
	ZEAL EDUCATION SOCIETY'S ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE PUNE -41 INDIA	
Record No.: ZCOER-ACAD/R/	Revision: 00	Date:01/04/2021

Internal Assessment Process

Following procedure is followed by the department for evaluate the internal assessment as per guidelines of Institute.

Class Test

- The class test consists of 30 Marks of subjective questions covering at least two module. Mapping of two COs is done with relevant units.
- While setting the question papers, the questions are designed on different topics of syllabus using the Bloom's taxonomy. The questions are mainly prepared based on the Course Outcomes. Care is taken to address all six COs in a semester through question set for two class tests.
- Every course has a coordinator who is responsible to set the question paper. The course coordinator is responsible for analyzing the quality and pattern of question paper. (sample paper attached)

Term work:


Term work components are conducted as per Savitribai Phule Pune University (SPPU) guidelines. Weekly continuous assessment, mid-term submission, assignments are evaluated time to time to finalize the term work score of the student. (Sample attached)

Practical/Oral Examination

These are conducted jointly by internal and external examiner appointed by SPPU. Students are evaluated through practical performance, oral questions, / demonstration. Final marks are uploaded on SPPU portal by internal examiner and approved by external examiner. (Sample Attached)

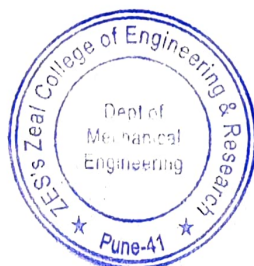
In-Sem Examination

In-Sem examination is conducted on at least 2 units of the syllabus or SPPU guideline related to syllabus. The examination is conducted at institute level as per SPPU examination time-table. The evaluation is done by appointed examiner as per answer key provided by SPPU. Examiner uploads In-sem marks on SPPU portal (Sample Attached).


**Departmental Examination
Coordinator**


Academic Coordinator


Head of Department





ZEAL EDUCATION SOCIETY'S
ZEAL COLLEGE OF ENGINEERING AND RESEARCH
NARHE | PUNE -41 | INDIA



Record No.: ZCOER-ACAD/R/19F

Revision: 00

Date: 01/04/2021

Term Work/ Oral/ Practical Evaluation

Department: Mechanical Engineering

Semester : I

Class: TE Div. B, Batch - 2

Subject: Skill Development

Sr. No.	Roll No.	Name of Student	Attendance Theory	Class Tests	Assignments - Industry Visit	Mid-term submission	Continuous Assessment	TW/OR/ PR Marks
			Out of 10	Out of 05	Out of 05	Out of 10	Out of 20	Out of 25
1	0	KULKARNI PRATHMESH MA	3	0	0	AB	0	2
2	T612027	KHARADE TRUPTI SAMPAT	6	3	5	7	17	20
3	T612028	ROHIT RAJU KHIRADE	2	2	2	5	13	12
4	T612029	KHOPA DE DASHARATH PAN	9	3	5	9	18	22
5	T612030	KHOPATKAR AMIR ASHFAQ	8	3	5	8	17	21
6	T612031	KHULE HARSHAL SUNIL	9	3	5	9	18	22
7	T612032	KODAG UMESH DHANAJI	9	2	5	9	17	22
8	T612033	KOKITKAR SAHIL SHANKAR	10	3	5	10	18	23
9	T612034	KOLE TEJAS ANIL	9	3	5	9	17	22
10	T612035	KOLI PRANAV MALLESHA	8	3	5	8	18	21
11	T612036	KOLTE RUSHIKESH BAPURA	6	4	5	7	17	20
12	T612037	KONGARI KUNAL GANESH	6	3	5	7	16	19
13	T612038	KORVEKAR CHINMAY CHAN	8	4	5	8	17	21
14	T612039	KSHIRSAGAR ONKAR SHRIK	5	4	5	6	17	19
15	T612040	KUDALE BHAVESH MAHEND	9	4	5	9	18	23
16	T612041	KULKARNI ARPITA MAHESH	8	3	5	9	17	21
17	T612043	KUMBHAR SOHAM DEVIDAS	6	3	5	7	16	19
18	T612044	KURIL ABHISHEK SHIVDAS	0	3	4	5	15	14
19	T612045	KURUPKAR SAIEM MUSTAFA	6	2	1	4	13	14
20	T612046	LAGAD OM SANDEEP	6	1	5	7	17	19
21	T612047	LATAKE SOURAV SUDHIR	10	4	5	9	18	23
22	T612048	LOHAR PRASHANT DNYANE	2	2	5	2	12	12
23	T612049	MAHAGAONKAR AASAWAR	2	3	6	6	15	16
24	T612050	MAHAJAN BHARAT NAVNAT	5	2	6	4	12	15
25	T612051	MALI NAGESH DATTATRAYA	5	3	7	6	17	19
26	T612052	MANDAVKAR PAVAN SAMBI	6	3	7	7	17	21

