

2.5.1.
QIM

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FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
Fr. Agnel Ashram, Bandra, Mumbai 400 050.

UNIVERSITY OF MUMBAI

APPLICATION FOR THE PHOTOCOPY
OF THE ASSESSED ANSWERBOOKS.

Paper
in
Receipt
Book

110/1287
01-09-22
8952
Photocopy

Name of the Examination : Branch COMPS Sem. VI (Old/Rev.)

Month MAY Year 2022 of examination. Seat No. 114

Name of the Candidate : LOOMBA ISHAAN SANJEEV.
(IN BLOCK LETTERS BEGINNING WITH SURNAME)

RESERVE CATEGORY : YES / NO (If yes, please attach Xerox copy of Caste Certificate)

Address : D-1903, Runwal Center, Govanli, Bn. Rd.

Dean's Membership - 400088. Tel. Landline No. 8850256586.
Mobile No. ✓

Sr. No.	Name of the subject	Marks obtained
1.	MOBILE COMPUTING	48.
2.		
3.		
4.		
5.		
6.		

The supply of photocopy of the assessed answer-book/s shall be deemed to be an additional facility to the candidate, the delay in supplying a photocopy of the assessed answer book/s for any reason whatsoever shall not confer any right upon him/her as per the relevant Ordinances and Rules made by the University in that behalf.

Ashra
Signature of Candidate

Date :

N.B. : The photocopy of the assessed answerbooks Fees of Rs. 110/- (for Open Category) and Rs. 60/- (for reserve Category /S.C./S.T./D.T./N.T.), paid vide Receipt no. _____ dated _____.

(PTO)

UNDERTAKING

I, ISHAAN LOOMBA

appeared at the VI semester, MAY 2022 examination with

Seat No. 114 willingly giving the following undertaking for obtaining the

Photocopy of my answer-books.

I shall abide by the rules and regulations in respect of the availability of photocopy of the answerbooks and I shall not violate these rules and regulations by using the photocopy for any other purpose except self guidance and information.

Ishaan

Signature of the Candidate.

UNIVERSITY OF MUMBAI

OFFICE REGISTER FOR THE B.E. (ELECTRONICS ENGINEERING) (SEM VIII) (CBEGS) (REVALUATION) EXAMINATION HELD IN MAY 2018
 COLLEGE/CENTRE NAME: S.C.R.C.E. Page No.: 2
 RESULT DATE :- OCTOBER 09, 2018

SEAT NO	NAME	Course-I	Course-II	Course-III	Course-IV	Course-V	RESULT	REMARK		
Th(80/32)	Tw(25/10)	Th(80/32)	Tw(25/10)	Th(80/32)	Tw(25/10)	Th(80/32)	Tw(25/10)	Tw(50/20)		
In(10/08)	Or(25/10)	In(20/08)	Or(25/10)	In(20/08)	Or(25/10)	In(20/08)	Or(25/10)	Or(50/20)		
Tot	Tot	Tot	Tot	Tot	Tot	Tot	Tot	Tot		
C G GP C*G	C G GP C*G	C G GP C*G	C G GP C*G	C G GP C*G	C G GP C*G	C G GP C*G	C G GP C*G	C G GP C*G		
1. EXC801	CMOS VLSI DESIGN	2. EXC802	ADVANCED NETWORK. TECH.	3. EXC803	MEMS TECHNOLOGY					
4. ELECTIVE-II	SUBJECT	5. EXC806	PROJECT-II							
50280111	IBRAKATH NIHAL SASENDRABABU SINDHU	(ELECTIVE: EXC8044:BIOMEDICAL ELECTRONICS)								
32	17	43	15	32	18	41	18	32		
8	15	9	16	12	17	11	19	46	P	
40	32	52	33	44	35	52	37	78		
4 P 4 16	1 C 7 7	4 D 6 24	1 C 7 7	4 P 4 16	1 B 8 8	4 D 6 24	1 B 8 8	4 A 9 26	24 146 6.08	
SGPI: SEM-I: 5.85 ; SEM-II: 6.50 ; SEM-III: 5.00 ; SEM-IV: 4.57 ; SEM-V: 5.64 ; SEM-VI: 6.44 ; SEM-VII: 5.78 ; CGPI: 5.71										
50280130	THOMAS TINU TERESA MINI	(ELECTIVE: EXC8044:BIOMEDICAL ELECTRONICS)								
41	23	44	24	38	23	35	23	39		
16	22	16	20	16	17	14	23	44	P	
55	45	60	44	54	40	49	46	83		
4 D 6 24	1 O 10 10	4 C 7 28	1 O 10 10	4 D 6 24	1 O 10 10	4 E 5 20	1 O 10 10	4 O 10 40	24 176 7.33	
SGPI: SEM-I: 6.46 ; SEM-II: 6.67 ; SEM-III: 6.96 ; SEM-IV: 6.54 ; SEM-V: 7.54 ; SEM-VI: 7.19 ; SEM-VII: 7.22 ; CGPI: 6.99										
/- FEMALE, #- 0.223,8- 0.5042,e- 0.5043, * - 0.5045,ADC- ADMISSION CANCELLED, RR- RESERVED, -- FAILS IN THEORY OR PRACTICAL RLE- RESERVE FOR LOWER EXAMINATION, PPV- PROVISIONAL, RCC- 0.5050, A,ABS- ABSENT, F- FAILS, P- PASSED, NULL- NULL & VOID G:grade GP:gradepoints C:credits CP:credit points CGPI:Cumulative Grade Performance Index ACG:sum of product of credits & grades ac:sum of credit points SGPI: ACG/AC MARKS : >=80 >=75 and <80 >=70 and <75 >=60 and <70 >=50 and <60 >=45 and <50 >=40 and <45 <40 GRADE : D A B C D E F GRADE POINT : 10 9 8 7 6 5 4 0										

