FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai – 400 050

INDEX

Special Programs for advanced and slow learners

Catering to Student Diversity

To support advanced and slow learners, following actions are taken:

1. Class teacher prepares the list of advanced and slow learners by taking feedback from different teachers based on participation of the students in class room discussions, performance in class tests, online quiz, Moodle courses, assignments, class room seminars, mini projects and feedbacks measure their learning abilities.
2. Mentor allotment is done by department at the beginning of academic year. Preferably, mentors shall be appointed at beginning of second year and shall continue till student passes out. For first year, mentors are appointed for one year only. Mentors are responsible to monitor progress of the advanced and slow learners. Also, they are responsible to identify reluctant students and provide basic counselling. Mentors prepare the report and submit to HOD periodically.
3. Subject teachers also identify advanced and slow learners as per the academic performance in their subjects (may include parameters like attendance, class performance, ability to solve assignment, lab performance, test performance, etc.). Subject teachers prepare report and submit to class teacher.
4. For slow learners, remedial lectures/tutorials are conducted on regular basis. This will help them to perform better in the academics.
5. To support advanced learners, they are encouraged to participate in technical teams, project competitions, hackathons and prepare for competitive examinations.

Sample list of slow and advanced learners is attached as below.

**Case study of highlighted students is attached which includes every student personal and academic information, mentor mentee interaction form and outcome of strong students.

***Also, extra efforts taken for slow learners to improve their overall performance is attached.

Department of Computer Engineering

LIST OF SLOW AND ADVANCED LEARNERS

Academic Year 2022-23

BE Division (A & B)

ADVANCED LEARNER	CGPA	SLOW LEARNER	CGPA
Buit Atharva	8.14	Bhupatwar Amardeep	**Drop**
Chetta Rissa	9.14	Greatson Lobo	**Fail**
Dias Nicole	8.71		
Dsouza Aaron	8.52		
Kushwah Ravisingh	9.43		
Mourya Raj-**	8.86		
Vinyas Kulal.	8.55		
Liny Mathew	8.7		
Aditya Mahamuni	8.14		
Warren Fernandes	9.68		
Anna Benoy George	8.05		
Gini Chacko	9.45		
Colaco Dillon Denis	8.09		
Yash Deshmukh	8.36		
Jesica Johny Dsouza	8.59		
Shetty Sakshi Aruna	9.05		
Rohan Shaji Tapulli	9.41		
Candida Noronha	9.05		
Syed Irfan Amjad Abidi-**	8.91		
Colin Dsouza	8.5		
Rincy Fernandes	9.59		
Lizel Fernandes	9.18		

TE Division A & B

ADVANCED LEARNER	CGPA	SLOW LEARNER	CGPA
Riddhi Oza Dinesh-**	10	Pawar Nayan Santosh	**KT**
Banjan Pooja Jaya	9.61	Emmatty Samuel Timothy	7
Kadam Chinmay Vijay	8.7	Bhosale Abhay Anil	5.65
Jaiswal Nitesh Chhaibar	9.74	Demello Rudolf Jalacio	6.91
Correia Meryl Neil	9	**Crasto Enrique-*****	**KT**

Mascarenhas Royston Elliam	9.48	Rodrigues Zeal-***	KT
Deshmukh Afif Imtiyaz Khan	8.57		
Dsouza Kyle Malcolm	8.96		
Itwala Mahek	9.18		
Montera Malaika Melwan	9.73		
Martina John July	9.05		
Dsilva Ivan Rony IDA	9.86		
Ansari Hudah Firoz	9.32		
Kasturi Saikiran Devraj	8.32		
Lobo Mathew John	8.64		
Lopes Nathan Charles	8.68		
Narohna Trevelyn Terence	8.23		
Atharva Pawar-**	9.02		
Glenn Medonca-**	9.5		
Patra Srijita	8.91		
Pimenta Shaun Roland	8.23		
Gracious Deon-**	9.34		

SE Division A & B

ADVANCED LEARNER	CGPA	SLOW LEARNER	CGPA
Andre John	9.5	Almeida Bastien Prakash	KT-OS
Mishra Gaurav Surendra	9	Dhar Kartik Vijay	5.79
Brita	9	Kalekar Pratham Pandurang	KT- Maths, AOA, DBMS, OS
Patil Sanat Sushant	9.46	Mahajan Kaushal Sushil	KT- Maths, OS, MP Theory and AOA, Practical
Pereira Winster Clyde	9.42	Panikkassery Shreya Bose	7.63
Saldanha Amanda Ronny	9.13	Rodrigues Crisell Renwick	7.75
Akshaya Lakshmi Chandrasekar	9.38	Saner Raj Sunil F	KT- Maths, MP Theory, AOA, OS Practical
Joshi Gaurav Gopal	9.25	Sharon Christyraj	Failed in all Theory, AOA, OS practical
Nadar Becky Jesu Selvan	8.75	Bhat Shreedhar Venkatesh	OS and Maths KT

Gaurav Mishra	9.61	Shinde Mihir Rajendra	OS and Maths KT
Vedant Pathare	9.74	Sukhtankar Kashmira Mahesh	MP KT
Winster Pereira	9.87	Yadav Ishita	MP KT
Amanda Saldanha	9.61	Bhat Mudabbir Hussain	8.33
Aroj Lloyd Louis	8.08		
D Cruz Janice Sunil	9.79		
Fernandes Crystal Elaine	9.54		
Almeida Sania Noel	8.13		
Chaughule Chhand Kunal	9.5		
Dalvi Atharva Ajay	9.75		
Dcosta Reanne	9.88		
Castelino Aston Renith Ronald	9		
Sequeira Slayde Sylvester	8.71		
EMIN JOY	8.5		
Falcao Nicole Neil	9.25		

Dr. Sujata Deshmukh

HoD, Department of Computer Engineering

Personal Information

Sur Name	MOURYA
First Name	RAJ
Middle/Father Name	HARINDAR
Mother Name	IMRITI
Gender	MALE
Birth Details	Birth Date : 31-10-2001 · Birth Place : KASHINAGAR (UP)
Correspondence Address	ROOM NO 705 7TH FLOOR RATILAL THAKARSHI BUILDING PM ROAD VILE PARLE EAST Taluka : ANDHERI District : MUMBAI State : Maharashtra Pincode : 400057
Permanent Address	ROOM NO 705 7TH FLOOR RATILAL THAKARSHI BUILDING PM ROAD VILE PARLE EAST Taluka : ANDHERI District : MUMBAI State : Maharashtra Pincode : 400057
Telephone No.	Phone : Mobile : 8299263986 Father : 7715005078 Mother : Guardian :
E-mail ID	rajharindarmourya@gmail.com
Caste	Religion : HINDU SubCaste :
Category	OPEN
Mother Tongue	Hindi
Blood Group	
Aadhar No.	381847613159
Achievement / Prizes / Awards won if any	
Special Interests if any (Sports/Other activities)	
Annual Income of the Parents	Rs. 200000/-

Admission Details

Admission Date	26-07-2019
Admission Category	CAP Admission - FE-CET
C.E.T. / AIEEE - P.C.M.	Marks Obtained : 98.0779676 Marks out of : 100
H.S.C. or Equivalent - P.C.M.	Marks Obtained : 253 Marks out of : 300
Univ. Permanent Reg. No. (PRN)	2019016402270415

Academic Details

H.S.C. or Equivalent	Board : MAHARASHTRA Marks Obtained : 541 Marks out of : 650 Year of Passing : 2019 School : MITHIBAI COLLEGE COLLEGE
S.S.C. or Equivalent	Board : MAHARASHTRA Marks Obtained : 449 Marks out of : 500 Year of Passing : 2017 School : THE GMES HIGH SCHOOL

Academic Status

Semester	Result	Marks	Out of	%/SGPA	CI/CGPA	Month & Year	Seat No.
I	PASS	552	675	9.33	9.33	December 2019	4029330
II	PASS	628	725	9.93	9.64	May 2020	6009975
III	PASS	725	775	10	9.78	December 2020	078
IV	PASS	732	775	10	9.84	May 2021	090
V	PASS	679	775	9.73	9.82	December 2021	038
VI	PASS	667	775	9.87	9.83	May 2022	047
VII							
VIII							

Current Term - Unit Test / Attendance	Unit Test - 1 Unit Test - 2
Old Terms - Unit Test / Attendance	—Select—

Parents Occupational Detail

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram , Bandstand, Bandra (W),Mumbai 50.

Department of Computer Engineering

Mentor Report

Name of Student	Raj Havindar Mourya
Roll Number	8889
Branch and Semester	Computer Engineering
Analysis after Test 1	• No. of subjects failed • No. of subjects in which score is less than 60%
Attendance	50%
Counselling session date	23/07/2020
Observations about counselling	**Personality Traits:** • Attitude (Write any 5 words that describes you) Strong Leader, Consistent, team manager, friendly, team builder. • Interested area (Technical and Non-Tech) Cloud Computing Devops football Singing • Your Strengths I have strong communication skill. Complete every task with quality. I don't have any technology barrier. • Your Weakness Less creative in terms of design aspect. Over supportive at certain times. Too cautious about deadline. • Communication ability (Rate yourself between 1-10 (10 is max): Fluency in languages: written and oral communication)

English 6
Hindi 9
Marathi 8

- Any Attraction or addiction (like mobile games, smoking, etc.)

No, I don't have any bad habit addictions. Although, I have attraction towards making Songs.

- Are you forced to do Engineering? (Y/N). If No, what you wanted to pursue?

No, I always wanted to pursue Computer Science.

Non-social/Social Engagements:
- Mention Self-initiative(s) if taken any:

I have helping my friends in academic purposes by explaining them different Concepts.

- Involvement in different activities (List events you participated and/or won in current semester)

- Are you a part of any social cause? (If yes, please give details)

- Are you currently doing any internship (if Yes, please give the details)

- Are you an entrepreneur? (if Yes, please give the details)

- Are you planning or preparing for Higher studies? (Y/N)

  No

- Do you have a job offer in hand (Answer if applicable, please give details)

  Yes, I have 2 job offers one from Coruscale and other from Dolat Capital. The package offered is 9 LPA and 16 LPA respectively.

Family Background:
- Home environment

(Parents Professions, siblings details, family financial conditions)

father - businessman, mother - housewife, brother - studying for CA exam, sister - working at axis bank. Family income is around 2 LPA - 3 LPA.

- Is your family finding it difficult to pay your fees? (Y/N)

  No

- Are you earning to support your family financially? (Y/N)

  No

- Have you taken student loan to support your education (Y/N)

  No

Mentors Remarks	Non-Academic Observations:
	Academic Observations: Very dedicated, motivated Student During Miniproject was motivated to Participate at eyrc. Do certification Courses to update his technical skills required.

Prof. Kranti Wagle

Mentor

Student Name and Sign

aws ✓ CERTIFIED

Raj Mourya

has successfully completed the AWS Certification
requirements and has achieved their:

AWS Certified Cloud Practitioner

Issue Date
Jul 21, 2021

Expiration Date
Jul 21, 2024

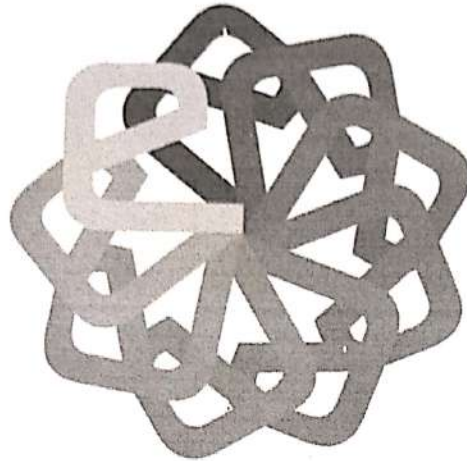Maureen Lonergan
Director, Training and Certification

Validation Number NFFM0T9DL2R4QRGH
Validate at: http://aws.amazon.com/verification

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ERTS Lab
Department of Computer Science and Engineering
Indian Institute of Technology Bombay,
Powai, Mumbai-400 076.

Certificate of Completion

This certificate is awarded to **Raj Harindar Mourya**, from **Fr. Conceicao Rodrigues College of Engineering, Bandra Maharashtra,** for successfully completing the **Disaster Management Informatics**, conducted as a part of MOOC through the **e-Yantra Innovation Challenge (eYIC)**.

The course covered following skillset:

Disaster Management Informatics - which covered Disaster Management (DM) typologies, understanding aspects of DM, getting practically trained in the use of tools such as Spatial Databases, QGIS and communication technology which can be used for DM

She/He is amongst the top 30% of the participants who took the above-mentioned MOOCs.

Prof. Kavi Arya
Principal Investigator, e-Yantra
Professor
Department of Computer Science and Engineering
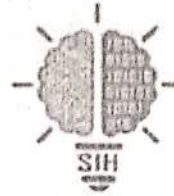Indian Institute of Technology Bombay

808f8bea067ab10ff779990846454fb40b08c57b9

e-Yantra is a project sponsored by MHRD, Government of India, under the National Mission on Education through ICT (NMEICT).

Certificate of Merit: awarded to the participant for outstanding performance in the course
Certificate of Completion: awarded to the participant for completing all the tasks in the course
Certificate of Participation: awarded to the participant for partial completion of tasks in the course

eyantra

Engineering a better tomorrow

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Ministry of
Education
Government of India

MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)

AICTE

Persistent

Azadi Ka
Amrit Mahotsav

SMART INDIA
HACKATHON
2022
SIH

#SIH Senior
Software Edition

GRAND
FINALE
2022
August
25-26

Winner

Certificate

This Certificate is awarded to

DIGITAL PIRATES — RAJ MOURYA

the winner of **Smart India Hackathon, 2022**
Heartiest Congratulations!

