

**List and description of courses and Activities which address the Professional Ethics,  
Gender, Human Values, Environment and Sustainability into the Curriculum.**

**2022-2023**

<b>Sr. No.</b>	<b>Cross cutting Issues</b>	<b>Course</b>	<b>Program</b>	<b>AdditionalActivities</b>
1	Professional Ethics	Professional Communication and Ethics-I, Business Communication and Ethics, Project Management, FE Induction Program	All Branches	Organized a Project Competition “PRAKALP” on Crescendo
2	Gender			Mental Health Awareness Session By WIE-IEEE “CRCE TRANSYLVANIA” By WIE Technical event “INGENIUM” By WIE-IEEE Women Leaders In Startup By WIE Women In Engineering By WIE Understanding the Phases of Startup By WIE
3	Human Values	FE Induction Program	All Branches	My Story – Motivational Session By Successful Innovators ‘FEAR FAIR’ event in Synergy 2k22 Software Freedom Day By CSI HACKOVER 3.0 Hackathon By CSI UNSCRIPT 2K23 Rookie’s Hackathon ‘Code-o-fiesta’ By CSI Breaking-the-Binary By CSI ANIMAL WELFARE By NSS World Teacher’s Day By NSS FOOD FEST By NSS NATIONAL UNITY DAY By NSS MASTERCHEF By NSS
4	Environment and Sustainability	Environmental Studies	All Branches	ONLINE DONATION DRIVE By TED <sup>x</sup> -CRCE SWACCHATA HI SEVA By NSS NIRMALYA MUKTI By NSS

**Supporting Documents for Curriculum and Activities related to  
Professional Ethics, Gender Equity, Human Values and Environment  
and Sustainability (A.Y. 2022-2023)**

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# UNIVERSITY OF MUMBAI



## Bachelor of Engineering

First Year Engineering (Semester I & II), Revised course

(REV-2019 'C' Scheme) from Academic Year 2019-20

(Common for All Branches of Engineering)

Under

**FACULTY OF SCIENCE & TECHNOLOGY**

(As per AICTE guidelines with effect from the academic year 2019-2020)

**SemesterII**

Course Code	CourseName	TeachingScheme (Contact Hours)			CreditsAssigned				
		Theory	Pract.	Tut.	Theory	Pract.	Tut.	Total	
FEC201	EngineeringMathematics-II	3	--	1*	3	--	1	4	
FEC202	EngineeringPhysics-II	2	--	--	2	--	--	2	
FEC203	EngineeringChemistry-II	2	--	--	2	--	--	2	
FEC204	EngineeringGraphics	2	--	--	2	--	--	2	
FEC205	Cprogramming	2	--	--	2	--	--	2	
FEC206	ProfessionalCommunication andEthics-I	2	--	--	2	--	--	2	
FEL201	EngineeringPhysics-II	--	1	--	--	0.5	--	0.5	
FEL202	EngineeringChemistry-II	--	1	--	--	0.5	--	0.5	
FEL203	EngineeringGraphics	--	4	--	--	2	--	2	
FEL204	Cprogramming	--	2	--	--	1	--	1	
FEL205	ProfessionalCommunication andEthics-I	--	2	--	--	1	--	1	
FEL206	BasicWorkshoppractice-II	--	2	--	--	1	--	1	
<b>Total</b>		<b>13</b>	<b>12</b>	<b>01</b>	<b>13</b>	<b>06</b>	<b>01</b>	<b>20</b>	
Course Code	CourseName	<b>ExaminationScheme</b>							
		<b>Theory</b>					Term Work	Pract. /oral	Total
		<b>Internal Assessment</b>			End Sem. Exam.	Exam. Duration (in Hrs)			
		Test1	Test2	Avg.					
FEC201	EngineeringMathematics-II	20	20	20	80	3	25	--	125
FEC202	EngineeringPhysics-II	15	15	15	60	2	--	--	75
FEC203	EngineeringChemistry-II	15	15	15	60	2	--	--	75
FEC204	EngineeringGraphics	15	15	15	60	3	--	--	75
FEC205	Cprogramming	15	15	15	60	2	--	--	75
FEC206	ProfessionalCommunication and Ethics- I	10	10	10	40	2	--	--	50
FEL201	EngineeringPhysics-II	--	--	--	--	--	25	--	25
FEL202	EngineeringChemistry-II	--	--	--	--	--	25	--	25
FEL203	EngineeringGraphics	--	--	--	--	--	25	50	75
FEL204	Cprogramming	--	--	--	--	--	25	25	50
FEL205	ProfessionalCommunication and Ethics- I	--	--	--	--	--	25	--	25
FEL206	BasicWorkshoppractice-II	--	--	--	--	--	50	--	50
<b>Total</b>		--	--	<b>90</b>	<b>360</b>	--	<b>200</b>	<b>75</b>	<b>725</b>

\*Maybeconductedbatch-wise

**Total: 25 Marks**

Course Code	CourseName	TeachingScheme (Contact Hours)			CreditsAssigned				
		Theory	Pract.	Tut.	Theory	Tut.	Pract.	Total	
FEL205	Professional Communication and Ethics- I	--	2	--	--	--	1	1	
Course Code	Course Name	ExaminationScheme							
		Theory					Term Work	Pract. /oral	Total
		Internal Assessment			End Sem. Exam.	Exam. Duration (in Hrs)			
		Test1	Test2	Avg.					
FEL205	Professional Communication and Ethics-I	--	--	--	--	--	25	--	25

### Objectives

To provide practice in ...

1. Active listening with focus on content, purpose, main idea, tone and pronunciation.
2. Fluent speaking and presentation skills in social, academic and professional situations.
3. Faster reading skills for effective comprehension in a variety of texts.
4. Drafting effective written discourse in academics, business and technology.
5. Grooming and projecting impressive person in all interactions.

**Outcomes:** Learner will be able to...

1. Listen and comprehend all types of spoken discourse successfully.
2. Speak fluently and make effective professional presentations.
3. Read large quantities of text in a short time to comprehend, summarise and evaluate content.
4. Draft precise business letters, academic essays and technical guidelines.
5. Dress finely and conduct themselves with panache in social, academic and professional situations.

List of Assignments & Activities	Detail of Assignments	Detail of Activities	Hrs.
1.	Written record of listening activities	Listening practice tasks of 3 types (through audio recordings of (1) Monologues (2) Dialogues (3) Formal/Expert Talk or Lecture)	02
2.	Transcription of the public speech along with a plagiarism report	Practice public speech	02
3.	Transcription of the public speech along with a plagiarism report	Public speech (Internal Assessment- I)	02
4.	Written assignment on barriers and non-verbal communication	Role plays/case studies	02
5.	Summarization through graphic organisers (1. Text to graphic		02

	organizer2.Graphicorganizerto text)	NA	
6.	Writtenrecordofreading activities	Advanced level reading comprehensionwithMCQs(similar in level and format to CAT, GRE and GMAT verbal sections)	02
7.	Aptitudetestonvocabularyand grammar	Aptitude test on vocabulary and grammar(similarinlevelandformat to CAT, GRE and GMAT verbal sections)	02
8.	2typesoflettersincompleteblock format	NA	02
9.	Written assignment on technical writing(Exercisesbasedonframing Definitions, Describing Technical Objects, Framing User Instructions andDescribingTechnical Processes)	NA	02
10.	Documentationoncasestudies/role plays on Module 6	Casestudies /role plays	02

**Assessment:**

The distribution of marks for term work shall be as follows:

- Assignments : **20 marks**
- Attendance (Theory and Practical) : **05 marks**

# UNIVERSITY OF MUMBAI



## Bachelor of Engineering

in

## Computer Engineering

Second Year with Effect from AY 2020-21

Third Year with Effect from AY 2021-22

Final Year with Effect from AY 2022-23

(REV-2019 'C' Scheme) from Academic Year 2019-20

Under

**FACULTY OF SCIENCE & TECHNOLOGY**

(As per AICTE guidelines with effect from the academic year 2019-2020)

**Program Structure for Third Year Computer Engineering**

**UNIVERSITY OF MUMBAI (With Effect from 2021-2022)**

**Semester V**

Course Code	Course Name	Teaching Scheme (Contact Hours)			Credits Assigned				
		Theory	Pract.		Theory	Pract.	Total		
CSC501	Theoretical Computer Science	3	--		3	--	3		
CSC502	Software Engineering	3	--		3		3		
CSC503	Computer Network	3	--		3	--	3		
CSC504	Data Warehousing & Mining	3	--		3	--	3		
CSDL0501x	Department Level Optional Course-1	3	--		3	--	3		
CSL501	Software Engineering Lab	--	2		--	1	1		
CSL502	Computer Network Lab	--	2		--	1	1		
CSL503	Data Warehousing & Mining Lab	--	2		--	1	1		
CSL504	Business Comm. & Ethics II	--	2*+2		--	2	2		
CSM501	Mini Project: 2A	--	4 <sup>s</sup>		--	2	2		
<b>Total</b>		<b>15</b>	<b>14</b>		<b>15</b>	<b>07</b>	<b>22</b>		
Course Code	Course Name	Examination Scheme							
		Theory					Term Work	Pract & Oral	Total
		Internal Assessment			End Sem Exam	Exam. Duration (in Hrs)			
		Test 1	Test 2	Avg					
CSC501	Theoretical Computer Science	20	20	20	80	3	25	--	125
CSC502	Software Engineering	20	20	20	80	3	--	--	100
CSC503	Computer Network	20	20	20	80	3	--	--	100
CSC504	Data Warehousing & Mining	20	20	20	80	3	--	--	100
CSDL0501x	Department Level Optional Course-1	20	20	20	80	3	--	--	100
CSL501	Software Engineering Lab	--	--	--	--	--	25	25	50
CSL502	Computer Network Lab	--	--	--	--	--	25	25	50
CSL503	Data Warehousing & Mining Lab	--	--	--	--	--	25	25	50
CSL504	Business Comm. & Ethics II	--	--	--	--	--	50	--	50
CSM501	Mini Project: 2A	--	--	--	--	--	25	25	50
<b>Total</b>		--	--	<b>100</b>	<b>400</b>	--	<b>175</b>	<b>100</b>	<b>775</b>

\*Theory class to be conducted for full class and \$ indicates workload of Learner (Not Faculty), students can form groups with minimum 2 (Two) and not more than 4 (Four). Faculty Load: 1 hour per week per four groups.



