



Fr. Conceicao Rodrigues College of Engineering

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

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

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FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai-400050

Department of Computer Engineering
Academic Year 2020-2021

UNIT TEST 1 – TIME TABLE

TE. COMPUTER ENGINEERING

Date: 23th February, 2021

Date	Time	Subject Code	Subject	Faculty Incharge
08-03-2021	10:00 am To 11:00 am	CSC601	Software Engineering	Dr. B.S. Daga
08-03-2021	2:00 pm To 3:00 pm	CSC602	System Programming & Compiler Construction	Prof. .Supriya Kamoji
09-03-2021	10:00 am To 11:00 am	CSC603	Data Warehouse & Mining	Dr. Sujata Deshmukh
09-03-2021	2:00 pm To 3:00 pm	CSC604	Cryptography System Security	Prof. Sunil Chaudhari
10-03-2021	10:00 am To 11:00 am	CSDLO6021	Department Level Elective - Machine Learning	Dr. Sunil Krishnaji Surve

Department Coordinator

Prof. Roshni Padate

H.O.D.


Dr. B.S. Daga



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SPCC Proof of UT1 conducted online (8th March 2021)

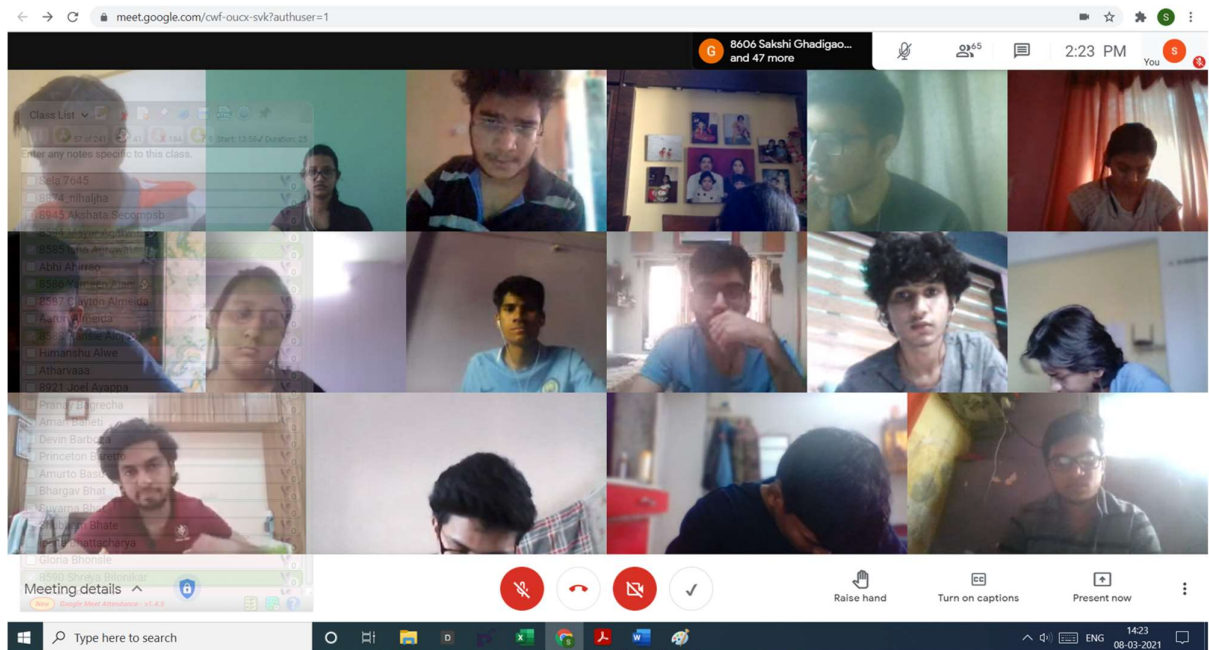
☰ SPCC
VI SEM COMP

 **SPCC UT1 LINK** ⋮

Supriya Kamoji • Mar 8

MCQs
<https://docs.google.com/forms/...>

Screen shot of students giving UT1 Online (8th March)





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Department of Computer Engineering
Academic Year 2020-2021

UNIT TEST 2 – TIME TABLE

TE. COMPUTER ENGINEERING

Date: 13th April, 2021

Date	Time	Subject Code	Subject	Faculty Incharge
26-04-2021	10:00 am To 11:00 am	CSC601	Software Engineering	Dr. B.S. Daga
26-04-2021	2:00 pm To 3:00 pm	CSC602	System Programming & Compiler Construction	Prof. .Supriya Kamoji
27-04-2021	10:00 am To 11:00 am	CSC603	Data Warehouse & Mining	Dr. Sujata Deshmukh
27-04-2021	2:00 pm To 3:00 pm	CSC604	Cryptography System Security	Prof. Sunil Chaudhari
28-04-2021	10:00 am To 11:00 am	CSDLO6021	Department Level Elective - Machine Learning	Dr. Sunil Krishnaji Surve

H.O.D.

Dr. B.S. Daga



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Subject CSS UT1 and UT2 conducted online (UT1-9th March 2021 and UT2 -27th April 2021)

TE_CSS2021_CSC604
Computer Engineering

Stream Classwork People Grades

Announce something to your class

5hq3mur

Upcoming
No work due soon
[View all](#)

Sunil Chaudhari posted a new assignment: Cryptography and System Security Unit Test 2
Apr 27

Sunil Chaudhari
Apr 27
CSS UT2 2021 FRCECE time 1.45 PM
<https://meet.google.com/unq-nsey-joc>

Add class comment...

