAD  
DEPARTMENT OF MECHANICAL ENGINEERING  
SEMINAR PRESENTATION SUBMISSION



ROLL NO.	NAME OF STUDENT	NAME OF TOPIC	STUDENT SIGN
41101	Kulkarni Madhuri J.	Supercapacitors	<i>[Signature]</i>
41102	Madge Rakesh S.	Advanced computational method Product & Process design	<i>[Signature]</i>
41103		Blank	
41104	Akolkar Rameshwar B.	waste heat treated Adsorption Ref <sup>n</sup>	<i>[Signature]</i>
41105	bachhav Samadhan S.	liquid nitrogen Vehicle	<i>[Signature]</i>
41106		Blank	
41107		Blank	
41108		Blank	
41109	Bocimhane Krishna M.	Large welding	<i>[Signature]</i>
41110	Chavthasi Ishwar N.	Second Generation Biofuel	<i>[Signature]</i>
41111	DHAKHE PAVAN P.	Airless Tires	<i>[Signature]</i>
41112	Gante Kunal H	Aerodynamic	<i>[Signature]</i>
41113	Aniket Babasaheb Jadhav	Abrasive blasting	<i>[Signature]</i>
41114	Jadhav Avishkar Rajesh	Scramjet for hypersonic flight	<i>[Signature]</i>
41115	Jadhav Ganesh B.	X split Brake circuit	<i>[Signature]</i>
41116	Aneesh Jayashankar	floating solar chimney	<i>[Signature]</i>
41117	Jadhav Pranjesh A.	Sustainable development in agriculture field	<i>[Signature]</i>
41118		Blank	
41119	Zirpe Nitendra P.	Electric two wheeler	<i>[Signature]</i>
41120		Blank	
41121	Kadam Rohit S	Double wishbone system	<i>[Signature]</i>
41122	Kamble Pawankumar M	Hexapod Robot	<i>[Signature]</i>
41123	Kamble Sandip A.	Sensor system used in Automation	<i>[Signature]</i>
41124	Katte Badrinath S	Global positioning system	<i>[Signature]</i>
41125	Khilare Shantenu R	<del>Blank</del> semi-trailing arm	<i>[Signature]</i>
41126	Kshirsagar Patan	Magnetic gearing system	<i>[Signature]</i>
41127	Prathamesh S. Pathak	I.Costing with F.M & I.M	<i>[Signature]</i>
41128		Blank	
41129		Blank	
41130		Blank	
41131	Munde Akash V.	water jet m/c	<i>[Signature]</i>
41132	Shubham P. Naje	HAV	<i>[Signature]</i>
41133	Aghasde Rajaraj Y	Carbon credit	<i>[Signature]</i>
41134	Manoj D. Nikit	magnetic gear	<i>[Signature]</i>
41135	Shubham D. paggot	BS-II engine	<i>[Signature]</i>
41136	Rushikesh A. Parve	cryogenic rocket engine	<i>[Signature]</i>
41137	Pathan Aslam Shekhan	SS system engine	<i>[Signature]</i>
41138		Blank	
41139		Blank	
41140		Blank	
41141	Girje Rahul Sunil	solar updraft tower	<i>[Signature]</i>
41142		Blank	



**SHREEYASH PRATISHTHAN'S**  
**SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY, AURANGABAD**  
**DEPARTMENT OF MECHANICAL ENGINEERING**  
**SEMINAR PRESENTATION SUBMISSION**



ROLL NO.	NAME OF STUDENT	NAME OF TOPIC	STUDENT SIGN
41143	Pawar Aditya S.	Tesla bladeless Turbine	
41144		Blank	
41145	Pawar Pratik N.	Electromagnetic clutch	
41146	Pawar Santosh D.	Analysis of conveyor shaft failure	
41147	Pawar Shivaji M.	Pneumatic bike	
41148	Phand Saurav Pandit	Digital factory	
41149	sakalkar mayur. Hasibkhan	Styblus Technology	
41150	Salunke Nagesh P.	centrifugal casting Techniq.	
41151	shinde Bandu Krushna	plastic Welding	
41152	Taur Mayanar. V.	Power transmission	
41153	Thombare Dnyaneshwar V.	Thermoelectric cooling	
41154	madhusudan N. Wani	Hot wire thermo-cutting m/c	
41155	shinde Siddheshwar M.	vehicle to vehicle communication	
41156	Sagar Sainath Somase	Laser ignition System	
41157	Ajinkya B. Sonpethkar	Hemi engine	
41158	chetan G. Sawale	Pipe conveyor	
41159	kulkarni Saurabh S.	Solar probe	
41160	Akash B. Dike	Loop Heat Pipe	
41161	Abhishek Kumbhe	ABC & XYZ analysis	
41162	Sonawane Sajan B.	Automobile Tyres	
41163	Tsibhuvan Akash B.	Seramic	
41164		Blank	
41165		—	
41166		—	
41167	sunil N. Kondhne	casting defect & remedies	
41168	Mahe S Patil	centrifugal casting Technique	
41169	Lahy T. Dongare	Nanotechnology	



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SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY, AURANGABAD  
DEPARTMENT OF MECHANICAL ENGINEERING  
SEMINAR PRESENTATION SUBMISSION



ROLL NO.	NAME OF STUDENT	NAME OF TOPIC	STUDENT SIGN
41201		Blank	
41202		Blank	
41203	Bhokard Nilesch Suresh	Dual clutch transmission system	Nilesch
41204	Bisajdas Pabul Pradip	M2H1 CHC	Pabul
41205	Battelak Saurabh Rajendra	Two stroke engine using reed valve	Saurabh
41206	Beralikar Abhishat	vibration reduction methods	Abhishat
41207	Chaudhari Kanchem	Nanotechnology	Kanchem
41208	Chavan Sagar Rajendrasin	Shot Pining	Sagar
41209	Dandgavhal Tejas Anil	Triple spark ignition	Tejas
41210	Chavan Rajudhas B.	nano alloying spring steel	Bhavan
41211		Blank	
41212	Dhatne Sachin A.	Portable water turbine	Sachin
41213		Blank	
41214	Dofode Suresh K.	Sustainability	Suresh
41215	Ghoshband Yogesh K.	HVAC system losses	Yogesh
41216	Rathod Gopinath Kanham	frictionless compressor	Gopinath
41217	Rathod Sachin Bhimrao	Laser Assisted mic	Sachin
41218		Blank	
41219	Payer Abhyat Gommen	Automotive ergonomics	Abhyat
41220	Kathar Swapnil Kailas	"Airless Tyre"	Swapnil
41221		Blank	
41222	Humaraje Akshay	Surface coating Technology	Akshay
41223	Humbe Akshay G.	Robotics in radioactive environment	Akshay
41224	Tushar T. Idhale	multi-agent system	Tushar
41225	JADHAV VIKAS V	Electronic fuel Injection	Vikas
41226	AKSHAY R. JAISWAL	Vacuum Technology	Akshay
41227	Joshi Manojesh S.	Second hand currency	Manojesh
41228	Joshi Swapnil N.	cyber physical prod <sup>2</sup>	Swapnil
41229	Kadam Suresh Sudan	Sustainability	Suresh
41230		Blank	
41231	Khandare Mukeshvijay	Plastic waste recycling	Mukesh
41232	Khursagar Saket D.	Rubber waste	Saket
41233	Kulkarni Mahesh M.	Paper waste recycle	Mahesh
41234	tanmay Arvind Kulkarni	minimum quantity lubrication increasing operation	Tanmay
41235	Lambhadi Kunaladheepak S.	wireless power transmission	Kunal
41236	Ankit Madhukar	Magneto rheological fluid	Ankit
41237	mayara Bhagawat B	mistral technology	Mayara
41238	MHASKI AMAR R	Air taxi	Amar
41239		Blank	
41240		Blank	
41241		Blank	
41242		Blank	



SHREEYASH PRATISHTHAN'S  
SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY, AURANGABAD  
DEPARTMENT OF MECHANICAL ENGINEERING  
SEMINAR PRESENTATION SUBMISSION



ROLL NO.	NAME OF STUDENT	NAME OF TOPIC	STUDENT SIGN
41243	Shalch Arman M	Heat transfer enhancement Postangulation	<i>[Signature]</i>
41244	Thombare Sachin S.	Plate type heat exchangers	<i>[Signature]</i>
41245	<del>Arshad M Kar</del>	Heat enhancement Helical Coil	<i>[Signature]</i>
41246	Sachin V. Kevale	H.T. Enhancement Helical Coil	<i>[Signature]</i>
41247		Blank	
41248	Shinde Renuath Balu	New green refrigerants	<i>[Signature]</i>
41249	Hemant A. Gandhi	Heat transfer Augmentation technique	<i>[Signature]</i>
41250		Blank	
41251	DHANSHETTE AMAR V.	Automatic gear transmission	<i>[Signature]</i>
41252	Patil Amit Anil.	Design of Thermoelectric Refrigerator	<i>[Signature]</i>
41253	PERVEZ PUTHAN	Performance enhancement P.P.	<i>[Signature]</i>
41254		Blank	
41255		Blank	
41256	Migal satyam B.	Biometric Voting machine	<i>[Signature]</i>
41257	Madhure Vivekanand Jadhav	CO <sub>2</sub> Reduction Tech	<i>[Signature]</i>
41258	Sahane Balu Sadaseo	Supercritical CO <sub>2</sub> Heat exchanger	<i>[Signature]</i>
41259	Sahane Balu Sadaseo	Supercritical CO <sub>2</sub> Heat exchanger	<i>[Signature]</i>
41260	Hankal Gopad S.	RO/DIESEL	<i>[Signature]</i>
41261		Blank	
41262	Sanket Sengh	Clean Room	<i>[Signature]</i>
41263	Rathod Suraj Shivsing	Paper battery	<i>[Signature]</i>
41264	Jadhav Ashok Kallar	Solar power satellite and micro-tour	<i>[Signature]</i>
41265	PATE ASHOK D.	Floating windmills.	<i>[Signature]</i>
41266	Varpe Siddheshwar E.	Cryocar	<i>[Signature]</i>
41267	Pawar Akshay B.	Industry 4.0	<i>[Signature]</i>
41268	Abhage Vishal D.	Supply chain management	<i>[Signature]</i>
41269	Chalvan Avinash V.	Hyalogen engine	<i>[Signature]</i>
41270	Kulkarni Saurabh D.	Cellulosic Welding	<i>[Signature]</i>
41271	Karhale Yogesh A.	Supply chain management	<i>[Signature]</i>
41272		Blank	
41273	Harwade Pramod A.	Green manufacturing	<i>[Signature]</i>
41274	Sangale Ashok A	Hydrogen fuel cell	<i>[Signature]</i>
41275	Jivraj Satish N.	Boake Blasting	<i>[Signature]</i>
41276	JADHAV AKSHAY KUMAR A.	Forging	<i>[Signature]</i>
41277			
41278			