CourseCode	CourseName	Credit
CSL504	BusinessCommunication&EthicsII	02

**Course Rationale:** This curriculum is designed to build up a professional and ethical approach, effective oral and written communication with enhanced soft skills. Through practical sessions, it augments student's interactive competence and confidence to respond appropriately and creatively to the implied challenges of the global Industrial and Corporate requirements. It further inculcates the social responsibility of engineers as technical citizens.

**Course Objectives**

1	To discern and develop an effective style of writing important technical/business documents.
2	To investigate possible resources and plan a successful job campaign.
3	To understand the dynamics of professional communication in the form of group discussions, meetings, etc. required for career enhancement.
4	To develop creative and impactful presentations skills.
5	To analyze personal traits, interests, values, aptitudes and skills.
6	To understand the importance of integrity and develop a personal code of ethics.

**Course Outcomes:** At the end of the course, the student will be able to

1	Plan and prepare effective business/ technical documents which will in turn provide solid foundation for their future managerial roles.
2	Strategize their personal and professional skills to build a professional image and meet the demands of the industry.
3	Emerge successful in group discussions, meetings and result-oriented agreeable solutions in group communications situations.
4	Deliver persuasive and professional presentations.
5	Develop creative thinking and interpersonal skills required for effective professional communication.
6	Apply codes of ethical conduct, personal integrity and norms of organizational behaviour.

Module	Contents	Hours
1	<b>ADVANCED TECHNICAL WRITING: PROJECT/PROBLEM BASED LEARNING (PBL)</b>	06
	<p><b>Purpose and Classification of Reports:</b>  <b>Classification on the basis of:</b> Subject Matter (Technology, Accounting, Finance, Marketing, etc.), Time Interval (Periodic, One-time, Special), Function (Informational, Analytical, etc.), Physical Factors (Memorandum, Letter, Short &amp; Long)</p> <p><b>Parts of a Long Formal Report:</b> Prefatory Parts (Front Matter), Report Proper (Main Body), Appended Parts (Back Matter)</p> <p><b>Language and Style of Reports:</b> Tense, Person &amp; Voice of Reports, Numbering Style of Chapters, Sections, Figures, Tables and Equations, Referencing Styles in APA &amp; MLA Format, Proofreading through Plagiarism Checkers</p> <p><b>Definition, Purpose &amp; Types of Proposals:</b> Solicited (in conformance with RFP) &amp; Unsolicited Proposals, Types (Short and Long proposals)</p> <p><b>Parts of a Proposal:</b> Elements, Scope and Limitations, Conclusion</p> <p><b>Technical Paper Writing:</b> Parts of a Technical Paper (Abstract, Introduction, Research Methods, Findings and Analysis, Discussion, Limitations, Future Scope and References), Language and Formatting, Referencing in IEEE</p>	

	Format	
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<b>2</b>	<b>EMPLOYMENTSKILLS</b>	<b>06</b>
	<p><b>CoverLetter&amp;Resume:</b> Parts and Content of a Cover Letter, Difference between Bio-data, Resume &amp; CV, Essential Parts of a Resume, Types of Resume (Chronological, Functional &amp; Combination)</p> <p><b>StatementofPurpose:</b> Importance of SOP, Tips for Writing an Effective SOP</p> <p><b>VerbalAptitudeTest:</b> Modelled on CAT, GRE, GMAT exams</p> <p><b>Group Discussions:</b> Purpose of a GD, Parameters of Evaluating a GD, Types of GDs (Normal, Case-based &amp; Role Plays), GD Etiquettes</p> <p><b>PersonallInterviews:</b> Planning and Preparation, Types of Questions, Types of Interviews (Structured, Stress, Behavioural, Problem Solving &amp; Case-based), Modes of Interviews: Face-to-face (One-to one and Panel) Telephonic, Virtual</p>	
<b>3</b>	<b>BUSINESS MEETINGS</b>	<b>02</b>
	<p><b>Conducting Business Meetings:</b> Types of Meetings, Roles and Responsibilities of Chairperson, Secretary and Members, Meeting Etiquette</p> <p><b>Documentation:</b> Notice, Agenda, Minutes</p>	
<b>4</b>	<b>TECHNICAL/BUSINESSPRESENTATIONS</b>	<b>02</b>
	<p><b>Effective Presentation Strategies:</b> Defining Purpose, Analyzing Audience, Location and Event, Gathering, Selecting &amp; Arranging Material, structuring a Presentation, Making Effective Slides, Types of Presentations Aids, Closing a Presentation, Platform skills</p> <p><b>GroupPresentations:</b> Sharing Responsibility in a Team, Building the contents and visuals together, Transition Phases</p>	
<b>5</b>	<b>INTERPERSONALSKILLS</b>	<b>08</b>
	<p><b>InterpersonalSkills:</b> Emotional Intelligence, Leadership &amp; Motivation, Conflict Management &amp; Negotiation, Time Management, Assertiveness, Decision Making</p> <p><b>Start-upSkills:</b> Financial Literacy, Risk Assessment, Data Analysis (e.g. Consumer Behaviour, Market Trends, etc.)</p>	
<b>6</b>	<b>CORPORATEETHICS</b>	<b>02</b>
	<p><b>Intellectual Property Rights:</b> Copyrights, Trademarks, Patents, Industrial Designs, Geographical Indications, Integrated Circuits, Trade Secrets (Undisclosed Information)</p> <p><b>CaseStudies:</b> Cases related to Business/Corporate Ethics</p>	

<b>List of assignments: (In the form of Short Notes, Questionnaire/MCQ Test, Role Play, Case Study, Quiz, etc.)</b>	
<b>Sr. No.</b>	<b>Title of Experiment</b>
1	Cover Letter and Resume
2	Short Proposal
3	Meeting Documentation
4	Writing a Technical Paper/Analyzing a Published Technical Paper
5	Writing a SOP
6	IPR
7	Interpersonal Skills
<b>Note:</b>	
1	The Main Body of the project/book report should contain minimum 25 pages (excluding Front and Back matter).

2	The group size for the final report presentations should not be less than 5 students or exceed 7 students.
3	There will be an end-semester presentation based on the book report.
<b>Assessment:</b>	
<b>Term Work:</b>	
1	Term work shall consist of minimum 8 experiments.
2	The distribution of marks for term work shall be as follows: Assignment : 10 Marks Attendance : 5 Marks Presentation slides : 5 Marks Book Report (hard copy) : 5 Marks
3	The final certification and acceptance of term work ensure the satisfactory performance of laboratory work and minimum passing in the term work.
<b>Internaloral: Oral Examination will be based on a GD &amp; the Project/Book Report presentation.</b>	
	Group Discussion: 10 marks Project Presentation: 10 Marks Group Dynamics: 5 Marks
<b>Books Recommended: Textbooks and Reference books</b>	
1	Arms, V. M. (2005). <i>Humanities for the engineering curriculum: With selected chapters from Olsen/Huckin: Technical writing and professional communication, second edition</i> . Boston, MA: McGraw-Hill.
2	Bové, C. L., & Thill, J. V. (2021). <i>Business communication today</i> . Upper Saddle River, NJ: Pearson.
3	Butterfield, J. (2017). <i>Verbal communication: Soft skills for a digital workplace</i> . Boston, MA: Cengage Learning.
4	Masters, L. A., Wallace, H. R., & Harwood, L. (2011). <i>Personal development for life and work</i> . Mason: South-Western Cengage Learning.
5	Robbins, S. P., Judge, T. A., & Campbell, T. T. (2017). <i>Organizational behaviour</i> . Harlow, England: Pearson.
6	Meenakshi Raman, Sangeeta Sharma (2004) <i>Technical Communication, Principles and Practice</i> . Oxford University Press
7	Archana Ram (2018) <i>Place Mentor, Tests of Aptitude for Placement Readiness</i> . Oxford University Press
8	Sanjay Kumar & Pushp Lata (2018). <i>Communication Skills a workbook</i> , New Delhi: Oxford University Press.

AC –  
ItemNo.