Sh. K Sanjay Murthy
Secretary, Higher Education,
Ministry of Education

Prof. Anil D. Sahasrabudhe
Chairman, AICTE
Ministry of Education

Dr. Abhay Jere
Chief Innovation Officer,
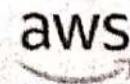Ministry of Education's Innovation Cell

Dr. Anand Deshpande
Chairman and MD,
Persistent Systems

Broadcast Partner

Partner

CHANDIGARH
GROUP OF COLLEGES
Building Careers. Transforming Lives.

aws

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(54) Title of the invention : DETECTION OF VIDEO DUPLICATION AND INTEGRITY VERIFICATION USING BLOCKCHAIN TECHNOLOGY

(51) International classification	:G06F 211000, G06F 216400, H04L 090600, H04L 093200, H04W 121000
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :
   1)PROF. KALPANA DEORUKHKAR
      Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER ENGINEERING, FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING, BANDRA(W), MUMBAI – 400050, MAHARASHTRA, INDIA. MUMBAI ---------- ---------
   2)RACHEL SEQUEIRA
   3)RAJ HARINDAR MOURYA
   4)AAYUSH THAKUR
Name of Applicant : NA
Address of Applicant : NA
(72)Name of Inventor :
   1)PROF. KALPANA DEORUKHKAR
Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER ENGINEERING, FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING, BANDRA(W), MUMBAI – 400050, MAHARASHTRA, INDIA. MUMBAI ---------- --------
   2)RACHEL SEQUEIRA
Address of Applicant :STUDENT, DEPARTMENT OF COMPUTER ENGINEERING, UTTUNG COOPERATIVE HOUSING SOCIETY, SAMANT WADI, GOREGAON EAST, MUMBAI-63, MAHARASHTRA, INDIA. MUMBAI ---------- ----------
   3)RAJ HARINDAR MOURYA
Address of Applicant :STUDENT, DEPARTMENT OF COMPUTER ENGINEERING, 705,R.T BUILDING , P.M ROAD , VILE PARLE (EAST), MUMBAI – 400057, MAHARASHTRA, INDIA. MUMBAI ---------- ----------
   4)AAYUSH THAKUR
Address of Applicant :STUDENT, DEPARTMENT OF COMPUTER ENGINEERING, OM SHIVALAYA CHS, NATWAR NAGAR, JOGESHWARI EAST, MUMBAI – 400060, MAHARASHTRA, INDIA. MUMBAI ---------- ----------

(57) Abstract.:
Detection of video duplication and integrity verification using blockchain technology is the proposed invention. The proposed invention implements a novel framework that allows one to manage data more efficiently by addressing the copyright, and data duplication issues over modern multimedia channels such as Facebook, YouTube, etc leveraging blockchain technology. The proposed blockchain-based framework engulfs the diverse content of every multimedia with a hash using different cryptographic hashing technologies such as perceptual hashing. Moreover, to make the entire process more secure, the proposed architecture develops a hash for every file using the Merkle Root Tree. The computed hash is then stored inside the decentralized database in order to preserve a historical audit trail.
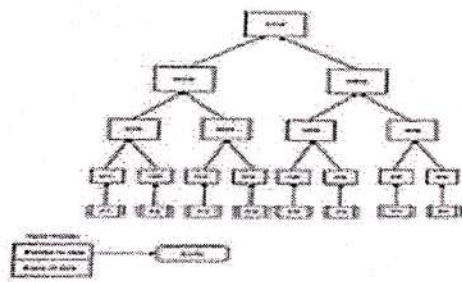
Figure 1: Merkle tree with all the frames as the leaf nodes

No. of Pages : 25 No. of Claims : 5

Personal Information

Sur Name	MENDONCA
First Name	GLENN
Middle/Father Name	ERIC
Mother Name	GEORGIETTA
Gender	MALE
Birth Details	Birth Date : 17-09-2002 Birth Place : BHAYANDAR
Correspondence Address	555, Sweet Dream, Anand Nagar, Dongri, Uttan Road, Mira Bhayandar West Taluka : Thane District : Thane State : Maharashtra Pincode : 401106
Permanent Address	555, Sweet Dream, Anand Nagar, Dongri, Uttan Road, Mira Bhayandar West Taluka : Thane District : Thane State : Maharashtra Pincode : 401106
Telephone No.	Phone : 022-28450833 Mobile : 9768250133 Father : 9892594385 Mother : Guardian :
E-Mail ID	gmendcode@gmail.com
Caste	Religion : ROMAN CATHOLIC SubCaste : East Indian
Category	OPEN
Mother Tongue	Marathi
Blood Group	B+
Aadhar No.	332491427821
Achievement / Prizes / Awards won if any	
Special Interests if any (Sports/Other activities)	

Annual Income of the Parents	Rs. 313328/-

Admission Details

Admission Date	16-01-2021
Admission Category	Minority Quota - FE-CET
C.E.T. / AIEEE - P.C.M.	Marks Obtained : 94.7844511 Marks out of : 200
H.S.C. or Equivalent - P.C.M.	Marks Obtained : 271 Marks out of : 300
Univ. Permanent Reg. No. (PRN)	2020016402204724

Academic Details

H.S.C. or Equivalent	Board : MAHARASHTRA
	Marks Obtained : 584 Marks out of : 650 Year of Passing : 2020
	School : Don Bosco Jr. College, Borivali (W.)
S.S.C. or Equivalent	Board : MAHARASHTRA
	Marks Obtained : 456 Marks out of : 500 Year of Passing : 2018
	School : Our Lady of Nazareth High School, Bhayandar (W.)

Academic Status

Semester	Result	Marks	Out of	%/SGPA	CI/CGPA	Month & Year	Seat No.
I	PASS	583	675	9.5	9.5	December 2020	7130614
II	PASS	615	725	9.6	9.55	May 2021	4075074
III	PASS	685	775	10	9.72	December 2021	098
IV	PASS	641	775	9.58	9.68	May 2022	107
V	PASS	587	775	8.23	9.38	December 2022	107
VI							
VII							
VIII							

Current Term - Unit Test / Attendance	Unit Test - 1 Unit Test - 2
Old Terms - Unit Test / Attendance	—Select— ⌄

Parents Occupational De...

Roll No.	Student Name	Class
9272	MENDONCA GLENN ERIC	TE-COMP

⑥

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram , Bandstand, Bandra (W),Mumbai 50.

Department of Computer Engineering

Mentor Report

Name of Student	Glenn E. Mendonca.
Roll Number	9272
Branch and Semester	T.E. Computer , Sem V
Analysis after Test 1	• No. of subjects failed • No. of subjects in which score is less than 60%
Attendance	#s above.
Counselling session date	

Observations about counselling	**Personality Traits:**
	• Attitude (Write any 5 words that describes you)
	  ◦ Fast Learner
	  ◦ Keen Listner
	  ▪ Calm
	
	• Interested area (Technical and Non-Tech)
	Technical mainly backend development. Have worked on developing scalable backend architecture using various newer tech in internships. Have a keen interest in Foll stack development.
	• Your Strengths
	  — Problem Solving
	  — Determined
	  — Emphanatic.
	
	• Your Weakness
	  - Time management
	  - Try to implement/learn multiple things at once.
	
	• Communication ability
	(Rate yourself between 1-10 (10 is max): Fluency in languages: written and oral communication)
	Good communication skill in English, marathi & Hindi.

- Any Attraction or addiction (like mobile games, smoking, etc.)

  No.

- Are you forced to do Engineering? (Y/N). If No, what you wanted to pursue?

  No. Had childhood dream to pursue engineering in Computer/ Aerospace domain.

Non-social/Social Engagements:
- Mention Self-initiative(s) if taken any:

  Mainly in regional religious communities for social work.

- Involvement in different activities (List events you participated and/or won in current semester)
  - Unscript 2k23 Hackathon
  - Hackovery Hackathon.
  - Top 20% Leetcode competitive platform
  - 5k rank in Google Kickstart

- Are you a part of any social cause? (If yes, please give details)

  -

- Are you currently doing any internship (if Yes, please give the details)

  Currently working as web developer & backend engineer at a IoT startup to handle & process IoT data

- Are you an entrepreneur? (if Yes, please give the details)

  No.

- Are you planning or prepping for Higher studies? (Y/N)

  Currently no but maybe after getting some industry experience.

- Do you have a job offer in hand (Answer if applicable, please give details)

  _N.A._

Family Background:
- Home environment

(Parents Professions, siblings details, family financial conditions)

Brother studying in ssc, mother a housewife and father working in service sector

- Is your family finding it difficult to pay your fees? (Y/N)

  No.

- Are you earning to support your family financially? (Y/N)

  No.

- Have you taken student loan to support your education (Y/N)

  No.

Mentors Remarks	Non-Academic Observations:
	Academic Observations: Motivated to participate in Hackathon. Do Course Certifications. Guided for Internship at Technode.

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Fr.C.R.C.E.2020-2023

Prof. Kranti Wagle

Mentor

Mendonca.

Glen E. Mendonca.

Student Name and Sign

image.png

Dear Participant,

Greetings from e-Yantra!

It is our pleasure to inform you that you have been **selected** for the e-Yantra Summer Internship Program (eYSIP-2022) under the e-Yantra project in the Department of Computer Science and Engineering, IIT Bombay.

The details of the project allotted to you are as follows:

Project Name	eYCoin
Technical Stack	Blockchain, Flask (Python web framework), Golang, Python

Note - This project will be a remote-only project. Interns will be mentored remotely through Discord.

If you would like to accept the internship offer kindly complete the following joining formalities as instructed on the eYSIP Portal

1. **Internship Fee Payment** - You are required to pay an internship fee of ₹5,000/- in order to join the internship. Please use the "Internship Fee Payment" tab on the Portal to do so.
   The internship fee is required to be paid for the resources and mentorship e-Yantra provides during the period of eYSIP-2022. Upon the successful completion of the project allotted to you, you will be awarded an honorarium of ₹15,000 (along with internship certificate).
2. **Non Disclosure Agreement** - Kindly use the "NDA" tab on the Portal to sign the Non-Disclosure Agreement. We urge you to read all the terms and conditions given in the NDA properly before signing it.
3. **Internship Survey** - Please complete the internship survey (using the "Internship Survey" tab) to help us plan the internship activities better.

The internship period is scheduled from **6th June 2022 to 23rd July 2022** (7 weeks). The last date for the completion of joining formalities is **31st May 2022**. Failure to complete the joining formalities by the deadline will result in the withdrawal of the internship offer. Please do not hesitate to reach out to us at eysip@e-yantra.org if you have any doubts or queries.

Thanks and Regards
e-Yantra Team

e-Yantra

Facebook Twitter Linkedin Instagram YouTube

ERTS Lab
Department of Computer Science and Engineering
Indian Institute of Technology Bombay,
Powai, Mumbai-400 076.
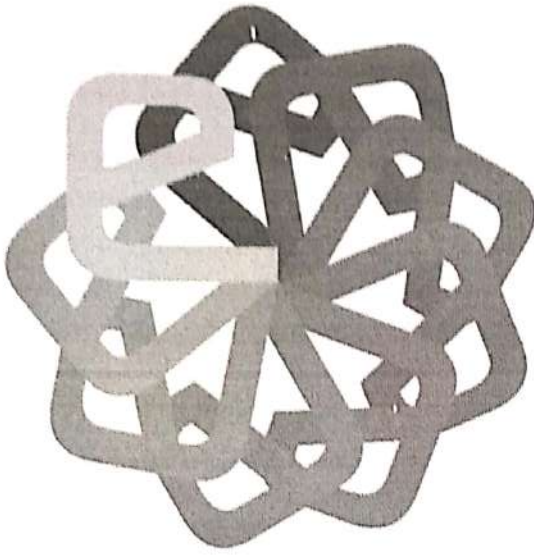
Date of Issue: September 19th, 2022

INTERNSHIP CERTIFICATE

This is to certify that **Glenn Mendonca**, student from **Fr. Conceicao Rodrigues College of Engineering, Bandra** has undertaken Internship at e-Yantra, IIT Bombay working on a project entitled: **eYCoin** during the period from **6th June 2022 to 23rd July 2022** and has successfully completed the same.

Prof. Kavi Arya
Principal Investigator, e-Yantra
Professor
Department of Computer Science and Engineering
Indian Institute of Technology Bombay

3621859a223babf83e051a9fe919a060a042ab54

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Intern Evaluation

The aim of this project was to develop a blockchain-based crypto-currency. This new cryptocurrency will be used across e-Yantra's platform as a reward program. Glenn along with his teammate completed the required tasks and gained knowledge of the following concepts:

1. De-centralized systems
2. Blockchain technology
3. Golang
4. Web 3.0
5. Block Explorer

Criteria	Rating
Intern's understanding of technical concepts pertaining to Project	10
Quality of Solution Provided	10
Attitude	10
Punctuality	8
Capacity to work in Team	8
Documentation Skills	9
Presentation Skills	10
Overall	**9.3**

Internship Acceptance Letter

Dear, Mr. Glenn Mendonca,

We are pleased to inform you that, you have been selected as an Intern for the Position of Full stack Developer at our firm Technode. We Hope you will enjoy your time with our team learning lot of new concepts related to IOT and electronics. We hope you will surpass all our expectations by performing well during your internship period. So we warmly welcome you to Technode. Your Internship period will be of 4 months, starting from 1st of September 2022. Your primary role is to develop IOT (Internet of things) Solutions and web Dashboards for the same. Remember all the information shared with you during the internship period should be kept confidential.
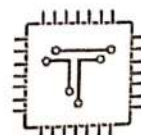
We appreciate your interest in Technode!

Regards,

For TECHNODE

Proprietor

Chinmay Kolhatkar

CEO & Founder @ Technode

www.technodes.in

TECHNODE
Embedding for the future!

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⒄ Irfan
(Ashwini)

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram , Bandstand, Bandra (W),Mumbai 50.

Department of Computer Engineering

Mentor Report

Name of Student	Syed Irfan Amjad Abidi
Roll Number	8917
Branch and Semester	Computer Engineering Semester 8
Analysis after Test 1	No. of subjects failed - 0
	No. of subjects in which score is less than 60% - 0
Attendance	
Counselling session date	27/01/2023
Observations about counselling	**Personality Traits:** Attitude (Write any 5 words that describes you) Hardworking, Passionate, Patient, Enthusiastic, Honest **Interested area (Technical and Non-Tech)** Technical - Mobile/App Development, DevOps, Software Development, Project Management Non-Technical - Marketing, Public Speaking **Your Strengths** Honesty, Hardworking, Quick Learner, Dedicated **Your Weakness** Attempting to please seniors, multitasking, procrastination **Communication ability** English: Written 10/10, Verbal 9/10 Hindi: Written 10/10, Verbal 10/10 Urdu: Written 5/10 Verbal 8/10 **Any Attraction or addiction (like mobile games, smoking, etc.)** None **Are you forced to do Engineering? (Y/N). If No, what did you wanted to pursue?** No, I was not forced to do Engineering Non-social/Social Engagements: Mention Self-initiative(s) if taken any:

	Involvement in different activities (List events you participated and/or won in current semester) Participated and won Smart India Hackathon 2022 Participated and won Hackover 3.0, a national level hackathon organised by Google Student Developers Club CRCE Participated in Synergy 2022 hackathon **Are you a part of any social cause? (If yes, please give details)** **Are you currently doing any internship (if Yes, please give the details)** Not currently **Are you an entrepreneur? (if Yes, please give the details)** No **Are you planning or preparing for Higher studies? (Y/N)** Planning to pursue Masters after 3 years of graduation and after gaining enough experience in the corporate industry **Do you have a job offer in hand (Answer if applicable, please give details)** Yes, One from Tata Consultancy Services and other from JP Morgan Chase & Co. Is offered a Software Developer role by both companies. **Family Background:** Home environment Father's Occupation: Freelancer Sound Recordist Mother's Occupation: Housewife No siblings **Is your family finding it difficult to pay your fees? (Y/N)** No, I have an education loan. **Are you earning to support your family financially? (Y/N)** Not currently **Have you taken student loan to support your education (Y/N)** Yes
Mentors Remarks	**Non-Academic Observations:** Irfan is a responsible individual who is aware of his social and financial responsibilities. He treats his teachers as well as

subordinates with respect. he is patient and kind when working with his/her peers who need extra assistance

Academic Observations:
Irfan is a sincere and hardworking student who is always very keen to learn new technologies and produce solutions innovatively. He has good analytical skills and is capable of taking various roles in the work group as needed or assigned. He patiently listens to suggestions given by his team members while working on the project. He is a fast learner, can grasp new things easily ,has a curious mind, and has good oral and written communication skills. He has published a paper in scopus indexed IEEE conference on his SE mini Project topic under my mentorship.