Lab course faculty

Academic Coordinator

Head of Department/FE Coordinator





**ZEAL EDUCATION SOCIETY'S
ZEAL COLLEGE OF ENGINEERING AND
RESEARCH
NARHE | PUNE -41 | INDIA**



Record No.: ZCOER-ACAD/R/16K

Revision: 00

Date: 01/04/2021

Class Test –II

Department: Robotics & Automation Semester: I

Academic Year: 2022-2023

Class and Div.: TE B

Date:

Course: Numerical statistics & Method

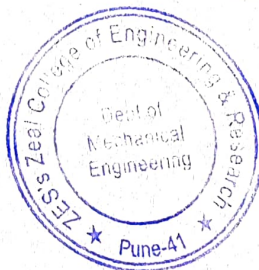
Maximum Marks: 70

Duration: 2 Hrs 30 Mins

General Instructions (If any):

1. Qu.1 or Qu.2 , Qu.3 or Qu.4, Qu.5 or Qu.6 and Qu.7 or Qu.8
2. Neat diagrams must be drawn whenever necessary.
3. Figures to the right indicate full marks.
4. Use of calculator is allowed.
5. Assume suitable data whenever necessary.

Question No.	A/B	Question	Marks	CO	Blooms Level												
Q1	A	Find $\int_0^{\pi} \sin x \, dx$ by two and three point Gauss quadrature formula.	08	CO 3	4												
	B	Evaluate $\int_{1.0}^{1.5} \sqrt{x} \, dx$ taking $h=0.05$ by Trapezoidal rule.	09	CO 3	4												
OR																	
Q2	A	Apply Simpson's rule to find the values of $f(x)$ at equal intervals of x	08	CO 3	4												
	<table border="1" style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="padding: 2px;">x</td> <td style="padding: 2px;">0</td> <td style="padding: 2px;">0.5</td> <td style="padding: 2px;">1.0</td> <td style="padding: 2px;">1.5</td> <td style="padding: 2px;">2.0</td> </tr> <tr> <td style="padding: 2px;">$f(x)$</td> <td style="padding: 2px;">0.399</td> <td style="padding: 2px;">0.352</td> <td style="padding: 2px;">0.242</td> <td style="padding: 2px;">0.129</td> <td style="padding: 2px;">0.054</td> </tr> </table>					x	0	0.5	1.0	1.5	2.0	$f(x)$	0.399	0.352	0.242	0.129	0.054
x	0	0.5	1.0	1.5	2.0												
$f(x)$	0.399	0.352	0.242	0.129	0.054												
		Evaluate $\int_0^2 f(x) \, dx$ using Simpson's 3/8 rule															
	B	Growth of between (N) in a culture after t hours is given in following table:	09	CO 3	4												
	<table border="1" style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="padding: 2px;">T</td> <td style="padding: 2px;">0</td> <td style="padding: 2px;">1</td> <td style="padding: 2px;">2</td> <td style="padding: 2px;">3</td> <td style="padding: 2px;">4</td> <td style="padding: 2px;">5</td> <td style="padding: 2px;">6</td> </tr> <tr> <td style="padding: 2px;">N</td> <td style="padding: 2px;">32</td> <td style="padding: 2px;">47</td> <td style="padding: 2px;">65</td> <td style="padding: 2px;">92</td> <td style="padding: 2px;">132</td> <td style="padding: 2px;">190</td> <td style="padding: 2px;">275</td> </tr> </table>					T	0	1	2	3	4	5	6	N	32	47	65