# UNIVERSITY OF MUMBAI



Revised syllabus (Rev- 2016) from Academic Year 2016-17

Under

## FACULTY OF TECHNOLOGY

### **Computer Engineering**

**Second Year** with Effect from AY 2017-18

**Third Year** with Effect from AY 2018-19

**Final Year** with Effect from AY 2019-20

As per **Choice Based Credit and Grading System**

with effect from the AY 2016-17

Sem.	DepartmentLevelOptionalCourse (DLOC)	Institute Level Optional Course (ILOC)
V	CSDLO5011: Multimedia System CSDLO5012: Advance Operating System CSDLO5013: Advance Algorithm	-----
VI	CSDLO6021: Machine Learning CSDLO6022: Advance Database System CSDLO6023:EnterpriseResourcePlanning CSDLO6024:AdvanceComputerNetwork	-----
VII	CSDLO7031:AdvanceSystemSecurity& Digital Forensics CSDLO7032: Big Data & Analytics CSDLO7033: Robotics	ILO7011. Product Lifecycle Management ILO7012. Reliability Engineering ILO7013.Management Information System ILO7014. Design of Experiments ILO7015. Operation Research ILO7016. Cyber Security and Laws ILO7017. Disaster Management & Mitigation Measures ILO7018.Energy AuditandManagement ILO7019.DevelopmentEngineering
VIII	DLO8011: High Performance Computing DLO8012: Natural Language Processing DLO8013: Adhoc Wireless Network	ILO8021. Project Management ILO8022. Finance Management ILO8023. Entrepreneurship Development and Management ILO8024. Human Resource Management ILO8025. Professional Ethics and CSR ILO8026. Research Methodology ILO8027. IPR and Patenting ILO8028.DigitalBusinessManagement ILO8029.EnvironmentalManagement

CourseCode	CourseName	Credits
ILO7013	ManagementInformationSystem	03

**Objectives:**

1. The course is blend of Management and Technical field.
2. Discuss the roles played by information technology in today's business and define various technology architectures on which information systems are built
3. Define and analyze typical functional information systems and identify how they meet the needs of the firm to deliver efficiency and competitive advantage
4. Identify the basic steps in systems development

**Outcomes:** Learner will be able to...

1. Explain how information systems Transform Business
2. Identify the impact information systems have on an organization
3. Describe IT infrastructure and its components and its current trends
4. Understand the principal tools and technologies for accessing information from databases to improve business performance and decision making
5. Identify the types of systems used for enterprise-wide knowledge management and how they provide value for businesses

Sr.No.	DetailedContents	Hrs
01	Introduction To Information Systems (IS): Computer Based Information Systems, Impact of IT on organizations, Importance of IS to Society. Organizational Strategy, Competitive Advantages and IS	4
02	Data and Knowledge Management: Database Approach, Big Data, Data warehouse and Data Marts, Knowledge Management Business intelligence (BI): Managers and Decision Making, BI for Data analysis and Presenting Results	7
03	Ethical issues and Privacy: Information Security. Threat to IS, and Security Controls	7
04	Social Computing (SC): Web 2.0 and 3.0, SC in business-shopping, Marketing, Operational and Analytic CRM, E-business and E-commerce – B2B B2C. Mobile commerce.	7
05	Computer Networks Wired and Wireless technology, Pervasive computing, Cloud computing model.	6
06	Information System within Organization: Transaction Processing Systems, Functional Area Information System, ERP and ERP support of Business Process. Acquiring Information Systems and Applications: Various System development life cycle models.	8

### **Assessment:**

#### **Internal Assessment for 20 marks:**

Consisting **Two Compulsory Class Tests**

First test based on approximately 40% of contents and second test based on remaining contents (approximately 40% but excluding contents covered in Test I)

#### **End Semester Examination:**

Weightage of each module in end semester examination will be proportional to number of respective lecture hours mentioned in the curriculum.

1. Question paper will comprise of total **six questions, each carrying 20 marks**
2. **Question 1 will be compulsory and should cover maximum content of the curriculum**
3. **Remaining questions will be mixed in nature** (for example if Q.2 has part (a) from module 3 then part (b) will be from any module other than module 3)
4. Only **Four questions need to be solved.**

### **REFERENCES:**

1. Kelly Rainer, Brad Prince, Management Information Systems, Wiley
2. K.C. Laudon and J.P. Laudon, Management Information Systems: Managing the Digital Firm, 10<sup>th</sup> Ed., Prentice Hall, 2007.
3. D. Boddy, A. Boonstra, Managing Information Systems: Strategy and Organization, Prentice Hall, 2008



<b>CourseCode</b>	<b>CourseName</b>	<b>Credits</b>
<b>ILO8021</b>	<b>ProjectManagement</b>	<b>03</b>

**Objectives:**

1. To familiarize the students with the use of a structured methodology/approach for each and every unique project undertaken, including utilizing project management concepts, tools and techniques.
2. To appraise the students with the project management lifecycle and make them knowledgeable about the various phases from project initiation through closure.

**Outcomes:** Learner will be able to...

1. Apply selection criteria and select an appropriate project from different options.
2. Write work breakdown structure for a project and develop a schedule based on it.
3. Identify opportunities and threats to the project and decide an approach to deal with them strategically.
4. Use Earned value technique and determine & predict status of the project.
5. Capture lessons learned during project phases and document them for future reference

<b>Module</b>	<b>DetailedContents</b>	<b>Hrs</b>
<b>01</b>	<b>ProjectManagementFoundation:</b> Definition of a project, Project Vs Operations, Necessity of project management, Triple constraints, Project lifecycles (typical & atypical) Project phases and stage gate process. Role of project manager, Negotiations and resolving conflicts, Project management in various organization structures, PM knowledge areas as per Project Management Institute (PMI)	5
<b>02</b>	<b>InitiatingProjects:</b> How to get a project started, Selecting project strategically, Project selection models (Numeric /Scoring Models and Non-numeric models), Project portfolio process, Project sponsor and creating charter; Project proposal. Effective project team, Stages of team development & growth (forming, storming, norming & performing), team dynamics.	6
<b>03</b>	<b>ProjectPlanningandScheduling:</b> Work Breakdown structure (WBS) and linear responsibility chart, Interface Co-ordination and concurrent engineering, Project cost estimation and budgeting, Top down and bottom up budgeting, Networking and Scheduling techniques. PERT, CPM, GANTT chart, Introduction to Project Management Information System (PMIS).	8
<b>04</b>	<b>PlanningProjects:</b> Crashing project time, Resource loading and levelling, Goldratt's critical chain, Project Stakeholders and Communication plan Risk Management in projects: Risk management planning, Risk identification and risk register, Qualitative and quantitative risk assessment, Probability and impact matrix. Risk response strategies for positive and negative risks	6
<b>05</b>	<b>5.1 ExecutingProjects:</b> Planning monitoring and controlling cycle, Information needs and reporting, engaging with all stakeholders of the projects, Team management, communication and project meetings <b>5.2 MonitoringandControllingProjects:</b> Earned Value Management techniques for measuring value of work completed; Using milestones for measurement; change requests and scope creep, Project audit	8



	<b>5.3 Project Contracting</b> Project procurement management, contracting and outsourcing.	
06	<b>6.1 Project Leadership and Ethics:</b> Introduction to project leadership, ethics in projects, Multicultural and virtual projects <b>6.2 Closing the Project:</b> Customer acceptance; Reasons of project termination, Various types of project terminations (Extinction, Addition, Integration, Starvation), Process of project termination, completing a final report; doing a lessons learned analysis; acknowledging successes and failures; Project management templates and other resources; Managing without authority; Areas of further study.	6

**Assessment:**

**Internal Assessment for 20 marks:**

Consisting **Two Compulsory Class Tests**

First test based on approximately 40% of contents and second test based on remaining contents (approximately 40% but excluding contents covered in Test I)

**End Semester Examination:**

Weightage of each module in end semester examination will be proportional to number of respective lecture hours mentioned in the curriculum.

1. Question paper will comprise of total **six questions, each carrying 20 marks**
2. **Question 1 will be compulsory and should cover maximum contents of the curriculum**
3. **Remaining questions will be mixed in nature** (for example if Q.2 has part (a) from module 3 then part (b) will be from any module other than module 3)
4. **Only Four questions need to be solved**

**REFERENCES:**

1. Project Management: A managerial approach, Jack Meredith & Samuel Mantel, 7<sup>th</sup> Edition, Wiley India
2. A Guide to the Project Management Body of Knowledge (PMBOK<sup>®</sup> Guide), 5<sup>th</sup> Ed, Project Management Institute PA, USA
3. Project Management, Gido Clements, Cengage Learning
4. Project Management, Gopalan, Wiley India
5. Project Management, Dennis Lock, 9<sup>th</sup> Edition, Gower Publishing England

## **IEEE & WIECRCE organized a Project Competition** **“PRAKALP”on Crescendo**

**Event Name :**PRAKALP

**Date:**10<sup>th</sup>March2023

**Venue:**Fr.ConceicaoRodriguesCollegeofEngineering,Bandra

IEEE&WomeninEngineering(WIE)ofFR.C.R.C.Eorganized“PRAKALP”aprojectcompetitionon 10<sup>th</sup> March 2023 from 9:00 am to 04:30 pm. The major focus of this event was to provide thestudents with a platform to showcase their engineering projects in Hardware and Software Category.Prakalp was conducted in two rounds.

Round 1 washeldonlinewhereinteams submittedtheirprojectsabstractsandteams wereshortlistedfor round 2. It was a team event and around 60 teams were shortlisted in this event.

Team registration started from 24<sup>th</sup> Feb to 1<sup>st</sup> march 2023. Round 1 & Abstract submission started from28<sup>th</sup>February to 5<sup>th</sup> march 2023. All teams submitted their abstract on the google form. The teams were selected for round 2 based on their project completion and thorough research of their topic. 60teams were selected for round 2.

Round2startedon10<sup>th</sup>March2023from9:30amto4:30pm.Teamregistrationstartedfrom9:00 amto 10:15 am. The Prakalp inauguration started at 10 am near euphoria stairs. Principal sir inauguratedthe event by cutting the ribbon.



Prakalp project competition was divided into two categories Hardware and Software. The teams that participated in the Hardware category were allotted labs on the 3rd floor and the Teams which participated in the Software category were allotted labson

the 7 & 8th floor. The judges for the Hardware category were Prof Vivek Nar, Dr Prashant Kasambe and Dr Deepak Bhoir. The judges for the Software category were Dr Prasenjit Bhavathankar, Dr Rahul Khokale and Prof Merly Thomas.