SHREEYASH PRATISHTHAN'S  
SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY, AURANGABAD

DEPARTMENT OF MECHANICAL ENGINEERING  
SEMINAR REPORT SUBMISSION



ROLL NO.	NAME OF STUDENT	NAME OF TOPIC	STUDENT SIGN
41101	Kulkarni Madhuri J.	Supercapacitors	<i>[Signature]</i>
41102	Madse Rajesh. S.	computational Method Productivity	<i>[Signature]</i>
41103		Blank	
41104	AKolkar Purneshwar B.	waste heat treated adsorption of H <sub>2</sub>	<i>[Signature]</i>
41105	bachhav Samadhan. S	liquid nitrogen Vehicle	<i>[Signature]</i>
41106		Blank	
41107		Blank	
41108		Blank	
41109	Prasannahe Krishna M	laser welding	<i>[Signature]</i>
41110	chawhan Ishwar M.	Second Generation Bifuel	<i>[Signature]</i>
41111	DHARME PAVAN PRAKASH	Airless Tires.	<i>[Signature]</i>
41112	Gante Kunal A	Aerodynamic	
41113	Aniket B. Jadhav	Abrasive blasting	<i>[Signature]</i>
41114	Jadhav Anshkar J.	foamjet	<i>[Signature]</i>
41115	Jadhav Ganesh Baburao	X split Brake circuit	<i>[Signature]</i>
41116	Aneesh Jayastankar	Solar floating chimney	<i>[Signature]</i>
41117	Jadhav Prunesh Arhale	Sustainable development in agriculture field	<i>[Signature]</i>
41118		Blank	
41119	Zirpe Jitendra P.	Electric two wheelers	<i>[Signature]</i>
41120		Blank	
41121	Kadam Rohit S.	Double wishbone suspension	<i>[Signature]</i>
41122	Kamble Pawankumar. M	Hexapod Robot	<i>[Signature]</i>
41123	Kamble Sandeep A.	Sensor system used in AUVs: S.K	<i>[Signature]</i>
41124	Katte Bodanath. S	Global Positioning System	<i>[Signature]</i>
41125	Khilare Shantanu. R	Blank semi trailing	<i>[Signature]</i>
41126	Kshirsagar Pawan	Magnetic gearing system	<i>[Signature]</i>
41127	Prathamesh. S. Pathak	Industrial costing with financial & inventory management	<i>[Signature]</i>
41128		Blank	
41129		Blank	
41130		Blank	
41131	Munde Arash V.	Water jet mic.	<i>[Signature]</i>
41132	Shubham P. Wasle	HAV	<i>[Signature]</i>
41133	Aghole Sagar Y.	Carbon Corallit	<i>[Signature]</i>
41134	Nauk Manoj P	Blank Magnets	<i>[Signature]</i>
41135	Shubham P. pagare	BS-IV engine	<i>[Signature]</i>
41136	Rushikesh A. Purve	cryogenic rocket engine.	<i>[Signature]</i>
41137	Fathan Aslam Sheethan	S S system	<i>[Signature]</i>
41138		Blank	
41139		Blank	
41140		Blank	
41141	Grine Parul sunil	Solar updraft tower	<i>[Signature]</i>
41142		Blank	



SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY, AURANGABAD  
DEPARTMENT OF MECHANICAL ENGINEERING  
SEMINAR REPORT SUBMISSION



ROLL NO.	NAME OF STUDENT	NAME OF TOPIC	STUDENT SIGN
41143	Pawar Aditya S.	Tesla Turbine.	<i>[Signature]</i>
41144		Blank	
41145	Pawar Pratik N.	Electromagnetic clutch	Pedrik
41146	Pawar Santosh D.	Analysis of failure <sup>shaft</sup> conveyor	Koushik
41147	Pawar Shivaji M.	Pneumatic bike	<i>[Signature]</i>
41148	Phand Saurav Pandit	Digital factory	<i>[Signature]</i>
41149	Sakalkar Mayur Haribhau	skybus technology	<i>[Signature]</i>
41150	Salunke Yogesh P.	centrifugal casting turbine	<i>[Signature]</i>
41151	Shinde Bandu Krushna	plastic welding	<i>[Signature]</i>
41152	Taur Gayanra Vachist	Power Transmission	<i>[Signature]</i>
41153	Thombre Dnyaneshwar V.	Thermoelectric cooling	<i>[Signature]</i>
41154	Madhusudan N. Wani.	Hot wire thermal cutting m/c.	<i>[Signature]</i>
41155	Slande Siddheshwar M.	vehicle to vehicle communication	Sole
41156	Sagar Gaiath Somase	Laser ignition system	Sagar
41157	Ajinkya B. Sonpethkar	Hemi engine	Ajinkya
41158	Chetan G. Sauter	lip conveyor	<i>[Signature]</i>
41159	Kulkarni Saurabh S.	Solar Probe.	<i>[Signature]</i>
41160	Akash B. Dike	Loop Heat pipe	<i>[Signature]</i>
41161	Abhinav Karde	ABC & xyz analysis	<i>[Signature]</i>
41162	sonawane sajan B.	Automobile Tyres	<i>[Signature]</i>
41163	Tsibhovan Akash.	scramjet	<i>[Signature]</i>
41164		Blank	
41165		-	
41166		-	
41167	Sunil N. Kondhare	casting defects & remedies	<i>[Signature]</i>

41168 Mayur S. Patil

casting Techniques.

*[Signature]*

41169 Lahu T. Dongare

Nanotechnology

*[Signature]*



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SEMINAR REPORT SUBMISSION**



ROLL NO.	NAME OF STUDENT	NAME OF TOPIC	STUDENT SIGN
41201		Blank	
41202		Blank	
41203	Bhokar Nilesh Suresh	Dual clutch transmission system	(Nilesh)
41204	Bisajdae Pankaj Pradip	MINE CHC	Pankaj
41205	Bodkare Suresh R.	Two stroke engine using reed valve	(Suresh)
41206	Boralkar Abhishek S.	Vibration reduction in engine	Abhishek
41207	Chaudhari Kanchan	Nanotechnology	(Kanchan)
41208	Chavan sagar P.	Short Pinning	Sthavan
41209	Dandgarhal Tejas A.	Triple spark ignition	(Tejas)
41210	Chavan Rajudas B	Nano alloying spring steel	(Rajudas)
41211		Blank	
41212	Dhalane Sachin A	portable water turbine	Phy.
41213		Blank	
41214	Dofode suresh k.	sustainability	Dofode
41215	Ghorband Yogesh G.	HVAC system losses	Yogesh
41216	Rathod Gopinath Kamhadam	frictionless compressor	Kamhadam
41217	Rathod Sachin Bhiramno	Laser Assisted mic	(Sachin)
41218		Blank	
41219	Pagaw Abhijit Sunanda	Automatic ergonomics	Abhijit
41220	Karhar Swapnil Kailas	Airless TYRE	(Swapnil)
41221		Blank	
41222	Hulmalga Akshay	surface coating technology	Akshay
41223	Humbre Akshay G	Robotics in radioactive environment	Akshay
41224	Tushar I. Idhate	multi-Agent system	(Tushar)
41225	JADHAV VIKAS V	Electronic fuel Injector	Vikas
41226	Akshay R. Jaiswal	Vacuum Technology	(Akshay)
41227	Joshi Mangesh S	second hand recovery	(Mangesh)
41228	Joshi Swapnil W.	cycle physical prod. system	(Swapnil)
41229	Kadam Surraj S.	Sustainability	(Surraj)
41230		Blank	
41231	Khandare Mukesh Vijay	Plastic waste recycling	(Mukesh)
41232	Kulkarni Sanket J.	Rubber waste	(Sanket)
41233	Kulkarni Mahesh M	paper waste recycle	(Mahesh)
41234	Tanmay Anil Kulkarni	minimum quantity lubrication	(Tanmay)
41235	Lambhachar Kumbhardev R.	wireless power transmission	(Kumbhardev)
41236	Aniket Madhkar	Magneto rheological fluid	(Aniket)
41237	Madhkar Bhagwat B	missile technology	(Bhagwat)
41238	MADHAR ANAND R	Air taxi	(Anand)
41239		Blank	
41240		Blank	
41241		Blank	
41242		Blank	