Areas of Improvement: Should undertake more research based projects . can work on enhancing his knowledge in the area of AI/ML/DL.

Prof. Ashwini Pansare

Mentor

Syed Irfan Amjad Abidi

Student Name and Sign

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion.
Ministry of Commerce & Industry,
Government of India

INTELLECTUAL
PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

Application Details

APPLICATION NUMBER	202321015188
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	07/03/2023
APPLICANT NAME	1 . Sangeeta Parshionikar 2 . Syed Irfan Amjad Abidi 3 . Lance Garrick Soares 4 . Alan Anthony Almeida 5 . Archana Lopes
TITLE OF INVENTION	VERBAL AGREEMENT SIGNING USING BLOCKCHAIN AND SPEECH RECOGNITION.
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	dr.bksarkar2003@yahoo.in
ADDITIONAL-EMAIL (As Per Record)	sss.svk25@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	31/03/2023

Activat
Go to Se

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Personal Information

Sur Name	GRACIAS
First Name	DEON
Middle/Father Name	BERTON
Mother Name	SHARON ANNE
Gender	MALE

Birth Details	Birth Date : 03-06-2002	Birth Place : MUMBAI

Correspondence Address	B2 ONKAR CHSL, AMBOLI, ANDHERI (WEST) MUMBAI - 400058 Taluka : ANDHERI District : MUMBAI SUBURBAN State : Maharashtra Pincode : 400058
Permanent Address	B2 ONKAR CHSL, AMBOLI, ANDHERI (WEST) MUMBAI - 400058 Taluka : ANDHERI District : MUMBAI SUBURBAN State : Maharashtra Pincode : 400058

Telephone No.	Phone :	Mobile : 9833172549
	Father : 9820545953	Mother :
	Guardian :	

E-Mail ID	deongracias1@gmail.com

Caste	Religion : ROMAN CATHOLIC	SubCaste :

Category	OPEN
Mother Tongue	Konkani
Blood Group	A+
Aadhar No.	586670369609
Achievement / Prizes / Awards won if any	
Special Interests if any (Sports/Other activities)	

Annual Income of the Parents	Rs. 420000/-

Admission Details

Admission Date	18-12-2021
Admission Category	Minority Quota - DSE-DIPLOMA
Diploma Branch	INFORMATION TECHNOLOGY
Diploma	Marks Obtained : 1552 Marks out of : 1600
Univ. Permanent Reg. No. (PRN)	2021016402300817

Academic Details

Diploma	Branch : INFORMATION TECHNOLOGY
	Marks Obtained : 1552 Marks out of : 1600 Year of Passing : 2021
	School : THAKUR POLYTECHNIC
S.S.C. or Equivalent	Board : C.I.S.C.E.
	Marks Obtained : 406 Marks out of : 500 Year of Passing : 2017
	School : ST. BLAISE HIGH SCHOOL

Academic Status

Semester	Result	Marks	Out of	%/SGPA	CI/CGPA	Month & Year	Seat No.
I							
II							
III	PASS	679	775	9.87	9.87	December 2021	131
IV	PASS	632	775	9.21	9.53	May 2022	063
V	PASS	608	775	8.5	9.2	December 2022	063
VI							
VII							
VIII							

Current Term - Unit Test / Attendance	Unit Test - 1 Unit Test - 2
Old Terms - Unit Test / Attendance	—Select— ∨

Parents Occupational Detail

Father's Occupational Details

Roll No.	Student Name	Class
9422	GRACIAS DEON BERTON	TE-COMP
9542	GRACIAS CHRIS JOSEPH	SE-COMP

University of Mumbai

17th **Aavishkar**

Inter-Collegiate/Institute/Department Research Convention

(Zonal Round)

Academic Year 2022-23

Certificate of Participation

This is to Certify that **Mr. Gracias Deon Ines** of **Fr. Conceicao Rodrigues Engineering College, Bandra** has participated and presented a Research Project titled **Agriculture IoT** in **Engineering and Technology** Category and **UG** Level at 17th Aavishkar: Inter-Collegiate/Institute/Department Research Convention (Zonal Round) organized by the University of Mumbai at Shah and Anchor Kutchhi Engineering College, Chembur, Mumbai on December 23, 2022 for **Engineering Colleges/Institutes** zone.

Dr. Minakshi Gurav
OSD,
Aavishkar,
University of Mumbai

Dr. Sunil Patil
Director,
Department of Students' Development,
University of Mumbai

December 23, 2022
Chembur, Mumbai

University of Mumbai

17th **Aavishkar**

Dear Deon Gracis
Fr.CRCE, Bandra

I am delighted & excited to welcome you as Intern (Flutter and API development) for **Skinzy Software Solutions Private Limited**. We believe that our team is our biggest strength, and we take pride in hiring ONLY the best and the brightest. We are confident that you would play a significant role in the overall success of the venture and wish you the most enjoyable, learning packed and truly meaningful job experience with us.

The duration of the internship is from 10ᵗʰ Dec 2023 to 31ˢᵗ Mar 2023. You will receive the monthly stipend of Rs.3K till the internship period. You will receive a certificate of completion at the end of the internship. You will also LOR for your higher studies.

10/12/2022

D.R.Kalbande
Director and Founder
Skinzy Software Solutions Pvt.Ltd.
SPTBI-SPIT-Mumbai.

drkalbande@skinzy.in   Sardar Patel Technology
www.skinzy.in   Business Incubator (SP-TBI)
+91 8657424574   Andhen (W) Mumbai,
                       Maharastra 400053

C.R.C.E. STUDENT DATA BANK

Personal Information

Sur Name	PAWAR
First Name	ATHARVA
Middle/Father Name	PRASHANT
Mother Name	POOJA
Gender	MALE

Birth Details	Birth Date : 15-07-2001	Birth Place : MUMBAI

Correspondence Address	FlatNo 1807, BldgNo6, Shree Sai Niketan SRA CHS, Sadanand Hasu Tandel Marg, Cent Taluka : Mahim District : Mumbai State : Maharashtra Pincode : 400025
Permanent Address	FlatNo 1807, BldgNo6, Shree Sai Niketan SRA CHS, Sadanand Hasu Tandel Marg, Cent Taluka : Mahim District : Mumbai State : Maharashtra Pincode : 400025

Telephone No.	Phone :	Mobile : 8169239027
	Father : 9320668111	Mother :
	Guardian :	

E-Mail ID	talktoatharva14@gmail.com	
Caste	Religion : HINDU	SubCaste :
Category	OPEN	
Mother Tongue	Marathi	
Blood Group	O+	
Aadhar No.	504867595752	
Achievement / Prizes / Awards won if any		
Special Interests if any (Sports/Other activities)		

Annual Income of the Parents	Rs. 400000/-

Admission Details

Admission Date	17-12-2021
Admission Category	CAP Admission - DSE-DIPLOMA
Diploma Branch	ELECTRONICS & TELECOMMUNICATION
Diploma	Marks Obtained : 1652 Marks out of : 1700
Univ. Permanent Reg. No. (PRN)	2021016402300775

Academic Details

Diploma	Branch : ELECTRONICS & TELECOMMUNICATION
	Marks Obtained : 1652 Marks out of : 1700 Year of Passing : 2021
	School : VIDYALLANKAR POLYTECHNIC
S.S.C. or Equivalent	Board : MAHARASHTRA
	Marks Obtained : 364 Marks out of : 500 Year of Passing : 2017
	School : Shardashram Vidhya Mandir

Academic Status

Semester	Result	Marks	Out of	%/SGPA	CI/CGPA	Month & Year	Seat No.
I							
II							
III	PASS	676	775	9.96	9.96	December 2021	136
IV	PASS	586	775	8.5	9.21	May 2022	067
V	PASS	528	775	7.55	8.68	December 2022	067
VI							
VII							
VIII							

Current Term - Unit Test / Attendance		Unit Test - 1 Unit Test - 2
Old Terms - Unit Test / Attendance		—Select— ⌄

Parents Occupational Detail

Father's Occupational Details   WORKING

University of Mumbai

17th Aavishkar

Inter-Collegiate/Institute/Department Research Convention
(Zonal Round)
Academic Year 2022-23

Certificate of Participation

This is to Certify that **Mr. Pawar Atharva Prashant** of **Fr. Conceicao Rodrigues Engineering College, Bandra** has participated and presented a Research Project titled **Agriculture IoT** in **Engineering and Technology** Category and **UG** Level at 17th **Aavishkar** Inter-Collegiate/Institute/Department Research Convention (Zonal Round) organized by the University of Mumbai at Shah and Anchor Kutchhi Engineering College, Chembur, Mumbai on December 23, 2022 for **Engineering Colleges/Institutes** zone.

Dr. Minakshi Gurav
OSD,
Aavishkar,
University of Mumbai

Dr. Sunil Patil
Director,
Department of Students' Development,
University of Mumbai

December 23, 2022
Chembur, Mumbai

University of Mumbai

17th Aavishkar

ERTS Lab
Department of Computer Science and Engineering
Indian Institute of Technology Bombay,
Powai, Mumbai-400 076.
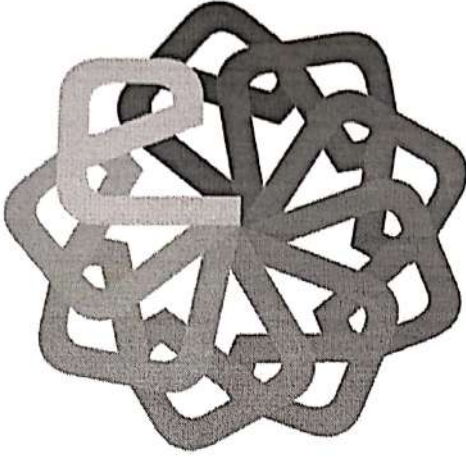
Certificate of Participation

This is to certify that Atharva Prashant Pawar, a student of Fr. Conceicao Rodrigues College of Engineering, Bandra, Maharashtra has participated in the e-Yantra Robotics Competition (eYRC 2022-23).

He/She is a member of the team having the following team members:

1. Deon Berton Gracias
2. Charmi Deepak Tank
3. Valiaparambil Ryan Taffy
4. Atharva Prashant Pawar

This team has participated in Sentinel Drone theme.

Prof. Kavi Arya
Principal Investigator, e-Yantra
Professor
Department of Computer Science and Engineering
Indian Institute of Technology Bombay

fda0fc9773909dd2bf4d09bbe0ca2cc05569428e

[P.T.O]

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Theme: *Sentinel Drone*

Theme Description: In this theme, the teams learn to manipulate drones wirelessly, leverage them for automating surveillance tasks, using methodologies like image processing and uploading data to GIS (Geographic Information Systems) systems. They first work on these tasks in simulation to hone skills, and finally learn to assemble a Nano drone and execute the same tasks on hardware!

Theme Learning: *Robot Operating System (ROS), Drone Gazebo, OpenCV, Git, Geographic Information System (GIS)*

Team Learning: The team has been awarded **Level 3** in the e-Yantra Robotics Competition (eYRC).

This level indicates that the team was able to show a fair understanding of the problem statement by implementing a partial solution of the problem statement

Certificate Table

Certificate Level	Certificate Description
Level 1	Certificate of Merit
Level 2	Certificate of Completion
Level 3	Certificate of Participation
Level 4	Letter of Participation

*level 1 > level 2 > level 3 > level 4

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram , Bandstand, Bandra (W),Mumbai 50.

Department of Computer Engineering

Mentor Report

Name of Student	RIDDHI. DINESH. OZA
Roll Number	9277
Branch and Semester	COMPUTER ENGINEERING SEM VI
Analysis after Test 1	• No. of subjects failed : 0 • No. of subjects in which score is less than 60% : 0
Attendance	96%
Counselling session date	22.02.2023
Observations about counselling	**Personality Traits:** • Attitude (Write any 5 words that describes you) Quick Learner, Confident, Hard working, Punctual, Optimistic • Interested area (Technical and Non-Tech) Technical Non-Tech – Machine Learning – Public speaking – Artificial Intelligence – Dance, – DSA, AOA – Music, dramma – Web development – Art & craft • **Your Strengths** – Hardworking – good at learning new things – confident at – have good communication skills • **Your Weakness** – Take more time to make decisions – get over excited – impatient nature. – little procrastination • Communication ability (Rate yourself between 1-10 (10 is max): Fluency in languages: written and oral communication) 10

- Any Attraction or addiction (like mobile games, smoking, etc.)

— None

- Are you forced to do Engineering? (Y/N). If No, what you wanted to pursue?

— N

Non-social/Social Engagements:
- Mention Self-initiative(s) if taken any:

— N

- Involvement in different activities (List events you participated and/or won in current semester)

— Unscript 2K23 hackathon
— ISER conference (paper publication)

- Are you a part of any social cause? (If yes, please give details)

— Auto buddys (it work for the betterment of elderly people & autistic children)

- Are you currently doing any internship (if Yes, please give the details)

— I'm doing a research internship in IIT Patna

- Are you an entrepreneur? (if Yes, please give the details)

— I'm planning to build a startup that works for the betterment

- Are you planning or prepping for Higher studies? (Y/N)

Y

- Do you have a job offer in hand (Answer if applicable , please give details)

— NOT applicable

Family Background:
- Home environment

(Parents Professions, siblings' details, family financial conditions)

→ Dinesh. P. Oza (father): GM at DOMS
→ Rutuja Oza (Mother): Home Maker
→ Madhura Oza (younger : Currently in sibling)   10th

- Is your family finding it difficult to pay your fees? (Y/N)

→ N

- Are you earning to support your family financially? (Y/N)

→ N

- Have you taken student loan to support your education (Y/N)

→ N

Mentors Remarks	Non-Academic Observations:
	— Good analyzer — I motivated her to publish paper — Guided to take internship at SPIT Academic Observations: Riddhi is good analyzer, hardworking & motivated girl.

Prof. Jagruti Nagaonkar

Mentor   Jagaonkar

Student Name and Sign

RIDDHI. AINE

Bhavan's

(Founded in 1938 by Kulapati Dr. K. M. Munshi with the blessings of Mahatma Gandhi)

आ नो भद्राः क्रतवो यन्तु विश्वतः ।

Let noble thoughts come to us from every side

Tel : 91-22-2670 8520
2670 7440
2628 7256
Fax : 91-22-2670 1422

SARDAR PATEL INSTITUTE OF TECHNOLOGY
(Autonomous Institute)
Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai - 400 058, India
E mail: principal@spit.ac.in   Website: www.spit.ac.in

06/08/2022

Dear RIDDHI DINESH OZA
FRCE, Mumbai.