The judging round started at 11:00 am for both categories. Judges asked questions to the teams about their project, future scope, business aspects, etc. Judges entered the points of the teams in the grading sheet which was provided to them. Principal sir also participated in the judging round and he also interacted with various teams.



Refreshments were given to the teams from 11:30 pm to 12 pm. Lunch was also given to the participants from 1:30 pm to 2:30 pm. After the lunch break, the Judging round continued till 4:00 pm. All the teams were invited to the seminar hall. Principal sir and Judges thanked all the teams for showcasing their new innovative solutions. Judges declared the winners for both categories:

The winners for the Hardware categories were:

1. Powerhouse: Shalom Pakhare, Abhishek Athani, Rizwan Baig, Siddharth Mhade
2. MindBenders: Sanskruti Agrawal, Yukta Jain, Yash Khanolkar
3. TechClan: Farheen Khan, Heeral Chumber, Riddhi Joshi      Arunkumar Mariappan
4. AIrobo: Ajay Maurya, Sudiksha Ramdas Waghmare

The winners for Software categories were:

1. 403\_Forbidden: ChiraayuMeghnani, ShyrenMore, ParthCheulkar, VarunMamtor
2. TeamVAT: TusharNankani, VivekNamaye
3. Humanoids:  
GaneshJayvantPadval, HrushabhNandkishorePatade, MohammadUsamaEhsanullah Ansari,  
Mujahid Mohammad Mustafa Sadique
4. Sotheby: SakshiShetty, SaniaTuscano



Feedback from participants:

1. First of all, you guys have an amazing view near college. It was a pleasure to meet the principal. He is cool and funky. I had fun interacting with the committee members and they were answering all the queries. GG guys. Overall happy experience 😊
2. Time management could've been better, had to wait more than 7 hours just to present our project. Apart from that wonderful experience the judges gave us very descriptive inputs that we surely are going to think about, the committee members were very helpful with everything and were easy to communicate to.
3. I would've been happier if the judges would've considered Research based projects as well.



Prof. Swapnali Makdey  
Nagdeote (Council Incharge, IEEE-CRCE)



Prof. Sushma  
(Council Incharge, WIE-CRCE)

**IEEE-WIE CRCEorganizedaMental Health Awareness  
SessionforTeachers andStudents**

**SeminarName:MentalHealthAwarenessSessionD**

**ate :8<sup>th</sup>March2023**

**Platform :Samvaad Hall**

Institute IEEE - WIE FR.C.R.C.E organized a Mental Health Awareness Session for teachers and students on 8th March 2023. The session for teachers started at 10:30 am and for students 12:00 pm at Samvaad hall. The theme of this was to end the stigmas surrounding mental health and coping mechanisms for the same. A total of 45 teachers and 180 students attended this seminar.



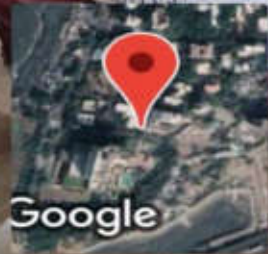
The speaker for students was Ms. Mallika who is a senior consultant psychologist at Amaha. The session contained information on how to cope with stress and maintain one's mental health. The event was in offline mode at the college. The response from the students and teachers was appreciated.

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GPS Map Camera



Google

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Mary, Bandra West, Mumbai, Maharashtra 400050, India

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The speaker for teachers was Ms. Falak who a Senior Consultant Psychologist and has earned her MPhil in Clinical Psychology. During the session important topics such as thought replacement was discussed along with how to manage stress.





Post both sessions on the occasion of Women's day sanitary napkins sponsored by Niine Foundation were distributed to all students and teachers, along with a white rose for female teachers and students and a symbol of respect.





Prof.SwapnaliMakdey  
BranchCounsellor IEEE CRCE

Prof.SushmaNagdeote  
BranchCounsellorIEEEWIECRCE

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REPORT: SYNERGY

DATED : 21/10/2022

Name of the event: “CRCE

RANSLYVANIA”

Date of the event: 21 October

2022Platform of the event: Room

306Sponsoringorganization: WIEC

RCE

No. teams of participated: 24

TeamsNo.ofparticipants:96

WIE-CRCE conducted the Synergy which was a fund-raising event. The game that we chose was CRCE Transylvania wherein a team of 3 members were allowed and each team got a chance to play.





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The game was as follows:

Every team was taken into the room blindfolded, the room was locked on the inside and players had to escape the room within 12 minutes.

The teams which succeeded on doing so were qualified and the teams that failed to do so were let out after the time ran out. The team that managed to escape the room in the shortest amount of time would be declared the winner.

The prize money for the 1<sup>st</sup> team was 1000/- and for the runner ups 600/-

The first prize winners were BE Comps A and the runner ups were TMECH. Overall, the event was a great success and we achieved 100% participation.

**IEEE & WIE CRCE organized a Technical event**  
**“INGENIUM” on Engineers Day**

**Seminar Name:** “INGENIUM” Innovative solutions for  
everyday life

**Date** : 15<sup>th</sup> September 2022

**Platform** : Samvaad Hall

Institute of Electrical and Electronic Engineers (IEEE), Women in Engineering (WIE) FR. C.R.C.E. organized a Technical Event on 15<sup>th</sup> September 2022 from 01:30 pm to 05:00 pm at Samvaad hall. The theme of this event was "INGENIUM" - Innovative solutions for everyday life. The objective of this event was to enable students to come up with innovative solutions to a specific problem statement. Professors were invited to judge their approach & Solution towards the problem statement.





Around 13 teams participated in this event. Each team consisted of 4 students per team across every branches. The event was in offline mode at the college the response from the students was appreciable.



The Ingenium event started at 1:30 pm. Our SER Representative Shivprasad Chavaratti gave the introduction. He spoke about the history of Engineers Day and the contributions of Shri M V Visvesvaraya, he was conferred the 'Bharat Ratna' by the President of India for his exceptional contribution to the development of India. Then he explained the importance of engineers and how engineers are improving the lives of the common man. Santo Sunny welcomed the participating teams & Teachers. He gave the introduction of the competition. He then explained the rules of the competition and clarified the doubts of the teams.

Problem statement given to the teams was "Design/Make an Assistive Technology To Help Individual With Different Types Of Disabilities-From Cognitive Problems To Physical Impairment"

The event started at 2:00 pm all participants were given 90 minutes to solve the problem statement. They were given internet access and charging-related hardware to enhance their research.

At 3:30 Judging ground started. Judges invited for this competition were

1. MR. SAURABH KORGONKAR (Assistant Professor in dept of Mechanics)
2. MR. VAIBHAV GODBOLE (Assistant Professor in dept of ECS)
3. MS. KALPANA DEORUKHKAR (Assistant Professor in dept of computers Ph.D. Com)



puter(Pursuing))



The Judging criteria were categorized as innovativeness, originality, usefulness, technical compatibility, and at the end, the total marks were given by the judges by seeing their performance.

The judging round lasted for 90 minutes. Judges were checking the project approaches thoroughly and were trying to help students to perform better next time. This round ended at 5:00pm



The winner of this competition is Team 13. The team leader of this team was Deon Gracias and the team members are Atharva Pawar, Aditya Vyas and Shaun Pimenta. This team solved the problem statement by creating a gesture control navigation with an auto-drive feature and SOS button and distance sensor to avoid a collision. They made a prototype of a

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four-wheel car with a circuit diagram. The Judges asked about the application and the reliability of the model in certain cities, and they answer by saying that they can use redundant sensors so as to help us in case of adversity. They were given Rs 2000 as a cash prize with a Hardcopy of the Certificates





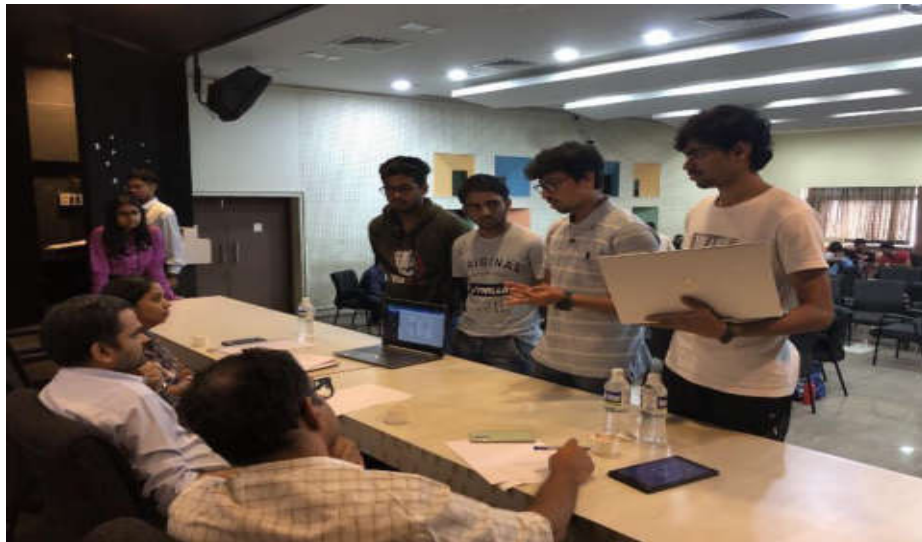
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The runner of this competition is team 1. The team leader of this team was Andre Nazareth and the team members are Nathan Lopes, Omkar Anabathula, Mathew Payapiuy



After this Swapnali and Sushma maam gave certificates to the Judges.  
Santo Sunny ended this event by thanking all the students & teachers participating in the event and for making it successful.



Prof. Swapnali Makdey  
Branch Counsellor IEEE CRCE

Prof. Sushma Nagdeote  
Branch Counsellor IEEE WIE CRCE



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SEMINARREPORTSessionon  
–WomenLeaders  
InStartupDATE: 22/09/2022

WIE -CRCE at Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai,organisedone Seminar on WomenLeadersIn Startup.