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ROLL NO.	NAME OF STUDENT	NAME OF TOPIC	STUDENT SIGN
41243	Shaulch Arman M.	Heat transfer enhancement Rectangular	<i>[Signature]</i>
41244	Thombare Sachin S.	Plate type heat exchangers	<i>[Signature]</i>
41245		Blank	
41246	Kusle Sachin V.	Helix Heat Transfer enhan. Helical	<i>[Signature]</i>
41247		Blank	
41248	Shinde Krunath Balu	New green refrigerant	<i>[Signature]</i>
41249	Hemant A. Gaudu	Heat Transfer Augmentation techs.	<i>[Signature]</i>
41250		Blank	
41251	Dhanshette Amal Vireh	Automatic gear transmission	<i>[Signature]</i>
41252	Patil Amit Anil	Design of Thermoelectric Refrigerator	<i>[Signature]</i>
41253	Parvez Pathan	performance thermal plant	<i>[Signature]</i>
41254		Blank	
41255		Blank	
41256	Misal Gatyam A.	Biometric voting machine	<i>[Signature]</i>
41257	Madhure Vivekanand	CO <sub>2</sub> reduction technia	<i>[Signature]</i>
41258		Blank	
41259	Sahane Baw Dadaego	CYCLOGENIC Heat treatment	<i>[Signature]</i>
41260	Huskal Gopal S.	BIODESEL	<i>[Signature]</i>
41261		Blank	
41262	Sanket Singh	Clean room	<i>[Signature]</i>
41263	Rathod Suraj Shivsing	Paper battery	<i>[Signature]</i>
41264	Jadhav Ashok Jaitar	solar power satellite microwave	<i>[Signature]</i>
41265	PATE ASHOK D.	floating windmill	<i>[Signature]</i>
41266	Vamre Siddheshwar E.	Cryocar	<i>[Signature]</i>
41267	POWAR AKEHAY B.	Energy by G.O	<i>[Signature]</i>
41268	Abhange vijal D	supply chain management supply	<i>[Signature]</i>
41269	chavhan Avinash V.	Hydrogen engine	<i>[Signature]</i>
41270	Kulkarni Saurabh D.	ultrasonic welding	<i>[Signature]</i>
41271	Karhale Yogesh A.	Supply chain management	<i>[Signature]</i>
41272		Blank	
41273	Narwade pramod.A	Green Manufacturing	<i>[Signature]</i>
41274	sangale Ashok A	hydro fuel cell	<i>[Signature]</i>
41275	Jivraj sahil H.	Brake Biasing	<i>[Signature]</i>
41276	TADHAV AKSHAYKUMAR	Frogging	<i>[Signature]</i>
41277			
41278			





## CERTIFICATE

This is to certify that the seminar report entitled

**“Heat Transfer Augmentation Techniques”**

Submitted by

**Hemant Ashok Gandhi**

has completed as per the requirement of Dr. Babasaheb

Ambedkar Marathwada University in partial fulfilment of degree

B.E. (Mechanical)

Guide

Prof. G.N. Deshpande

Head of Department

Prof. G. S. Dhage

Principal

Dr. R. S. Pawar

Department of Mechanical Engineering

**Shreyash College of Engineering and Technology, Aurangabad**

Year 2018-19.



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**2.5 EVALUATION PROCESS AND REFORMS**



**TRANSPARENCY IN INTERNAL ASSESSMENT THROUGH  
INPLANT / INTERNSHIPS WORK**



Sr. No.	Name of the Student	Academic Year	Title of Inplant Report	Name of Company	Type of Report	Duration		Total Duration
					Inplant / Mini Project	From	To	
1	Barde Jagdish Gopinath	2017-18	Badve Enggineering Aurangabad	Badve Enggineering Aurangabad	Inplant training	27-Jun	11-Jul-17	15 Days
2	Arif Shaikh	2017-18	Badve Enggineering Aurangabad	Badve Enggineering Aurangabad	Inplant training	27-Jun	11-Jul-17	15 Days
3	Narayan Arbad	2017-18	Badve Enggineering Aurangabad	Badve Enggineering Aurangabad	Inplant training	28-Jun	12-Jul-17	15 Days
4	Tangade Rupesh sanjay	2017-18	Badve Enggineering Aurangabad	Badve Enggineering Aurangabad	Inplant training	5-Jun	5-Jul-17	1 Month
5	Akshay Jaiswal	2017-18	Badve Enggineering Aurangabad	Badve Enggineering Aurangabad	Inplant training	26-Jun	10-Jul-17	15 Days
6	Akash Dike	2017-18	Badve Enggineering Aurangabad	Badve Enggineering Aurangabad	Inplant training	26-Jun	10-Jul-17	15 Days
7	Santosh Shitole	2017-18	Badve Enggineering Aurangabad	Badve Enggineering Aurangabad	Inplant training	26-Jun	10-Jul-17	15 Days
8	Ajinkya Sonpethkar	2017-18	Badve Enggineering Aurangabad	Badve Enggineering Aurangabad	Inplant training	26-Jun	10-Jul-17	15 Days
9	Chandrakant Surnar	2017-18	Badve Enggineering Aurangabad	Badve Enggineering Aurangabad	Inplant training	26-Jun	10-Jul-17	15 Days
10	Sachin Tekale	2017-18	Badve Enggineering Aurangabad	Badve Enggineering Aurangabad	Inplant training	26-Jun	10-Jul-17	15 Days
11	Sagar Lone	2017-18	Badve Enggineering Aurangabad	Badve Enggineering Aurangabad	Inplant training	26-Jun	10-Jul-17	15 Days
12	Kaustubh Khadse	2017-18	Badve Enggineering Aurangabad	Badve Enggineering Aurangabad	Inplant training	26-Jun	10-Jul-17	15 Days
13	Joshi Rushikesh Vivek	2017-18	Cycle time reduction of NRB bore grinding machine	NRB Industrial Bearings Ltd.,Aurangabad	Inplant training			2 months
14	Shilote Santosh Ashok	2017-18	Badve Engineering Ltd.	Badve Engineering Ltd.,Aurangabad	Inplant training			2 months
15	Bhagat Suresh Dnyaneshwar	2017-18	Badve Engineering Ltd.	Badve Engineering Ltd.,Aurangabad	Inplant training			2 months
16	Chandrakant Surnar	2017-18	Badve Engineering Limited	Badve Engineering Limited,Aurangabad	Inplant training	26/06/2017	10/7/2017	12 DAYS
17	Kaustubh Khadse	2017-18	Badve Engineering Limited	Badve Engineering Limited,Aurangabad	Inplant training	26/06/2017	10/7/2017	12 DAYS
18	Sachin Tekale	2017-18	Badve Engineering Limited	Badve Engineering Limited,Aurangabad	Inplant training	26/06/2017	10/7/2017	12 DAYS
19	Fegade Gajanan Ashokrao	2017-18	Badve Engineering Limited	Badve Engineering Limited,Aurangabad	Inplant training			2 months
20	Balkrushna B. Andhale	2018-19	Elimination of Manual Inspection error	Aurangabad Electricals Ltd. Aurangabad	Inplant training	28 Nov.	29 Dec. 2018	1 Month

Sr. No.	Name of the Student	Academic Year	Title of Inplant Report	Name of Company	Type of Report	Duration		Total Duration
					Inplant / Mini Project	From	To	
21	Abhijeet B. Biradar	2018-19	Elimination of Manual Inspection error	Aurangabad Electricals Ltd. Aurangabad	Inplant training	28 Nov.	29 Dec. 2018	1 Month
22	Rohan P. Bhojane	2018-19	Nirmal Technocrats	Nirmal Technocrats	Inplant training	15 Dec.	30 Dec. 2018	15 Days
23	Sneha T. Savarkar	2018-19	Nitesh Enterprises	Nitesh Enterprises	Inplant training	15 Dec.	30 Dec. 2018	15 Days
24	Hemant Ashok Gandhi	2018-19	Aurangabad Electricals Ltd. Aurangabad	Aurangabad Electricals Ltd. Aurangabad	Inplant training	02 Jul.	9 Jul. 2018	7 Days
25	Rakde Ashish	2018-19	Extron PEB Solutions Pvt. Ltd. Aurangabad	Extron PEB Solutions Pvt. Ltd. Aurangabad	Inplant training	15 Dec.	15 Jan. 2019	1 Month
26	Pillai Srijith	2018-19	Extron PEB Solutions Pvt. Ltd. Aurangabad	Extron PEB Solutions Pvt. Ltd. Aurangabad	Inplant training	15 Dec.	15 Jan. 2019	1 Month
27	Shaikh Imran A.	2018-19	Extron PEB Solutions Pvt. Ltd. Aurangabad	Extron PEB Solutions Pvt. Ltd. Aurangabad	Inplant training	15 Dec.	15 Jan. 2019	1 Month
28	Shaikh Imran V.	2018-19	Extron PEB Solutions Pvt. Ltd. Aurangabad	Extron PEB Solutions Pvt. Ltd. Aurangabad	Inplant training	15 Dec.	15 Jan. 2019	1 Month
29	Ganesh U. Wankhede	2018-19	Swajit Engineering Pvt. Ltd Aurangabad	Swajit Engineering Pvt. Ltd Aurangabad	Inplant training	17 Dec.	31 Dec. 2018	15 Days
30	Datta V. Jadhav	2018-19	Swajit Engineering Pvt. Ltd Aurangabad	Swajit Engineering Pvt. Ltd Aurangabad	Inplant training	17 Dec.	31 Dec. 2018	15 Days
31	Sandip Y. Pawar	2018-19	Swajit Engineering Pvt. Ltd Aurangabad	Swajit Engineering Pvt. Ltd Aurangabad	Inplant training	17 Dec.	31 Dec. 2018	15 Days
32	Sachin H. More	2018-19	Swajit Engineering Pvt. Ltd Aurangabad	Swajit Engineering Pvt. Ltd Aurangabad	Inplant training	17 Dec.	31 Dec. 2018	15 Days
33	Atul Parmeshwar Chatse	2018-19	Shrideep Enterprises	Shrideep Enterprises	Inplant training	25 Dec.	5 Jan. 2019	10 Days
34	Krishna L. Dhage	2018-19	Harman Finochem Ltd. Aurangabad	Harman Finochem Ltd. Aurangabad	Inplant training	15 Dec.	30 Dec. 2018	15 Days
35	Omkar D. Mste	2018-19	Harman Finochem Ltd. Aurangabad	Harman Finochem Ltd. Aurangabad	Inplant training	15 Dec.	30 Dec. 2018	15 Days
36	Padhye Akash Shrihari	2018-19	Energy bill is reduce 50%	Printwell International pvt. Ltd.,Aurangabad	Third year mini project	25/12/2018	1/2/2019	9 Days
37	Mugale Avinash B	2018-19	Energy bill is reduce 50%	Printwell International pvt. Ltd.,Aurangabad	Third year mini project	25/12/2018	1/2/2019	9 Days
38	Pethe Anand Vaijinath	2018-19	Energy bill is reduce 50%	Printwell International pvt. Ltd.,Aurangabad	Third year mini project	25/12/2018	1/2/2019	9 Days
39	Adinath Dashrath Kshirsagar	2018-19	BLG Parekh Logistics Private Limited	BLG Parekh Logistics Private Limited,Aurangabad	Inplant training	14/12/2018	28/12/2018	15 Days
40	Sachin Dadarao Kale	2018-19	L.S.Engineering	L.S.Engineering,Aurangabad	Inplant training	14/12/2018	1/1/2019	18 Days