Sunil Chaudhari posted a new assignment: CSS Unit Test 1
Mar 9

Sunil Chaudhari
Mar 9
CSS UT1 2021 FRCECE
<https://meet.google.com/unq-nsey-joc>



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Assignment Evaluation

Department of Information Technology

Course File Index

2020-2021

Course Name: Cryptography and Network Security (CNS)
Semester: V

Course ID: ITC504

2.1 Lesson Plan



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No of classes available:	45	No of Classes taken:	52	
Sr. No. and name	Topic Planned	Planned Date	Actual Date	Delivery Mechanisms
0	Basic Concepts of OSI layer	10/7	10/7	ONLINE CLASSES,
1. Introduction to number Theory	Services, Mechanisms -attacks	13/3	13/3	Videos, PPTS, Softcopy PDF material
	Attacks OSI security architecture Network security model	14/7	14/7	
	Network security model	15/7	15/7	
	Classical Encryption techniques Symmetric cipher model, mono alphabetic	17/7	17/7	
	polyalphabetic substitution techniques: Vignere cipher, playfair cipher,	20/7	20/7	
	Hill cipher	21/7	21/7	
	transposition techniques: keyed and keyless transposition ciphers,	22/7	22/7	
	steganography	24/7	24/7	
2. Block Ciphers and Public Key Cryptography:	Block Ciphers and Public Key Cryptography: DES- block cipher principles, modes of operations.			
	DES	27/7	27/7	
	AES	28/7	28/7	
	Triple DES- Blowfish	29/7	29/7	
	- RC5 algorithm	31/7	31/7	
	Public key cryptography: Principles of public key cryptosystems- RSA algo,	3/8	3/8	
	Knapsack algo	4/8	4/8	
	El-Gamal Algo	5/7	5/7	
Key management – Diffie Hellman Key exchange	7/7	7/7		



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3. Cryptographic Hashes, Message Digest and Digital Certificates	Authentication requirement- Authentication function, Types of authentications,	10/8	10/8
	Types of authentications	11/8	11/8
	MAC-Hash function- Security of Hash function	12/8	12/8
	MAC- MD5	14/8	14/8
	SHA- HMAC	17/8	17/8
	CMAC	18/8	18/8
	Digital Certificate: X.509,PKI	19/8	19/8
4. Digital Signature schemes and authentication protocols:	Digital Signature and authentication protocols: Needham Schroeder Authentication protocol	21/8	21/8
	Digital Signatures Schemes- RSA	31/8	31/8
	EI Gamal	1/9	1/9
	Shnorr	2/9	2/9
	DSS	4/9	4/9
5. Network Security	TCPIP vulnerabilities (layerwise), packet sniffing, ARP spoofing Distributed DOS, Defenses against DOS attacks.	7/9	7/9
	IP spoofing, TCP syn flood, DNS spoofing	8/9	8/9
	DOS- classic attacks,	9/9	9/9
	source address spoofing, ICMP flood, SYN flood, UDP flood,	11/9	11/9
	Distributed DOS, Defenses against DOS attacks	21/9	21/9
	Firewalls	22/9	22/9
	Intrusion detection system	23/9	23/9
6. Network Security applications: -	Authentication applications	25/9	25/9
	Kerberos,	28/9	28/9,29/9
	Security protocols: SSL, TLS.	29/9	30/9,5/10,6/10
	IPSEC: AH, ESP,	30/9	7/10



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	secure email: PGP	5/10	9/10,12/10	
	S/MIME, key Management	6/10	13/10	
	Revision	7/10,9/10.12/10,13/10	16/10-23/10	

Assignment Plan:

Assignment No	Date	CO/LO
1	14/11/2020	CO1,CO2
2	08/08/2020	CO3,CO4,CO5

Term Work:

Term Work shall consist of at least 10 to 12 practical's based on the above list. Also Term work

Journal must include at least 2 assignments.

Term Work Marks: 25 Marks (Total marks) = 15 Marks (Experiment) + 5 Marks (Assignments) + 5

Marks (Attendance)

Oral Exam: An Oral exam will be held based on the above syllabus.

Assignments Posted on Google Classroom

The screenshot shows a Google Classroom page for the course "Cryptography and Network security" (Third year IT). The page is divided into sections for "Stream", "Classwork", "People", and "Grades". Under the "Classwork" tab, there are two main sections: "Assignments" and "chapter 6".

Assignments:

- EXP7 (Due Nov 18, 2020)
- EXP6 (Due Nov 18, 2020)
- assignment no2 (Due Nov 18, 2020)
- Assignment No:1 (Due Aug 11, 2020)
- Traditional ciphers quiz (Due Aug 7, 2020, 1:30 PM)

chapter 6:

- PGP (Posted Nov 4, 2020)
- IPsec (Posted Nov 2, 2020)
- IPSEC handwritten (Posted Nov 2, 2020)



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Mini projects Evaluation

Mini Project IA1 Schedule

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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.



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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)		



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Bandra Mumbai -400 050

Mini Project IA1 Rubric Sheet

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:	10-11-2020
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



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Mini Project IA2 Schedule

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

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(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.



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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)		
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	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)		



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Mini Project IA2 Rubric Sheet

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 - II MARKSHEET

(MINI-PROJECT) (S.E. MECHANICAL / PRODUCTION ENGG.)