Name of the event:Women

LeadersStartUp.GuestSpeaker: Mrs.

JyotiBharadwaj

Dateofevent: September22<sup>nd</sup>2022,2.30-

3.30PMLocationoftheevent:Samwaad,FRCCR

CE

Number ofFacultymembersattended: 02

FacultyPresent:

1. SushmaNagdeote
2. Dr.SapnaPrabhu

NumberofStudentsattended: 130

TheeventwasorganisedforSEandTEstudents.

The objective of this seminar was to educate students about the process of building a StartUpfrom scratch and to motivate them to believe in their ideas and works towards them to build acompany theybelievein.

Theflowoftheevent:

1. SignOffforthe WIECouncil of2021-22.
2. InstallationCeremonyoftheWIECouncilof2022-23.
3. SpeakerstartedthespeechwithafewinsightsonstartingaStartUp.
4. QuestionAnswerRound.



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The speaker started the session by giving a few insights from her personal experience throughout the process of starting and accelerating her business.

Then the speaker talked about the process, funding, and how being a Women had an effect on the process of being a founder.

Following were the topics of session. Why she started her Company, TeaFit.

Being a diabetic, inaccessibility of Sugar Free beverages was a problem the speaker always wanted to solve. TeaFit was a company started to make Sugar free drinks easily available for the people in need.

Participants interacted with speaker after the session. They asked questions related to start-up and also about the speaker's experience in specific domains.





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## **Women In Engineering**

### **Academic year 2022-23**

#### **Industrial Visit to Sify Technologies**

An industrial visit to Sify Technologies, was organized by Council of IEEE - Women

in Engineering, on 17th February 2023, total 44 students from Third year, and four faculty Prof. Unik Lokhande, Prof. Sushma Nagdeote, Prof. Roshini Paghte and Prof. Supriya Kamojiparticipated in the visit.

The objective and goal of the industrial visit was to give industry exposure to students where they can get first-hand experience, and an insight into the real working environment of the industry.

Sify Technologies Limited is an Indian information and communication technology company providing end-to-end ICT solutions including telecom services, data center services, cloud & managed services, transformation integration services and application integration services. During the visit, students were divided into two groups.

#### **Activities carried out during the visit**

1. Participants were briefed on security and safety measures. (dos and donts)
2. Security measures were carried out with visitor ID card for each participant.
3. Presentation by Mr. Dheeraj of Sify Technologies.. He briefed about the company profile, projects undertaken by them, cloud computing and the job opportunities in cloud computing.
4. Data Centre Visit where students were shown how data centre works, controls and monitors all activities in real time.
5. The power generation plants and generator set storage was shown.
6. Safety protocols in case of a fire emergency were clearly explained to the participants.
7. Server room and power source to run the servers was explained.
8. Participants were shown the control room with multiple screens and security systems.

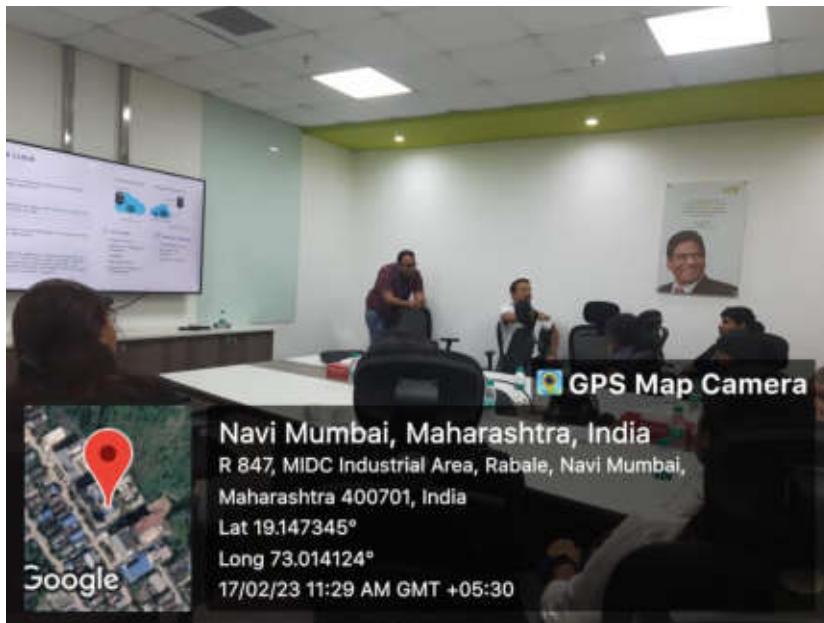


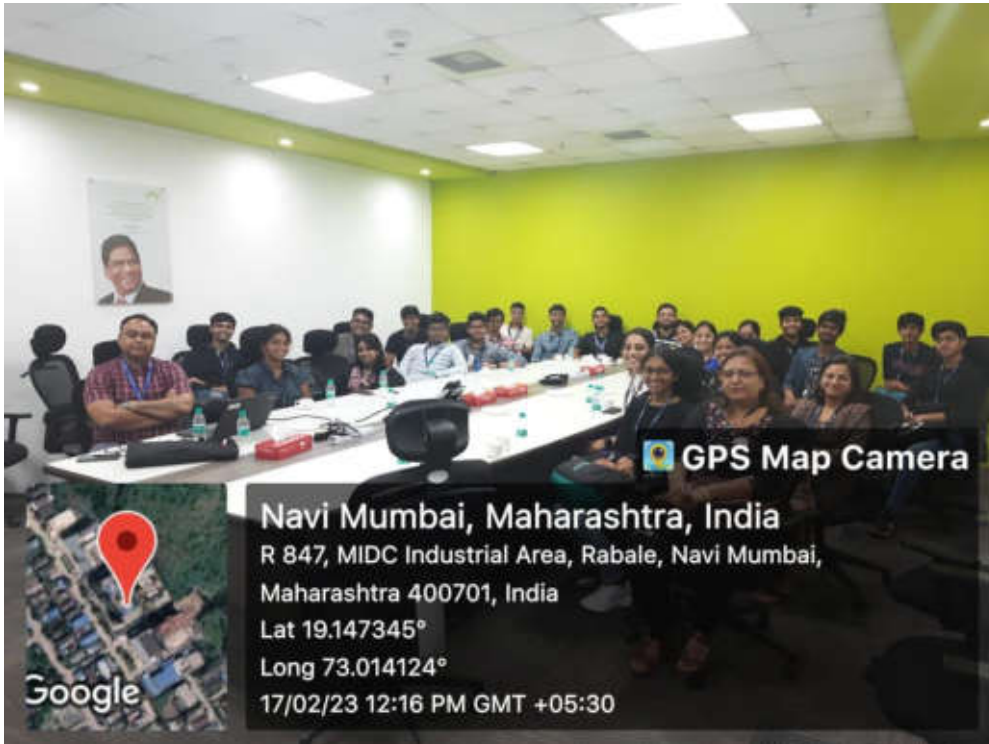
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**Benefitstostudents:**

Positivefeedbackwascollectedfromstudents.

FeedbackFromCS:

Heyteamthanksforsuchawonderfulindustrialvisit.ItwasawesomeandInformativeforus;I learnt so many new things specially related to cloud computing it help us to grabbingindustrialknowledge.OnceagainThankstoyourCouncilmembers.

It was a very nice experience to visit cloud in true sense. Getting an opportunity toexperience how data centers actually look like what are the things that go behind it.

Whatarethesesecuritymeasures.Eachandeveryaspectthatgoesbehindmaintainingeverythingwasalsoe xplainedverywell

FeedbackfromECS:

Verygreatexperience,gottoknowaboutthewholeprocess,gettingtoseethecoredatacenter and the way all that is monitored was the best part. Thanks a lot for making thispossible

FeedbackfromMech:

Greatexperienceandwegottheopportunitytointeractwithindustryexperts.FeedbackfromAIDS:



The takeaways from the visit were, Students can observe and learn as to how theoretical concepts are put into action, thereby aiding their practical learning. Students are exposed to real working environment and shown how things are done in an organization. The visit was appreciated by all the students as it was an enriching & learning experience for all of them.





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**SeminarName: Understanding the Phases of Startup**

**Date** :27<sup>th</sup>January2023

**Platform** :Room306

**Noofparticipants:30**

Institute IEEE - WIE FR.C.R.C.E organized a Technical Event on 27th January 2023 from 10:00am to 11:00am at Samvaadhall. The theme of this event was understanding the phases of startup. The speaker was our very own Prof. Prajakta Bhangale. A total of 30 students attended this seminar.



The speaker spoke about how a typical startup journey has three stages-ideation, growth and expansion. The event was in offline mode at the college and the response from the students was appreciable.



Prof. Prajakta Bhangale also spoke about how at each stage, startups tend to perform a wider range of activities that help them grow. Every successful startup aims to minimise the time taken to advance from one stage to the other. Prof. Prajakta also explained how to nurture an idea and make it into a successful startup.



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Prof. Sushma Nagdeote  
Branch Counsellor IEEE WIE CRCE

*S. Nagdeote*



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## WEBINAR REPORT

### My Story – Motivational Session By Successful Innovators

DATE: 16/09/2022

CSI-FrCRCE at Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai, organised webinar on Motivational Story Session By Successful Innovators.

Name of the event: My Story – Motivational Session By Successful

Innovators Guest Speaker: Mr. Mohit Maheshwari, Director, Ingenius Technologies & Cons

ulting Date of event: *September 16<sup>th</sup> 2022, 6:30-7:30 PM*

Location of the event:

Online event via Google Meet

Number of Faculty members attended: 01

Number of Students attended: 90

The event was organised for all the students.