Sr. No.	Name of the Student	Academic Year	Title of Inplant Report	Name of Company	Type of Report	Duration		Total Duration
					Inplant / Mini Project	From	To	
41	Pratik Laxmikant Lekurwale	2018-19	BLG Parekh Logistics Private Limited	BLG Parekh Logistics Private Limited,Aurangabad	Inplant training	14/12/2018	28/12/2018	15 Days
42	Malkalpatte Krishna Dhondiram	2018-19	Videocon Industries Ltd.	Videocon Industries Ltd.,Mumbai	Inplant training	15/12/2018	30/12/2018	15 Days
43	Akash Rathod	2018-19	Prem Enterprises	Prem Enterprises,Aurangabad	Inplant training			2 months
44	Vikas Prasad	2018-19	Prem Enterprises	Prem Enterprises,Aurangabad	Inplant training			2 months
45	Akash Dande	2018-19	Prem Enterprises	Prem Enterprises,Aurangabad	Inplant training			2 months
46	Manoj Phalke	2018-19	Prem Enterprises	Prem Enterprises,Aurangabad	Inplant training			2 months
47	Wakle Nitin	2018-19	Prem Enterprises	Prem Enterprises,Aurangabad	Inplant training			2 months
48	Dipali Subhash Raut	2018-19	Laxmi-Agni Components & Forgings Pvt. Ltd.	Laxmi-Agni Components & Forgings Pvt. Ltd.,Aurangabad	Inplant training	15/12/2018	30/12/2018	15 Days
49	Anuja I. Morwal	2018-19	Laxmi-Agni Components & Forgings Pvt. Ltd.	Laxmi-Agni Components & Forgings Pvt. Ltd.,Aurangabad	Inplant training	15/12/2018	30/12/2018	15 Days
50	Yash Rajendra Deore	2019-20	Aditya Engineering Aurangabad	Aditya Engineering Aurangabad	Inplant training	21 Dec.	5 Jan.2020	15 Days
51	Rathod Bhojraj L	2019-20	Innovetive Tolling Solution Aurangabad	Innovetive Tolling Solution Aurangabad	Inplant training	19 Sept.	19 Oct. 2019	1 Month
52	Shaikh Zishan Bashir	2019-20	Teletech Engineering Pvt. Ltd. Aurangabad	Teletech Engineering Pvt. Ltd. Aurangabad	Inplant training	13 Oct.	12 Nov. 2019	1 Month
53	Shaikh Asif Baksh Azim Baksh	2019-20	Teletech Engineering Pvt. Ltd. Aurangabad	Teletech Engineering Pvt. Ltd. Aurangabad	Inplant training	13 Oct.	12 Nov. 2019	1 Month
54	Modhe Pooja Ganesh	2019-20	Starways Engineering Pvt. Ltd. Aurangabad	Starways Engineering Pvt. Ltd. Aurangabad	Inplant training	3-Sep	03 Oct. 2019	1 Month
55	Sudam Tukaram Shinde	2019-20	N. B. Enterprises Aurangabad	N. B. Enterprises Aurangabad	Inplant training	20 Dec.	5 Jan. 2020	15 Days
56	Sanket Shivhari Shinde	2019-20	Ravindra Engineering Aurangabad	Ravindra Engineering Aurangabad	Inplant training	19 Dec.	2 Jan.2020	15 Days
57	Madhavi Santosh Mahargude	2019-20	Proton Electromotors Aurangabad	Proton Electromotors Aurangabad	Inplant training	20 Dec.	4 Jan. 2020	15 Days
58	Pawar Shubham Bapu	2019-20	EXTRON PEB SOLUTIONS PVT. LTD.	EXTRON PEB SOLUTIONS PVT. LTD.,Aurangabad	Inplant training			2 months
59	Pingle Samadhan Balaahab	2019-20	EXTRON PEB SOLUTIONS PVT. LTD.	EXTRON PEB SOLUTIONS PVT. LTD.,Aurangabad	Inplant training			2 months
60	Pawar Krishna Subhash	2019-20	EXTRON PEB SOLUTIONS PVT. LTD.	EXTRON PEB SOLUTIONS PVT. LTD.,Aurangabad	Inplant training			2 months

Sr. No.	Name of the Student	Academic Year	Title of Inplant Report	Name of Company	Type of Report	Duration		Total Duration
					Inplant / Mini Project	From	To	
61	Swaraj Nanasahab Chavan	2019-20	Mauli PATTERN	Mauli PATTERN,Aurangabad	Inplant training	19/12/2019	1/1/2020	14 Days
62	Akash R. Prajapati	2019-20	RAVINDRA ENGINEERING	RAVINDRA ENGINEERING,Aurangabad	Inplant training	19/12/2019	2/1/2020	14 Days
63	Sanket Shinde	2019-20	RAVINDRA ENGINEERING	RAVINDRA ENGINEERING,Aurangabad	Inplant training	19/12/2019	2/1/2020	14 Days
64	Ajay Barbaile	2019-20	RAVINDRA ENGINEERING	RAVINDRA ENGINEERING,Aurangabad	Inplant training	19/12/2019	2/1/2020	14 Days
65	Swapnil Chetan Lahane	2019-20	Liebherr Appliances India Pvt. Ltd.	Liebherr Appliances India Pvt. Ltd.,Aurangabad	Inplant training			15 days
66	Pawar Purushottam G.	2019-20	Innovative Tooling Solution	Innovative Tooling Solution,Aurangabad	Inplant training	19/09/2019	19/10/2019	1 Month
67	Yashwant Bawale	2019-20	Manufacturing Process of Paper Core & Tube	J.K.Tube Industries,Aurangabad	Inplant training	15/11/2019	15/12/2019	1 Month
68	Nitin Baban Kenjale	2019-20	Case study to eliminate leakages from castings manufactured by Gravity Die casting Process	Vedanta Metal Products,Pune	Inplant training	1/10/2019	31/10/2019	21 Days
69	Krishna Ramesh Funde	2019-20	Process of All Kinds Of Scrap Merchant	Aastara Trading Co.,Aurangabad	Inplant training	18/12/2019	5/1/2020	
70	Shaikh Arshad Isak	2019-20	Progressive Storage Solutions (P) LTD.	Progressive Storage Solutions (P) LTD.,Aurangabad	Inplant training	12/5/2019	12/7/2019	
71	Mansi Sunil Kulkarni	2019-20	Costing and cost estimation at PPC	Vedanta Metal Products,Pune	Inplant training	1/10/2019	31/10/2019	
72	Popat R. Khadke	2019-20	Total Productive Maintainance	Chaitanya Enterprises,Aurangabad	Inplant training	5/12/2019	5/1/2020	
73	Pavan Babasaheb Gite	2019-20	Endurance complete solutions	Endurance complete solutions,Aurangabad	Inplant training			2 months
74	Akash Sanjay Khambat	2019-20	Tool room job work & maintenance job work	Aditya Engineering,Aurangabad	Inplant training	21/12/2019	5/1/2020	
75	Borkar Krishna R	2019-20	Innovative Tooling Solution	Innovative Tooling Solution,Aurangabad	Inplant training	19/09/2019	16/10/2019	
76	Pankaj V. Wable	2019-20	Innovative Tooling Solution	Innovative Tooling Solution,Aurangabad	Inplant training	19/09/2019	16/10/2019	
77	Diksha Hirele	2019-20	Innovative Tooling Solution	Innovative Tooling Solution,Aurangabad	Inplant training	19/09/2019	16/10/2019	
78	Tarde Pratiksha Rangnath	2019-20	Innovative Tooling Solution	Innovative Tooling Solution,Aurangabad	Inplant training	20/12/2019	30/12/2019	
79	Shivling Devidasrao Sundge	2019-20	Vedanta Metal Products	Vedanta Metal Products,Pune	Inplant training			2 months
80	Praffula Prakash Gajare	2019-20	Vedanta Metal Products	Vedanta Metal Products,Pune	Inplant training			2 months



# ADITYA ENGINEERING

Plot No.A-37, MIDC Waluj Aurangabad- 431 136.

Mail ID: aditya.engineering@rediffmail.com Mob.: 9923085851, 9922632354

Date: / /

## TO WHOMSEVER IT MAY CONCERN

This is to certify that Mr.AKASH SANJAY KHAMBAT has succesfully completed  
15 days internship program at ADITYA ENGINEERING (From 21 Dec 2019 To 5 Jan 2020)  
Dring this period He has worked with us and understood all working **TOOL ROOM JOB WORK &  
MAINTENANCE JOB WORK**

During his time with us we found him punctual, hardworking and inquisitive

We wish him every success in life

For ADITYA ENGINEERING

Thanking You





Vedanta Metal Products,  
Chakan Plant, Pune.