17/10





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EXAM. HELD IN

FR. CONCEICAO RODRIGUES
COLLEGE OF ENGINEERING

NOV. / DEC. 2018

PHOTOCOPY & REEVALUATION



COMPUTER

III - CBGS.

02 Almeida Alex A. Maths/0 — L 01

III - CBC.

20 D'mello prince A. Data Stru/21 — L 21 ✓

21 D'mello Ria Michael Data Stru/21 — L 25 ✓

26 D'souza Simran Maths/22 — L 26 ✓

27 D'souza Susan V. Data Stru/19 — L 29 ✓

52 Oza Dishant K. E.C.C.F/23 — L 24 ✓

66 Sethi Deepanshu ECCF/22 — L 22 ✓

Data Stru/42 — L 52 ✓

71 Mathew Susmita Data Stru/22 — L 25 ✓

78 Gaonkar Chinmay S. Data Stru/22 — L 29 ✓

79 Rodrigues Lemis R. ECCF/19 — L 29 ✓

V - CBC

36 Gaonkar Chinmay S. TCS/23 — L 29 ✓





SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frcrce.ac.in • Email : crce@fragnel.edu.in

6th October, 2022.

NOTICE

SE / TE / BE (III, V, VII) (ALL BRANCHES)

SECOND UNIT TEST – OCTOBER 2022

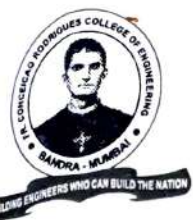
The **Second Unit test for S.E./T.E./B.E.** (SEMESTER – III, V, VII) (All Branches) is scheduled to held from **17th October 2022 to 19th October 2022**. All lectures and practical classes scheduled on the days of their class examination stand cancelled to enable the students to attend the test. Attendance in the test is compulsory, since this will be one of the tests considered for the calculation of Internal Assessment marks.

Regular classes for SE, TE & BE (Sem. III, V & VII) (All Branches) will commence from 20th October, 2022

Detailed time table will be display on the notice board outside the Examination Cell soon.

(DR. S. S. RATHOD)
PRINCIPAL

YF/



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

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Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frcce.ac.in • Email : crce@fragnel.edu.in

22nd August, 2022.

NOTICE

SE / TE / BE (III, V, VII) (ALL BRANCHES)

The **First Unit test** for **S.E./T.E.** (SEMESTER – III, V) (All Branches) is scheduled to held from **5th September 2022 to 7th September 2022** and for **BE (SEMESTER VII)** (All Branches) is scheduled on **8th and 12th September 2022**. All lectures and practical classes scheduled on the days of their class examination stand cancelled to enable the students to attend the test. Attendance in the test is compulsory, since this will be one of the tests considered for the calculation of Internal Assessment marks.

Regular classes for SE & TE (Sem. III & V) (All Branches) will commence from 8th September 2022

Detailed time table will be display on the notice board outside the Examination Cell soon.

(DR. S. S. RATHOD)
PRINCIPAL

YF/



Fr. Conceicao Rodrigues College of Engineering

Fr Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400050
URL: www.fragnel.edu.in Ph: +912267114168 Mail: exam@fragnel.edu.in

STUDENT PERFORMANCE REPORT

Dear Parent,

Subject: Performance report of Mr. / Ms. Chaddha Hardeepsingh Sukhvinde

Please find the performance report of your ward Chaddha Hardeepsingh Sukhvinde [Roll. No. 8189] after the 13 Weeks of classes and Internal assessment test - 1. We would like to inform you that minimum of 75 % overall attendance is required to become eligible for the Term End University Examination. Term End examination is expected to begin from third week of April, 2019. Internal assessment test(s) are separate passing heads and failure in the IA Test indicates failure in the Term End University examination. We request you to kindly help us in improving the student's performance by taking necessary steps possible from your end. This would strengthen our efforts in this regard.

We request you to get in touch with the SE Production Engineering Class teacher Prof. Deepika Singh Singraur to discuss & understand the performance of your ward.