STUDENT NAME:	
ROLL NO:	
DATE OF EXAMINATION:	22-12-2020
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



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Bandra Mumbai -400 050

Final Year Projects Assessment

BE Project Semester VII Internal Assessment 1 (IA1) Notice



khanore CRCE <khanore@fragnel.edu.in>

First BE project Internal Assessment

1 message

sangeeta CRCE <sangeeta@fragnel.edu.in>
To: alden.noronha05@gmail.com, "CRCE, sapna" <sapna@fragnel.edu.in>
Cc: elex <elex@frcrce.ac.in>

Sun, Oct 11, 2020 at 12:21 PM

Dear students,

Hope this email finds you well!

Also hoping that each group is meeting to the resp. guide weekly and submit weekly reports.

Your first BE Project internal assessment is scheduled on 31st October, 2020. Here a complete literature survey and 20 -25% (software) implementation is expected. Detailed schedule will be mailed to you.

Thanks & Regards,
Sangeeta A. Parshionikar
Assistant Professor
Department of Electronics and Computer Science
Fr. Conceicao Rodrigues College of Engg.
Bandra (W), Mumbai - 50.
M. No. 9869 400 891



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BE Project Semester VII IA1 Schedule



Fr. Conceicao Rodrigues College of Engineering

Fr. Agnel Ashram, Bandstand, Bandra(W)
Mumbai – 400050

Department of Electronics

BE Project Internal Assessment - 1(Sem VII)

Venue 1:

Date: 31/10/2020

Timing: 9.30am – 1.30 pm

Mode of Conduct: Online Google meet

Panel: Dr. Sapna Prabhu, Mrs. Monika Khanore, Mrs. Jagruti Nagaonkar, Ms. Heena P.

Venue Coordinator: Prof. Heena Pendhari

Link: meet.google.com/yhi-skon-grp

Sr. No.	Students Name	Project Name	Time
1.	Allen Xavier Urvashi Dhingra Jacob Moulath	3D Mapping & Simulation of Terrain Using Embedded Systems and Unity Real Time Development.	9.30- 9.45 AM
2.	Sumanto Kar J. Scriptu Rajan Sebastian Dmello	Sentiment Based Movie Rating System	9.50 – 10.05 AM
3.	Arnav Agarwal Juilee Thakur Siddhant Shivdikar	Hand Gesture Recognition and Translation	10.10 – 10.25AM
4.	Noel John Leon C. Mahavir Chavda	Automated Electricity Bill Generation and Power Consumption monitoring using IOT enabled Web server	10.30 – 10.45AM
5.	Vismay Patil Alroy Pereira Maitraiya Shelka	READING EYE	10.50 – 11.05AM
6.	Janmanjay Saurabh Pankaj	Smart Shoe for Visually Impaired People	11.10 – 11.25AM



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7.	Khushi Parikh Aniket Masalkhamb Komal Shinde	IoT based Aquaculture monitoring for Fish farming	11.30 – 11.45AM
8.	Shree Lele Ashish Kumar	Preventing Drowsy Driving using Deep Learning	11.50 – 12.05PM
9.	Aniket Kochrekar Vikas Rai	Oil- Transformer health monitoring with IoT technology (Voltage, Current, Power, Gas, Vibration, Load)	12.10 – 12.25PM
10.	Rajeev Gupta Chyannk Kumar	Home Doctor	12.30 – 12.45PM
11.	Affan Khan Faizan Jetpurwala	Text-To-Speech Device for Visually Impaired People	12.50 – 1.05 PM

Venue 2:

Panel: Dr. D.V. Bhoir, Mrs. Swapnali Makdey, Mrs. Binsy Joseph, Mrs. Sangeeta P

Venue Coordinator: Prof. Sangeeta Parshionikar

Link - <https://meet.google.com/wwh-bhqr-moo>

Sr. No.	Students Name	Project Name	
1.	Om Nerurkar Rishita Pranjal Hrushikesh	Low Cost Portable Ventilator	9.30- 9.45 AM
2.	Aayush Chaube Ankit Jha	Covid Trace & Immunization Calculator	9.50 – 10.05 AM
3.	Joel Francis Sheryl Serrao	Design of 10-Bit SAR ADC in 180nm CMOS Technology	10.10 – 10.25 AM
4.	Aarti Bandekar MAunita Bhagat Anjana Singh	RECIPE RECOMMENDATION APPLICATION BASED ON REACT/REACT NATIVE AND MACHINE LEARNING	10.30 – 10.45 AM
5.	Sunil Kumar Pillai Flevin Fernandes	IoT Based Traffic Signal Automation By Detecting Traffic Intensity	10.50 – 11.05 AM
6.	Ashley Fernandez Vedanti Karnik	Mat lab Based Simulation System To Evaluate The Power and Torque for an Electric Vehicle	11.10 – 11.25 AM



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	Aditya Morajkar		
7.	Ashish Yadav Vivian Serrao Niketh Nair	IOT Based Gas Leakage Detection and Surveillance Vehicle	11.30 – 11.45AM
8.	Yash Kumar Amodini Pathare	Design and Verification of DDR SDRAM Controller using UVM Verification	11.50 – 12.05PM
9.	Aishwarya Parulekar Pragati RAO Sujoy Sawant	Chatbot for mental and health emergencies	12.10 – 12.25PM
10.	Jatin Dodiya Wamika Saini Mamta	Path Finder GUI Based Visualization Python Tool	12.30 – 12.45PM
11.	Sumit Chahande		12.50 – 1.05 PM

Venue 3:

**Panel: Prof. Narayanan, Mrs. Shilpa Patil, Mrs. Sushma Nagdeote,
Mrs. Archana Lopes, Mr. Jayen Modi**

Venue Coordinator: Prof. Archana Lopes

Link - <https://meet.google.com/ddb-eeut-cec>

Sr. No.	Students Name	Project Name	
1.	Shantanu Parab	Low-Cost Humanoid Robot	9.30- 9.45AM
2.	Ridhika Agarwal Saumeel Gabhare Lokesh Genekal	One Wheeled Self Balancing Robot	9.50 – 10.05AM
3.	Sholka Koli Aarti T. Manali More	Smart Helmet	10.10 – 10.25AM
4.	Sigmond Cardozo Gaurav Dashpute Smith D'souza	Automation in education industry using Robotic Process Automation (RPA)	10.30 – 10.45AM
5.	Alden Noronha Yadnesh Dhanawade Sneha Samuel	Anomaly Detection in Ambient Air Quality using Autoregressive Integrated Moving Average Technique	10.50 – 11.05AM
6.	Raj Lad Omkar Shirsath	E-sports data analysis with the help of neural networks	11.10 – 11.25AM



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	Prashant		
7.	Ambika Shinde Jagruti Bhanushali Prashant Singh Rawat	Oil spill and debris detection using SAR images	11.30 – 11.45AM
8.	Smit Joshi Darren D'Souza Deril Miranda	Emotion Detection using Deep Learning	11.50 – 12.05PM
9.	Sakshi Dave Yash Kane	Predicting the Impact of Android Malicious Samples via Machine Learning	12.10 – 12.25PM
10.	Maria Anthony Anmol Singh Swarup Saju	PatDoc App	12.30 – 12.45PM
11.	Sameer Yengde Jhanvi Mendha	Smart intercom	12.50 – 1.05 PM



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BE Project Semester VII IA1 Rubric Sheet



Fr. Conceicao Rodrigues College of Engineering

Fr. Agnel Ashram, Bandstand, Bandra(W)
Mumbai – 400050

Department of Electronics

B. E. Project (Sem VII) Internal Assessment - 1

Panel: Dr. Sapna Prabhu, Mrs. Monika Khanore, Mrs. Jagruti Nagaonkar, Ms. Heena Pendhari
Timing: 9.30 – 1.00 pm

Date: 31/10/2020
Venue: Online Google meet

Sr. No.	Students Name	Project Name	Quality of the problem statement (5M) - Technical credibility - Innovation - Special Relevance (Social /safety/cultural etc) CO1	Literature Survey(10) CO2	Implementation & Scheme of Implementation (5M) - Feasibility of problem solution - Clarity of objective and scope CO3	Presentation (5M) -Delivery Organization of content Q and A CO4	Remarks
1.	Allen Xavier Urvashi Dhingra Jacob Moulath	3D Mapping & Simulation of Terrain Using Embedded Systems and Unity Real Time Development.					
2.	Sumanto Kar J. Scriptu Rajan Sebastian Dmello	Sentiment Based Movie Rating System					



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3.	Arnav Agarwal Juilee Thakur Siddhant Shivdikar	Hand Gesture Recognition and Translation					
4.	Noel John Leon C. Mahavir Chavda	Automated Electricity Bill Generation and Power Consumption monitoring using IOT enabled Web server					
5.	Vismay Patil Alroy Pereira Maitraya Shelka	READING EYE					
6.	Janmanjay Saurabh Pankaj	Smart Shoe for Visually Impaired People					
7.	Khushi Parikh Aniket Masalkhamb Komal Shinde	IoT based Aquaculture monitoring for Fish farming					
8.	Shree Lele Ashish Kumar	Preventing Drowsy Driving using Deep Learning					
9.	Aniket Kochrekar Vikas Rai	Oil- Transformer health monitoring with IoT technology (Voltage, Current, Power, Gas, Vibration, Load)					
10.	Rajeev Gupta Chyannk Kumar	Home Doctor					



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11.	Affan Khan Faizan Jetpurwala	Text-To-Speech Device for Visually Impaired People					
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Fr. Agnel Technical Education Complex Bandstand,
Bandra Mumbai -400 050

BE Project Semester VIII IA1 Notice

Fr. CRCE
e-mail



khanore CRCE <khanore@fragnel.edu.in>

BE Project Internal Assessment dates for Sem VIII

1 message

sangeeta CRCE <sangeeta@fragnel.edu.in>

Sun, Mar 14, 2021 at 9:35 PM

To: sujoy.sawant1@gmail.com, Arnav Agarwal <arnav.crce@gmail.com>, elex <elex@frcrce.ac.in>, "CRCE, sapna" <sapna@fragnel.edu.in>

Dear students,

I hope you all are doing your project work in true spirit,

Also hope that each group is meeting the resp. guide weekly and submitting weekly reports.

This semester's first BE Project internal assessment is scheduled on 22nd March, 2021 at 2.00 pm.
75% (software as well as hardware if any) implementation is expected. Detailed schedule will be mailed to you soon.

Second BE project IA will be on 17th April 2021, wherein 100% project completion is must along with approved softcopy of blackbook.