A REPORT ON THE INDUSTRIAL IN-PLANT TRAINING

BY

PRAFFULA PRAKASH GAJARE

SE-~~A~~ MECHANICAL ENGINEERING

SYCET-AURANGABAD

Under guidance of,

Mr. S N Rampure (HR)

A handwritten signature in blue ink, appearing to read 'Rampur', written over a horizontal line.

Mr. A R Patle (Quality Head)



Prof. *S Simple Sir*  
(SYCET Teacher guide)

Prof. *G Dhage Sir*  
(HOD Mechanical)



## CERTIFICATE

This is to certify that Mr. Abhijeet B Biradar has successfully completed Industrial Training during the period from 28.11.2018 to 29.12.2018 in our Industry as a Fulfillment of Degree of Bachelor of Technology in Mechanical. He was trained in the field of High Pressure Die Casting and Machining operations.

Signature & Seal of Training Manager

**Extron PEB Solutions Pvt. Ltd.**

Office & Company : Gat No. 24, Bhendala Shivar, Nagar High way, Gangapur Phata, Tq. Gangapur, Dist. Aurangabad.  
Contact : +919860636265, +91992322888 E-mail : extronpeb@gmail.com Visit Us : www.extronpeb.com

Date: 15 Jan 2019

**TO WHOM SO EVER IT MAY CONCERN**

This is certify that Mr. Ashish Bhagwan Rakde student of Shreeyash collage of Engineering and Technalogy , Aurangabad has successfully completed In-plant training in our plant from 15 Dec 2018 to 15 Jan 2019.

We have found him to be sincere, dedicated, discipline and hard working he worked well as part of a team during his tenure. We wish him all the best for his future endeavors.

FOR EXTRON PEB SOLUTIONS,

*S. Banakar*  
EXTRON PEB SOLUTIONS PVT.LTD.

**DIRECTOR**





SHREEYASH PRATISHTHAN'S  
**SHREEYASH COLLEGE OF ENGINEERING & TECH**  
**AURANGABAD**



This is to certify that Implant Training Report of

**"PREM INTERPRISES WALUJ MIDC ."**

Has been submitted by following students in second year Mechanical Engineering for the partial fulfilment of B. TECH MECHANICAL ENGINEERING" of Babasaheb Ambedkar Technological University, Lonere, is record of their own work carried out by them during academic session 2018-2019

**Submitted By**

Mr. Akash Rathod

Mr. Vikas Prasad

Mr. Akash dande

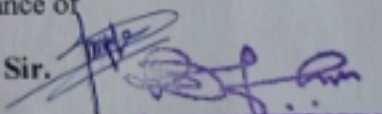
Mr. Manoj phalke

Mr. Wakle Nitin

Under the Guidance of

**Prof.Shimple Sir.**

  
(H.O.D)

  
(Principal)

(Department of Mechanical Engineering)

(S.Y.C.E.T Aurangabad)



**SHREEYASH COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**AURANGABAD**

**In-Plant Training Report**  
**on**  
**"LAXMI AGNI COMPONENTS AND FORGINGS PVT. LTD.,**  
**WALUJ MIDC, AURANGABAD "**

**By**  
**DIPALI S. RAUT**  
**ANUJA I. MORWAL**

**Submitted in partial experience of the requirement for the**  
**Mechanical Engineering**





# LAXMI-AGNI

COMPONENTS & FORGINGS PVT. LTD.

Precision Forged, Machined Components & Assemblies

CIN NO. : U34306MH2003PTC140578



B-37, M.I.D.C., Industrial Area, Waluj, Aurangabad-431136, M.S. India. Tel : +91 240 2563251, 2563252 Fax : +91 240 2472185, Email : info@laxmiagni.com

DATE:-30.12.2018

## INPLANT CERTIFICATE

1 NAME OF INPLANT TRAINEE	MISS. DIPALI SUBHASH RAUT
2 DEPARTMENT	QUALITY
3 DATE OF INPLANT	15-12-2018
4 DATE OF COMPLETION	30-12-2018
5 DUES	NIL
6 CONDUCT	GOOD

FOR LAXMI AGNI COMPONENTS AND FOTGINGS PVT LTD

  
AUTHORISED SIGNATORY

## COMPANY CERTIFICATE



• Tax Advisors • Accounting Services • Financial Planners  
518, 6th Floor, Amanora Chambers, Hadapsar, [redacted] India.  
Email : sjfinanceadvisors@gmail.com

### INTERNSHIP CERTIFICATE

Date: - 31/12/2018

This is to certify that **Amol B. Rathod**, MBA student of **Shreeyash Colleg of Engineering and Technology**, he has successfully completed his internship with SJ ADVISORS during the period 14 July 2018 to 31 December 2018.

During the period, he handled various assignments in the field of Finance and taxation.

Amol had undertaken a **“A Study on Comparative Analysis of Sectoral Mutual Fund”**

During the course of internship, Anil has shown great amount of responsibility, sincerity and a genuine willingness to learn and zeal to take on new assignments & challenges. In particular, his coordination skills and communication skills are par excellence and his attention to details is impressive.

We wish him all the very best for his future.

With regards,

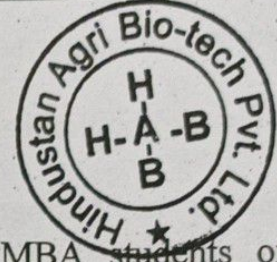
*Sagar J*  
For SJ ADVISORS  
(Founder)





# Hindustan Agri Bio-Tech Pvt.Ltd.

## CERTIFICATE



This is certify that **Mr. Adesh Dagduba Dandge** MBA students of Shreeyash College of Aurangabad. Has satisfactory completed the summer internship project at our Hindustan Agri Bio-Tech Pvt. Ltd. under guidance of Mr. Datta Jadhav (Hindustan Agri Bio-Tech Pvt. Ltd.).

He has successful completed the training on the project Title (In plant training) Field study on satisfaction level Hindustan Agri Bio-Tech Pvt. Ltd. in Aurangabad.

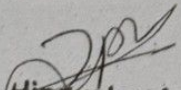
He has been working business development executives in our company from ~~20<sup>th</sup> May~~ <sup>20<sup>th</sup> 2<sup>nd</sup> June</sup> 2018 to 18<sup>th</sup> June 2018 during the time of this tenure we found her extremely resourceful & competent.

He is sincere and hardworking accomplished all his responsibilities on time.

Best wishes for his future endeavors.

Hindustan Agri Bio-Tech Pvt. Ltd.  
Aurangabad, Maharashtra (India)

Mr. Datta Jadhav

  
Hindustan Agri Bio-tech Pvt. Ltd  
Director  
Wadgaon MIDC Waluj,  
Aurangabad





# Mytri Bio Crop Science

Office : Plot No. 44, Sarve No.64, Rajive Gandhi Nagar,  
CIDCO, N-2, Aurangabad - 431 003. Mob.: 9975393880,9326503322  
E-mail : hiwalemytri@gmail.com Web Site : www.mytricrop.com  
Works : Gut No. 52, At. Post. Gavalishivara, Tq. Gangapur,  
Dist. Aurangabad-420702 (MS.) India.



## CERTIFICATE

To whomsoever it may concern

This is certify that Mr. Shankar Raghunath Jadhav MBA students of Shreyash Collage of engineering , Aurangabad, Has satisfactory completed the summer internship project at our Mytri bio crops science under guidance of Mr.Santosh adhaw [HR of Mytri bio crops science, Aurangabad, Maharashtra (India)]. He has successful completed the training on the project Titled [“Institutional sales division & Brand Marketing networking throughout Marathwada”] in Marathwada. He has been working business development executives in our company from 20nd sept 2018 to 18th oct 2018 during the time of this tenure we found her extremely resourceful & competent. He is sincere and hardworking accomplished all his responsibilities on time. Best wishes for his future endeavors.

Mytri Bio Crops Science PVT.LMT Aurangabad, Maharashtra (India)

Mr. Goraknath Hiwale

Director

Factory Add: Gut. No.251 , Sawangi Tq.Dist, Aurangabad 431008. [M.S]



Date : 29.06.2018

TO WHOM IT MAY CONCERN

This is to certify that Miss. Minal U Deole, a MBA student of department of MBA, Shreeyash college of Engineering and Technology, Aurangabad, has undergone training and completed training on "In plant training at M/S Genics Pharmaceuticals Private Limited".

She has carried out this project for "M/S Genics Pharmaceuticals Private Limited" from May 2018 to JUNE 2018.

In the span of project duration, her candidature was found to be very sincere and hardworking.

We wish her a bright future ahead.



U Deole

Director

M/S Genics Pharmaceuticals Private Limited





## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Anirudh Pandurang Dongre, a MBA-3<sup>rd</sup> Semester student of Department of MBA, Shreyash College of Engineering & Technology, Aurangabad, has undergone training and completed a project on Gajanan Motors pvt.Ltd.

He/ She has carried out this project for “ Gajanan Motors Pvt.Ltd.” from 02/05/2018 to 02/07/2018

In the span of project duration his candidature was found to be very sincere & hardworking.

We wish him a bright future.



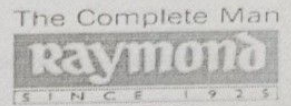
GENRAL MANAGER

Gajanan Motors Pvt. Ltd.

(Authorized Showroom the Hero Motocrop pvt. Ltd.)



Raymond Pvt. Ltd.



Date : 22.02.2019

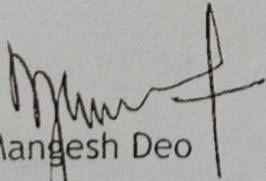
**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that Ms. Swati Chandrashekhar Hawale has successfully completed her internship in our organization from 05<sup>th</sup> January, 2019 to 22<sup>nd</sup> February 2019.

During her above training period we found her sincere & honest.

We wish her all the success in her future endeavours.

For Raymond Consumer Care Pvt. Ltd.