The objective of the event was to enlighten young minds about entrepreneurship and startups.

The objectives of the session was to bring together the young minds to converse about the domain of innovation and startups and the interesting research questions of the audience within this domain.

The Speaker of the session was Mr. Mohit Maheshwari. He is the Director of Ingenius Technologies & Consulting. He completed his electrical engineering in 2005, from Sardar Patel Engineering College. He did his masters from IIT in 2007 and Executive Education from MIT, USA in 2018. He is passionate for Innovation, AI & Technology and Art and has travelled around 16 countries and 5 continents. His Contribution to Zugs supporting MNCs in AI, digital field has successfully headed the company.



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The session began with Mr. Mohit Maheshwari narrating his story of being a successful innovator. He shared his past memories of Mumbai during his college days and with an NGO AKANSHA from Bandra. The first half of the session included a detailed explanation about

1. The innovation ideas and motivational keys behind Mr. Mohit Maheshwari
2. The necessary points that one needs to take into consideration while starting out their startups.
3. Brief explanation about different kinds of projects.
4. Importance of Teams and how to lead a Team where every Teammate is different from each other.
5. Entrepreneurship skills in every student

Later he spoke about his journey in IBM where he did various projects and shared his experience and learnings he gained from the company. He also advised the audience to keep learning new skills and try to find an opportunity even in adverse situations of life.

In the second half of the session, the speaker spoke about his entrepreneurial journey where he quit IBM and started his own startup and faced a big failure in his first 2 years and gave a lesson to the audience to be prepared for failure and how to overcome it as 99% of startups fail. He shared how his team grasped every opportunity given to them and turned them into successful outcomes. The Speaker encouraged the audience to take the risk at a very early age as that is the right time when you can't lose anything and has many opportunities to grasp. He spoke about his projects created by him in the past 15 years and next he explained how to know which idea can be considered innovative and thus, given the first priority for any startup or project. The team made a major project on Android and App Development in 2013-2014.



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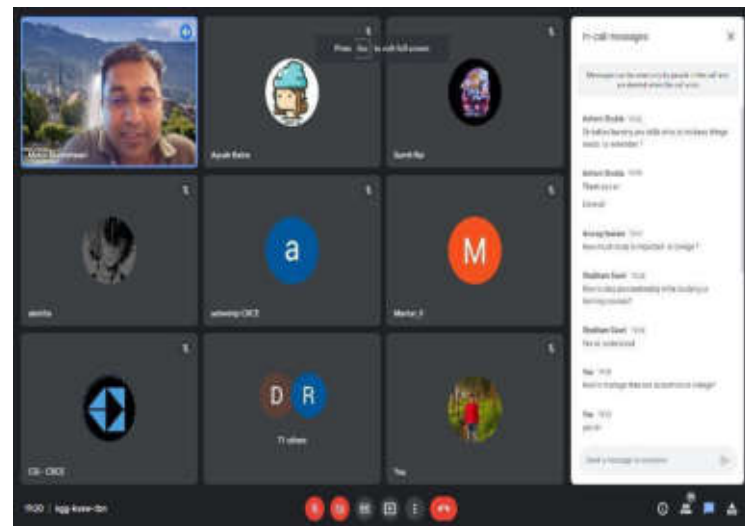
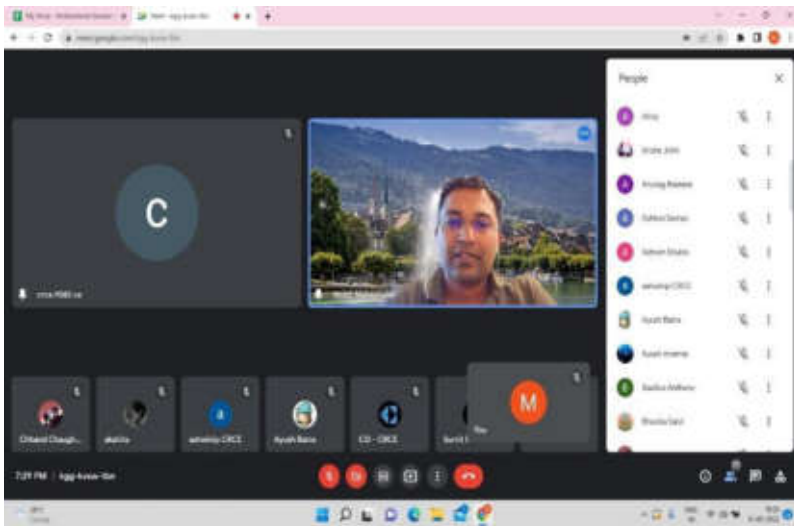
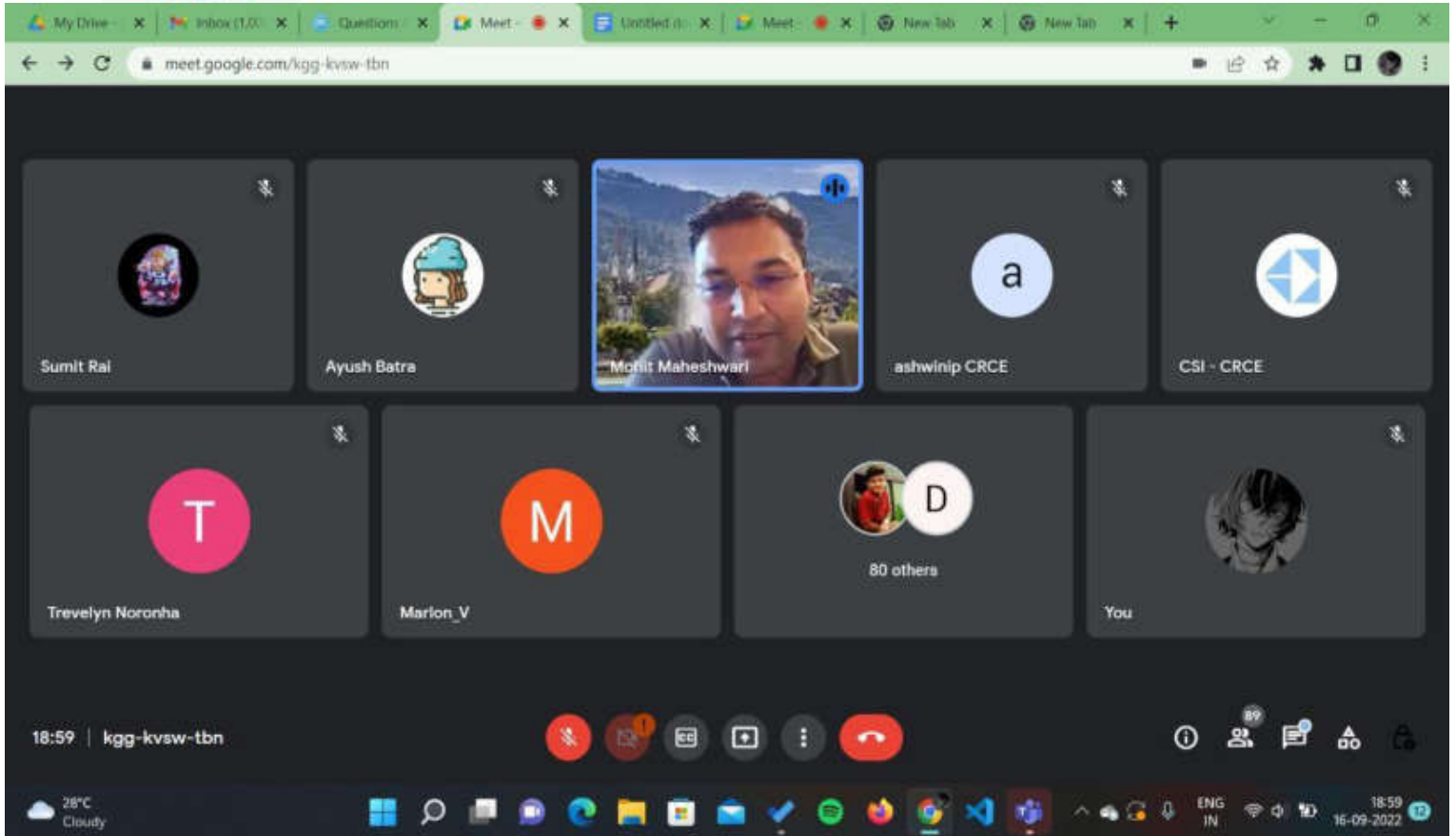
The speaker also answered all Questions of audience which made this session very interactive

1. How to manage fundings for startups?
2. Should students focus more on studies or on extra and co curriculars in second year of college if we want to secure a good college in USA for masters?
3. Is it wise decision to take risk and work on startup idea while in college or we have to just focus on study and developing skills?
4. Before learning any skills what is the basic thing to remember?
5. How to stop procrastinating while studying or learning any course?
6. Migrating vs staying back in India what would be a better option?
7. How to manage time and balance between academics and developing skills in college life?

Toward the end of the session, Mr. Mohit Maheshwari explained to the audience in detail the skills that are essential for anyone who aspires to be an entrepreneur such as maintaining good network connections, discussing innovative ideas with everyone around and being open-minded, and having confidence in their innovation idea, to network with unique minds in college and have the habit of learning new technologies at every stage of life. He also spoke about soft skills which are necessary in the corporate world and how to improve communication skills along with leadership quality and take wise decisions which can always benefit the company.