I am delighted & excited to welcome you as Intern (Software Designer: ML-NLP) for AutoBuddy : An Intelligent Life Companion. We believe that our team is our biggest strength and we take pride in hiring ONLY the best and the brightest. We are confident that you would play a significant role in the overall success of this project and wish you the most enjoyable, learning packed and truly meaningful job experience with us. Below you can read details about the terms and conditions (Annexure-A referred as NDA) of your anticipated job with this project.

We are offering a Four months Research Internship position for you as Software Designer: ML-NLP, reporting to Dr.Dhananjay Kalbande and Dr.Surendra Rathod starting on 8th Aug 2022 till 8th Dec 2022 at Mumbai. You will get certificate of completion based on your performance after the 4-month tenure.

Happy to have you onboard!

Sincerely,

Dhananjay Kalbande   Surendra Rathod

AutoBuddy Project Mentors, S.P.I.T., Mumbai.

Bhavan's

(Founded in 1938 by Kulapati Dr. K. M. Munshi with the blessings of Mahatma Gandhi)

आ नो भद्रा : क्रतवो यन्तु विश्वत : ।

Let noble thoughts come to us from every side

SARDAR PATEL INSTITUTE OF TECHNOLOGY

(Autonomous Institute)

Bhavan's Campus, Munshi Nagar, Andheri (west), Mumbai - 400058, India

E mail: principal@spit.ac.in   website: www.spit.ac.in

AutoBuddys

November 30, 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms.Riddhi Oza has completed an internship with us from 22/08/2022 to 22/11/2022.

Riddhi has been working under the supervision of her mentor Dr. Dhananjay Kalbande and Dr. Surendra Singh Rathod while working as a ML & NLP Developer Intern on the AutoBuddys Research Project at Sardar Patel Institute of Technology in collaboration with TISS and Mumbai University . The entire tenure of her internship was conducted offline in the college itself with a few field visits to external organizations.

During the internship, Riddhi demonstrated a satisfactory approach toward eagerness to learn. We wish her all the best in all future endeavors.

From

Dr. Dhananjay Kalbande

Dr.Surendra Singh Rathod

Strong students

Arpita Kar (B.E.ECS) is a DSE student, with excellent track record during her diploma course. She is very enthusiastic, having excellent grasping and presentation skills. Arpita is having good coding skills. She has developed online resume using latest web development tools, when she was in third year. Due to her academic performance and coding skills, she has been shortlisted to represent our college for Atal Tinkering Day celebration at HMPS School, Andheri (W). Her BE project work was appreciated by the external examiner. She got placement in Jio Platforms. She had mentored many junior students from ECS, to guide them in improving their performance from all aspects.

Shalom Pakhare (B.E.ECS) is having excellent knowledge of IOT technologies. Even though his attendance is not very good, he always manages to get good marks. He has developed projects such as chocolate vending machine and octo pad. He is also working on a project on charging station to charge battery of an EV

Search

| Roll No. : 9073 |
| Name : KAR ARPITA APURBA |
| Branch : Electronics & Computer Science |
| Year : Final Year |

Personal Information

Sur Name	KAR	
First Name	ARPITA	
Middle/Father Name	APURBA	
Mother Name	DIPANNITA	
Gender	FEMALE	
Birth Details	Birth Date : 14-07-2001	Birth Place : ULHASNAGAR
Correspondence Address	A-201, ANJNI COMPLEX, CHAKRADHAR NAGAR, NILEMORE, NALLASOPARA (WEST) Taluka : VASAI District : PALGHAR State : Maharashtra Pincode : 401203	
Permanent Address	A-201, ANJNI COMPLEX, CHAKRADHAR NAGAR, NILEMORE, NALLASOPARA (WEST) Taluka : VASAI District : PALGHAR State : Maharashtra Pincode : 401203	
Telephone No.	Phone :	Mobile : 9834895458
	Father : 9545930033	Mother :
	Guardian :	
E-Mail ID	karpita8850@gmail.com	
Caste	Religion : HINDU	SubCaste :
Category	OPEN	
Mother Tongue	Bengali	
Blood Group	A+	
Aadhar No.	849729939648	
Achievement / Prizes / Awards won if any		
Special Interests if any (Sports/Other activities)		
Annual Income of the Parents	Rs. 1000000/-	

Admission Details

Admission Date	28-01-2021
Admission Category	CAP Admission - DSE-DIPLOMA

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Certification of Participation

NCRA-TIFR

tifr

This is to certify that **Arpita Kar** of **Fr. Coniceicao Rodrigues College of Engg. Mumbai** presented the project titled **DOCIKRAFT** in the GMRT Science Day Celebration & Exhibition, held on 28th February and 1st March 2023 at the GMRT Observatory, Khodad.

The Certificate of Participation has been awarded to the student/s of the school/college.

Dr. J.K.Solanki
Co-Chair NCRA-TIFR

Prof. D.V.Lal
Chairman, NCRA-TIFR

Prof. Yashwant Gupta
Centre Director, NCRA-TIFR

National Centre for Radio Astrophysics, Tata Institute of Fundamental Research, Pune,
http://www.ncra.tifr.res.in   (020) 25719111

Giant Metrewave Radio Telescope, National Centre for Radio Astrophysics, Taluka Junnar, Khodad, Dist. Pune,
http:// www.ncra.tifr.res.in/ncra/gmrt (02132) 258300

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	Roll No. : 8822
SHALOM R. PAKHARE 10/12/2017	Name : PAKHARE SHALOM RICHARD
	Branch : Electronics & Computer Science
	Year : Final Year

Personal Information		
Sur Name	PAKHARE	
First Name	SHALOM	
Middle/Father Name	RICHARD	
Mother Name	CHITRA	
Gender	MALE	
Birth Details	Birth Date : 26-02-2000	Birth Place : NASHIK
Correspondence Address	EL-SHADDAI row banglow, sukan E-45 DAMODAR NAGAR PATHARDI PHATA, NASHIK Taluka : NASHIK District : NASHIK State : Maharashtra Pincode : 422010	
Permanent Address	EL-SHADDAI row banglow, sukan E-45 DAMODAR NAGAR PATHARDI PHATA, NASHIK Taluka : NASHIK District : NASHIK State : Maharashtra Pincode : 422010	
Telephone No.	Phone : 2532335030	Mobile : 9923111933
	Father : 9423175933	Mother :
	Guardian :	
E-Mail ID	shalomrichard1@gmail.com	
Caste	Religion : CHRISTIAN	SubCaste :
Category	OPEN	
Mother Tongue	Marathi	
Blood Group	B+	
Aadhar No.	507647405426	
Achievement / Prizes / Awards won if any		
Special Interests if any (Sports/Other activities)		

Annual Income of the Parents	Rs. 100000/-

Admission Details	
Admission Date	13-08-2019
Admission Category	CAP Vacancy - FE-CET

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C.E.T. / AIEEE - P.C.M.	Marks Obtained : 92.2590036	Marks out of : 100
H.S.C. or Equivalent - P.C.M.	Marks Obtained : 195	Marks out of : 300
Univ. Permanent Reg. No. (PRN)	2019016402306823	

Academic Details

H.S.C. or Equivalent	Board : MAHARASHTRA	
	Marks Obtained : 477 Marks out of : 650 Year of Passing : 2019	
	School : ST LAWRENCE HIGH SCHOOL AND JR. COLLEGE	
S.S.C. or Equivalent	Board : MAHARASHTRA	
	Marks Obtained : 393 Marks out of : 500 Year of Passing : 2015	
	School : st. francis high school	

Academic Status

Semester	Result	Marks	Out of	%/SGPA	CI/CGPA	Month & Year	Seat No.
I	PASS	437	675	7.25	7.25	December 2019	4029408
II	PASS	591	725	9.65	8.51	May 2020	6015631
III	PASS	635	825	8.96	8.69	December 2020	028
IV	PASS	596	775	8.96	8.76	May 2021	036
V	PASS	584	750	9.18	8.85	December 2021	040
VI	PASS	487	750	7.23	8.57	May 2022	027
VII							
VIII							

Current Term - Unit Test / Attendance	Unit Test - 1 Unit Test - 2
Old Terms - Unit Test / Attendance	----Select---- ⌄

Parents Occupational Detail

Father's Occupational Details	WORKING
Name	RICHARD PAKHARE
Qualification	

Occupation : PROPRITOR	Designation : PROPRITOR
E-Mail : richard_ap@yahoo.com	Office Phone : 9423175933
Office Address	mig 10/9 upendra nagar CIDCO nashik 422009

Mother's Occupational Details	WORKING
Name	CHITRA PAKHARE
Qualification	
Occupation :	Designation :

43

E-Mail :	Office Phone :
Office Address	
Guardian's Details (If not staying with Parents)	**NOT APPLICABLE**

<table>
<tr><td colspan="3" align="center">**Reference of persons holding responsible position in the Society**</td></tr>
<tr><td colspan="3" align="center">**Reference - 1**</td></tr>
<tr><td>Name</td><td colspan="2"></td></tr>
<tr><td>Qualification</td><td colspan="2"></td></tr>
<tr><td colspan="2">Occupation :</td><td>Designation :</td></tr>
<tr><td>Phone :</td><td>Mobile :</td><td>E-Mail :</td></tr>
<tr><td>Office Address</td><td colspan="2"></td></tr>
<tr><td colspan="3" align="center">**Reference - 2**</td></tr>
<tr><td>Name</td><td colspan="2"></td></tr>
<tr><td>Qualification</td><td colspan="2"></td></tr>
<tr><td colspan="2">Occupation :</td><td>Designation :</td></tr>
<tr><td>Phone :</td><td>Mobile :</td><td>E-Mail :</td></tr>
<tr><td>Office Address</td><td colspan="2"></td></tr>
</table>

CERTIFICATE OF PARTICIPATION
Awarded to

SHALOM RICHARD PAKHARE

Fr. Conceicao Rodrigues College of Engineering, Mumbai

for actively participating and successfully completing Evaluation Round 2 of **S.P.I.T Innovation Cup-23: An AICTE-SPICES & AICTE IDEA LAB sponsored event** conducted on **8th April 2023** by Electronics Student Association (ESA), Electronics and Electronics & Telecommunication Engineering Department & Institute of Electrical and Electronics Engineers (IEEE) of Bhartiya Vidya Bhavan's, Sardar Patel Institute of Technology, Munshi Nagar, Andheri (W), Mumbai-400058, Maharashtra.

DR. B.N CHAUDHARI	DR.Y.S.RAO	DR. D.R.KALBANDE	DR.P.V.KASAMBE
PRINCIPAL	DEAN ACADEMICS,R&D	CO-ORDINATOR	CO-ORDINATOR
		(AICTE IDEA LAB)	(AICTE SPICES)

8/4/2023

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram , Bandstand, Bandra (W),Mumbai 50.

Department of Computer Engineering

Mentor Report

Name of Student	Zeal Joseph Rodrigues
Roll Number	9289
Branch and Semester	Computer S Sem — 5
Analysis after Test 1	• No. of subjects failed — 3 • No. of subjects in which score is less than 60% — 3
Attendance	80%
Counselling session date	7 October 2022
Observations about counselling	**Personality Traits:** • Attitude (Write any 5 words that describes you) Confident Creative Problem Solving • Interested area (Technical and Non-Tech) DSA | Web - Development Blockchain | Sports → Football, Cricket, Table Tennis • Your Strengths mentally strong Intrested in maths Don't giveup easily • Your Weakness Realise the mistake latter If I would have studied properly in UT-1 , I would have scored good. • Communication ability (Rate yourself between 1-10 (10 is max): Fluency in languages: written and oral communication) English — 7 Hindi — 8 Marathi — 9

- Any Attraction or addiction (like mobile games, smoking, etc.)

  No

- Are you forced to do Engineering? (Y/N). If No, what you wanted to pursue?

  No

Non-social/Social Engagements:
- Mention Self-initiative(s) if taken any:

  Senior member of youth group
  Arrange blood Donation camp,
  Christmas Carnival, Beach Cleanup, visit to
  old age Home

- Involvement in different activities (List events you participated and/or won in current semester)

  Participated in
  Flipkart Hackathon -3.0
  Participated in Cricket tournament

- Are you a part of any social cause? (If yes, please give details)

  yes, Youth grp which works
  for benifit of society

- Are you currently doing any internship (if Yes, please give the details)

  No

- Are you an entrepreneur? (if Yes, please give the details)

  No

- Are you planning or prepping for Higher studies? (Y/N)

  No

- Do you have a job offer in hand (Answer if applicable , please give details)

  No

Family Background:
- Home environment

(Parents Professions, siblings details, family financial conditions)

~~Dad~~ Father → Service

Mother → Housewife

Brother → 11th (Science)

Middle Class Family

- Is your family finding it difficult to pay your fees? (Y/N)

  Yes

- Are you earning to support your family financially? (Y/N)

  No

- Have you taken student loan to support your education (Y/N)

  No

Mentors Remarks	Non-Academic Observations: Student in very active in Social causes & Social related work Student refrain from hardwork. Academic Observations:

Prof. Unik Lokhande

Mentor

Zeal Rodrigues

Student Name and Sign

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram , Bandstand, Bandra (W),Mumbai 50.

Department of Computer Engineering

Mentor Report

Name of Student	Enrique Crasto
Roll Number	9247
Branch and Semester	Computer Engineering
Analysis after Test 1	• No. of subjects failed — 02 • No. of subjects in which score is less than 60% — 02
Attendance	85%
Counselling session date	7 October 2022
Observations about counselling	**Personality Traits:** • Attitude (Write any 5 words that describes you) 　Creative 　Determined • Interested area (Technical and Non-Tech) 　Blockchain 　Web development. 　Sports: Table Tennis • Your Strengths 　Presence of mind 　Thoughtful • Your Weakness 　Unable to manage time properly. 　Unable to keepup with deadlines • Communication ability 　(Rate yourself between 1-10 (10 is max): Fluency in languages: written and oral communication) 　English: 9 　Hindi: 9 　Marathi: 6

- Any Attraction or addiction (like mobile games, smoking, etc.)

  No

- Are you forced to do Engineering? (Y/N). If No, what you wanted to pursue?

  No

Non-social/Social Engagements:
- Mention Self-initiative(s) if taken any:

  Not taken recently but have been a part of a cleaning program locally.

- Involvement in different activities (List events you participated and/or won in current semester)

  ⊞ Participated in Hackathon

- Are you a part of any social cause? (If yes, please give details)

  No

- Are you currently doing any internship (if Yes, please give the details)

  No

- Are you an entrepreneur? (if Yes, please give the details)

  No

- Are you planning or prepping for Higher studies? (Y/N)

  No.

- Do you have a job offer in hand (Answer if applicable , please give details)

No

Family Background:
- Home environment

(Parents Professions, siblings details, family financial conditions)

Father – working
Mother – Homemaker

- Is your family finding it difficult to pay your fees? (Y/N)

No .