T	0	1	2	3	4	5	6										
N	32	47	65	92	132	190	275										
		Fit a curve of the form $N= ab^t$ and estimate N when $t=4.5$ and $t=7$.															
Q3	A	Use least square regression to fit a straight line to the data given below:	09	CO 4	4												
	<table border="1" style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="padding: 2px;">X</td> <td style="padding: 2px;">1</td> <td style="padding: 2px;">2</td> <td style="padding: 2px;">3</td> <td style="padding: 2px;">4</td> <td style="padding: 2px;">5</td> <td style="padding: 2px;">6</td> <td style="padding: 2px;">7</td> </tr> <tr> <td style="padding: 2px;">Y</td> <td style="padding: 2px;">0.5</td> <td style="padding: 2px;">2.5</td> <td style="padding: 2px;">2.0</td> <td style="padding: 2px;">4.0</td> <td style="padding: 2px;">3.5</td> <td style="padding: 2px;">6.0</td> <td style="padding: 2px;">5.5</td> </tr> </table>					X	1	2	3	4	5	6	7	Y	0.5	2.5	2.0
X	1	2	3	4	5	6	7										
Y	0.5	2.5	2.0	4.0	3.5	6.0	5.5										
	B	The observed values of a function are respectively 168, 120, 72 and 63 at the four positions 3, 7, 9 and 10 at the independent variable. What is the best estimate for the value of the function at the variable 6?	09	CO 4	4												
OR																	
Q4	A	A material is tested for cyclic fatigue failure whereby a stress in MPa is applied to the material and the no. of cycles needed to cause failure is measured. The	09	CO4	4												



results are in the below :

N, Cycles	1	10	100	1000	10000	100000	1000000
σ	1131	1058	993	801	651	562	427

When a log-log plot of stress versus cycles is generated, the data trend shows a linear relationship (straight line). Use the method of least squares to find the equation of that straight line.

B Calculate $\int_{0.5}^{0.7} e^{-x} x^{\frac{1}{2}} dx$ taking 5 coordinates by Simpson's $\frac{1}{3}$ rule

09 CO 4 4

Q5 A For the following distribution, find
i) Arithmetic Mean
ii) Standard deviation
iii) First 4 Moment about mean

08 CO 5 4

X	2	2.5	3	3.5	4	4.5	5
F	1131	1058	993	801	651	562	427

B The given distribution shows the number of runs scored by some top batsmen of the world in one-day international cricket matches.

09 CO 5 4

Run Scored	Number of Batsman
3000-4000	4
4000-5000	18
5000-6000	9
6000-7000	7
7000-8000	6
8000-9000	3
9000-10000	1
10000-11000	1

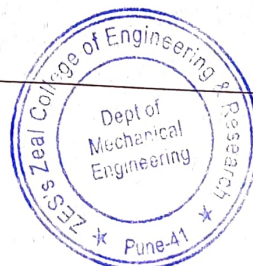
Find the mode of the above distribution.

OR

Q6 A Calculate Karl Pearson's co-efficient of Skewness from the following grouped data