  
Mangesh Deo  
Asst. Manager - HR & Admin

CORPORATE OFFICE  
Raymond Complex,  
Pokharan Road No. 1  
Jaykegram, Thane (W) - 400 606  
Tel.: (022) 6152 7000  
Fax: (022) 6152 7752



K-249 A, MIDC Waluj,  
Aurangabad 431 136 (M.S.) India.

HCM/2018-19

30<sup>th</sup> Sep , 2018

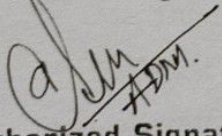
**CERTIFICATE**

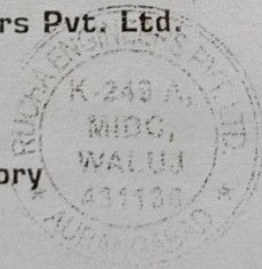
This is to certify that **Ms. Pooja Pawar (Shreeyash College of Engineering & Technology, Aurangabad)** has successfully completed his Project in our organization from 22<sup>nd</sup> May to 22<sup>nd</sup> July 2018.

During the tenure of project, we found her sincere & hardworking.

We wish her all success in her future endeavors.

**For RuCha Engineers Pvt. Ltd.**

  
Authorized Signatory



**RUCHA ENGINEERS PVT. LTD**

Regd. Office: 102, Om Residency, 850/7, Bhandarkar Institute Road, Shivaji Nagar, Pune 411 004 (M.S.) India  
Corp. Office: K-249 A, MIDC Waluj, Aurangabad 431 136 (M.S.) India  
ruchaeng.com | www.ruchaeng.com | PIN: 129299PM1957PT019939





# The Aurangabad District Central Co-op Bank Limited

Dr. Rajendra Prasad Road, Aurangabad 431005 P.B.232

Email ID :- [bank.adccb@gmail.com](mailto:bank.adccb@gmail.com), [banking.adccb@gmail.com](mailto:banking.adccb@gmail.com), [agri.adccb@gmail.com](mailto:agri.adccb@gmail.com)

Contact No. :- 0240-2334491/92, 2334983 Fax :- 0240-2334224

HO/ADM/EST/3519 /2018-19

Date: 18<sup>th</sup> August 2018

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Kalaskar Amit Kishor**, a MBA 3<sup>rd</sup> semester student of Department of MBA, Shreeyash College of Engineering & Technology, Aurangabad, has undergone training and completed a project on “**Aurangabad District central co-operative bank Ltd.( ADCC ), Aurangabad**”.

He has carried out this project for “**Aurangabad District central co-operative bank Ltd. (ADCC), Aurangabad**” from 15<sup>th</sup> June 2018 to 14<sup>th</sup> August 2018.

In the span of project duration his candidature was found to be very sincere & hardworking. We wish him a bright future.

For

**Aurangabad District central Co operative bank Ltd. (ADCC)  
Aurangabad**



## COMPANY CERTIFICATE



• Tax Advisors • Accounting Services • Financial Planners  
518, 6th Floor, Amanora Chambers, Hadapsar, **Aurangabad**, India.  
Email : [sjfinanceadvisors@gmail.com](mailto:sjfinanceadvisors@gmail.com)

### INTERNSHIP CERTIFICATE

Date: - 31/12/2018

This is to certify that **Anil S. Rathod**, MBA student of **Shreeyash Colleg of Engineering and Technology**, he has successfully completed his internship with VIAS GROUP during the period 14 July 2018 to 31 December 2018.

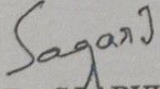
During the period, he handled various assignments in the field of agency provides many services to their customer and completing its 4 year successfully in advertising field.

Anil had undertaken a **“Study of Advertising Agency’s in India.”** .

During the course of internship, Anil has shown great amount of responsibility, sincerity and a genuine willingness to learn and zeal to take on new assignments & challenges. In particular, his coordination skills and communication skills are par excellence and his attention to details is impressive.

We wish him all the very best for his future.

With regards,

  
For SJ ADVISORS  
(Founder)





# Certificate

December 30/12/2019

This is to certify that **TELANGE SANTOSH DATTA** has successfully completed internship training on Wiring Fitting from 02/12/2019 to 28/12/2019 **Zen Events & Promotions, Pune.** working on events Programs on the field work wiring & fitting.

During him internship period we found him sincere. hardworking, technically sound and result oriented. He worked well as a part of a team.

Director

Sophia Anthony

ZEN EVNTS & PROMOTION

# ABHAY ELECTRONICS

## CERTIFICATE

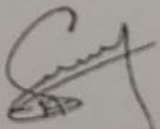
This is to certify that MR KIRAN MILIND NIKALJE worked as QUALITY INSPECTOR In During 22/12/2019 TO 09/01/2020 with our entire satisfaction During his working period we found him a sincere, honest, hardworking, dedicated employee with a professional attitude and very good job knowledge. He is amiable in nature and character is well. We have no objection to allow him in any better position and have no liabilities in our work.

We wish him every success in life

Sincerely,

ABHAY ELECTRONICS

Date : 09/01/2020

  
SIGNATURE & SEAL  
ABHAY ELECTRONICS  
WALUJ MIDC, AURANGABAD



Date: - 16/01/2020

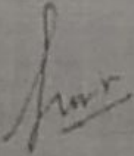
**TO WHOM IT MAY CONCERN**

This is to certify that Miss. Shravani Vitthal Pakhare a student of the B.tech from Shreeyash Collage Engineering & Technology Satara Parisar, Aurangabad. She has Successfully Completed Internship Training on Designing of Industrial Fire Safety System in Auto CAD Software from 23 Dec 2019 to 14 Jan 2020.

During the period of her internship program with us she was found punctual, hardworking & inquisitive.

We wish her every success in life.

For, Metro Fire Solution Private Limited.



Authorized Signatory,

Address: D-35 MIDC Waluj, Aurangabad (MH) 431136.

Contact: - +917558392061

E-mail:- metrofiremfs@gmail.com



# Certificate

December 09/01/2020

This is to certify that **VETAL BHARTI RAJENDRA** has successfully completed internship training on Wiring Fitting from 23/12/2019 to 08/01/2019 **Zen Events & Promotions, Pune.** working on events Programs on the field work wiring & fitting.

During her internship period we found she sincere, hardworking, technically sound and result oriented. She worked well as a part of a team.

A handwritten signature in black ink, appearing to read 'Sophia Anthony', written in a cursive style.

Director

Sophia Anthony

ZEN EVENTS & PROMOTION





# D.R.S. Group

Of Industries

*Get Smart With LED Lights*

\* Street Lights \* Flood Lights \* Tube Lights \* LED Bulb \* Panel Lights\*

Address: A-107/12, 5 Star MIDC, Shendra, Aurangabad-431154.

Email: drsgrouplight@gmail.com

Contact: 941033754, 9673890123, 9404108511.

Ref: NLP/DEC/2019/31

Date: 14/01/2020

## TO WHOM IT MAY CONCERN

This is to certify that Mr. **Bhaskar Punjaram Bhagat** a student of 2<sup>nd</sup> Year BE (Electronics Engineering) PRN No: 1921121372017 Shreeyash Engineering Aurangabad, BABASAHEB AMBEDKAR TECHNICAL UNIVERSITY, Chittagong, Bangladesh has successfully completed 15<sup>th</sup> Days (From 31st DEC, 2019 to 14th JAN, 2020) long internship program at **D.R.S. GROUP OF INDUSTRIES** Aurangabad. During the period of his internship program with us he was found punctual, hardworking and inquisitive.

We wish him every success in life.

For, D.R.S. GROUP OF INDUSTRIES

D.R.S. GROUP OF INDUSTRIES

Add. A-107/12, 5-Star MIDC Shendra,  
Aurangabad - 431 154

Contact : 9421033754, 9404108511  
Email : drsgrouplight@gmail.com

Authorized Signature

# ABHAY ELECTRONICS

## CERTIFICATE

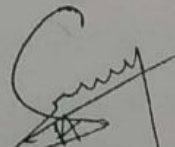
This is to certify that **MR ADHUDE AKSHAYKUMAR LAXMAN** worked as **QUALITY INSPECTOR** In During **22/12/2019 TO 09/01/2020** with our entire satisfaction During his working period we found him a sincere, honest, hardworking, dedicated employee with a professional attitude and very good job knowledge. He is amiable in nature and character is well. We have no objection to allow him in any better position and have no liabilities in our work.

We wish him every success in life

Sincerely,

**ABHAY ELECTRONICS**

Date : 09/01/2020

  
**ABHAY ELECTRONICS**  
**WALUJ MIDC, AURANGABAD**  
SIGN. AND SEAL





Date: - 08<sup>th</sup> Jan 2020

WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Sampada Vilas Shejwal a student of B Tech from Shreeyash Collage Engineering & Technology, Satara parisar Aurangabad. She has successfully completed the In-plant Training in our organization, from 24<sup>th</sup> Dec 2019 to 07<sup>th</sup> Jan 2020.

During the period of In-plant Training, we found her to be sincere and having good grasping power. We wish her all the best in her future endeavors.

For, Metalman Auto Private Limited.

Authorised Signatory.

**METALMAN AUTO (P) LTD.**  
PLANT : B-30-31, MIDC, Waluj,  
Aurangabad - 431136, India.  
t : +91 0240 - 6652444

REGISTERED OFFICE : 8, 3rd Floor, Portion 'B', Plot No. S-533,  
Greater Kailash - II, New Delhi, Delhi, India, 110048  
e: info@metalmanauto.com CIN No. U34103DDL2000PTC0305213



www.metalmanauto.com



# Certificate

December 09/01/2020

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This is to certify that **SAMRUT PRAGATI RAJENDRA** has successfully completed internship training on Wiring Fitting from 23/12/2019 to 08/01/2019 **Zen Events & Promotions, Pune.** working on events Programs on the field work wiring & fitting.

During her internship period we found she sincere. hardworking, technically sound and result oriented. She worked well as a part of a team.