- Are you earning to support your family financially? (Y/N)

No

- Have you taken student loan to support your education (Y/N)

No

Mentors Remarks	Non-Academic Observations: • Student is good in table tennis. He also participates in tournaments time to time. • Student is unable to concentrate on any task for longer period of time. Academic Observations: ~~Having to~~ Problems with understanding. some critical concept do student is unable to Concentrate on fully.

Prof. Unik Lokhande

Mentor

Enrique Crasto

Student Name and Sign

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
Department of Electronics and Computer Science

IDENTIFICATION OF SLOW LEARNERS

1. Course & Subject Details

Academic Year	2022-23	Subject Name	DBMS
Branch & Course	ECS	Department	ECS
Semester & Division	III	Subject Code	ECS305

2. Techniques for Identifying Slow Learners

Following techniques have been used by the undersigned to identify slow learners (students) for the subject of _____

- ✓ Attendance & overall observation in theory lectures
- ✓ Performance in Laboratory work
- ✓ Performance in both the unit test – I & II
- ✓ Ability to answer in logical manner pertaining to question asked

3. Slow Learners Identified

Roll / ID No.	Name of Students
9518	Zaheer Amir.
9510	Ashwin Shukla
9481	Ishan Karandlikar
9493	Parmar Bhavik
9495	Patil Sumee

4. Observations & Remedial Action

Above mentioned students are slow Learners. One concept need to be explained again and again with simple example.

Action Taken: Remedial classes conducted followed by mock test.

1

Fr. Conceicao Rodrigues College of Engineering
Department of Electronics and Computer Engineering

ANALYSIS OF UNIT TEST – 1

SUBJECT: DBMS

CLASS: S.E. ECS (Sem – III)

Total number of students appeared for then Unit Test: 67

Criteria	No. of students	Percentage
Pass	56	83.58%
Fail	11	16.41%
>=60%	34	50.74%
40-50	22	32.83%
<40	11	16.41%

List of students failing in UT1:

Roll No	Name of the student	Q1	Q2	Q3	Q4	20M
9475	Giri Punit Jagdish	3	1	1	2	7
9481	Karandikar Ishan Shrinivas	2	2	1	1	6
9488	Mathur Akshat Amit	5	0	0	0	5
9492	Nishad Jaya Satyaprakash	5	2	0	0	7
9493	Parmar Bhavik Sampat	5	0	0	0	5
9495	Patil Sameer Kamlakar	3	1	0	1	
9505	Sequeira Steve Savio	5	1	0	1	
9509	Shinde Suraj Dattatraya	3	0	0	2	
9510	Shukla Ashwin Karmdev	5	0	1	0	6
9518	Zaheer Aamir Irfan	1	4	0	1	6
9519	Zope Mugdha Dileep	0	0	0	4	4

Action taken:

Extra Remedial classes were conducted followed by Mock test to evaluate students progress

Subject teacher: *[signature]*

Dipali Koshti

[signature]

Fr. Conceicao Rodrigues College of Engineering
Department of Electronics and Computer Science

Date: 10-09-2022

NOTICE :REMEDIAL CLASSES [DBMS]

Extra remedial classes have been scheduled on 16th September 2022 from 2.30 pm to 4.30 pm for the students who are failing in UT1 in DBMS subject. It is mandatory to attend theses classes for the following students. Other students who are interested may attend the same.

Roll No	Name of the student	Q1	Q2	Q3	Q4	20M
9475	Giri Punit Jagdish	3	1	1	2	7
9481	Karandikar Ishan Shrinivas	2	2	1	1	6
9488	Mathur Akshat Amit	5	0	0	0	5
9492	Nishad Jaya Satyaprakash	5	2	0	0	7
9493	Parmar Bhavik Sampat	5	0	0	0	5
9495	Patil Sameer Kamlakar	3	1	0	1	5
9505	Sequeira Steve Savio	5	1	0	1	7
9509	Shinde Suraj Dattatraya	3	0	0	2	5
9510	Shukla Ashwin Karmdev	5	0	1	0	6
9518	Zaheer Aamir Irfan	1	4	0	1	6
9519	ZopeMugdha Dileep	0	0	0	4	4

Following topics would be covered:

1) ER diagram
2) Sql basics
   - Create table, delete table, update table
   - Inserting values in table
   - Sql aggregate function count, avg, sum, min, max
   - SQL groupby , having clause
   - comparison operators
   - Pattern matching

NOTE: for question on sql , students will have to perform practical on PGAdmin

Signature of teacher: 10|9|22

Signature of H.O.D.

Fr. Conceicao Rodrigues College of Engineering
Department of Electronics and Computer Science

Date: 16-09-2022

ATTENDANCE: REMEDIAL CLASSES [DBMS]

Time: 2.30pm to 4:30 pm

Venue: 307

Roll No	Name of the student	Signature of the student
9475	Giri Punit Jagdish	Punit
9481	Karandikar Ishan Shrinivas	Karandikar
9488	Mathur Akshat Amit	Amit
9492	Nishad Jaya Satyaprakash	Jaya
9493	Parmar Bhavik Sampat	Bhavik
9495	Patil Sameer Kamlakar	Patil
9505	Sequeira Steve Savio	S. Sequeira
9509	Shinde Suraj Dattatraya	Shinde
9510	Shukla Ashwin Karmdev	P.
9518	Zaheer Aamir Irfan	Aamir
9519	ZopeMugdha Dileep	[Ab]

Fr. Conceicao Rodrigues College of Engineering
Department of Electronics and Computer Science

FEED BACK – REMEDIAL CLASSES

Give your valuable feedback about remedial classes conducted on **16th September 2022**. This will help subject teacher to further improve teaching learning process. (Please tick the appropriate option)

Sr. No	Question	Strongly agree	Agree	Disagree	neutral
1	Remedial classes helped me clear my basic concepts which I could not understood in the regular class.	✓			
2	Topics covered in remedial classes were the topics I found difficult to understand		✓		
3	After attending remedial class, my confidence in DBMS subject improved.		✓		
4	Teacher explained the complex topics in easy to understand way		✓		
5	One to one interaction with student is appreciated		✓		
6	More such remedial classes should be conducted		✓		
7	Following topics are still not clear	ER Diagram			

Name of the student: Giri Punit

Signature of the student: Punit.

Fr. Conceicao Rodrigues College of Engineering
Department of Electronics and Computer Science

FEED BACK – REMEDIAL CLASSES

Give your valuable feedback about remedial classes conducted on 16th September 2022. This will help subject teacher to further improve teaching learning process. (Please tick the appropriate option)

Sr. No	Question	Strongly agree	Agree	Disagree	neutral
1	Remedial classes helped me clear my basic concepts which I could not understood in the regular class.		✓		
2	Topics covered in remedial classes were the topics I found difficult to understand		✓		
3	After attending remedial class, my confidence in DBMS subject improved.		✓		
4	Teacher explained the complex topics in easy to understand way		✓		
5	One to one interaction with student is appreciated		✓		
6	More such remedial classes should be conducted		✓		
7	Following topics are still not clear	Group by helving			

Name of the student: Karandhikar Ishan.

Signature of the student: *[signature]*

Fr. Conceicao Rodrigues College of Engineering
Department of Electronics and Computer Science

FEED BACK – REMEDIAL CLASSES

Give your valuable feedback about remedial classes conducted on 16th September 2022. This will help subject teacher to further improve teaching learning process. (Please tick the appropriate option)

Sr. No	Question	Strongly agree	Agree	Disagree	neutral
1	Remedial classes helped me clear my basic concepts which I could not understood in the regular class.	✓			
2	Topics covered in remedial classes were the topics I found difficult to understand		✓		
3	After attending remedial class, my confidence in DBMS subject improved.		✓		
4	Teacher explained the complex topics in easy to understand way	✓			
5	One to one interaction with student is appreciated		✓		
6	More such remedial classes should be conducted		✓		
7	Following topics are still not clear	—			

Name of the student: Akshat Mathur.

Signature of the student: Arath

Fr. Conceicao Rodrigues College of Engineering
Department of Electronics and Computer Science

FEED BACK – REMEDIAL CLASSES

Give your valuable feedback about remedial classes conducted on **16th September 2022**. This will help subject teacher to further improve teaching learning process. (Please tick the appropriate option)

Sr. No	Question	Strongly agree	Agree	Disagree	neutral
1	Remedial classes helped me clear my basic concepts which I could not understood in the regular class.	✓			
2	Topics covered in remedial classes were the topics I found difficult to understand	✓			
3	After attending remedial class, my confidence in DBMS subject improved.		✓		
4	Teacher explained the complex topics in easy to understand way		✓		
5	One to one interaction with student is appreciated				✓
6	More such remedial classes should be conducted		✓		
7	Following topics are still not clear	ER- diagram.			

Name of the student: Jaya Nishad.

Signature of the student: Jayu.
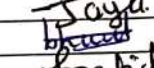
Fr. Conceicao Rodrigues College of Engineering
Department of Electronics and Computer Science

FEED BACK – REMEDIAL CLASSES

Give your valuable feedback about remedial classes conducted on **16th September 2022**. This will help subject teacher to further improve teaching learning process. (Please tick the appropriate option)

Sr. No	Question	Strongly agree	Agree	Disagree	neutral
1	Remedial classes helped me clear my basic concepts which I could not understood in the regular class.	✓			
2	Topics covered in remedial classes were the topics I found difficult to understand		✓		
3	After attending remedial class, my confidence in DBMS subject improved.		✓		
4	Teacher explained the complex topics in easy to understand way	✓			
5	One to one interaction with student is appreciated		✓		
6	More such remedial classes should be conducted		✓		
7	Following topics are still not clear	ER Diagram.			

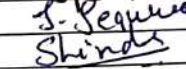Name of the student: Parmar Bhavik.

Signature of the student: bhavik

Fr. Conceicao Rodrigues College of Engineering
Department of Electronics and Computer Science

FEED BACK – REMEDIAL CLASSES

Give your valuable feedback about remedial classes conducted on **16th September 2022**. This will help subject teacher to further improve teaching learning process. (Please tick the appropriate option)

Sr. No	Question	Strongly agree	Agree	Disagree	neutral
1	Remedial classes helped me clear my basic concepts which I could not understood in the regular class.	✓			
2	Topics covered in remedial classes were the topics I found difficult to understand	✓			
3	After attending remedial class, my confidence in DBMS subject improved.	✓			
4	Teacher explained the complex topics in easy to understand way		✓		
5	One to one interaction with student is appreciated		✓		
6	More such remedial classes should be conducted	✓			
7	Following topics are still not clear	—			

Name of the student: S. Patil.

Signature of the student: *[signature]*

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Fr. Conceicao Rodrigues College of Engineering
Department of Electronics and Computer Science

FEED BACK – REMEDIAL CLASSES

Give your valuable feedback about remedial classes conducted on **16th September 2022**. This will help subject teacher to further improve teaching learning process. (Please tick the appropriate option)

Sr. No	Question	Strongly agree	Agree	Disagree	neutral
1	Remedial classes helped me clear my basic concepts which I could not understood in the regular class.	✓			
2	Topics covered in remedial classes were the topics I found difficult to understand		✓		
3	After attending remedial class, my confidence in DBMS subject improved.	✓			
4	Teacher explained the complex topics in easy to understand way	✓	✓		
5	One to one interaction with student is appreciated	✓			
6	More such remedial classes should be conducted	✓			
7	Following topics are still not clear	Aggregate function.			

Name of the student: Sequeira Steve.

Signature of the student: S. Sequur

Fr. Conceicao Rodrigues College of Engineering
Department of Electronics and Computer Science

FEED BACK – REMEDIAL CLASSES

Give your valuable feedback about remedial classes conducted on <u>16th September 2022</u>. This will help subject teacher to further improve teaching learning process. (Please tick the appropriate option)

Sr. No	Question	Strongly agree	Agree	Disagree	neutral
1	Remedial classes helped me clear my basic concepts which I could not understood in the regular class.	✓			
2	Topics covered in remedial classes were the topics I found difficult to understand	✓			
3	After attending remedial class, my confidence in DBMS subject improved.	✓			
4	Teacher explained the complex topics in easy to understand way	✓			
5	One to one interaction with student is appreciated	✓			
6	More such remedial classes should be conducted	✓			
7	Following topics are still not clear	—			

Name of the student: Suraj Shinde.

Signature of the student: Shinde.
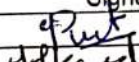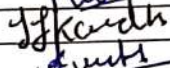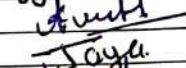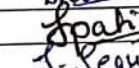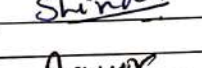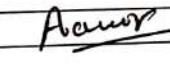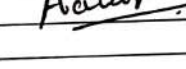
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Fr. Conceicao Rodrigues College of Engineering
Department of Electronics and Computer Science

Date: 23-09-2022

MOCK TEST - ATTENDANCE

MOCK test on 30th September 2022 at 2.30 pm in Room no. 311

Roll No	Name of the student	Signature
9475	Giri Punit Jagdish	
9481	Karandikar Ishan Shrinivas	
9488	Mathur Akshat Amit	
9492	Nishad Jaya Satyaprakash	
9493	Parmar Bhavik Sampat	
9495	Patil Sameer Kamlakar	
9505	Sequeira Steve Savio	
9509	Shinde Suraj Dattatraya	
9510	Shukla Ashwin Karmdev	
9518	Zaheer Aamir Irfan	
9519	Zope Mugdha Dileep	

Signature of teacher:

Fr. Conceicao Rodrigues College of Engineering
Department of Electronics and Computer Science

Date: 23-09-2022

NOTICE : MOCK TEST

The following students who are failing in UT1 in DBMS subject will have MOCK test on 30th September 2022 at *2.30 pm* in Room no. 311

Roll No	Name of the student	Q1	Q2	Q3	Q4	20M
9475	Giri Punit Jagdish	3	1	1	2	7
9481	Karandikar Ishan Shrinivas	2	2	1	1	6
9488	Mathur Akshat Amit	5	0	0	0	5
9492	Nishad Jaya Satyaprakash	5	2	0	0	7
9493	Parmar Bhavik Sampat	5	0	0	0	5
9495	Patil Sameer Kamlakar	3	1	0	1	5
9505	Sequeira Steve Savio	5	1	0	1	7
9509	Shinde Suraj Dattatraya	3	0	0	2	5
9510	Shukla Ashwin Karmdev	5	0	1	0	6
9518	Zaheer Aamir Irfan	1	4	0	1	6
9519	Zope Mugdha Dileep	0	0	0	4	4

Prepare following topics:

1) ER diagram
2) Sql basics
   - Create table, delete table, update table
   - Inserting values in table
   - Sql aggregate function count, avg, sum, min, max
   - SQL groupby , having clause
   - comparison operators
   - Pattern matching

NOTE: for question on sql , students will have to perform practical on PGAdmin

Signature of teacher:

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Fr. Conceicao Rodrigues College of Engineering
MOCK TEST: I

Branch/Semester- ECS/III   Date: 30-09-2022
Subject : DBMS   Time: 2.30 to 4:00 pm

Q1) ER Diagram   0₂M

Draw a neat ER diagram for Library management system. Library maintains Books along with title, author, publisher and price information. Every book has a unique bar code. Students may issue or return books as an when needed. The library maintains the issue_date and due_date for each student when he/she issues a book. The fine is calculated when the student returns the book. Student information such as stud_id, name, phone number and email has been stored. Staff may request for purchase of new books. Library purchase requested book from supplier. Suppliers information like Supplier ID, supplier name and contact and email has been maintained. Clearly show all attributes, primary keys, weak entities if any and cardinality mappings (i.e. 1:1, 1:n etc). **Assume necessary data.**

OR

A publisher company publishes Books. The Book is characterized by BookID, Title , no_of_pages and Price. The Books are written by Authors. Database stores AuthorID, Author_name, Author_acct_no and subject_specialization. One author may have specialization in multiple subjects. The company employs Editors, each takes sole responsibility for editing one or more Books. Editors are identified by Editor_ID. One book is edited by only one Editor. Every book requires some items for publication. These items are supplied by the Supplier. One supplier can supply many items. Books are purchased by Shop_Owner. A shop_owner may purchase many books form the publisher but one book can be sold to only one Shop_Owner. Company keeps records for the number of copies of each book sold to the shop_owner. Draw a neat ER – Diagram. Also show cardinality constraint on each relationship. Assume necessary data.