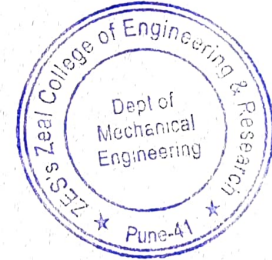
08 CO 5 4

Class	Frequency
0 - 2	5
2 - 4	16
4 - 6	13
6 - 8	7
8 - 10	5
10 - 12	4



	B	<p>The consumption of number of guava and orange on a particular week by a family are given below.</p> <table border="1"> <tr> <td>Number of Guayas</td> <td>3</td> <td>5</td> <td>6</td> <td>4</td> <td>3</td> <td>5</td> <td>4</td> </tr> <tr> <td>Number of Oranges</td> <td>1</td> <td>3</td> <td>7</td> <td>9</td> <td>2</td> <td>6</td> <td>2</td> </tr> </table> <p>Find Coefficient of variation, Standard deviation, Variance</p>	Number of Guayas	3	5	6	4	3	5	4	Number of Oranges	1	3	7	9	2	6	2	09	CO 5	4
Number of Guayas	3	5	6	4	3	5	4														
Number of Oranges	1	3	7	9	2	6	2														
Q7	A	A microchips company has machines that produce the chips Machine I produces 65% of the chips, but 5% of its chips are defective. Machine II produces 35% of the chips and 15% of its chips are defective. A chips is selected at random and found to be defective. What is the probability that it came from Machine I?	09	CO 6	4																
	B	An insurance company insured 2000 bike drivers, 400 car drivers and 6000 truck drivers. The probability of an accident involving a bike driver, a car driver and truck driver is 0.10,0.03and 0.15 respectively .One of the insured person meets with an accident. What is the probability that he is a bike driver?	09	CO 6	4																
		OR																			
Q8	A	<p>The probability of pen manufacturing by company will be defective is 1/10. If 12 such pen are manufactured find Probability</p> <ol style="list-style-type: none"> 1) Exactly 3defective 2) More than 4 defective 3) No defective 	09	CO 6	4																
	B	If probability of bad reaction from certain injection is 0.001, determine the chance that out of 2000 individuals, more than 2 will get bad reaction.	09	CO 6	4																

----- ALL THE BEST -----





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Record No.: ZCOER-ACAD/R/16KK

Revision: 00

Date: 01/04/2021

Moderation of Question Paper

Department: Mechanical Engineering

Semester: I

Academic Year: 2022- 2023

Class and Div.: TE All

Date:

Course: NSM

Maximum Marks: 70

Name of Paper Setter: Adewar S.S.

Unit Test/ Class test Number: II

Question No.	Marks	Appropriateness (Y/N)		Approved/ Not approved	Remark
		CO	BTL		
Q 1A	9	CO3	4	Approved	
Q 1B	8	CO3	4	Approved	
Q 2A	8	CO3	4	Approved	
Q 2B	9	CO3	4	Approved	
Q 3A	9	CO4	4	Approved	
Q 3B	9	CO4	4	Approved	
Q 4A	9	CO4	4	-u-	
Q 4B	9	CO4	4	-u-	
Q 5A	8	CO5	4	Approved	
Q 5B	9	CO5	4	Approved	
Q 6A	8	CO5	4	Approved	
Q 6B	9	CO5	4	-a-	
Q 7A	9	CO6	4	-a-	
Q 7B	9	CO6	4	Approved	
Q 8A	9	CO6	4	-a-	
Q 8B	9	CO6	4	-u-	

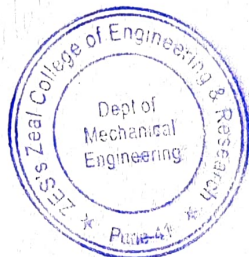
CO: Course Outcome

BTL: Bloom's Taxonomy Level

CO	Marks	%
CO3	17	24
CO4	18	26
CO5	17	24
CO6	18	26

BTL	Marks	%
1	0	0
2	0	0
3	0	0
4	140	100
5	0	0
6	0	0

Domain Coordinator/s:





Savitribai Phule Pune University

Examination Session 2021
Marks Inward System for Colleges

2/18/2022

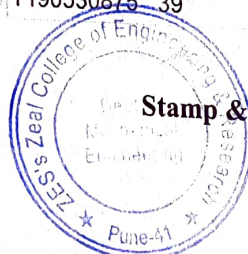
1 of 3

College Name	CEGP013090 - Zeal College of Engineering and Research		
Pattern Name	7031932 - T.E.(2019 PAT.) (MECHANICAL)	Batch No	202110029218
Subject Name	302042 - Heat & Mass Transfer	Exam Type	PRACTICAL OUT OF 50
Teacher Name	Gadhve Pitambar Subhash (Mob. No.: 9545878083) - Internal Examiner		