Prof. Deepika Singh Singraur may be reached on Phone: +91-022-67114142 and e-Mail: deepika.singh@fragnel.edu.in

Attendance Report

Subject Name	Type	CC	AC	%Atten
Applied Mathematics - IV	TH	36	15	42%
Fluid & Thermal Engineering	TH	38	22	58%
Dynamics of Machines	TH	38	23	61%
Electrical & Electronics Engineering Lab.	PR	8	7	88%
Manufacturing Process - II Lab.	PR	28	28	100%

Subject Name	Type	CC	AC	%Atten
Electrical & Electronics Engineering	TH	40	27	68%
Manufacturing Engineering - II	TH	37	22	60%
Dynamics of Machine Laboratory	PR	16	14	88%
Fluid & Thermal Engineering Lab.	PR	8	8	100%

TH: Theory PR: Practical TU: Tutorial CC: Conducted Classes / Sessions AC: Attended Classes / Sessions NA: Not Applicable

Overall % attendance: 67 %

Internal Assessment Test Marks Report


Subject Name	Type	Max Marks	Secured Marks	% Marks / Result
Applied Mathematics - IV	TH	20	13	65% / Pass
Electrical & Electronics Engineering	TH	20	0	0% / Fail
Fluid & Thermal Engineering	TH	20	10	50% / Pass
Manufacturing Engineering - II	TH	20	15	75% / Pass
Dynamics of Machines	TH	20	16	80% / Pass

TH: Theory NA: Not Applicable

Parent's Remarks & Signature	
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Principal
 DR. (MRS.) SRIJA UNNIKRISSHAN
 PRINCIPAL


Head of Department


Class Teacher





Society of St. Francis Xavier, Pilar's

Fr. Conceicao Rodrigues College of Engineering

Fr. Agnel Technical Education Complex Bandstand,
Bandra Mumbai -400 050

Course Code	Course Name	Credits
MEL502	Dynamics of Machinery	01

- CO 1: Plot and analyze governor characteristics
CO 2: Analyze gyroscopic effect on laboratory model
CO 3: Estimate natural frequency of mechanical systems
CO 4: Analyze vibration response of mechanical systems
CO 5: Determine damping coefficient of a system
CO 6: Balance rotating mass

Roll number: 9443

Unit test (Avg marks)	20 = 19 + 20 = 19.5
Assignment (Avg marks)	10
Experiments (Avg marks)	10

List of Assignments : 6

Sr. no.	Assignment based on	CO	BL	PI	Marks
1	Governor and gyroscope	CO1, CO2	L-2	1.3.1, 1.4.1	10
2	Static and dynamic force analysis and dynamically equivalent system	CO 6	L-2	1.4.1	10
3	Basic concepts of vibration ; Free undamped single degree of freedom vibration system	CO 3	L-2	1.2.1, 1.3.1	10
4	Free damped single degree of freedom vibration system	CO 5	L-3	1.3.1, 2.1.2	10
5	Forced single degree of freedom vibration system; vibration isolation and transmissibility ; vibration measuring instruments	CO 4	L-3	1.3.1, 2.1.2	10
6	Rotor dynamics ; Static and dynamics balancing of multi rotor system	CO 6	L-3	1.4.1, 2.1.2	10

APDare
Akshay Sare
1/11/22

Name & Signature of faculty



Society of St. Francis Xavier, Pilar's

Fr. Conceicao Rodrigues College of Engineering

Fr. Agnel Technical Education Complex Bandstand,
Bandra Mumbai -400 050

Roll number: 9443

List of Experiments : 11

Sr. no.	Experiment based on	CO	BL	PI	Marks
1	Governors- Porter Governor	CO1	L-2	1.4.1	10
2	Governors- Hartnell Governor	CO1	L-2	1.4.1	10
3	Gyroscopic couple	CO2	L-3	1.3.1	10
4	Finding natural frequency of simple pendulum system.	CO3	L-2	1.2.1 1.3.1	10
5	Finding natural frequency of compound pendulum system.	CO3	L-2	1.2.1 1.3.1	10
6	Finding natural frequency of bifilar suspension.	CO3	L-2	1.2.1 1.3.1	10
7	Determine natural frequency for longitudinal vibrations of helical springs.	CO3	L-2	1.2.1 1.3.1	10
8	Determine natural frequency and nodal points for single rotor vibratory system.	CO3	L-2	1.2.1 1.3.1	10
9	Determine natural frequency and nodal points for two-rotor vibratory system.	CO3	L-2	1.2.1 1.3.1	10
10	Determination of damping coefficient of any system	CO5	L-2	1.3.1 1.4.1	10
11	Whirling speed of shaft.	CO 4	L-3	1.4.1	10

APsave
Akshay Save
1/11/22

Name & Signature of faculty



Society of St. Francis Xavier, Pilar's

Fr. Conceicao Rodrigues College of Engineering

Fr. Agnel Technical Education Complex Bandstand,
Bandra Mumbai -400 050

ASSIGNMENT NO.: 1

Title: Governor and gyroscope (Module 1)

Name	Om G. Kodte		
Branch	ME Mechanical Engineering		
F.E./ S.E./ T.E./ B.E.	T.E.	Semester	V
Roll no	9443	Batch	C
Subject	Dynamics of Machinery (DOM)		
Academic year	2022-23		

Rubrics:

ASSIGNMENT EVALUATION			
UNDERSTANDING (U) (04)	CONTENT (C) (04)	TIMELINE (T) (02)	TOTAL (10)
4	4	2	10

Date of assigning:

Date of checking: 16/9/22

Remarks: Excellent!
keep it up

AP Saril
Akshay Saril
Name & Signature of faculty



Society of St. Francis Xavier, Pilar's

Fr. Conceicao Rodrigues College of Engineering

Fr. Agnel Technical Education Complex Bandstand,
Bandra Mumbai -400 050

EXPERIMENT NO.: 1

Title: Porter Governor

Name	Om G. Kote		
Branch	Mechanical Engineering		
F.E./ S.E./ T.E./ B.E.	T.E.	Semester	V
Roll no	9443	Batch	C
Subject	Dynamics of Machinery (DOM)		
Academic year	2022-23		