Q2) A) Create Following tables.   0₆M

Employee		
Empid	Numerc(3)	Primary key
Name	Varchar(20)	Not Null
Salary	Numeric(10,2)	
Dno	Numeric(2)	

Department		
dno	Numeric(2)	Primary key
dname	Varchar(20)	Not Null
Mgr_id	Numeric(3)	

Project		
pno	Numeric(3)	Primary key
Pname	Varchar(20)	Not Null
dno	Numeric(2)	

B) Answer following queries using SQL   06M
   i) Insert few records in each table.
   ii) Display all projects currently handelled by department number '10'
   ii) List the employee id and name earning more than 50,000.
   iii) List the average salary of each department.
   iv) display the name of employee having highest salary.
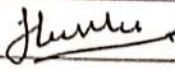   vi) display name of employee ending with 'al'.

Fr. Conceicao Rodrigues College of Engineering
Department of Electronics and Computer Science

Date: 23-09-2022

MOCK TEST – MARKS
DBMS

Class- SE ECS(Sem –III)

Mock test marks conducted on 30th September 2022 at 2.30 pm In Room no. 311

| Roll No | Name of the student | UT1 Marks | | | | | Mock test marks | | | | Sign |
		Q1	Q2	Q3	Q4	20M	Q1	Q2A	Q2B	Total	
9475	Giri Punit Jagdish	3	1	1	2	7	4	6	6	16	
9481	Karandikar Ishan Shrinivas	2	2	1	1	6	6	6	5	17	
9488	Mathur Akshat Amit	5	0	0	0	5	2	6	6	14	
9492	Nishad Jaya Satyaprakash	5	2	0	0	7	4	4	4	12	
9493	Parmar Bhavik Sampat	5	0	0	0	5	2	6	6	14	
9495	Patil Sameer Kamlakar	3	1	0	1	5	2	6	6	14	
9505	Sequeira Steve Savio	5	1	0	1	7	1	6	6	13	
9509	Shinde Suraj Dattatraya	3	0	0	2	5	2	6	5	13	
9510	Shukla Ashwin Karmdev	5	0	1	0	6	2	6	6	14	
9518	Zaheer Aamir Irfan	1	4	0	1	6	1	6	6	13	
9519	Zope Mugdha Dileep	0	0	0	4	4	2	6	0	8	

Signature of teacher: _dKoshb_
23/9/22.

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Fr. Conceicao Rodrigues College of Engineering

Department of Electronics and Computer Engineering

ANALYSIS OF UNIT TEST – 2

SUBJECT: DBMS

CLASS: S.E. ECS (Sem – III)

Total number of students appeared for Unit Test: 67

Criteria	No. of students	Percentage
Pass	62	92.53%
Fail	5	7.46%
>=60%	41	61.19%
40-50	21	31.34%
<40	5	7.46%

List of students failing in UT1:

Roll No	Name of the student	Q1	Q2	Q3	20M
9463	Ambekar Kush Rajeev	2	1	1	4
9464	Ansari Muhammad Hashir Tayyab Husain	4	1	1	6
9471	Dubey Gaurav Guruprasad	4	0	0	4
9490	Mohite Aryan Sandeep	0	0	0	0
9518	Zaheer Aamir Irfan	1	1	0	2

Action taken:

Extra Remedial classes were conducted.

Subject teacher:

Dipali Koshti

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Fr. Conceicao Rodrigues College of Engineering
Department of Electronics and Computer Science

Date: 4ᵗʰ November 2022

NOTICE : REMEDIAL CLASSES [DBMS]

Extra remedial classes have been scheduled on 8 November 2022 from 10.00 pm to 1.00 pm for the students who are failing in UT2 in DBMS subject. It is mandatory to attend theses classes for the following students. Other students who are interested may attend the same.

Roll No	Name of the student	Q1	Q2	Q3	20M
9463	Ambekar Kush Rajeev	2	1	1	4
9464	Ansari Muhammad Hashir Tayyab Husain	4	1	1	6
9471	Dubey Gaurav Guruprasad	4	0	0	4
9490	Mohite Aryan Sandeep	0	0	0	0
9518	Zaheer Aamir Irfan	1	1	0	2

The following topics would be covered:

1) SQL Joins and complex subqueries
2) Normalization Basics
3) Normalization – Problem-solving
4) Transaction – Basics

Signature of teacher: 4/4/22
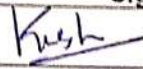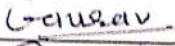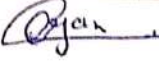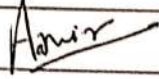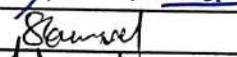
Dipali Koshti

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Fr. Conceicao Rodrigues College of Engineering
Department of Electronics and Computer Science

Date: 8th November 2022

ATTENDANCE : REMEDIAL CLASSES [DBMS]
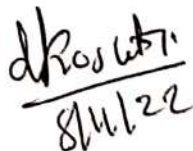
Time: 2.30pm to 4:30 pm

Venue: 307

Roll No	Name of the student	Signature
9463	Ambekar Kush Rajeev	
9464	Ansari Muhammad Hashir Tayyab Husain	
9471	Dubey Gaurav Guruprasad	
9490	Mohite Aryan Sandeep	
9518	Zaheer Aamir Irfan	

Subject Teacher:

Dipali Koshti

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Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram , Bandstand, Bandra (W),Mumbai 50.

Department of Computer Engineering

24-March-2022

This is to bring to your notice the list of students from SE Comps -Div A and B who have failed in the UT1 in subject (Operating system CSC404).

Slow Learners (Post UT1)			
SeComps B			
		SeCompsA	
9525	9614	9524	9573
9547	9625	9530	9578
9552	9627	9537	9579
9588	9628	9538	9581
9590	9635	9542	9603
9593	9639	9545	9608
9600	9642	9547	9613
9605	9761	Pratham, 9549	9632
9611	9767	visnesh 9551	9637
	9770	Rixa 9553	9648
	9772	kaushal 9554	9619
		Gaurav 9557	9763
		9571	9771
			9764

The students will go through the study materials and video links provided on moodle for better understanding of topics covered in UT1 and complete the assignment (uploaded on moodle) based on it, as a step towards understanding of concepts.

The deadline for submitting this assignment is 1st week of April, in respective lab sessions

Prof. Prachi Patil

Course Instructor

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram , Bandstand, Bandra (W),Mumbai 50.

Department of Computer Engineering

Actions to Support Weak Students and Encourage Bright Students

Course ID: CSC404	Semester: 4	
Course Name:	OPERATING SYSTEMS	
Topic Conducted:	MODULE 1, 2 &3, Intro to OS, Process Scheduling, Process Synchronization	
Drive link of Related Proofs:		
Date(s) of Action:	24/3/23 . (27+20)=47.	
Attendance (Roll Number and signature)	9525	Eshank..
	9568	mBhn.
	9552	M2
	9524	Bapulhca
	9530	(Rb)
	9537	Danm?
Feedback of the students:	Understood the concepts. Topics well explained.	

Fr.C.R.C.E.

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram , Bandstand, Bandra (W),Mumbai 50.

Department of Computer Engineering

14th May 2022

Remedial Lecture will be conducted on 16th May 2023 at 2pm online for course of Operating systems- Sem 4 for Se Computer Division A and B.

Theoretical and Numerical Questions from University papers will be solved and queries pertaining to any topic will be discussed.

Link for the session: meet.google.com/tvi-qkhb-bmc

Prof. Prachi Patil

Course Instructor

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram , Bandstand, Bandra (W),Mumbai 50.

Department of Computer Engineering

Remedial Lectures Taken Report

2022 -2023

COURSE ID:CSC404	COURSE NAME: Operating Systems
SEM:4	DATE: 16th May 2023
Topic covered	Revision of Numerical questions from University papers. Discussion of Theoretical questions.

Feedback (Any 5 students on random)

Total Attendance : 26 – Online Lecture

Roll No	Feedback
9594	Chhand C
9595	Atharva Dalvi
9557	Gaurav Mishra
9524	Basilica Anthony

<This document will be supported by appropriate communication established with target students ie mails/ notices etc>

Fr.Conceicao Rodrigues College Of Engineering
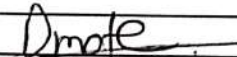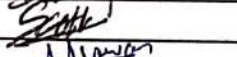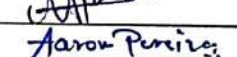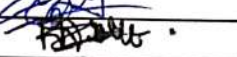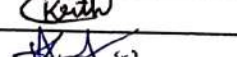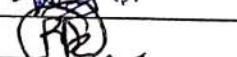
Department of Computer engineering

Notice

Subject: Remedial Class for T.E. Computer SEM V (Div A & B)

Following students of the class TE Computer are hereby informed that the remedial classes for **Theoretical Computer Science** is scheduled on 14th November 2022 from 1pm to 4pm. Topics for the discussion are **Regular Grammer, Chomksy Normal form, Pushdown automata.**

Venue: Room No. 508

Roll No(s)	Student Name(s)	Signature
9252	Dmonte Rancecharles	
9257	Fernandes Scottrichard	
9283	Pawar Nayansantosh	
9284	Pereira Aaronallwyn	
9256	Emmatty Samueltimothy	
9182	Bhosale Abhayanil	
9289	Rodrigues zealjoseph	
9188	Dmello Rudolfjalacio	
9196	Fernandes Ericvivek	
9199	Gonsalves Keithrajesh	
9201	Kamoji Anmolsunil	
9228	Rodrigues Rubenrobert	
9229	Rumde Ritikamilind	
9425	Lopes Larryagnelo	
9426	Nadar Athsadevaraj	
9431	Rodrigues Shawnwilliam	

HOD

(Computer Department)

Subject Teacher

Mrs.Sangeeta Parshionikar

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram , Bandstand, Bandra (W),Mumbai 50.

Department of Computer Engineering

Remedial Lectures Taken Report

2022 - 2023

COURSE ID: (CSC 501)	Course Name: TCS
SEM: III	DATE: 14 - 11 - 2022
Topic covered - Regular Grammer Chomsky Noraml form Pushdown Automata	

Feedback (Any 5 students on random)

Roll No	Feedback
9257	Questy of ⊕CNF is Solved.
9283	Problem solving practice was taken.
9229	Concept of Regular Grammer is well understood
9425	understood above topics.
9426	Understood concept of pushdown automata.

Date: 13/9/2022
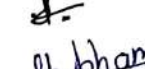
Class: TE Computer div B students

Date: 13 th September 2022 3:30 p.m. to 4:30p.m.

Venue:classroom 606

Topics:

1) Revision of Software development Process Models

Roll No	Name	Sign
8854	BHAT ZAHID MAJEED	
9248	DABRE SHAUN RAYMOND	
9252	DMONTE RANCE CHARLES	
9254	DSILVA CHRIS DOLTON	
9256	EMMATTY SAMUEL TIMOTHY	
9257	FERNANDES SCOTT RI CHARD	
9280	PATIL DEVRAJ MANISH	
9283	PAWAR NAYAN SANTOSH	
9284	PEREIRA AARON ALLWYN	
9286	RODRICKS SAVIO SIMON	
9296	SONAR SHUBHAM HARISHANKAR	

Prof. Ashwini Pansare
(Computer Engg. Department)

Date: 15/10/2022

Time: 9:30 a.m. to 1:00p.m

Venue: Classroom No 606

Topics:

1) Revision of Software design concepts and principals
2) Revision of software testing techniques

Name	Roll No	Sign
8854	BHAT ZAHID MAJEED	
9248	DABRE SHAUN RAYMOND	
9252	DMONTE RANCE CHARLES	
9254	DSILVA CHRIS DOLTON	
9256	EMMATTY SAMUEL TIMOTHY	
9257	FERNANDES SCOTT	
9280	PATIL DEVRAJ MANISH	
9283	PAWAR NAYAN SANTOSH	
9284	PEREIRA AARON ALLWYN	
9286	RODRICKS SAVIO SIMON	
9296	SONAR SHUBHAM HARISHANKAR	

Prof. Ashwini Pansare
(Computer Engg. Department)

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Date: 14/9/2022
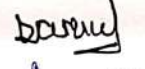
Class: TE Computer div B students

Date: 14 th September 2022 3:30 p.m. to 4:30p.m.