A handwritten signature in black ink, appearing to read "Sophia Anthony", with a horizontal line underneath.

**Director**

**Sophia Anthony**

**ZEN EVENTS & PROMOTION**





# Certificate

December 09/01/2020

---

This is to certify that **BHAGADE KOMAL ANNABHAU** has successfully completed internship training on Wiring Fitting from 23/12/2019 to 08/01/2019 **Zen Events & Promotions, Pune.** working on events Programs on the field work wiring & fitting.

During her internship period we found she sincere. hardworking, technically sound and result oriented. she worked well as a part of a team.

**Director**

**Sophia Anthony**

**ZEN EVENTS & PROMOTION**



**MAHATMA GANDHI MISSION'S  
CONSTRUCTION DEPARTMENT, AURANGABAD**

MGM CAMPUS, N-6, CIDCO, AURANGABAD-431003, PH.: 0240-6601100, 6601294, FAX : 0240-2487727

**CERTIFICATE**

This is certify that Mr. **Joshi Ashish Rajendra** pursuing his civil Engineering **Third Year** has successfully completed Inplant training at Under Construction **MGM Campus** building From **17/06/2019** to **30/06/2019**.

We found his sincere, hardworking technically sound and result oriented. He worked well as a part of a team during his tenure, we take this opportunity to thank him and wish him all the best for future.

Name:

  
M.V. Gaikwad

Designation: Chief Engineer (MGM)

Place : Aurangabad

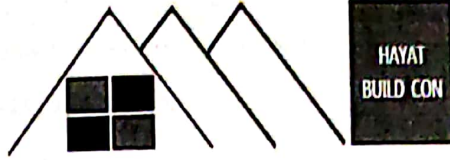
Date :

Office Stamp





HAYAT BUILDCON



Date :01-07-2019

**TO WHOME IT MAY CONCERN**

This is certify that **MR KHAN MUSHAHED JAWID** Is Successfully completed Fifteen days training in our Firm at Aakar Residency Mitmita Aurangabad. in between 16-6-2019 To 30-06-2019.

His performance Was found to be satisfactory and we wish him success in future endeavours.

Yours sincerely,  
Hayat Buildcon Builders & Developers

Proprietor

Signature

Name- Muzammil Shaikh

Contact- 92253-07683

Shop No.1, Roop Mahel, Laber Colony, Fazilpura, Aurangabad - 431001



## Shri Mahalaxmi Construction

Plot no 48 Shriniketan Colony Behind  
Amarpreet Hotel Jalna Road  
Aurangabad-431001  
Phone no 0240-2336523  
E-mail- shrimahalaxmico01@gmail.com

### CERTIFICATE

This is to certify that **Mr. Kartik Rajendra Jagtap** pursuing his CIVIL Engineering in 3<sup>rd</sup> yr has successfully completed inplant training at our under construction of a Building on Plot No.32, Meera Naga, Padegaon Aurangabad from 17.06.2019 to 30.06.2019

We found him sincere, hardworking, technically sound and result oriented. He worked well as a part of team during his tenure, We are thankful for him and wish him a bright future.

Name: Er. Kailas Sonwane \*

Designation:- Civil Engg.

Place:- Aurangabad

Date:-

**Er. KAILAS L. SONWANE**  
BE Civil  
Regd. No. E-577/2014  
Consulting Civil Engineer,  
Designer, Planner  
Mobile No. 94049XXXXX



B / 13 & 14, Avanti Apt.,  
Naridas Nagar,  
Shimpoli Road, Borivali (W),  
Mumbai - 400 092.

  
**D.B. INFRATECH**

Tele. No. : 022-28994608  
Mob. No. : 9920251063  
9920235229  
E mail : dbinfratech@gmail.com

Date-27/2019

## CERTIFICATE

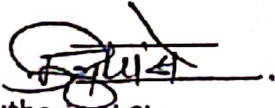
This is certify that Mr./Mrs.Bhise Ajaykumar Rameshrao is successfully completed fifteen day training in our organization in between (16/06/2019-30/06/2019) Roll no-3078

His performance is found to be satisfactory and We wish his success in future endeavors.

'Thanking you'

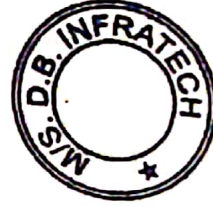
Regards,

M/S ,D.B.Infratech



Authorized Signator

**M/S D.B. INFRATECH**



# M/s. SHRINIWAS ASSOCIATES

Office- Plot no: F 25, "Samarth Sankul", Near 12th Scheme, Shivaji Nagar, CIDCO,  
GarkhedaParisar, Aurangabad.431005

Website: www.shriniwasvastunirman.com  
Email ID: shriniwasvastunirman@gmail.com

DATE: 15-NOV-2019

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that, MR/MRS. Khurat Yash Vinash,  
pursuing his B. E. in Civil Engineering, has successfully completed In-Plant Training  
at SHRINIWAS ASSOCIATES, AURANGABD. He/she was present at site for 08 days  
during period 15-Jun-2019 to 30-Jun-2019.

We found him/her sincere, hardworking, technically sound and result oriented.  
He/she worked well as part of team during his/her tenure. We take this opportunity to  
thank him/her and wish him/her all the best for his future.

SHRINIWAS ASSOCIATES

*[Handwritten Signature]*

PARTNER

SHRINIWAS ASSOCIATES

AUTHORISED SIGNATORY





# G.N.Tapdiya

**Government Contractor Class I**

Outward No.

Date :- 03/02/2019

## CERTIFICATE

This is certify that Mr.Khatib Mohmad Mazharuddin Mohmad Azharuddin Student of Second year B.Tech (Civil) from Shreeyash college of engineering and technology Aurangabad having registration No.20211220181119110132 Has attended my office from 01/01/2019 to 31/01/2019 as part of Industrial Training During this period he was visiting the ongoing project sites in varios road project seen in Taluka At Gangakhed,Sonpeth,Palam Dist.Parbhani.

I found him very sincere.So such issued Certificate.



**G.N. Tapdiya**  
Govt Contractor

Office : Tapdiya Builders & Developers Tapdiya Complex Parli Road: Gangkhed Dist: Parbhani-431514  
Ph.(02453)-222258, 222740 Email : gopaldastapdiya@gmail.com



# Shreeyash Pratishthan's

Shreeyash College of Engineering & Technology | MBA (DTE Code : 2112)

Shreeyash Polytechnic (DTE Code : 2173)

Shreeyash Institute of Pharmacy (DTE Code : 2588)

Shreeyash Institute of Pharmaceutical Education & Research (DTE Code : 2572)

Ref.: SYCET / Admin - 2019 - 443

Date: 15/11/19

## CERTIFICATE

This is certify that **Mr. Shaikh Abrar Shaikh Sajid** (Roll No-2048) pursuing his Civil Engineering 2<sup>nd</sup> year has successfully completed In plant Training under construction and maintenance at **Shreeyash Pratishthan's** Campus Buildings From **15<sup>th</sup> June 2019 to 30<sup>th</sup> June 2019**

We found his sincere Hardworking Technically sound and Result oriented. He worked well as a part of a team during his tenure. We take this opportunity to him and Wish him all the best for future

Place:- Aurangabad

Date:- 15/11/2019



Mr. D. S. Pawar

Project Incharge

Shreeyash Pratishthan's

Satara Parisar

Aurangabad-431001





# ANIL M. AGRAHARKAR ENGINEERS & DEVELOPERS

08, Kautuk Complex, Agnihotra Chowk, Ulka Nagari Road, Aurangabad - 431005. Ph.: 0240 - 2320212  
Cell : 9325214580, Email : anilagraharkared2011@gmail.com

Date : - 01/07/2019

## CERTIFICATE

This is certify that Mr./Mrs. Ingle Anantshil Atmaram is successfully completed fifteen days training in our organisation in between (16/06/2019 - 30/06/2019)

His performance is found to be satisfactory and we wish him success in future endeavours.

Thanking You.

Anil M. Agraharkar (Engineers And Developer's)

Authorised Signatory



ANIL M. AGRAHARKAR  
"ENGINEERS & DEVELOPERS"

8, Kautuk Complex, Behind Vrundavan Sweets,  
Opp. Dr. Ashputre Hospital, Ulkanagari Road,  
Aurangabad - 431 005. Ph: 0240 - 2320 12



SHREEYASH PRATISHTHAN'S  
**SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY**  
SataraParisar, Beed By-Pass Road, Aurangabad -431010 (M.S.)  
NAAC Accredited, ISO Certified Institute  
Visit Us at: [www.sycet.org](http://www.sycet.org)  
**2.5 EVALUATION PROCESS AND REFORMS**



## **TRANSPARENCY IN PERIODIC REVIEW OF ACADEMIC PROGRESS**



डॉ. बाबासाहेब आंबेडकर मराठवाडा विद्यापीठ,  
( नॅक समिती तर्फे "अ" दर्जा प्राप्त )

शैक्षणिक विभाग (०२४०)२४०३११८/२४०३११९  
कुलसचिव (का.) २४०३३३४ (नि.)२४००२०३  
फॅक्स : (०२४०) २४०३१२४, २४०३३३५  
म.व.वि.वि.म. (का) (०२४०) २४०३२२३  
Web Site-[WWW.bamu.net](http://WWW.bamu.net)  
E-mail: [bcud.office@bamu.ac.in](mailto:bcud.office@bamu.ac.in)



विद्यापीठ परिसर  
औरंगाबाद-४३१००४  
(महाराष्ट्र)

संदर्भ : शैक्ष/संलग/स्था. मा./२०१८-२०१९/ 12808

दिनांक:- २४-०१-२०१९

प्रति,  
सर्व संलग्नीत महाविद्यालय,  
डॉ.बाबासाहेब आंबेडकर मराठवाडा विद्यापीठ,  
औरंगाबाद

विषय:- शैक्षणिक मुल्यांकन (Academic Audit) करणे बंधनकारक असल्याबाबत.