THIS IS PREVIEW / DRAFT COPY. THIS IS NOT FINAL. PLEASE CLICK ON CONFIRM BUTTON AND THEN DOWNLOAD FINAL COPY. IF YOU DIDN'T CLICK ON CONFIRM BUTTON, MARKS ENTERED WILL NOT BE ACCEPTED

Total Students	Present Students	Absent Students	Not Applicable	Detained
285	277	8	0	0

Seat No	Marks/Grade	Seat No	Marks/Grade	Seat No	Marks/Grade	Seat No	Marks/Grade
T190530801	(AB)	T190530826	37	T190530851	40	T190530876	41
T190530802	44	T190530827	36	T190530852	38	T190530877	30
T190530803	39	T190530828	38	T190530853	42	T190530878	42
T190530804	37	T190530829	43	T190530854	41	T190530879	42
T190530805	39	T190530830	40	T190530855	43	T190530880	41
T190530806	32	T190530831	37	T190530856	42	T190530881	38
T190530807	42	T190530832	43	T190530857	40	T190530882	41
T190530808	37	T190530833	40	T190530858	44	T190530883	42
T190530809	43	T190530834	40	T190530859	44	T190530884	45
T190530810	35	T190530835	34	T190530860	32	T190530885	43
T190530811	41	T190530836	(AB)	T190530861	(AB)	T190530886	42
T190530812	42	T190530837	46	T190530862	40	T190530887	43
T190530813	38	T190530838	43	T190530863	40	T190530888	43
T190530814	37	T190530839	45	T190530864	38	T190530889	43
T190530815	41	T190530840	44	T190530865	(AB)	T190530890	40
T190530816	37	T190530841	42	T190530866	(AB)	T190530891	41
T190530817	40	T190530842	30	T190530867	32	T190530892	34
T190530818	40	T190530843	36	T190530868	41	T190530893	39
T190530819	42	T190530844	41	T190530869	40	T190530894	42
T190530820	35	T190530845	35	T190530870	35	T190530895	38
T190530821	43	T190530846	42	T190530871	42	T190530896	43
T190530822	34	T190530847	40	T190530872	42	T190530897	44
T190530823	32	T190530848	32	T190530873	34	T190530898	42
T190530824	35	T190530849	43	T190530874	43	T190530899	36
T190530825	38	T190530850	35	T190530875	39	T190530900	43



Stamp & Authorized Signatory



Savitribai Phule Pune University
Examination Session 2022
Marks Inward System for Colleges

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1 of 2

12/12/2022
College Name

CEGP013090 - Zeal College of Engineering and Research

Pattern Name

7031932 - T.E.(2019 PAT.)
(MECHANICAL)

Batch No 202210000342

Subject Name

302042 - Heat & Mass Transfer

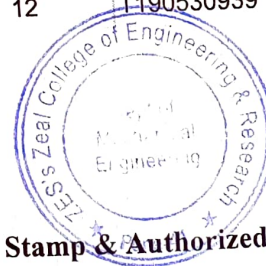
Exam Type IN OUT OF 30

Teacher Name

Gadhve Pitambar Subhash (Mob. No.: 9545878083) - Internal Examiner

Total Students	Present Students	Absent Students	Not Applicable	Detained
103	99	4	0	0