Rubrics:

EXPERIMENT EVALUATION				
PERFORMANCE (P) (03)	FORMAT (F) (04)	CONCLUSION (C) (01)	TIMELINE (T) (02)	TOTAL (10)
3	4	1	2	10

Date of Performance:

Date of checking: 25/8/22

Remarks: Excellent

APSAK
Akshay Sankar

Name & Signature of faculty

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

Fr. Agnel Ashram, Bandstand, Bandra (W) 400 050

(AFFILIATED TO UNIVERSITY OF MUMBAI)

Department of Mechanical Engineering

S. E. MECHANICAL

Notice: Mini Project Final Presentation Schedule

Date: 18/01/2021

Dear All,

The Mini Project final presentations should be conducted online on either **22nd or 23rd January 2021** as per the convenience of the students and faculty members.

The list of students and their respective faculty advisors and external examiners are given below for your convenience.



Dr. V. S. Jorapur
(HOD)

CC :

- 1. Examination Cell.**
- 2. All Faculty.**

S. E. Mechanical Engineering Mini-Project Final Presentation

Group No.	Name of the Student	Faculty Advisor	External Examiner
Group 1	Bhushan Salunke (9016)	Dr. V. S. Jorapur	Dr. Arun B. Rane
	Harsh Remje (9014)		
	Varun Sebastian (9031)		
	Vineet Solanki (9025)		
Group 2	Gurliv Singh Sehra (9020)	Prof. D. S. S. Sudhakar	Dr. Bhushan T. Patil
	Durvankur Naik (9006)		
	Raul Gonsalves (8994)		
	Aditya Sharma (9022)		
Group 3	Aditya Raj (9013)	Dr. Bhushan T. Patil	Prof. D. S. S. Sudhakar
	Ddhairya Gandhi (8993)		
	Swarangi Kale (8999)		
	Yashas Joglekar (8998)		
Group 4	Joyace Tuscano(9026)	Prof. Sunil K. Das	Dr. V. S. Bilolikar
	Reagan Tuscano (9027)		
	Rex Lopes(9004)		
	Noela Rodrigues(9015)		
Group 5	Aryan Dali (8988)	Dr. Arun B. Rane	Dr. V. S. Jorapur
	Mayuresh Vadke (9029)		
	Sharvang Uchgaokar (9028)		
	Vignesh Bhoi (8984)		
	Adnan Diwan (8776)		
Group 6	Nishant Satghare (9018)	Prof. Anant Tarase	Prof. Saurabh A. Korgaonkar
	Rachael Dhalwani (8990)		
	Melroy Vadlea (9030)		
	Sneddyn Lemos (9002)		
Group 7	Shashank Makasare (9005)	Dr. Vasim A. Shaikh	Prof. Deepika Singh Singraur
	Sahil Vichare (9032)		
	Gavin Pereira (9011)		
	Gautami Silivery (9024)		
Group 8	Prachit Pereira(9012)	Prof. Saurabh A. Korgaonkar	Prof. Anant Tarase
	Nivesh Sharma (9023)		
	Brenda Fernandes(8991)		
	Atharva Belnekar(8983)		

Group 9	Claive Dabre (8987)	Prof. M. V. B. Rao	Prof. Hitendra Vaishnav
	Nigel Noronha (9007)		
	Shubham Parab (9009)		
	Yash Ingle (8997)		
Group 10	Vedang Chavan (8986)	Prof. Deepika Singh Singraur	Dr. Vasim A. Shaikh
	Allen Dony (8982)		
	Tanay Kshirsagar (9001)		
	Abel David (9008)		
Group 11	Nixon Lobo (9003)	Dr. Ketaki Joshi	Prof. Dipali Bhise
	Mausam Yadav (9033)		
	Kedar Pawar (9010)		
Group 12	Reuel Gracias (8995)	Prof. Hitendra Vaishnav	Prof. M. V. B. Rao
	Joel George (8947)		
	Kaustubh Satam (9017)		
	Charit Save (9019)		
Group 13	Nealon D'cruz (8989)	Prof. Dipali Bhise	Dr. Ketaki Joshi
	Brendan Fernandes (8992)		
	Shanon Caldeira (8985)		
	Kevin Mathew (9000)		

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

Fr. Agnel Ashram, Bandstand, Bandra (W) 400 050

(AFFILIATED TO UNIVERSITY OF MUMBAI)

Department of Production & Mechanical Engineering

S. E. MECHANICAL

Notice: Mini Project Stage II Presentation Schedule

Date: 10/12/2020

Dear All,

The Mini Project Stage – 2 presentations should be conducted online on either **19th or 22nd December 2020** as per the convenience of the students and faculty members.

A list of students and their respective faculty advisors are given below for your convenience.