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## **CSI-CRCE organized 'FEAR FAIR' event in Synergy 2k22**

**Event Name: CSI-FEAR**

**FAIR Date**

**: 21<sup>st</sup> October 2022**

**Platform : Offline Mode - Class 406 and 407**

The Computer Society of India (C.S.I.), FR. C.R.C.E. organized an event 'CSI-FEAR FAIR' for the Synergy 2k22. The preparations for the event started in the month of September. The Student's Council had given a choice of games from which the council as per the votes collected from all members selected the top 3 games which got maximum votes. The fair was divided into 3 rounds and every level had 1 game. The games were Whisper Challenge, Sling-Shout-out and Sequence Cup. The 1<sup>st</sup> game was Whisper Challenge in which from each team one participant has to be selected who will be guessing the word while wearing the headphones where the other team members will be trying to make the person guess words by doing actions or speaking it in low voice. The 2<sup>nd</sup> game was Sling-Shoot-out where each member has to try to hit the cups in 5 chances with a piece of small paper of specific dimensions and rubber band. The 3<sup>rd</sup> game was Sequence Cup where each cup will be labelled with 8 character 'C' 'S' 'I' '-' 'C' 'R' 'C' 'E' and 2 participants have to memorize the sequence and after shuffling them they have to set the cups in correct order and each cup kept in the correct order will be given six points. During the dry run Student Council gave suggestions regarding the number of participants. Mr. Chris Garis was the student council member assigned to the CSI Council. After the approval of event from STUCO, Council started working on the exact flow of events, Rules and regulations of the event. The rules were finalized in one meeting and the council members were divided in the group of 3 where all 3 groups were allocated each game and first task of each group was

to prepare the flow of event later each group member

prepared the rules for their respective games which were sent to STUCO by Ayush Batra.

Group 1- Akshita Sharma, Valintan Fernandes, Sumit

Rai Group 2- Shubham Sonar, Shubham Gawri, Jonathan Dabre

Group 3-

Trevelyn Noronha, Yashika Haritwal, Vansh Thakkar, Marlon Valladares Registrations and Entries were looked at by Soham Mane.

After the preparation of the Rules and flow of event, the council started the work related to each game where all members prepared the list of at least 10 words for the 1<sup>st</sup> game and updated it in a google spreadsheet then the words were further divided into 3 parts i.e Easy, Medium and Hard by Akshita Sharma.

for Sling Shoot-out Ayush Batra assigned task to bring rubber bands and cups and for game 3 also task was assigned to bring post-it notes. Also one council member from each team was assigned to carry the laptop for updating the scores after every round. A day before final event dry run was conducted for all games. On the day of event the team and council members were divided in 2 classes where registration and 'Whisper Challenge' was conducted in class room 407 and other 2 games i.e 'Sling Shoot-out' and 'Sequence Cup' was conducted in class room 406





One person from each group was assigned the task of maintaining the records i.e. time taken by each participant to complete the task and the points scored. The event started at 11.00 am. The council in total received 17 teams and whatsapp group was created for better communication and declaring results.







From Class 407 3 teams got maximum points in the 'Whisper Challenge'.

- BEMECH-Brendan Fernandes, Clavie Dabre, Harsh Remje
- BECOMPSA-Nicole Dias, Yashaswini Chaudhary, Lidya Simon
- BECOMPSA-Prachi Mohare, Shaun Lopez, Sifra Biju

2 teams got maximum points in 'Sling Shoot-Out'

- BEMECH-Brendan Fernandes, Clavie Dabre, Harsh Remje
- BECOMPSB-Candida Noronha, Brendan Lucas, Vinyas Kulal

1 team got maximum points in 'Sequence Cup'

- SECOMPSA-Seema Yadav, Becky, Brita

**Winners:** BEMECH-Brendan Fernandes, Clavie Dabre, Harsh Remje

**Runnerup:** BE COMPSA-Prachi Mohare, Shaun Lopez, Sifra Biju





winning the first prize received a total prize money of Rs.1300/-  
second prize received a total prize money of Rs.700/-. After  
the completion of the event, the council received great feedback from all the participants regarding the  
event.







**Fr. Conceicao Rodrigues College of Engineering**  
(Affiliated to University of Mumbai, Approved by AICTE, New Delhi)

Fr. Agnel Ashram, Bandstand, Bandra (West), Mumbai – 400050,  
Phone: 022-26423841/42, Fax: 022-26516831

Website: [ieee-wie-crce.github.io/ieee-crce/](http://ieee-wie-crce.github.io/ieee-crce/), Email: [ieeecrce.24@gmail.com](mailto:ieeecrce.24@gmail.com)



## **EVENTREPORT Software Freedom Day(An Event About Open Source Contribution)**

**DATE:11/10/2022**

CSI-FrCRCE at Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai, organised an event about Open-Source Contribution on occasion of Software Freedom Day.

Name of the event: **Software Freedom Day(An Event About Open-Source Contribution)**

Guest Speaker: Mr Warren Fernandes

Date of event: *October 11<sup>th</sup> 2022, 3:30-4:30 PM*

Location of the event:

Samvaad

Number of Faculty members

Attended:

01 Number

Number of Students attended:

45

The event was organised for all the students.

The objective of the event was to create awareness about open source and free softwares along with its virtues and encouraging its use.

The objectives of the session was to bring together the young talented minds to converse about the domain of open source softwares and solve the interesting questions of the audience within this domain.

The Speaker of the event was Mr Warren Fernandes who is a final year student at



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Fr. CRCE pursuing his bachelors of Engineering in Computer Science. He has also won

MARTINDIA HACKATHON which is one of the prestigious hackathon of foundation in 2022 and he is also the winner of Hackover 3.0 and many more. Warren has worked as an intern at Barclays, Linedata and Svirtz where he created technological solutions and developed software components and ancillary systems.

The session began with Mr. Warren Fernandes explaining the importance of Software Freedom Day to the audience where he also spoke about how the history regarding how this day was established in 2004 and gave brief overview about the events

which are conducted all across the globe. The first half of the session included a detailed information regarding the topic Free Software which was then further classified as

1. Free to

Use 2. Free to Dist

ribute 3. Free to

Study 4. Free to

Modify 5. Free to

Share

Later he spoke about why the future generation should start using Free Softwares and briefed the audience about Free and open source software (FOSS) that respects the freedoms and makes the source code available for the user. He later convinced that why actually everyone should start using FOSS by keeping his viewpoint in front of audience along with valid explanation.

1. Fewer Virus

2. Promote transparency and accountability 3.

Cross-platform



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#### 4. Weave your own code

The speaker covered each and every corner of this domain and shared the benefits of contributing to Open Source as it gives liberty to analyze the code and make changes to it by adding security to the software and also utilize the accessible software as a learning medium to improve coding skills then adding to it he shared his coding journey from beginner to cracking an internship in Barclays and what all difficulties he faced in this journey and how he managed to overcome them.

In the second half of the session the speaker spoke about “Why do people prefer using open source software” where he covered three sections

1. Control-Many people prefer open source software because they have more control over that kind of software.
2. Security-Anyone can view and modify open source software, someone might spot and correct errors or omission.
3. Stability-User relying on that software for critical tasks can be sure their tools won't disappear or fall into disrepair.

The speaker also stated some reasons of choosing open source over proprietary software and briefed them to the audience which are Peer review, Transparency, Reliability, Flexibility, Collaboration. He shared the benefits of contributing to open source as it builds Confidence, Improves Communication skills and networking, Learning to look from other developers Perspective and gives practical knowledge about new skills and tools. Later he also shared his knowledge about Windows and Linux and the major difference between them which every developer should be aware.

Towards the end of the session speaker also spoke about Google Summer Of Code (GSOC), Hacktoberfest and Linux Kernel Mentorship Program and solved the doubts of audience regarding placement, internship, hackathons and interviews and he encouraged audience to keep learning new technologies at every stage of life which will help them in industries.



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## Fr. Conceicao Rodrigues Memorial Hackathon HACKOVER 3.0

### Hackathon Report

4<sup>th</sup> -5<sup>th</sup> October 2022

**Report by: Mr. Soham Mane (Documentation Head, CSI-CRCE)**

On 4<sup>th</sup> -5<sup>th</sup> October 2022, Hackathon, “HACKOVER 3.0” was held. It was in collaboration with Google Student Developer Club (GDSC), E-Cell and GDA. Hackathon provides student contributors to strengthen soft skills like leadership, mentoring and communication. It also provides an opportunity to explore their technical, coding and development skills, probe their domain of interest, discover and develop new skills, overcome their weak areas and compete for fame and glory. The primary goal of this event was to boost the innovation culture and further establish the idea-sharing, effective collaboration and creativeness driven by enthusiasm towards a shared goal. The hackathon allowed the participants to connect with Industry personnel's, faculty mentors, and most importantly, with each other.

### Planning:

Planning for the Hackathon began in the 3<sup>rd</sup> week of September 2022. An external call was sent out to corporate partners for their association in any form possible. Sponsorships were confirmed from Envision, Interview Buddy, Smokey Dough, Inspirus, Edusphere, SAHU Technologies. Weekly planning meetings were held with an hour-by-hour timeline available to the organizers team, technical volunteers, and judges before the event.

## Event Publicity:

The senior PR council members of all four councils divided the work equally amongst themselves as well as all the junior council members of both the councils and divided the number of colleges thus covered most of the engineering colleges of India. Posters were put up on all the social media platforms and was also published to a larger number of audience with the help of our media sponsors. Banner was put up in the college premises near the office and canteen so that maximum students should come to know about the Hackathon. Social Media platforms like Instagram, Facebook and LinkedIn were used to advertise about the Hackathon. As a result of effective publicity were received a whopping 150 plus registrations from across different colleges including IITs, NITs and some top engineering colleges all over India.