Seat No	Marks/Grade	Seat No	Marks/Grade	Seat No	Marks/Grade	Seat No	Marks/Grade
T190530802	3	T190530841	16	T190530877	14	T190530913	16
T190530804	16	T190530842	13	T190530878	12	T190530914	13
T190530805	(AB)	T190530844	18	T190530879	20	T190530915	14
T190530806	13	T190530845	20	T190530880	26	T190530916	5
T190530807	15	T190530847	18	T190530882	12	T190530917	0
T190530808	13	T190530848	15	T190530883	15	T190530918	2
T190530810	16	T190530849	2	T190530884	20	T190530920	10
T190530811	19	T190530851	14	T190530885	8	T190530921	13
T190530812	6	T190530852	14	T190530887	14	T190530923	12
T190530813	(AB)	T190530853	13	T190530889	(AB)	T190530924	12
T190530814	14	T190530854	12	T190530891	13	T190530925	7
T190530815	14	T190530858	12	T190530892	15	T190530926	15
T190530817	13	T190530861	16	T190530893	26	T190530927	8
T190530818	14	T190530862	14	T190530895	12	T190530928	21
T190530823	24	T190530863	19	T190530896	9	T190530929	9
T190530824	13	T190530864	18	T190530897	9	T190530930	5
T190530826	16	T190530865	17	T190530898	4	T190530931	12
T190530827	16	T190530866	24	T190530899	13	T190530932	10
T190530828	14	T190530868	16	T190530901	(AB)	T190530933	12
T190530829	20	T190530869	16	T190530902	1	T190530934	15
T190530831	7	T190530871	14	T190530904	3	T190530935	6
T190530835	17	T190530873	12	T190530907	16	T190530936	12
T190530836	16	T190530874	14	T190530909	12	T190530937	20
T190530837	15	T190530875	15	T190530910	12	T190530938	14
T190530838	15	T190530876	17	T190530911	12	T190530939	12



Stamp & Authorized Signatory



Savitribai Phule Pune University
Examination Session 2022
Marks Inward System for Colleges

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12/12/2022

1 of 1



College Name	CEGP013090 - Zeal College of Engineering and Research		
Pattern Name	7031932 - T.E.(2019 PAT.) (MECHANICAL)	Batch No	202210000344
Subject Name	302042 - Heat & Mass Transfer	Exam Type	PRACTICAL OUT OF 50
Teacher Name	Gadhve Pitambar Subhash (Mob. No.: 9545878083) - Internal Examiner		

Total Students	Present Students	Absent Students	Not Applicable	Detained
70	62	8	0	0

Seat No	Marks/Grade	Seat No	Marks/Grade	Seat No	Marks/Grade
T190530801	(AB)	T190530838	43	T190530875	40
T190530802	(AB)	T190530841	29	T190530876	38
T190530804	42	T190530842	30	T190530877	(AB)
T190530805	(AB)	T190530844	43	T190530878	36
T190530806	34	T190530845	41	T190530879	34
T190530807	30	T190530847	31	T190530880	45
T190530808	35	T190530848	29	T190530882	35
T190530810	39	T190530849	30	T190530883	38
T190530811	30	T190530851	29	T190530884	30
T190530812	30	T190530852	31	T190530885	(AB)
T190530813	(AB)	T190530853	31	T190530887	31
T190530814	31	T190530854	30	T190530889	30
T190530815	35	T190530855	(AB)	T190530891	31
T190530817	36	T190530858	29	T190530892	31
T190530818	38	T190530861	42	T190530893	38
T190530823	42	T190530862	43	T190530895	31
T190530824	35	T190530863	38	T190530896	30
T190530826	30	T190530864	(AB)	T190530897	31
T190530827	31	T190530865	30	T190530898	31
T190530828	30	T190530866	43	T190530899	39
T190530829	43	T190530868	40		
T190530831	30	T190530869	41		
T190530835	38	T190530871	36		
T190530836	38	T190530873	30		
T190530837	39	T190530874	38		



Stamp & Authorized Signatory

	ZEAL EDUCATION SOCIETY'S ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE PUNE -41 INDIA	
Record No.: ZCOER-ACAD/R/	Revision: 00	Date: 01/04/2021


Guidelines for Grievance redressal related to Internal Assessment

Due care will be taken at the time evaluation so minimum or no grievance is reported. Appropriate instructions are circulated to both student and staff related to internal assessment schedule, requirements, etc.

Following procedure is followed to resolve any grievance related to internal assessment within stipulated time period.