Dr. V. S. Jorapur
(HOD)

CC :

- 1. Examination Cell.**
- 2. All Faculty.**

PROGRESS MONITORING COMMITTEE			
S. E. Mechanical Engineering Mini-Project			
Group No.	Name of the Student	Faculty Advisor (Examiner 1)	Examiner 2
Group 1	Bhushan Salunke (9016)	Dr. V. S. Jorapur	Dr. V. S. Bilolikar
	Harsh Remje (9014)		
	Varun Sebastian (9031)		
	Vineet Solanki (9025)		
Group 2	Gurliv Singh Sehra (9020)	Prof. D. S. S. Sudhakar	Prof. Deepika Singraur
	Durvankur Naik (9006)		
	Raul Gonsalves (8994)		
	Aditya Sharma (9022)		
Group 3	Aditya Raj (9013)	Dr. Bhushan T. Patil	Dr. Ketaki Joshi
	Ddhairya Gandhi (8993)		
	Swarangi Kale (8999)		
	Yashas Joglekar (8998)		
Group 4	Joyace Tuscano(9026)	Prof. Sunil K. Das	Prof. Saurabh A. Korgaonkar
	Reagan Tuscano (9027)		
	Rex Lopes(9004)		
	Noela Rodrigues(9015)		
Group 5	Aryan Dali (8988)	Dr. Arun B. Rane	Prof. Anant Tarase
	Mayuresh Vadke (9029)		
	Sharvang Uchgaokar (9028)		
	Vignesh Bhoi (8984)		
Group 6	Nishant Satghare (9018)	Prof. Anant Tarase	Dr. Arun B. Rane
	Rachael Dhalwani (8990)		
	Melroy Vadlea (9030)		
	Sneddyn Lemos (9002)		
Group 7	Shashank Makasare (9005)	Dr. Vasim A. Shaikh	Prof. M. V. B. Rao
	Sahil Vichare (9032)		
	Gavin Pereira (9011)		
	Gautami Silivery (9024)		
Group 8	Prachit Pereira(9012)	Prof. Saurabh A. Korgaonkar	Prof. Sunil K. Das
	Nivesh Sharma (9023)		
	Brenda Fernandes(8991)		
	Atharva Belnekar(8983)		

Group 9	Claive Dabre (8987)	Prof. M. V. B. Rao	Dr. Vasim A. Shaikh
	Nigel Noronha (9007)		
	Shubham Parab (9009)		
	Yash Ingle (8997)		
Group 10	Vedang Chavan (8986)	Prof. Deepika Singraur	Prof. D. S. S. Sudhakar
	Allen Dony (8982)		
	Tanay Kshirsagar (9001)		
	Abel David (9008)		
Group 11	Sadiya Shaikh (9021)	Dr. Ketaki Joshi	Dr. Bhushan T. Patil
	Nixon Lobo (9003)		
	Mausam Yadav (9033)		
	Kedar Pawar (9010)		
Group 12	Reuel Gracias (8995)	Prof. Hitendra Vaishnav	Prof. Dipali Bhise
	Mayur Gurav (8996)		
	Kaustubh Satam (9017)		
	Charit Save (9019)		
Group 13	Nealon D'cruz (8989)	Prof. Dipali Bhise	Prof. Hitendra Vaishnav
	Brendan Fernandes (8992)		
	Shanon Caldeira (8985)		
	Kevin Mathew (9000)		

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
Fr. Agnel Ashram, Bandstand, Bandra (W) 400 050
(AFFILIATED TO UNIVERSITY OF MUMBAI)

Department of Production & Mechanical Engineering
S. E. MECHANICAL

Notice: Mini Project Stage I Presentation Schedule

Date: 6/11/2020

Dear All,

The Mini Project Stage – 1 presentations should be conducted online on either **9th or 10th November 2020** as per the convenience of the students and faculty members.

A list of students and their respective faculty advisors are given below for your convenience.



Dr. V. S. Jorapur
(HOD)

CC :

- 1. Examination Cell.**
- 2. All Faculty.**

PROGRESS MONITORING COMMITTEE**S. E. Mechanical Engineering Mini-Project**

Group No.	Name of the Student	Faculty Advisor (Examiner 1)	Examiner 2
Group 1	Bhushan Salunke (9016)	Dr. V. S. Jorapur	Dr. V. S. Bilolikar
	Harsh Remje (9014)		
	Varun Sebastian (9031)		
	Vineet Solanki (9025)		
Group 2	Gurliv Singh Sehra (9020)	Prof. D. S. S. Sudhakar	Prof. Deepika Singraur
	Durvankur Naik (9006)		
	Raul Gonsalves (8994)		
	Aditya Sharma (9022)		
Group 3	Aditya Raj (9013)	Dr. Bhushan T. Patil	Dr. Ketaki Joshi
	Ddhairya Gandhi (8993)		
	Swarangi Kale (8999)		
	Yashas Joglekar (8998)		
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	Reagan Tuscano (9027)		
	Rex Lopes(9004)		
	Noela Rodrigues(9015)		
Group 5	Aryan Dali (8988)	Dr. Arun B. Rane	Prof. Anant Tarase
	Mayuresh Vadke (9029)		
	Sharvang Uchgaokar (9028)		
	Vignesh Bhoi (8984)		
Group 6	Nishant Satghare (9018)	Prof. Anant Tarase	Dr. Arun B. Rane
	Rachael Dhalwani (8990)		
	Melroy Vadlea (9030)		
	Sneddyn Lemos (9002)		
Group 7	Shashank Makasare (9005)	Dr. Vasim A. Shaikh	Prof. M. V. B. Rao
	Sahil Vichare (9032)		
	Gavin Pereira (9011)		
	Gautami Silivery (9024)		
Group 8	Prachit Pereira(9012)	Prof. Saurabh A. Korgaonkar	Prof. Sunil K. Das
	Nivesh Sharma (9023)		
	Brenda Fernandes(8991)		
	Atharva Belnekar(8983)		