Thanks & Regards,
Sangeeta A. Parshionkar
Assistant Professor
Department of Electronics and Computer Science
Fr. Conceicao Rodrigues College of Engg.
Bandra (W), Mumbai - 50,
M. No. 9869 400 891



Fr. Conceicao Rodrigues College of Engineering

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

BE Project Semester VIII IA1 Schedule



Fr. Conceicao Rodrigues College of Engineering

Fr. Agnel Ashram, Bandstand, Bandra(W)
Mumbai – 400050

Department of Electronics

BE Project Internal Assessment - 1(Sem VIII)

Venue 1:

Date: 22/03/2021

Timing: 2.00pm – 4.00 pm

Mode of Conduct: Online Google meet

Panel: Dr. Sapna Prabhu, Mrs. Monika Khanore, Mrs. Jagruti Nagaonkar, Ms. Heena P.

Venue Coordinator: Prof. Heena Pendhari

Sr. No.	Students Name	Project Name	Time
1.	Allen Xavier Urvashi Dhingra Jacob Moulath	3D Mapping & Simulation of Terrain Using Embedded Systems and Unity Real Time Development.	2.00 – 2.10 PM
2.	Sumanto Kar J. Scriptu Rajan Sebastian Dmello	Sentiment Based Movie Rating System	2.10 – 2.20 PM
3.	Arnav Agarwal Juilee Thakur Siddhant Shivdikar	Hand Gesture Recognition and Translation	2.20 – 2.30 PM
4.	Noel John Leon C. Mahavir Chavda	Automated Electricity Bill Generation and Power Consumption monitoring using IOT enabled Web server	2.30 – 2.40 PM
5.	Vismay Patil Alroy Pereira Maitraiya Shelka	READING EYE	2.40 – 2.50 PM
6.	Janmanjay Saurabh Pankaj	Smart Shoe for Visually Impaired People	2.50 – 3.00 PM
7.	Khushi Parikh Aniket Masalkhamb Komal Shinde	IoT based Aquaculture monitoring for Fish farming	3.00 – 3.10 PM



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8.	Shree Lele Ashish Kumar	Preventing Drowsy Driving using Deep Learning	3.10 – 3.20 PM
9.	Aniket Kochrekar Vikas Rai	Oil- Transformer health monitoring with IoT technology (Voltage, Current, Power, Gas, Vibration, Load)	3.20 – 3.30 PM
10.	Rajeev Gupta Chyannk Kumar	Home Doctor	3.30 – 3.40 PM
11.	Affan Khan Faizan Jetpurwala	Text-To-Speech Device for Visually Impaired People	3.40 – 3.50 PM

Venue 2:

Panel: Dr. D.V. Bhoir, Mrs. Swapnali Makdey, Mrs. Binsy Joseph, Mrs. Sangeeta P

Venue Coordinator: Prof. Sangeeta Parshionikar

Sr. No.	Students Name	Project Name	
1.	Om Nerurkar Rishita Pranjal Hrushikesh	Low Cost Portable Ventilator	2.00 – 2.10 PM
2.	Aayush Chaube Ankit Jha	Covid Trace & Immunization Calculator	2.10 – 2.20 PM
3.	Joel Francis Sheryl Serrao	Design of 10-Bit SAR ADC in 180nm CMOS Technology	2.20 – 2.30 PM
4.	Aarti Bandekar MAunita Bhagat Anjana Singh	Recipe Recommendation Application Based On React/React Native And Machine Learning	2.30 – 2.40 PM
5.	Sunil Kumar Pillai Flevin Fernandes	IoT Based Traffic Signal Automation By Detecting Traffic Intensity	2.40 – 2.50 PM
6.	Ashley Fernandez Vedanti Karnik Aditya Morajkar	Mat lab Based Simulation System To Evaluate The Power and Torque for an Electric Vehicle	2.50 – 3.00 PM
7.	Ashish Yadav Vivian Serrao Niketh Nair	IOT Based Gas Leakage Detection and Surveillance Vehicle	3.00 – 3.10 PM



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8.	Yash Kumar Amodini Pathare	Design and Verification of DDR SDRAM Controller using UVM Verification	3.10 – 3.20 PM
9.	Aishwarya Parulekar Pragati RAo Sujoy Sawant	Chatbot for mental and health emergencies	3.20 – 3.30 PM
10.	Jatin Dodiya Wamika Saini Mamta	Path Finder GUI Based Visualization Python Tool	3.30 – 3.40 PM
11.	Sumit Chahande		3.40 – 3.50 PM

Venue 3:

Panel: Prof. Narayanan, Mrs. Shilpa Patil, Mrs. Sushma Nagdeote,

Mrs. Archana Lopes, Mr. Jayen Modi

Venue Coordinator: Prof. Archana Lopes

Sr. No.	Students Name	Project Name	
1.	Shantanu Parab	Low-Cost Humanoid Robot	2.00 – 2.10 PM
2.	Ridhika Agarwal Saumeel Gabhare Lokesh Genekal	One Wheeled Self Balancing Robot	2.10 – 2.20 PM
3.	Sholka Koli Aarti T. Manali More	Smart Helmet	2.20 – 2.30 PM
4.	Sigmond Cardozo Gaurav Dashpute Smith D'souza	Automation in education industry using Robotic Process Automation (RPA)	2.30 – 2.40 PM
5.	Alden Noronha Yadnesh Dhanawade Sneha Samuel	Anomaly Detection in Ambient Air Quality using Autoregressive Integrated Moving Average Technique	2.40 – 2.50 PM
6.	Raj Lad Omkar Shirsath Prashant	E-sports data analysis with the help of neural networks	2.50 – 3.00 PM
7.	Ambika Shinde Jagruti Bhanushali Prashant Singh Rawat	Oil spill and debris detection using SAR images	3.00 – 3.10 PM
8.	Smit Joshi Darren D'Souza Deril Miranda	Emotion Detection using Deep Learning	3.10 – 3.20 PM