संदर्भ:- महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम २०१६ नियम ११७.

महोदय/महोदया,

उपरोक्त विषयाच्या अनुषंगाने आपणास कळविण्यात येते की, संदर्भित नियमानुसार संलग्नीत महाविद्यालयाचे प्रत्येक तीन वर्षांतून किमान एकदा शैक्षणिक मुल्यांकन तपासणी करणे बंधन कारक आहे.

या अनुषंगाने विद्यापीठने संकेतस्थळावर महाविद्यालयाचे शैक्षणिक मुल्यांकन करण्याचा फॉर्म उपलब्ध करून देण्यात आलेला आहे.

सदरील मुल्यांकन फॉर्म दिनांक-५-०२-२०१९ पर्यंत विद्यापीठाच्या शैक्षणिक विभागात सर्व दस्तऐवजां सहीत हार्डकॉपी सादर करावी आणि सॉफ्ट कॉपी ही [dyregistrar.acad@bamu.ac.in](mailto:dyregistrar.acad@bamu.ac.in) या मेलवर सादर करणे बंधन कारक आहे.

एकदा भरलेला फॉर्म हा किमान तीन वर्षे वैध गणण्यात येणार आहे.

महाविद्यालयाचे शैक्षणिक मुल्यांकन करण्यास्तव रुपये २००००/- शुल्क आकारण्यात येते आहे.सदरील शुल्क कुलसचिव,डॉ.बाबासाहेब आंबेडकर मराठवाडा विद्यापीठ,औरंगाबाद, यांचे नावे बँक ऑफ महाराष्ट्र शाखा क्र.१५२ आयएसफ कोड MAHB ००००१५२ येथे खते क्र.६०१४५३३०३२३ या खात्यावर RTGS द्वारे जमा करून चलनाची प्रत लेखा विभागात दर्शवून लेखा विभागाची शुल्क भल्याची पावती फॉर्म सोबत जोडणे आवश्यक आहे.

महाविद्यालयाकडून प्राप्त झालेल्या अर्जाची छाननी करण्यात येऊन,गठीत शैक्षणिक मुल्यांकन समिती महाविद्यालयास तपासणीस प्रत्यक्ष भेट दिनांक १५ फेब्रुवारी ते १५ मार्च २०१९ दरम्यान देणार असून सदरील समिती भेटीचे वेळापत्रक दि.१० फेब्रुवारी २०१९ रोजी विद्यापीठ संकेत स्थळावर प्रसिध्द करण्यात येणार आहे. सदरील सदस्यांचे प्रवास आणि दैनिक भत्ता महाविद्यालयाकडून आकारण्यात आलेल्या शुल्का मधुन विद्यापीठ अदा करणार आहे.

आपला विश्वासु

उपकुलसचिव

(शैक्षणिक विभाग)

या पत्राची प्रत, मा.वित्त व लेखा अधिकारी डॉ.बाबासाहेब आंबेडकर मराठवाडा विद्यापीठ ,औरंगाबाद, यांना देण्यात येऊन कळविण्यात येते की उपरोक्त पत्रातील संदर्भानुसार या विद्यापीठाशी संलग्नीत महाविद्यालयाचे शैक्षणिक मुल्यांकन करण्यातची कार्यवाही सुरु करण्यात आलेली असून,सर्व महाविद्यालयाकरीता रुपये २००००/- शैक्षणिक मुल्यांकन शुल्क आकारण्यात येणार आहे.सदरील शुल्क योग्य त्या लेखाशिर्षांतर्गत जमा करण्याची योग्य ती कार्यवाही करावी ही विनंती.

उपकुलसचिव

(शैक्षणिक विभाग)



NAAC Reaccredited with 'A' Grade

**DR. BABASAHEB AMBEDKAR MARATHWADA  
UNIVERSITY, AURANGABAD**

**शैक्षणिक मुल्यांकन समिती  
Academic Audit Committee**

महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम २०१६ कलम ११७

*Certificate Of Academic Audit*

*The Executive Academic Audit Committee of  
Dr. Babasaheb Ambedkar Marathwada  
University, Aurangabad on the  
recommendation of the duly appointed  
Academic Audit committee is pleased to declare that  
Shreeyash Pratishthan's Shreeyash College of Engineering and  
Technology, Aurangabad  
has secured 202 marks  
with 'B' grade.  
valid up to only 15-03-2022*

*Date : 29-5-19*

*Aparna*  
Pro-Vice-Chancellor,  
Chairman





SHREEYASH PRATISHTHAN'S  
**SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY**  
SataraParisar, Beed By-Pass Road, Aurangabad -431010 (M.S.)  
NAAC Accredited, ISO Certified Institute  
Visit Us at: [www.sycet.org](http://www.sycet.org)  
**2.5 EVALUATION PROCESS AND REFORMS**



**TRANSPARENCY IN ASSESSMENT THROUGH ISO AUDIT**

# CERTIFICATE

Management system as per  
**ISO 9001 : 2015**

In accordance with TÜV NORD CERT procedures, it is hereby certified that

## **SHREEYASH PRATISHTHAN**

Shreeyash College of Engineering & Technology,  
Gut No. 258 (P), Satara Parisar, Near SRPF Camp,  
Aurangabad – 431 010, Maharashtra,  
India

and other locations as per Annexure

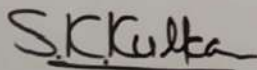


applies a management system in line with the above standard for the following scope

**Provision of Technical Education at undergraduate level in the branches:  
Mechanical Engineering, Civil Engineering, Electrical Engineering, Computer  
Science and Engineering, Electronics and Telecommunication Engineering.  
Provision of Technical Education at postgraduate level in the branches:  
Mechanical Engineering, Civil Engineering, Electronics and Telecommunication  
Engineering, Computer Science and Engineering and Master of Business  
Administration**

Certificate Registration No. 44 100 18391825  
Audit Report No. 2.5-6884/2015

Valid until 22.06.2021



Certification Body  
at TÜV NORD CERT GmbH

Issue 23.06.2018  
Place : **Mumbai**

This certification was conducted in accordance with the TÜV NORD CERT auditing and certification procedures & shall be valid subject to regular Surveillance Audits

TÜV NORD CERT GmbH

Langemarckstrasse 20

45141 Essen

[www.tuev-nord-cert.com](http://www.tuev-nord-cert.com)

TUV India Pvt. Ltd., 801, Raheja Plaza – 1, L.B.S. Marg,

Ghatkopar (W),

Mumbai - 400 086, India

[www.tuv-nord.com/in](http://www.tuv-nord.com/in)



Deutsche  
Akkreditierungsstelle  
D-ZM-12007-01-01



# ANNEXURE

Certificate Registration No. 44 100 18391825

ISO 9001 : 2015

Valid Until 22.06.2021

## SHREEYASH PRATISHTHAN

### OTHER LOCATIONS AT :

**1) Shreeyash Polytechnic**

Gut No. 258 (P), Satara Parisar,  
Near SRPF Camp, Aurangabad – 431 010,  
Maharashtra,  
India

**SCOPE**

Provision of Technical Education at Diploma level in the branches:

Mechanical Engineering, Civil Engineering,  
Electrical Engineering, Electronics and  
Telecommunication Engineering and  
Computer Engineering.

**2) Shreeyash Institute of Pharmacy**

Gut No. 258 (P), Satara Parisar,  
Near SRPF Camp, Aurangabad – 431 010,  
Maharashtra,  
India

**SCOPE**

Provision of Technical Education at  
Diploma level in Pharmacy.

**3) Shreeyash Institute of Pharmaceutical  
Education & Research.**

Gut No. 258 (P), Satara Parisar,  
Near SRPF Camp, Aurangabad – 431 010,  
Maharashtra,  
India

**SCOPE**

Provision of Technical Education at  
Diploma and Undergraduate level in  
Pharmacy

-:End of List:-

# CERTIFICATE

Management system as per

**ISO 9001 : 2015**

The Certification Body TÜV INDIA hereby confirms as a result of the audit, assessment and certification decision according to ISO/IEC 17021-1:2015, that the organization

**SHREEYASH PRATISHTHAN'S: SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY, SHREEYASH INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH, SHREEYASH INSTITUTE OF PHARMACY**  
Gut No.258 (P), Post-Satara Tanda, Near SRPF Camp,  
Aurangabad - 431 010,  
Maharashtra,  
India



operates a management system in accordance with the requirements of ISO 9001:2015 and will be assessed for conformity within the 3 year term of validity of the certificate.

Scope -

**SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY**

1: Provision of Technical Education at undergraduate level in the branches: Mechanical Engineering, Civil Engineering, Electrical Engineering, Computer Science and Engineering, Electronics and Computer Engineering.

2: Provision of Technical Education at postgraduate level in the branches: Mechanical Engineering, Civil Engineering, Electronics and Telecommunication Engineering, Computer Science and Engineering and Master of Business Administration.

3: Provision of Technical Education at diploma level in the branches: Mechanical Engineering, Civil Engineering, Electrical Engineering, Electronics and Telecommunication Engineering and Computer Engineering.

**SHREEYASH INSTITUTE OF PHARMACY**

Provision of Technical Education at diploma level in Pharmacy.

**SHREEYASH INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH**

Provision of Technical Education at diploma and undergraduate level in Pharmacy

Certificate Registration No. **QM 03 02864**

Audit Report No. **Q 10964/2021**

Valid from **18.10.2021**

Valid until **22.06.2024**

Initial certification **23.06.2018**



Certification Body

at TÜV INDIA PVT. LTD.

Mumbai, **18.10.2021**

TUV India Pvt. Ltd., 801, Raheja Plaza – 1, L.B.S. Marg, Ghatkopar (W), Mumbai - 400 086, India [cert.helpdesk@tuvindia.co.in](mailto:cert.helpdesk@tuvindia.co.in)