Group 9	Claive Dabre (8987)	Prof. M. V. B. Rao	Dr. Vasim A. Shaikh
	Nigel Noronha (9007)		
	Shubham Parab (9009)		
	Yash Ingle (8997)		
Group 10	Vedang Chavan (8986)	Prof. Deepika Singraur	Prof. D. S. S. Sudhakar
	Allen Dony (8982)		
	Tanay Kshirsagar (9001)		
	Abel David (9008)		
Group 11	Sadiya Shaikh (9021)	Dr. Ketaki Joshi	Dr. Bhushan T. Patil
	Nixon Lobo (9003)		
	Mausam Yadav (9033)		
	Kedar Pawar (9010)		
Group 12	Reuel Gracias (8995)	Prof. Hitendra Vaishnav	Prof. Dipali Bhise
	Mayur Gurav (8996)		
	Kaustubh Satam (9017)		
	Charit Save (9019)		
Group 13	Nealon D'cruz (8989)	Prof. Dipali Bhise	Prof. Hitendra Vaishnav
	Brendan Fernandes (8992)		
	Shanon Caldeira (8985)		
	Kevin Mathew (9000)		

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

Fr. Agnel Ashram, Bandstand, Bandra (W) 400 050

*(AFFILIATED TO UNIVERSITY OF MUMBAI)***Department of Production & Mechanical Engineering****STAGE - I MARKSHEET****(MINI-PROJECT) (S.E. MECHANICAL / PRODUCTION ENGG.)**

STUDENT NAME:	
ROLL NO:	
DATE OF EXAMINATION:	
PROJECT TITLE:	
FACULTY ADVISOR (EXAMINER 1) :	
EXAMINER 2:	

SR. NO	ASPECTS TO BE EVALUATED	MARKS OUT OF	MARKS OBTAINED
1	Background Knowledge / Literature Review	5	
2	Understanding Project Objectives	5	
3	Individual Involvement and Contribution in Group Activity	5	
4	Presentation Skills including Understanding & Response to Questions	5	
5	Progress made towards the execution of project	5	
	TOTAL	25	

FACULTY ADVISOR / GUIDE

HEAD OF DEPARTMENT

SEAL OF COLLEGE

PRINCIPAL


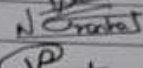
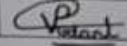
PROJECT PROPOSAL TEMPLATE

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Band stand, Bandra, Mumbai -400050

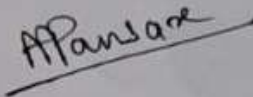
3

Department of Computer Engineering

Group Information:

Roll No	Name	Sign
9183 (Group Leader)	HIMANSHU BHUNDERE	
9227	BREZHNEV RODRIGUES	
9215	TREVELYN NORONHA	
9218	VEDANT PATANKAR	

Mentor - Ashwini Pansare



TITLE OF THE PROJECT: Automated Drone

BROAD AREA (E.g. IoT, Machine Learning, Computer Vision, System Security etc.): Deep Learning

ABSTRACT (maximum 300 words):

- Deep learning is an artificial intelligence function that imitates the workings of the human brain in processing data and creating patterns for use in decision making.
- Deep learning is a subset of machine learning in artificial intelligence that has networks capable of learning from unsupervised data that is unstructured or unlabelled.
- Also known as deep neural learning or deep neural network.
- CNN is a supervised deep learning method. The origin of the applications of deep learning to object recognition tasks can be traced to the convolutional neural networks (CNNs) in the early 90s.
- We are using the applications of CNN to help create autonomous drones which can identify obstacles and avoid them and reach the require destination without hassle.

MOTIVATION (maximum 100 word):

In today's modern world everyone wants their products delivered on time but due to traffic and other constraints the delivery agents are not able to deliver their product on time and on other hand companies like Zomato, Amazon, Flipkart, etc, are competing with themselves and to

increase their goodwill they keep decreasing the time required for delivery due to which delivery agents are risking their life for the product to be delivered on time.

PROBLEM STATEMENT: Building a software for drones to detect and avoid the obstacles without the need of pilot.

AIMS: Drones should be able to execute its plan path by avoiding any obstacles that may be in the path.

OBJECTIVES:

- To get insight of Machine Learning.
- To learn the application of CNN.
- To get better understanding of how drones work.