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9.	Sakshi Dave Yash Kane	Predicting the Impact of Android Malicious Samples via Machine Learning	3.20 – 3.30 PM
10.	Maria Anthony Anmol Singh Swarup Saju	PatDoc App	3.30 – 3.40 PM
11.	Sameer Yengde Jhanvi Mendha	Smart intercom	3.40 – 3.50 PM



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BE Project Semester VIII IA1 Rubric Sheet



Fr. Conceicao Rodrigues College of Engineering

Fr. Agnel Ashram, Bandstand, Bandra(W)
Mumbai – 400050

Department of Electronics

B. E. Project (Sem VIII) Internal Assessment - 1

Panel: Dr. Sapna Prabhu, Mrs. Monika Khanore, Mrs. Jagruti Nagaonkar, Ms. Heena Pendhari
Timing: 2.00 – 4.00 pm

Date: 22/03/2021
Venue: Online Google meet

Sr. No.	Students Name	Project Name	Implementation (Design) and Testing (15M) - 75 % Project work (15) - 60% work (10) - < 60% work (5) CO2	Team Work/ Individual Contribution (5M) CO4	Weekly Report Writing (5M) CO3 –weekly reports	Total Marks (25M)
1.	Allen Xavier Urvashi Dhingra Jacob Moulath	3D Mapping & Simulation of Terrain Using Embedded Systems and Unity Real Time Development.				
2.	Sumanto Kar J. Scriptu Rajan Sebastian Dmello	Sentiment Based Movie Rating System				



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3.	Arnav Agarwal Juilee Thakur Siddhant Shivdikar	Hand Gesture Recognition and Translation				
4.	Noel John Leon C. Mahavir Chavda	Automated Electricity Bill Generation and Power Consumption monitoring using IOT enabled Web server				
5.	Vismay Patil Alroy Pereira Maitreya Shelka	READING EYE				
6.	Janmanjay Saurabh Pankaj	Smart Shoe for Visually Impaired People				
7.	Khushi Parikh Aniket Masalkhamb Komal Shinde	IoT based Aquaculture monitoring for Fish farming				
8.	Shree Lole Ashish Kumar	Preventing Drowsy Driving using Deep Learning				
9.	Aniket Kochrekar Vikas Rai	Oil- Transformer health monitoring with IoT technology (Voltage, Current, Power, Gas, Vibration, Load)				
10.	Rajeev Gupta Chyannk Kumar	Home Doctor				



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11.	Affan Khan Faizan Jetpurwala	Text-To-Speech Device for Visually Impaired People				
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BE Project Semester VIII IA2 Notice



khanore CRCE <khanore@fragnel.edu.in>

BE Project IA postponed to 19th April 2021

1 message

sangeeta CRCE <sangeeta@fragnel.edu.in>

Wed, Apr 14, 2021 at 10:37 PM

To: elex <elex@frcrce.ac.in>, "CRCE, sapna" <sapna@fragnel.edu.in>, sujoy.sawant1@gmail.com, Arnav Agarwal <arnav.crce@gmail.com>


Dear all,

BE project Internal assessment is postponed to Monday, 19th April 2021 from 2.00 to 4.00 PM as the Department is having a Faculty Development program on 16 & 17th april 2021. Students are expected to present a complete project demonstration (100% implementation) on Monday. PPTs are not required.

Please find the attached black book format.

Students are expected to prepare a proper detailed report of their project. For further guidance on black book preparation, please consult respective project guides.

Thanks & Regards,
Sangeeta A. Parshionikar
Assistant Professor
Department of Electronics and Computer Science
Fr. Conceicao Rodrigues College of Engg.
Bandra (W), Mumbai - 50.
M. No. 9869 400 891

 **Black book guidellines.pdf**
270K



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BE Project Semester VIII IA2 Schedule



Fr. Conceicao Rodrigues College of Engineering

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Mumbai – 400050

Department of Electronics

BE Project Internal Assessment – 2 (Sem VIII)

Venue 1:

Date: 19/04/2021

Timing: 2.00pm – 4.00 pm

Mode of Conduct: Online Google meet

Panel: Dr. Sapna Prabhu, Mrs. Monika Khanore, Mrs. Jagruti Nagaonkar, Ms. Heena P.

Venue Coordinator: Mrs. Jagruti Nagaonkar

Sr. No.	Students Name	Project Name	Time
1.	Allen Xavier Urvashi Dhingra Jacob Moulath	3D Mapping & Simulation of Terrain Using Embedded Systems and Unity Real Time Development.	2.00 – 2.10 PM
2.	Sumanto Kar J. Scriptu Rajan Sebastian Dmello	Sentiment Based Movie Rating System	2.10 – 2.20 PM
3.	Arnav Agarwal Juilee Thakur Siddhant Shirdikar	Hand Gesture Recognition and Translation	2.20 – 2.30 PM
4.	Noel John Leon C. Mahavir Chavda	Automated Electricity Bill Generation and Power Consumption monitoring using IOT enabled Web server	2.30 – 2.40 PM
5.	Vismay Patil Alroy Pereira Maitraiya Shelka	READING EYE	2.40 – 2.50 PM
6.	Janmanjay Saurabh Pankaj	Smart Shoe for Visually Impaired People	2.50 – 3.00 PM
7.	Khushi Parikh Aniket Masalkhamb	IoT based Aquaculture monitoring for Fish farming	3.00 – 3.10 PM