Sr. No.	Grievance / Issue	Addressed	Resolved by
1	Correction in Summary Report by SPPU	Subject Teacher / Internal Examiner	Institute Examination Section
2	Update or correction in Class Test and Term work marks / Absenteeism	Subject Teacher / Internal Examiner	Subject Teacher / Internal Examiner
3	Mismatch of roll number / seat number	Subject Teacher / Internal Examiner	Department Examination Coordinator/ HOD
4	Mark update for internal assessment (Term Work) on SPPU portal within stipulated time period	Internal Examiner	Institute Examination Section / Principal

Any other grievance will be reported to examination section at Institute level



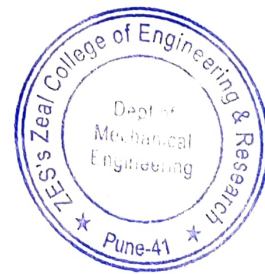
Departmental Examination Coordinator



Academic Coordinator



Head of Department



from:(rutujapawar80811@gmail.com)



Compose

Mail

Chat

Starred

Snoozed

Spaces

Sent

Drafts

98

More

Meet

Labels

AFTER 19

More

Exam form correction External Inbox x



Rutuja Pawar
to me

Wed, Dec 14, 1:02 PM (1

Format for subject add/Remove query in Hall ticket...(For marks entry)

Send mail to exam.zcoer@zealeducation.com from student mail ID

Student Name : Rutuja vaibhav pawar

Mobile No. -9112465447

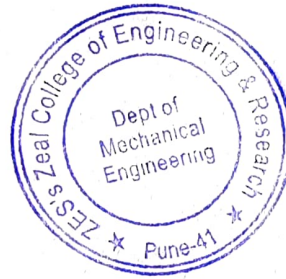
PRN No.:72168066G

Seat No. :B190530996

Year ,Pattern & Branch : final year BE, 2019 pattern, mechanical engineering

Delete Subject Name with Subject Code :No

Add Subject Name with Subject Code: audit course :stress management



12/24/22, 11:53 AM

Add Subject audit course (STRESS MANAGEMENT) - exam.zcoer@zealeducation.com - Zeal Education Society Narhe, P...



subject:(audit course)

Compose

Add Subject audit course (STRESS MANAGEMENT)

External

Inbox x

Wed, Dec 14, 1:46 PM (1)



Pradip Waghmare

to me

Student Name : Pradip Shankar Waghmare

Mobile No. - 8830669084

PRN No.: 72168127B

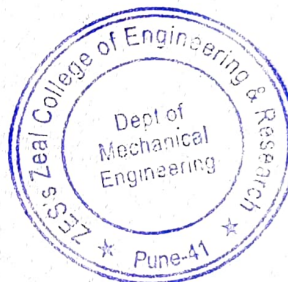
Seat No. :B190531068

Year ,Pattern & Branch : B.E.(2019 PAT.)(MECHANICAL)

Delete Subject Name with Subject Code :

Add Subject Name with Subject Code: STRESS MANAGEMENT (402054B)

Subject Type (PR/OR/TW/In): GRD



To
The Subject Teacher,
Mech. Dept.
ZCOER.

Subject: Regarding class Test-2 marks.

Respected sir,

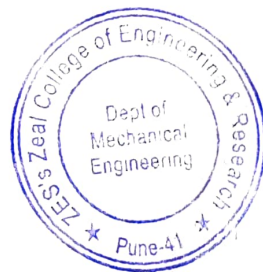
I am Khapare Gaurav Ganpat, studied in BE-c Division
my roll no. is B6130019. There is error in total mark
for class test-2 for subject PDD.

I request to verify the total & update accordingly.

Yours Faithfully
Khapare
Khapare Gaurav.
(B 6130019)

Verified the total
marks, revised
total score is now 28 out
of 30. Record updated
with new score.

Shelar
Prof. Shelar S.M.