METHODOLOGY (TENTATIVE IF ANY):

- STRATEGY
- ANALYSIS AND PLANNING
-
- TESTING

HARDWARE / SOFTWARE REQUIREMENTS: Spyder3, Unreal Engine, Microsoft AirSim

INNOVATIVENESS:

Any Special Societal Relevance? (e.g. Health, Agriculture, Environment, Smart Solution Etc...)
Smart Solution for Home Delivery

EXAMINER'S FEEDBACK FORM
TE MINI Project ORAL EXAM SEM 5(2022-23)

Branch: COMPUTER Class: (T.E) Semester: V

Name of Internal examiner: Prof. Ashwini Pantare
 Name of External examiner: Prof. Sushma Ichanavilkar/Dhumal
 College of External examiner: St. Xaviers CoE
 Date of Examination: 7/11/22

Student Performance Analysis (Put Tick as per your Observation) Excellent(3), Very Good(2), Good(1)

Sr.No.	Observations	(3)	(2)	(1)
Project Title: <u>NETSPIRE</u>				
1	Quality of problem and Clarity			✓
2	Innovativeness in solutions			✓
3	Cost-effectiveness and Societal impact			✓
4	Full functioning of working model as per stated requirements			✓
5	Effective use of skill sets			✓
6	Effective use of standard engineering norms			✓
7	Contribution of an individual's as a member or leader			✓
8	The clarity in written and oral communication			✓
9	Overall performance			✓
Project Title: <u>Drone Automation with Path Optimization</u>				
1	Quality of problem and Clarity	✓		
2	Innovativeness in solutions	✓		
3	Cost-effectiveness and Societal impact	✓		
4	Full functioning of working model as per stated requirements	✓		
5	Effective use of skills ets	✓		
6	Effective use of standard engineering norms	✓		
7	Contribution of an individual's as member or leader	✓		
8	Clarity in written and oral communication	✓		
9	Overall performance	✓		

- Is the work done by the project group substantial to proceed in the next semester?(Yes/ No)
- If No, suggest new Innovative Technique/Idea/objectives related to this project.

Signature of External Examiner Dhumal
7/11/22

Fr. Conceicao Rodrigues College of Engineering
 Department of Computer Engineering
 TE Comps A- Project Mid Term Evaluation I

Grp No.	Roll No.	Student Name	Project Title	Mentor	Quality of the problem	Clarity of the problem	Literature survey	Theoretical analysis of proposed problem	Design	Presentation	Individual team work	Professional ethics	Total
					5M	5M	10M	5M	10M	5M	5M	5M	50M
Panel: Prof Ashwini Pansare, Prof Sushma Nagdeote, Prof. Sangeeta P.													
3	9163	Himanshu Bhung	Automated Drone	Prof. Ashwini Pansare	05	05	09	04	09	05	05	05	49
	9215	Trevilyn Noronh			05	05	09	04	09	05	05	05	49
	9227	Breznev Rodrigu			05	05	09	04	09	05	05	05	49
	9218	Vedant Patankar			05	05	09	04	09	05	05	05	49
5	9177	Cheryl Almeida	Destop Voice Assistant	Prof. Sushma Nagdeote	04	03	09	04	09	05	05	05	44
	9205	Nathan Lopes			04	03	09	04	09	05	05	05	44
	9204	Mathew Lobo			04	03	09	04	09	05	05	05	44
6	9188	Rudolf Dmello	E-voting using Blockchain	Prof. Sangeeta Parshvanikar	04	03	09	03	09	04	04	04	40
	9425	Larry Lopes			04	03	09	03	09	04	04	04	40
13	9184	Naman Chouhan	Netspire- Be Innovative, Be a Techsavvy	Prof. Ashwini Pansare	04	03	09	03	09	03	04	04	40
	9191	Renvil Dsa			04	01	08	03	09	03	04	04	40
	9233	Hitesh Sharma			04	03	09	03	09	03	04	04	40
15	9180	Amev Bagwe	Attendance marking using Facial Recognition	Prof. Sushma Nagdeote	04	05	09	04	09	05	05	05	46
	9187	Vallantan Fernan			04	05	09	04	09	05	05	05	46
	9203	Wesley Lewis			04	05	09	04	09	05	05	05	46
	9226	Sandesh Raut			04	05	09	04	09	05	05	05	46
18	9225	Sankalp Rane	Mental Health Tracker	Prof. Ashwini Pansare	04	04	08	04	09	05	05	05	44
	9210	Lauren Menezes			04	04	08	04	09	05	05	05	44
	9190	Jaden Dsa			04	04	08	04	09	05	05	05	44
22	9182	Abhay Bhosale	Superreads	Prof. Sangeeta Parshvanikar	04	04	08	04	09	05	05	05	44
	9178	Vallance Alvares			04	04	08	04	09	05	05	05	44
	9213	Atharva Natarwad			04	04	08	04	09	05	05	05	44

Evaluator 1: Name and Signature

A Pansare
 Ashwini Pansare

Evaluator 2: Name and Signature

S Nagdeote
 Sushma Nagdeote

Evaluator 3: Name and Signature

S Sangeeta
 Sangeeta Parshvanikar

Date of Evaluation

TE-MINI PROJECT MID-TERM EVAL I - EVAL SHEET. (DIV-A)

(2022-23)



Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandstand, Bandra(W)
Mumbai - 400050

Department of Computer Engineering
TE Mini Project Internal Assessment Evaluation II (Sem V)

Panel: Prof Ashwini Pansare, Prof Sushma Nagdeote, Prof. Sangeeta P.