Venue:classroom 606

Topics:

1) Revision of LOC and FP Estimation Techniques

Roll No	Name	Sign
8854	BHAT ZAHID MAJEED	
9248	DABRE SHAUN RAYMOND	
9252	DMONTE RANCE CHARLES	
9254	DSILVA CHRIS DOLTON	
9256	EMMATTY SAMUEL TIMOTHY	
9257	FERNANDES SCOTT RICHARD	
9280	PATIL DEVRAJ MANISH	
9283	PAWAR NAYAN SANTOSH	
9284	PEREIRA AARON ALLWYN	
9286	RODRICKS SAVIO SIMON	
9296	SONAR SHUBHAM HARISHANKAR	

Prof. Ashwini Pansare
(Computer Engg. Department)

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Feedback of Remedial class

Sub: Software Engineering
TE COMPS B
Academic year: (2022-23)
SEM V
Date: 15/10/2022

Topics covered: Revision of Software design concepts and principals
Revision of software testing techniques

Please select the rating on the following criteria:

4= Strongly agree   3=Agree   2=disagree   1= Strongly disagree

1. Remedial lectures helped me to understand the topics covered in depth
☑4   ☐3   ☐2   ☐1

2. My doubts regarding the topics were solved.
☑4   ☐3   ☐2   ☐1

3. This lecture motivated me to relate thigs learned in theory to real world scenarios
☑4   ☐3   ☐2   ☐1

4. Overall rating of the session
☑4   ☐3   ☐2   ☐1

Give your general feedback in few words: _Helps me How to do_

whitebox blacebox testing (durning las session

Feedback of Remedial class

Sub: Software Engineering
TE COMPS B
Academic year: (2022-23)
SEM V

Topics covered: Revision of LOC and FP

Please select the rating on the following criteria:

4= Strongly agree   3=Agree   2=disagree   1= Strongly disagree

1. Remedial lectures helped me to understand the topics covered in ?
☑4   ☐3   ☐2   ☐1

2. My doubts regarding the topics were solved.
☑4   ☐3   ☐2   ☐1

3. This lecture motivated me to relate thigs learned in theory to real world scenarios
☑4   ☐3   ☐2   ☐1

4. Overall rating of the session
☑4   ☐3   ☐2   ☐1

Give your general feedback in few words: _Helped me to solve_

problems Of based on cocomo

Fr.Conceicao Rodrigues College of Engineering

Department of Artificial Intelligence & Data Science

Date: 6/11/22

Notice

Dear students remedial class in the subject of Internet of things , Sem V is scheduled on 7/11/22 at 10 am in lab 810.

Gaumas
6/11/22

Fr.Conceicao Rodrigues College of Engineering

15. Steps taken to identify weak students:

Criteria : Students Failed in Unit test 1

Roll no	Name
9388	Nayonica Sherlin
9460	Nimish Nandanwar

Remedial Classes:

Steps:

1. Put up notice
2. Take attendance
3. take Feedback

COURSE ID:	COURSE NAME:
	DATE: 7/11/22
SEM	Edge Protocols in IoT
Topic covered	
Feedback (Any 5 students on random)	Feedback(Attached separately)
Roll No	

Society of St. Francis Xavier, Pilar's
Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Technical Education Complex Bandstand,
Bandra Mumbai -400 050

Department of Artificial Intelligence and Data Science Engineering

Feedback Form

Date: 7/11/22

Subject name: Internet of Things

Semester: V

Remedial Test on Protocols

Duration: 1hr

Name: Nimish . Nandanwar

Roll no: 9460

Sr.no	Questionaire	Strongly agree	agree	disagree
1.	Are you able to list down the various communication protocols?	✓		
2.	Are you able to compare MQTT and CoAP ?	✓		
3.	Are you able to describe different message modes of CoAP?	✓		
4.	Are you able to understand the various Protocols in IoT	✓		

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Society of St. Francis Xavier, Pilar's
Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Technical Education Complex Bandstand,
Bandra Mumbai -400 050

Date: 7/11/22

Subject name: Internet of Things

Semester: V

Remedial Test on Protocols

Duration: 1hr

Name: Nayonica Shukla

Roll no: 9388

Sr.no	Questionaire	Strongly agree	agree	disagree
1.	Are you able to list down the various communication protocols?	✓		
2.	Are you able to compare MQTT and CoAP ?	✓		
3.	Are you able to describe different message modes of CoAP?	✓		
4.	Are you able to understand the various Protocols in IoT	✓		

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Date:7/10/2022

Notice for Digital Logic and Computer Architecture :Remedial Lecture

Digital Logic and Computer Architecture remedial class for SE Computer Div A & B students is scheduled on **14th Oct 2022** (Friday) from **1:30pm to 3:30p.m** in classroom 607.

Topics to be covered:

1) Arithmetic algorithms will be revised
2) Control Unit Design, and Memory Organization will be revised

All Students listed below should be present for the same

9520	Almeida Bastien
9527	Chawardol Vedant
9533	Dmello Royce
9537	Dsouza Jason
9544	John Andre Varghese
9549	Kalekar Pratham
9631	Pereira Alroy
9632	Pradhan Siddhesh
9648	Virani Darsh
9552	Kotambkar Mrunal
9588	Batliwala Muhammad
9599	Dsilva Leslie
9617	Lewis Joshua
9640	Shinde Mihir Rajendra

Prof. Heenakausar Pendhari
ComputerEngg. Department)

Dr. Sujata Deshmukh
(H.O.D, Computer Engg. Department)

Fr. Conceicao Rodrigues College of Engineering
Bandra(w)
Department of Computer Engineering.
SE Computers
Subject: Digital Logic & Computer Organization
Academic Year: 2022-23

1) The octal number $(651.124)_8$ is equivalent to _____

a) $(1A9.2A)_{16}$
b) $(1B0.10)_{16}$
c) $(1A8.A3)_{16}$
d) $(1B0.B0)_{16}$

2) Convert the hexadecimal number $(1E2)_{16}$ to decimal:
a) $(480)_{10}$
b) $(483)_{10}$
c) $(482)_{10}$
d) $(484)_{10}$

3) In the excitation table for a J-K flipflop, what do we have to apply on the J and K inputs to change the output value from 1 to 0 ?
a) J= 1 , K = X
b) J= X , K = 0
c) J = X , K = 1
d) J = 0 K = X

4) perform the multiplication using Booths algorithm.

7 X -3

5) Consider a direct mapped cache of size 512 KB with block size 1 KB. There are 7 bits in the tag. Find-

1. Size of main memory
2. Tag directory size

6) Consider a 4-way set associative mapped cache with block size 4 KB. The size of main memory is 16 GB and there are 10 bits in the tag. Find-

1. Size of cache memory
2. Tag directory size

7) Explain with neat block diagram Microprogrammed control unit.

8) Explain different addressing modes.

Fr. Conceicao Rodrigues College of Engineering
Bandra(w)
Department of Computer Engineering.
SE Computers
Subject: Digital Logic & Computer Organization
Academic Year: 2022-23

1) The octal number $(651.124)_8$ is equivalent to _____

a) $(1A9.2A)_{16}$
b) $(1B0.10)_{16}$
c) $(1A8.A3)_{16}$
d) $(1B0.B0)_{16}$

2) Convert the hexadecimal number $(1E2)_{16}$ to decimal:
a) $(480)_{10}$
b) $(483)_{10}$
c) $(482)_{10}$
d) $(484)_{10}$

3) In the excitation table for a J-K flipflop, what do we have to apply on the J and K inputs to change the output value from 1 to 0 ?
a) J= 1 , K = X
b) J= X , K = 0
c) J = X , K = 1
d) J = 0 K = X

4) perform the multiplication using Booths algorithm. (Solution in PPT)

7 X -3

5) Consider a direct mapped cache of size 512 KB with block size 1 KB. There are 7 bits in the tag. Find-

1. Size of main memory
2. Tag directory size

Solution-

Given-

- Cache memory size = 512 KB
- Block size = Frame size = Line size = 1 KB
- Number of bits in tag = 7 bits

We consider that the memory is byte addressable.

Number of Bits in Block Offset-

We have,

Block size

= 1 KB

= 2^{10} bytes

Thus, Number of bits in block offset = 10 bits

Tag	Line Number	Block / Line Offset
7 bits		10 bits
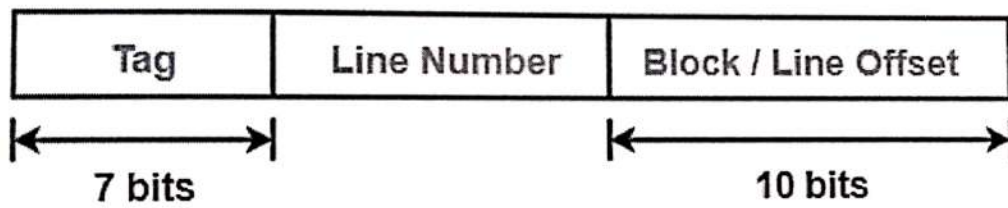
Number of Bits in Line Number-

Total number of lines in cache

= Cache size / Line size

= 512 KB / 1 KB

= 2^9 lines

Thus, Number of bits in line number = 9 bits
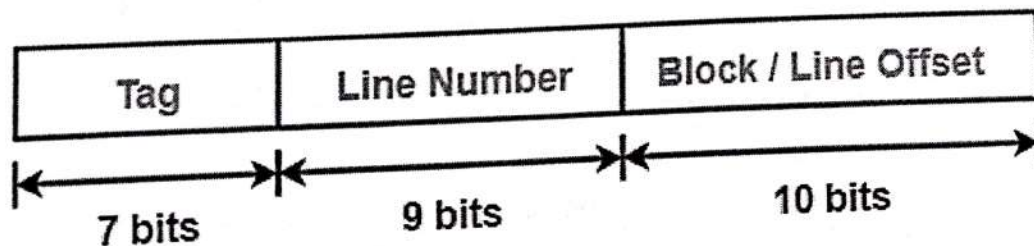
Tag	Line Number	Block / Line Offset
7 bits	9 bits	10 bits

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
Department of Electronics Engineering

IDENTIFICATION OF SLOW LEARNERS / WEAK STUDENTS IN NEED OF ACADEMIC COUNSELLING

(a) Course & Subject Details :-

Class & Division	B.E. ECS sem 8
Subject Name	NLP
Academic Year	2022-23
Faculty I/C	Dipali Kosht.

(b) Details of Slow Learner Student Identified:-

Name of Student	Adroit DSouza
Subject Attendance	70 %.
Unit Test No. 1 Marks	10% 12/20.
Remarks / Comments	Sincere but takes time to grasp concepts.

(c) Remarks / Comments by Student :-

The only objective of this activity is to ensure that you get maximum help & support in order to overcome any possible problems or hindrances that you may face in dealing with the subject. You are requested to express in your own words, any issues that you face on an academic front so that in the future your academic performance in the above mentioned subject can be greatly improved. The faculty / staff I/C undertake to maintain strict confidentiality of this discussion.

NLP is intresting subject but, I understand when madam teaches, but find difficult to memarise.

(d) Any specific suggestions for improvement / Comments (by teacher in-charge):

- Suggested regular study of the subject
- Gave some practical problems to solve
- Conducted Remedial classes for NLP.

(e) Signature of Student & Faculty I/C :-

Fr. Conceicao Rodrigues College of Engineering

Department of Electronics and Computer Science

REMEDIAL CLASSES

NOTICE

This is to inform that remedial classes for NLP have been scheduled on 4-3-2023 in room no. 311. Students are requested to inform the topics in NLP subject in advance that they find difficult and need to be covered.

Dipali Koshti
2/3/2023
Subject Teacher

Dr. Sapna Prabhu 2/3/23

HOD – ECS Dept.

Fr. Conceicao Rodrigues College of Engineering
Department of Electronics and Computer Science
REMEDIAL CLASSES
NOTICE

This is to inform that remedial classes for NLP have been scheduled on **20-04-2023** and **21-04-2023** in room no. 302 as per the following schedule. Students are requested to inform the topics in NLP subject in advance that they find difficult and needs to be covered.

Schedule:

20-04-2023 – 10.00 am to 12.00 pm

21-04-2023 – 9.30 am to 11.30 am

Dipali Koshti

Subject Teacher   15/4/23

Dr.Sapna Prabhu   15/4/23
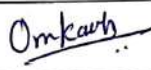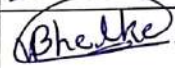
HOD – ECS Dept.

Fr. Conceicao Rodrigues College of Engineering
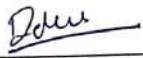## Department of Electronics and Computer Science
REMEDIAL CLASSES
Class – B.E. ECS (NLP)

Date: 20-04-2023
Venue: Room No. 302
Time: 10.00 to 12.00

Sr. No	Roll No	Name	Signature
1	8810	KHANMOHD ZEESHAN MOHDKASIM	
2	8802	DSOUZA ADROIT ROBERT	
3	8826	PATIL OMKAR	
4	9070	GANGAWANE SIDDHANT	
5.	8840	VINAY SHELKE	

Topics To covered:

1. HMM Model of POS tagging
2. Viterbi algorithm for POS tagging

Fr. Conceicao Rodrigues College of Engineering
Department of Electronics and Computer Science
REMEDIAL CLASSES
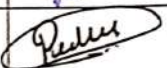## Class – B.E. ECS (NLP)

Date: 21-04-2023
Venue: Room No. 302
Time: 9.30 to 11.30

Sr. No	Roll No	Name	Signature
1	8810	KHANMOHD ZEESHAN MOHDKASIM	
2	8802	DSOUZA ADROIT ROBERT	
3	8826	PATIL OMKAR	
4	9070	GANGAWANE SIDDHANT	

Topics To covered:

1. Pragmatic analysis – Basics
2. Pragmatic Analysis – challenges
3. Document similarity
4. Applications of NLP – Sentiment analysis, Text summerization
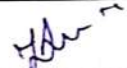
Fr. Conceicao Rodrigues College of Engineering
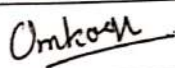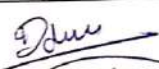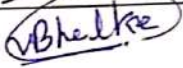## Department of Electronics and Computer Science
REMEDIAL CLASSES
Class – B.E. ECS (NLP)

Date: 04-03-2023
Venue: Room No. 311
Time: 10.00 am to 12.00 pm

Sr. No	Roll No	Name	Signature
1	8810	KHANMOHD ZEESHAN MOHDKASIM	
2	8802	DSOUZA ADROIT ROBERT	
3	8826	PATIL OMKAR	
4	9070	GANGAWANE SIDDHANT	
5	8800	VINAY SHELKE	

Topics To covered:

1. Introduction to NLP
2. Types of ambiguity in NLP
3. Document classification using Naïve Bayes
4. Minimum edit distance – algorithm and problems
5. N- Gram Model and numerical

Feedback of Remedial classes (Give your feedback about remedial classes conducted) Write any suggestions is any to improve remedial coaching.

Roll No	Name	Remarks
8810	Zeeshan Khan.	Remedial classes conducted were really useful. It cleared my basic conapth
8826	Patil Omkar	Numerials taught by maam understood well. Useful classes.
8802	Adroit DSouza	Very Useful. Remedial classes helped me gain confidence in NLP.
9070	Sidhant G.	Good explaination. Some what useful,

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
Fr. Agnel Ashram, Bandra, Mumbai 400 050
Department of Computer Engineering

NOTICE FOR SE COMPS A

Date: 02/05/2023

Students of SE Comps A are hereby notified that remedial class for students who failed in Internal Assessment is scheduled on 3rd May 2023. The list of students who failed in IA is mentioned below. It is mandatory for these students to attend remedial classes and give retest. The date and time of the remedial class and retest is mentioned below.

Date: 03/05/2023

Time for remedial class: 1.30 pm to 2.30 pm

Practice Assignment on topics covered in remedial class: 2.30 pm to 03.00 pm.

Retest: 3.00 pm to 4.00 pm

Students should come with Assignment papers, pen and pencil etc.