LEAL EDUCATION SOCIETY

S. No. 39, Narlfe, Pune - 411041



Institute Name : ZCOER

Roll No. (In Figures): B613019 Center : 4053

Roll No. (In Words): B-six one three zero one nine

Day & Date : 18/11/22 Examination : Class test - II

Subject : Product Design & Development Section : -

Course / Paper No.: Medium of Answer : English

Main Ans. Book	No. of Supplements	Total	Jr. Supervisor's Name Signature & Date
1	2	3	<i>[Signature]</i>

Question No.	1	2	3	4	5	6	7	8	9	10	11	12	Sign. of Examiner
Marks Obtained	08	—	06	—	—	07	07	07	—	—	06	28	<i>[Signature]</i>

Use of coloured pencil or ink is strictly prohibited except in case of diagrams and sketches
(Write on both sides and start writing on this pages.)

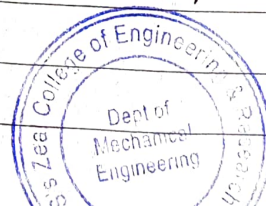
Main Answer Sheet

After retotaling
Score is
changed to 2

Q. 1

A)

The process of concept selection can be applied with the help of decision making tool as developed by Pugh. It is most effective tool for productivity for primary concept selection with low quality of information they are also effective as quality of information increases with defined selection scale. The selection process is five step process with iterations.





**ZEAL EDUCATION SOCIETY'S
ZEAL COLLEGE OF ENGINEERING AND RESEARCH
NARHE | PUNE -41 | INDIA**



Record No.: ZCOER-ACAD/R/29C

Revision: 00

Date: 01/04/2021

Attendance and Assessment Record of Class Retest

Department: Mechanical Engineering

Semesters: I

Academic Year: 2022-2023

Class: BE

Div.: All C

Date of Exam:

Course: Product Design & Development Class Test - II

Max. Marks: 70

Sr. No.	PRN	Roll No.	Name of Student	Marks				TOTAL	Sign of Student
				CO3 (0.1 OR 0.2)	CO4 (0.3 OR 0.4)	CO5 (0.5 OR 0.6)	CO6 (0.7 OR 0.8)		
				18	18	18	18		
1		B613001	Bhanage Rutwik Ramdas	13	12	13	05	43	Rutwik
2		B613008	Dige Prem Pradip	03	14	06	14	37	Digepd
3		B613010	Ganathevaru Karan Rajendra	11	10	15	11	47	Karan
4		B613005	Sanket Keshav Deshpande	13	06	07	13	39	Sanket
5		B613014	Jadhav Suraj Sudhakar	15	—	18	05	38	Suraj
6		B613019	Khapare Gaurav Ganpat	08	06	07	08	29	Ghapare
7		B613002	Bulbule Sitoprasad Mahadev	05	05	07	09	26	Bulbule
8		B613003	Abhishuk .N.Kumar .Chindarkar	11	—	06	08	25	Abhishuk
9		B613004	Chou Paliketan Monnoi	10	08	08	07	33	Chou
10		B613016	Ibrahim Khan	08	08	04	03	23	Ibrahim
11		B613011	Rohan V. Gawade.	14	—	—	08	22	Rohan
12		B613018	Ritesh .K.Khandelwal	08	05	06	08	27	Ritesh
13		B613004	Keshav .R.Mane	12	06	07	06	31	Keshav
14		B613027	Mule Ganesh Akrosh	12	13	11	05	41	Mule
15		B613028	Rupesh Anand Nipane	07	05	06	08	26	Rupesh
16		B613023	Jagannath Vitthal Lamkhede	13	13	—	—	26	Jagannath
17		B613020	Souresh .Ganesh .Khanolkar	07	06	06	07	26	Souresh
18		B613009	Gaurav .Gajare	07	06	07	07	27	Gaurav
19		B613015	Sagar Jivane	10	13	—	07	30	Sagar
20		B613017	Sohail Khan	15	08	—	13	36	Sohail
21		B613021	Nitesh Kolekar	07	04	06	—	17	Nitesh
22		B613024	Keshav .R.Mane						
23									
24									
25									
26									
27									
28									
29									
30									

Invigilator's Name:
Signature:

Sanyamshi AR