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	Komal Shinde		
8.	Shree Lele Ashish Kumar	Preventing Drowsy Driving using Deep Learning	3.10 – 3.20 PM
9.	Aniket Kochrekar Vikas Rai	Oil- Transformer health monitoring with IoT technology (Voltage, Current, Power, Gas, Vibration, Load)	3.20 – 3.30 PM
10.	Rajeev Gupta Chyannk Kumar	Home Doctor	3.30 – 3.40 PM
11.	Affan Khan Faizan Jetpurwala	Text-To-Speech Device for Visually Impaired People	3.40 – 3.50 PM

Venue 2:

Panel: Dr. D.V. Bhoir, Mrs. Swapnali Makdey, Mrs. Binsy Joseph, Mrs. Sangeeta P

Venue Coordinator: Prof. Sangeeta Parshionikar

Sr. No.	Students Name	Project Name	
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2.	Om Nerurkar Rishita Pranjal Hrushikesh	Low Cost Portable Ventilator	2.10 – 2.20 PM
3.	Aayush Chaube Ankit Jha	Covid Trace & Immunization Calculator	2.20 – 2.30 PM
4.	Joel Francis Sheryl Serrao	Design of 10-Bit SAR ADC in 180nm CMOS Technology	2.30 – 2.40 PM
5.	Aarti Bandekar MAunita Bhagat Anjana Singh	Recipe Recommendation Application Based On React/React Native And Machine Learning	2.40 – 2.50 PM
6.	Sunil Kumar Pillai Flevin Fernandes	IoT Based Traffic Signal Automation By Detecting Traffic Intensity	2.50 – 3.00 PM



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7.	Ashley Fernandez Vedanti Karnik Aditya Morajkar	Mat lab Based Simulation System To Evaluate The Power and Torque for an Electric Vehicle	3.00 – 3.10 PM
8.	Ashish Yadav Vivian Serrao Niketh Nair	IOT Based Gas Leakage Detection and Surveillance Vehicle	3.10 – 3.20 PM
9.	Yash Kumar Amodini Pathare	Design and Verification of DDR SDRAM Controller using UVM Verification	3.20 – 3.30 PM
10.	Jatin Dodiya Wamika Saini Mamta	Path Finder GUI Based Visualization Python Tool	3.30 – 3.40 PM
11.	Sumit Chahande		3.40 – 3.50 PM

Venue 3:

Panel: Prof. Narayanan, Mrs. Shilpa Patil, Mrs. Sushma Nagdeote,
Mrs. Archana Lopes, Mr. Jayen Modi
Venue Coordinator: Mrs. Sushma Nagdeote

Sr. No.	Students Name	Project Name	
1.	Shantanu Parab	Low-Cost Humanoid Robot	2.00 – 2.10 PM
2.	Ridhika Agarwal Saumeel Gabhare Lokesh Genekal	One Wheeled Self Balancing Robot	2.10 – 2.20 PM
3.	Sholka Koli Aarti T. Manali More	Smart Helmet	2.20 – 2.30 PM
4.	Sigmond Cardozo Gaurav Dashpute Smith D'souza	Automation in education industry using Robotic Process Automation (RPA)	2.30 – 2.40 PM
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7.	Ambika Shinde Jagruti Bhanushali Prashant Singh Rawat	Oil spill and debris detection using SAR images	3.00 – 3.10 PM
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	Darren D'Souza Deril Miranda		
9.	Sakshi Dave Yash Kane	Predicting the Impact of Android Malicious Samples via Machine Learning	3.20 – 3.30 PM
10.	Maria Anthony Anmol Singh Swarup Saju	PatDoc App	3.30 – 3.40 PM
11.	Sameer Yengde Jhanvi Mendha	Smart intercom	3.40 – 3.50 PM



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BE Project Sem VIII IA2 Rubric Sheet

Fr. Conceicao Rodrigues College of Engineering

Fr. Agnel Ashram, Bandstand, Bandra(W)
Mumbai – 400050

Department of Electronics



B. E. Project (Sem VIII) Internal Assessment – 2

Panel: Dr. Sapna Prabhu, Mrs. Monika Khanore, Mrs. Jagruti Nagaonkar, Ms. Heena Pendhari
Timing: 2.00 – 4.00 pm
Venue: Online Google meet
Venue Coordinator: Mrs. Jagruti Nagaonkar

Date: 19/04/2021

Sr. No.	Students Name	Project Name	Complete Project Demonstration (15 M) CO 1&2	Team Work/ Individual Contribution (5M) CO4	Weekly Report Writing (5M) CO3 –weekly reports	Total Marks (25M)
1.	Allen Xavier Urvashi Dhingra Jacob Moulath	3D Mapping & Simulation of Terrain Using Embedded Systems and Unity Real Time Development.				
2.	Sumanto Kar J. Scriptu Rajan Sebastian Dmello	Sentiment Based Movie Rating System				



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3.	Arnav Agarwal Juilee Thakur Siddhant Shivdikar	Hand Gesture Recognition and Translation				
4.	Noel John Leon C. Mahavir Chavda	Automated Electricity Bill Generation and Power Consumption monitoring using IOT enabled Web server				
5.	Vismay Patil Alroy Pereira Maitreya Shelka	READING EYE				
6.	Janmanjay Saurabh	Smart Shoe for Visually Impaired People				
7.	Khushi Parikh Aniket Masalkhamb Komal Shinde	IoT based Aquaculture monitoring for Fish farming				
8.	Shree Lole Ashish Kumar	Preventing Drowsy Driving using Deep Learning				
9.	Aniket Kochrekar Vikas Rai	Oil- Transformer health monitoring with IoT technology (Voltage, Current, Power, Gas, Vibration, Load)				
10.	Rajeev Gupta Chyannk Kumar	Home Doctor				