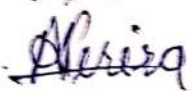| Roll No.	Student Name
9520	Almeida Bastien Prakash
9526	Bisht PushpenderSingh SureshSing
9527	Chawardol Vedant Lalitkumar
9530	Dhar Kartik Vijay
9549	Kalekar Pratham Pandurang
9554	Mahajan Kaushal Sushil
9562	/Panikkassery Shreya Bose
9573	Rumao Jovan Robert
9575	Saner Raj Sunil
9579	/Sharon Christyraj
9580	Thakkar Vansh Prashant
9582	Valladares Marlon Mario
9613	/Junghare Divya Prakash
9630	Pereira Aaron Rajesh
9764	Pawar Joel Santosh
9766	Vengurlekar Devesh Nayan

Prajakta Mandar Dhamanskar

Subject Teacher
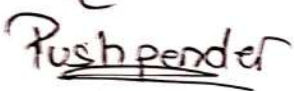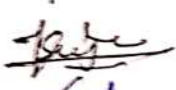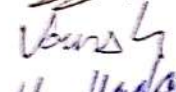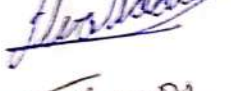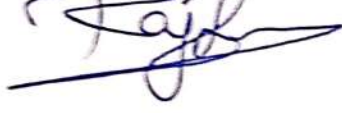
Attendance for Remedial   03/05/2023
                                      Class

Roll No.	Name	Signature
9562	Shreya Panikkassery	
9580	Vansh Thakkar	Vansh
9582	Marlon Vallachres	
9579	Sharon Christyraj	
9575	Raj Saner	
9526	Pushpendersingh Bisht	Pushpender
9613	Divya Junghare	
9554	Kaushal Mahajan	
9766	Devesh Vengurlekar	
9764	Joel Pawar	
9527	Vedant chawandol	V
9630	Aaron Pereira	
9573	Jovan Rumao	
9520	Bastien Almeida	
9530	Kartek Dhal	

Attendance for Retet

Roll No	Name	Signature
9764	Joel Paul	
9527	vedant chawardal	
1630	Aaron Perira	
573	Jovan Rumao	Ruma
690	Bastien Almeida	
630	Kartik Dhar	
526	Pushpendersingh Bisht	Pushpender
613	Dinuya Junghare	
554	Kaushal Mahajan	
66	Devesh Vengurlekar	
62	Shreya Panikkassery	Shreya
30	Vansh Thakkar	Vansh
31	Marlon Valladares	
9	Sharon Christyraj	
75	Raj Soner	Raj

Feedback for Remedial class conducted on
03/05/2023

Name	Roll No.	Comments / Feedback
Pushpendersingh Bisht	9526	It was helpful and some of concepts got cleared in which I had doubt before.
Jovan Rumao	9573	It is very good course all the Concept got cleared in Which I had doubt before.
Bastien Almeida	9520	The remidial class was good the concepts were made clear in it.
Sheeya Panikkassery	9562	The remedial class was very helpful and all the doubts are cleared.
Raj Soner	9575	The remedial class revised all my rusty concepts and cleared the concepts very well.
Devesh Vengurlekar	9766	The remedial class was helpful and all the concepts were cleared.

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Fr. Agnel Ashram , Bandstand, Bandra (W),Mumbai 50.

Department of Computer Engineering

Actions to Support Weak Students

Course ID: CSC303	Semester: III
Course Name:	Data Structures
Topic Conducted:	Remedial class was taken and following topics were covered: 1. What is hashing? Hashing techniques, collision resolution techniques with examples. 2. Problems on hashing. 3. Binary Search Tree, AVL tree. Problems on AVL tree. 4. Graph traversal methods, DFs and BFS.
Drive link of Related Proofs:	https://drive.google.com/drive/folders/1uw7yAJ7INnKBOenlMxXDbghUrA975J5i?usp=share_link
Date(s) of Action:	09/11/2022
Attendance (Roll Number and signature)	Attendance is attached in the drive link
Feedback of the students:	Feedback is attached in the drive link

Remedial Lecture Report

Weak students were identified through different tools like poor performance in Unit test, Lab etc.

These students were informed about the remedial class scheduled for them. The notice about remedial class was displayed.

One remedial lecture was conducted on 09/11/2022 from 9.00 am to 11.15 am.

Topics covered in remedial lecture:

1. What is hashing? Hashing techniques, collision resolution techniques with examples.
2. Problems on hashing.
3. Binary Search Tree, AVL tree. Problems on AVL tree.
4. Graph traversal methods, DFs and BFS.

After remedial lecture a test was conducted based on topics covered in the class.

Attendance and Feedback was taken from the students.

Students appreciated as important topics were revised and practice was taken on problem solving which helped them to write the test.

Subject Teacher

Prajakta Dhamanskar

and feedback

Attendance for Remedial Class conducted on 09/11/2022 at 9:00 am to 11:00 am.

Roll No.	Name	Sign.	Feedback
9554	Kaushal Mahajan	Kaushal	All topics got covered within one hour. IMP
9547	Pradyumnaa Kadam	P.Kadam	so it was very Beneficial. All topics got covered.
9587	Sania Almeida	SNA	It was very helpful as my concepts got clear & understood it very well.
9579	Sharon Christyraj	Sharon	Very helpful and also got to learn more & understood every concept.
9588	Muhommad. Batlwala	MBatlwa	Very helpfull got to learn more concepts clearly.
632	Siddhesh	SD	Excellent
639	Anuf Shaikh	A.h.	Excellent
9619	KIM LOPES	Kim	NICE CLASS, HELPED A LOT
9597	Nathan Dias	Ndg	Very informative & helpful.
9578	Kashish Sharm	Sharma	Awesome Lecture, helped alot
9530	Kartik Dhbe	Kartik	Loved it, Understand everything

Topics Covered in Remedial Class:-
① Hashing
② BST & AVL tree
③ Graph & Graph traversal methods DFS & BFS

Prajakta Dhamankar

REMEDIAL ASSIGNMENT QUESTIONS

SUBJECT : DBMS

1) Explain 1NF with example.
2) Explain 2NF with example.
3) Explain 3NF with example.
4) Explain with example partial and full functional dependency.
5) Explain transitive functional dependency with example.
6) R(A,B,C,D,E,F)

   FD-{C->F,E->A,EC->D,A->B}

   Find the candidate key and convert relation R in 3NF.
7) R(A,B,C,D)
   FD{A->B, B->C, C->D}
   Find the candidate key and convert relation R in 3NF
8) Explain ACID (Atomicity, Consistency, Isolation and Durability) properties for transaction.

9) Write SQL queries for following Questions.

Employee_table

ID	Name	Dept_name	age	Salary
1	Ramesh	Marketing	35	20000
2	Ram	Finance	25	15000
3	Kaushik	Accounts	23	25000
4	Chaitali	Finance	25	65000
5	Hardik	Accounts	27	85000
6	Komal	Marketing	22	45000
7	John	Finance	24	100000

1. Write a query to create Employee_table.
2. Insert new tuple in Employee_table.
3. Retrieve the entire contents of names and Dept_name of all employees.
4. List all employee of accounts department.
5. Change age=25 for ID= 7.
6. Delete all employees whose department is Marketing.
7. Retrieve the name of all employee whose salary is above 45000. (Write a query using nested subquery)
8. Find maximum salary for each department.

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Remedial Lecture

Date: 06/5/2023

Class : SE AI&DS

Sem: IV

Subject : Database Management System

Subject Teacher: Prof. Sarika M. Davare

Sr. no	Topics Covered
1.	SQL Queries
2.	Data Normalization
3.	Transaction Management
4	Relational Algebra
5.	Doubt solving

Venue: 803

COURSE ID:	COURSE NAME: Database Management System	
SEM IV	DATE: 6/5/2023	
Feedback (Any 5 students on random)		
Roll No:	Feedback	Signature
1. 9741	Got the queries regarding "finding candidate key & converting relation to 3NF" solved	@ryas
2. 9690	Understood relational Algebra and Normalisation	Inaye
3. 9721	with her ever helping attitude towards students, Sarika ma'am has helped us understand concepts thoroughly	
4. 9705	I understood the relational algebra	

DEPARTMENT OF ELECTRONCS AND COMPUTER SCIENCE

No.	Comment	Signature
5 9758	I understood all Relational Algebra	(Arvind).
6 9726	All the queries and the concepts were clearly taught	Rny
7 9695	I understood the concept of to find candidate key & convert it into 2NF	Pavai
8 9687	I understood the problems related to SQL queries and relational Algebra.	M
9 9698	I understood all the concepts not main taught in the remedial lecture	des
10 9735	Understood all the concepts taught in the remedial lecture	Redm
11 9730	I Understand all the concepts that Ma'am taught me in the class.	A.R.Patil.
12 9727	I Understood everything ☺	
13 9714	I understand relational Algebra	
14 9723	I understand relational Algebra and can SQL Queries.	
15 9707	I understood all the concepts of DBMS and Relational Algebra	Satej
16 9809	my all doubts were cleared related to 2nF, transactions	Prin
17		
18		
19		
20		

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
Department of Artificial Intelligence & Data Science

Subject name: Artificial Intelligence
IDENTIFICATION OF SLOW LEARNERS

1. Course & Subject Details

Academic Year	2022-23		
Branch & Course	TE AI & DS	Subject Name	Artificial Intelligence
Semester & Division	V	Department	AI & DS
		Subject Code	CSC503

2. Techniques for Identifying Slow Learners

Following techniques have been used by the undersigned to identify slow learners (students) for the subject of Web Technologies

- Attendance & overall observation in theory lectures
- Performance in Laboratory work
- Performance in both the unit test – I & II
- Ability to answer in logical manner pertaining to question asked

3. Slow Learners Identified

Roll / ID No.	Name of Students
9377	Jonathan Joseph
9411	Jace Tuscano

4. Observations & Remedial Action

Remedial classes were planned for the weak student based on Attendance and Unit Test marks. Those who could not fulfill the set criteria are called for remedial classes. Students were asked to choose the topics they feel critical from understanding and exam point of view.

Name	Roll Number	Reason for remedial class
Jonathan Joseph	9377	Failed in Unit tests.
Jace Tuscano	9411	Failed in both the tests and could not perform lab work experiments

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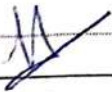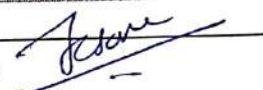# FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE   22-23

Saurabh Kulkarni
Course Teacher

Dr.Jagruti Save
Head of the AI & DS Department

Subject – AI   T.E.(AI&DS) Remedial 07-11-22

Name	Roll No.	Sign.
Jonathan Joseph	9377	*(signature)*
Jace Tuscano	9411	*(signature)*

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
Department of Electronics and Computer Science

Consolidated report of slow learners

1. Course & Subject Details

Academic Year	2022-23
Branch	ECS
Semester	VI

2. List of slow learners (overall)

Sr.	Roll No.	Name of Student	Name of the subjects in which the student is weak	Name of the mentor	Observations by the mentor
1	9151	Malcom P.	AI, DWM, ESRTOS	Dipali K.	Student need to be focused on goals.
2	9153	Sahil Purohit	AI, DWM, ML	Bhoir D.	Need more attention on studies.
3	8808	Jeshuran E.	ESRTOS, AI, DWM, M	Archana L.	Involved more in extra-curricular so weak
4	9140	Yash Malani	ESRTOS, AI, DWM, ML	Binsy J.	Need improvement in attendance (focus on studies
5	9619	Jeroy R.	—y—		Need to improve in studies

Class Teacher

3. Observations by Head of the department

Sr.	Roll No.	Name of Student	Any special action need to be taken for improvement	Sign of the student
1	8808	Jeshurun E	Good in aptitude but not focusing on studies.	
2	9153	Sahil Purohit	Weak & slow learner need to practice studies regourously	

3. Any other comments by Head of the department

→ Performance of Jeshurun E. is degraded due to his extra curricular activities in council. To improve it he needs to focus more on subject studies & curricular activities

Head, Department of ECS
Date:

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
Department of Electronics and Computer Science

Consolidated report of slow learners

1. Course & Subject Details

Academic Year	2022 - 2023
Branch	E-C.S.
Semester	III

2. List of slow learners (overall)

Sr.	Roll No.	Name of Student	Name of the subjects in which the student is weak	Name of the mentor	Observations by the mentor
1	9518	Zaheer Ameer	DSAT	Prajkata B	
2	9495	Sameer Patil	DSAT	Archana L	Has a lazy approach &
3	9498	Akshant Mathur	DSAT	Archana L	time management issue

Class Teacher

3. Observations by Head of the department

Sr.	Roll No.	Name of Student	Any special action need to be taken for improvement	Sign of the student

3. Any other comments by Head of the department

Head, Department of ECS
Date:

1

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
Department of Electronics Engineering

IDENTIFICATION OF SLOW LEARNERS / WEAK STUDENTS IN NEED OF ACADEMIC COUNSELLING

(a) Course & Subject Details :-

Class & Division	T-E-ECS
Subject Name	Data Warehousing and Mining
Academic Year	2022-23
Faculty I/C	Vaibhav Godbole

(b) Details of Slow Learner Student Identified:-

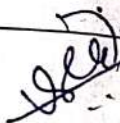| Name of Student	Pereira Malcom (9151)
Subject Attendance	
Unit Test No. 1 Marks	05
Remarks / Comments	Not able to understand DW concepts and solve problems.

(c) Remarks / Comments by Student :-

The only objective of this activity is to ensure that you get maximum help & support in order to overcome any possible problems or hindrances that you may face in dealing with the subject. You are requested to express in your own words, any issues that you face on an academic front so that in the future your academic performance in the above mentioned subject can be greatly improved. The faculty / staff I/C undertake to maintain strict confidentiality of this discussion.

Due to Certain circumstances wasn't able to manage academics & Team activities. Will work on my management (Time, Resources, etc).

(d) Any specific suggestions for improvement / Comments (by teacher in-charge):

(e) Signature of Student & Faculty I/C :-

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
Department of Electronics Engineering

IDENTIFICATION OF SLOW LEARNERS / WEAK STUDENTS IN NEED OF ACADEMIC COUNSELLING

(a) Course & Subject Details :-

Class & Division	T-E-ECS
Subject Name	DWM
Academic Year	2022-23
Faculty I/C	Vaibhav Godbole

(b) Details of Slow Learner Student Identified:-

Name of Student	Purohit Sahil (9153)
Subject Attendance	40%
Unit Test No. 1 Marks	07
Remarks / Comments	Not able to understand Data warehousing concepts.

(c) Remarks / Comments by Student :-

The only objective of this activity is to ensure that you get maximum help & support in order to overcome any possible problems or hindrances that you may face in dealing with the subject. You are requested to express in your own words, any issues that you face on an academic front so that in the future your academic performance in the above mentioned subject can be greatly improved. The faculty / staff I/C undertake to maintain strict confidentiality of this discussion.

It was my fault, I will try my best to improve myself.

(d) Any specific suggestions for improvement / Comments (by teacher in-charge):

(e) Signature of Student & Faculty I/C :-