Date:

				Theoretical analysis of proposed problem (CO2)	Design (CO2,CO5)	Implementation (CO3,CO8)	Present ation CO9	Individual team work CO9	Profession al ethics CO5	Participation in other IIC events (CO8,CO9)	Total
Gr No	Roll No	Student Name	Title	5M	10 M	15M	5M	5M	5M	5M	50M
3	9183	Himanshu Bhundere	Automated Drone	05	10	13	05	05	05	04	47
	9215	Trevelyn Noronha		05	10	13	05	05	05	04	47
	9227	Breznev Rodrigues		05	10	13	05	05	05	04	47
	9218	Vedant Patankar		05	10	13	05	05	05	04	47
5	9177	Cheryl Almeida	Destop Voice Assistant	05	09	13	04	05	05	04	45
	9205	Nathan Lopes		05	09	13	04	05	05	04	45
	9204	Mathew Lobo		05	09	13	04	05	05	04	45

Examiner 1	Examiner 2	Examiner 3	Date of Evaluation
Sangeeta	Sangeeta		20/10/22

(Sangeeta P.) (Sushma N.)

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandstand, Bandra (W)

DEPARTMENT OF MECHANICAL ENGG.

(M.E-MECHANICAL with spl. in CAD/CAM & ROBOTICS)

To,
Mr. Siddhesh Bhopi,
Mr. Pranav Joshi
M.E Student(Mechanical)
Fr.CRCE, Bandra

Date: 18th Feb. 2022

Ref: Letter No: Exam/Engg./^{3558, N7}3560 of 2022 Dt. 27 Jan 2022.

**SUB: FINAL ORAL(VIVA-VOCE) EXAMINATION OF
MR. PRANAV JOSHI & MR. SIDDHESH BHOPJI**

Dear M.E Students,

Schedule of Project final Oral(Viva-Voce) Examination is as given below:-

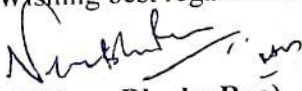
Date	Time (Session)	M.E Student Name	Internal Guide/Referee
19 th Feb. 2022	10.30 AM to 11.15 AM	Mr. Pranav Joshi	Dr. V.S. Jorapur (Fr. CRCE)
	11.15 AM to 12.00 PM	Mr. Siddhesh Bhopi	Prof. M. Veera Bhadra Rao (Fr.CRCE)

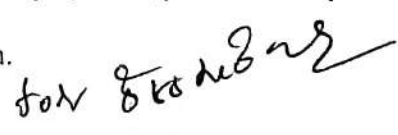
Mode of Examination : Google Meet Link : <http://meet.google.com/ifj-haca-eio>
(for both Sessions)


You are required to keep all relevant research content such as short videos, documents and ppt presentation, test certificates, research papers, important photographs and a copy of your Thesis in a folder which can be easily presentable during the Examination. Also, please send a copy of the same to miriyala.v@fragnel.edu.in for our college records.

Join the google meet session 10 minutes early, with proper bandwidth & connectivity. Camera should be ON throughout the presentation. Please limit to maximum 15 minutes for presentation followed by Q/A session. The whole process will be conducted under External Examiner supervision who is already appointed by University of Mumbai. For any Queries, pls. call to respective guides.

Wishing best regards for the examination.


(M. Veera Bhadra Rao)
M.E Co-ordinator (Mech.)
Fr.CRCE, Bandra


Dr. Bhushan T. Patil
Head & Prof.(Mechanical Engg.),
Dean (R&D)- Fr.CRCE


Dr. Srima Unnikrishnan
Principal (Fr.CRCE)

CC: Exam Cell, Fr.CRCE





SOCIETY OF ST. FRANCIS XAVIER, PILAR'S

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 67114101, 6711 4104 • Fax : 6711 4100

Website : www.frcrce.ac.in • Email : crce@fragnel.edu.in

NOTICE

(M.E – MECHANICAL with spl. in CAD/CAM & Robotics) Sem-III


CRCE/2019/ 461


Date: 22/11/2019

A Special Topic Seminar will be held on 11th December 2019 (Wednesday) for M.E (Mech.) Semester III at 10.30 A.M in the Conference Room, 5th Floor, Fr.CRCE Bldg., for which all students are required to be present with the following :-

- 3 certified special topic seminar reports
- Powerpoint presentation (minimum 10 slides)
- Reference materials.

It is required to get your reports plagiarism(copy) free and properly cited with proper referencing. For any clarifications, contact respective guides.


Head of Department (Production)


M.E Co-ordinator


Principal

UNIVERSITY OF MUMBAI

DATE: 27-4-18

Master of Engineering (Mechanical) with CAD/CAM & ROBOTICS (SEMESTER III)
(CBGS) Examination held in April 2018

COLLEGE : Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandra, Mumbai 400 050.

GROUP / SUBJECT : SEMINAR

S. N.	NAME	SEAT NO.	Attendance
1.	AISHWRYA SAGAR DANDGAWHAL		<u>Dandgawhal</u>


DATE & SIGNATURE OF PRINCIPAL

1) D. S. S. Sudhakar
DATE & SIGNATURE OF THE
INTERNAL EXAMINER



SEAL OF THE
COLLEGE

D. S. S. Sudhakar
NAME OF THE INTERNAL EXAMINER

2) Dr. Kisan Bhok 27/4/18
DATE & SIGNATURE OF THE
EXTERNAL EXAMINER

Dr. Kisan Bhok
NAME OF THE EXTERNAL EXAMINER

S.P.C.E., Mumbai