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11.	Affan Khan Faizan Jetpurwala	Text-To-Speech Device for Visually Impaired People				
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Termwork Evaluation

FR. Conceicao Rodrigues College Of Engineering

Father Agnel Ashram, Bandstand, Bandra-west, Mumbai-50

Department of Computer Engineering

T.E. (Computer) (semester VI)

(2020-2021)

Termwork Calculation

System Programming and Compiler Construction

Sr.no	Roll-No	Name	Lab(15)	assignment(5)	Attendance(5)	TW
1	7934	Dussa Atish Mallikarjun	12	2	2	16
2	8584	Agarwal Mayur Dinesh	15	4	4	23
3	8585	Agrawal Isha	13	4	4	21
4	8586	Ajani Yameen Tanveer	15	4	3	23
5	8587	Almeida Clayton Denis	14	4	4	22
6	8588	Aloj Hansie Dilip	15	4	4	23
7	8589	Bakhai Rishil Jayesh	14	3	3	20
8	8590	Bilonikar Shreya Kailas	15	4	4	23
9	8591	Biswas Simran Amit	15	4	4	23
10	8592	Castellino Dion Trevor D.	13	4	4	21
11	8593	Chaube Nitin Sunil	14	4	3	21
12	8594	Chaudhari Aniruddha M.	13	4	3	20
13	8596	Colaco Raj Prakash	13	4	4	21
14	8597	Dabre Chelsea Moses	15	4	4	23
15	8598	Dcruz Smith Richard	13	3	4	20
16	8599	Dias Mario Jonas	15	4	4	23
17	8600	Dodti Nash Michael	13	3	4	20
18	8601	Dsa Nigel Godfrey	14	4	4	22
19	8602	Dsilva Celine Leonard	14	4	4	22
20	8603	Fernandez Chris Jackson	13	4	4	21
21	8604	Gaur Samyak	14	4	4	22
22	8605	George Ron Shaju	13	3	4	20
23	8606	Ghadigaonkar Sakshi Sunil	14	3	4	21
24	8607	Godinho Joshua Joaquim	13	4	4	20
25	8608	Hodges Lyndon Luke Allen	14	3	4	21
26	8609	Iyer Sahaana Chandramoulee	15	3	4	22
27	8610	Jain Sahil Jitesh	13	3	4	20
28	8611	Kavedia Umang Bhavesh	14	3	4	21
29	8612	Khasgiwala Yash Santosh	14	3	4	21
30	8613	Lopes Princely Jonas	13	3	4	20



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31	8614	Mangalorkar Krish Sunil	15	3	4	22
32	8615	Mascarenhas Nicola Mary A.	14	3	3	20
33	8616	Mascarenhas Nisha Nitin	15	4	4	23
34	8617	Mascarenhas Samantha R.	15	4	4	23
35	8618	Mendonca Carol Sierra N.	14	3	4	21
36	8619	Menezes Tristan Thomas	13	3	4	20
37	8620	Mishra Vinayak Shyamsunder	13	3	4	20
38	8621	Nadar Justin Sureshkumar	14	3	4	21
39	8622	Nadar Yohann Vijaykumar	13	4	4	21
40	8623	Naphade Akshay Mangesh	14	4	4	22
41	8624	Ninan Nijo Saju	13	4	4	21
42	8625	Nunes Calvin Leo	13	4	4	21
43	8626	Phadakale Divita Chandrakant	15	4	4	23
44	8627	Pinto Astle Sales	13	3	4	20
45	8628	Potdukhe Karishma Sanjeev	15	4	4	23
46	8629	Pothen Tresa	13	3	4	20
47	8630	Purohit Suryansh Bhupesh	14	3	4	21
48	8631	Reddy Ganesh Bheemesh	13	4	4	21
49	8632	Rede Praditi Pramod	14	3	4	21
50	8633	Rodrigues Swini Valerian	14	3	4	21
51	8634	Rolwyn Raju	13	3	4	20
52	8636	Rumao Gladden Mathew	13	3	4	20
53	8637	Sadhu Arpan	13	3	4	20
54	8638	Shah Parth Rabindu	13	3	4	20
55	8639	Sharma Sheetal Tarsam	14	3	4	21
56	8640	Shetty Sanath Krishna	14	3	4	21
57	8641	Shinde Rahul Santosh	13	3	4	20
58	8642	Singh Ashish Bikram Singh	13	3	4	20
59	8643	Slathia Divyanshu	13	3	4	20
60	8644	Tijo K Thomas	14	3	4	21
61	8645	Tomar Ayush Devendra	14	3	4	21
62	8646	Tripathi Sudheer Vijaykumar	14	3	4	21
63	8647	Vadukoot Abisha Benny	15	4	4	23
64	8648	Yadav Ayush Ramkaran	13	3	2	18
65	8663	Novia Vijay D'silva	15	3	4	22
66	8762	Shorn Correia	14	3	4	21
67	8763	Aaron Domingo	14	3	4	21
68	8764	Dunstan Anthony Peter D'souza	14	3	4	21
69	8765	Aadarsh Dayanand Kshirsagar	14	3	4	21
70	8766	Aditi Pai	14	3	4	21
71	8767	Zachariah Mathew Suresh	14	3	4	21



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Bandra Mumbai -400 050**