## Event Timeline:

On receiving 150 plus registration, the teams were divided based on their domain where 88 teams for the web and app development domain, 18 teams for blockchain domain and 44 teams for game development domain. The problem statements were released on 4th October 6:00 pm on discord server. The inauguration ceremony was on 4<sup>th</sup> October 2022 evening which was broadcasted live on YouTube. Our program began with opening speech and Rules by Miss Yashika Haritwal. The words of wisdom and advice given by our dignitaries were very enlightening and motivating which encouraged all the students to put their best in everything that they do and desire to do. A common mentoring session was arranged from 10 pm to 12 am on 4<sup>th</sup> October, 2022 for all 3 domains via Google Meet. Further a one-to-one mentoring session was arranged which gave the participants a chance to clear their doubts with the mentors and also to get an idea about the places where they can improve. Further we had two judging rounds, one at 7:00 am on 5<sup>th</sup> October, 2022 for all domains and the other at 1:00 pm on the same day. The judging round was carried out by calling each and every team from all 3 domains in separate Google meets. Google meets were conducted where each team was called one by one. The teams



were disqualified in case if they failed to update their GitHub repository before the first judging round. All the coordination with the teams was carried out through the discord channels. The organising Teams were present in college on the day to coordinate so that both the judging rounds to work smoothly. After the two judging rounds, top teams from all the 3 domains were selected on the basis of their performances. The final judging round was scheduled at 6:00pm on 5<sup>th</sup> January, 2022. Google meets were conducted where each of the teams were recalled one by one. All the finalist teams had to present their presentations and show the implementation they came up with to their respective domain judges, the meeting was broadcasted on YouTube live. Presentations and judging round were wrapped up by 7:30pm. This was followed by the Closing ceremony which was broadcasted live on Youtube. The winners and runner-up teams of Hackover 3.0 Hackathon were announced. The winners of App/Web Development and Blockchain domain were rewarded with prize money of Rs. 10,000/-, First Runner up with prize money of Rs. 5000/- and winners of Game Development Domain were rewarded with prize money of Rs. 7000/-, First Runner up with prize money of Rs. 3000/-. The ceremony ended with a vote of thanks to all the people who participated in the hackathon as judges, mentors, evaluators, organisers, participants and made the event a grand success.

## Winners:

Problem statements for the web/App development domain were to Create an Event Hosting System, Blockchain and Game development domain were open to participants.

### Winners of the Hackathon for Web/App Development:

#### Winners

: Team Digital Pirates

First Runner up: Team Local Host

Second Runner up

: Team Pro Coders

**ain:**

**Winners : Team Shadow**

**BlastersFirstRunnerup:TeamDarkCoders**

**SecondRunnerup:TeamCoinscart**

**WinnersoftheHackathonforGamedevelopmentDomain:**

**Winners:TeamDetroids**

**First Runner up : Team**

**RaptorsSecondRunnerup:TeamChinusha**

## **SocialMediaCoverage:**

We leveraged Instagram, LinkedIn, and Facebook for publicity and sourcing insights, publishing photographs and commentary throughout the entire event. These were done by an official @CSICRCE and @GDSCCRCE. The discord channel was used as a backchannel of conversation, allowing organizers to contact the teams, announce the timings, meeting links and other logistical notifications to participants to update them with all the details and to also clear the doubts of the participants.

## **Infrastructure:**

As the Hackathon was conducted online, a discord server was created. Various channels for each team as well as separate channels for the mentors, judges and evaluators were created in order to carry out the communication process with them smoothly. All the doubts of the teams were cleared out by the organizers in their respective team channels and also there was a common announcement channel where all the announcements and problem statements were put up. There was also a separate channel for rules and guidelines and queries.

## Acknowledgements/Personnel:

The round-the-clock event required significant personnel. We would like to thank everyone involved in the Hackathon.

**Event Coordinators:** Prof. Ashwini Pansare, Prof. Kalpana Deorukhkar

**Organizer team:** Entire student team of CSICRCE, GDSCCRCE, E-CELL and GDA.

**Faculty Mentors:** Prof. Prajakta Dhamnaskar, Prof. Heena Pendhari

**Judges:** Prof. Vaibhav Godbole, Pranay Bagrecha, Pushpak Chhajed, Edwin Clement, Mehek Male, Vedant Sahai, Mayank Srivastava, Justin Nadar, Pratik Chaudhai, Darleen

## Feedback from Students:

We received a great feedback from all the participants through the discord channel regarding the entire hackathon.



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## Fr. Conceicao Rodrigues Hackathon UNSCRIPT 2K23 Rookie's Hackathon Report 11<sup>th</sup>- 12<sup>th</sup> February, 2023

**Report by: Mr. Soham Mane (Documentation Head, CSICRCE)**

On 11<sup>th</sup> -12<sup>th</sup> February 2023, Fr Conceicao Rodrigues Hackathon, “UNSCRIPT Rookies 2K23” was held. Hackathon's provide student developers an opportunity to explore their technical, soft and communication skills, probe their domain of interest, discover and develop new skills, overcome their weak areas and compete for fame and glory. The primary goal of this event was to boost the innovation culture and further establish the idea-sharing, effective collaboration and creativeness driven by enthusiasm towards a shared goal. The hackathon allowed the participants to connect with Industry personnel's, faculty mentors, and most importantly, with each other.

### Planning:

Planning for the Hackathon began in December 2022. An external call was sent out to corporate partners for their association in any form possible. Sponsorships were confirmed from Devfolio, Polygon, Filecoin, Replit, Solana, Coding Ninjas, Stream Yard, Interview Buddy, Newolf, and Threeway Studio. Weekly planning meetings were held throughout December-February, with an hour-by-hour timeline available to the organizer team, technical volunteers, and judges before the event.

## Event Publicity:

The senior PR council members of both the councils divided the number of colleges equally amongst themselves as well as all the junior council members of both the councils and thus covered most of the engineering colleges of India. Posters were put upon all the social media platforms and was also published to a larger number of audience with the help of our media sponsors along with that Banners were also put at various places within the campus. Social Media platforms like

Instagram, Facebook and LinkedIn were used to advertise about the Hackathon. MoU was signed with Devfolio, a digital platform that provides registration portal and does digital marketing of events. As a result of effective publicity we received a whopping 1000 plus registrations from across different colleges all over India

## Event Timeline:

On receiving 1000 plus registration, the short-listing process was initiated which included scrutinizing teams profile followed by a Google meet with all the registered teams which was completely done on the basis of Resume and Interview. Later the teams were reduced to top 30 teams for the web development domain and top 20 teams for android development domain. The result of the interview session along with the problem statements were announced by 10<sup>th</sup> February 2023. The inauguration ceremony was on 11<sup>th</sup> February 2023 morning at 9:00 am which was broadcasted live on YouTube. Our Program began with introductory session by HOD of Computer Department Dr. Sujatha Deshmukh followed by Event Brief by Ayush Batra (VCP CSI-CRCE) and Reuben D'sa (Secretary ACM-CRCE).

A common mentoring session was arranged from 11 am to 1 pm on 11th February, 2023 for both domains in a Google Meet. Further, a one-to-one mentoring session was arranged from 2

From onwards which gave the participants a chance to clear their doubts with the mentors and also to get an idea about the places where they can improve. Further we had two evaluating sessions, one at 7:00 pm on 11<sup>th</sup> February 2023 for both domains, and the second evaluating session was conducted on 12<sup>th</sup> February 2023 at 7:30 am. The evaluating session was carried out by calling each and every team from all 2 domains in separate Google meets. All the coordination with the teams was carried out through the discord channels. After the two evaluation rounds top 6 teams from the web development domain and top 6 teams from the android development domain were selected on the basis of their performances.

The final judging round was scheduled from 11:00 am to 1:00 pm on 12<sup>th</sup> February 2023. Google meets were conducted where each of the teams were called one by one. All the finalist teams had to present their presentations within the time allotted to each team and show the implementation they came up with to the respective domain judges, the meeting was broadcasted on YouTube live. The presentations and judging round were wrapped up by 1:30 pm. This was followed by the Closing ceremony. The winners and runner up teams of Unscript Rookie's Hackathon were announced by Mr. Sourav Singla, Judge of Web Domain. The winners of each domain were rewarded with prize money of Rs. 13,000/-, First Runner up with prize money of Rs. 7000/-. The ceremony ended with a vote of thanks to all the people who participated in the hackathon as judges, mentors, evaluators, organizers, and participants and made the event a grand success.

## **Problem Statement and Winners:**

Problem statements for the web development domain was to Create Work-Connect-Connecting worker to clients and the problem statement for the android development domain was Food Bank-Surplus Food Management System.

### Problem Statement

### Problem Statement

#### Web Development:

#### Android App Development:

#### APP name: Work-Connect - Connecting workers to clients.

#### Food Bank - Surplus Food Management System

The Work-Connect is a Web App that helps daily-wage workers to connect with various clients in their locality. Through this web app the client can post an issue/request (e.g, request to repair taps, change fans or request for maid service, etc.)

This will be a type of platform for various clients who are in need of workers or vice versa. The application will have 3 modules, Admin, Workers and the Clients.

App that helps people reduce food waste by connecting them with surplus food from local restaurants and supermarkets.

This will be a food bank type platform for various sources and people in need of food. This can include but is not restricted to local restaurants, supermarkets and the other people in need. The application will have 3 modules, Admin, Providers(Restaurant Owners/Supermarket Managers, etc.) and the Customer.

## Winners of the Hackathon for Web Development:

**Winners: Team Squadrons-Siddhesh Desai (VIT Pune)**

Sanket Disale (VIT Pune)

Samarth Vinayak Bura (VIT Pune)

Rajkumar Dongre (VIT Pune)

Pune)

**Runnerup: Team QuackQuackQuad -Subhajeet Lahiri (IIIT Bangalore)**

Sai Madhavan G (IIIT

Bangalore) Harsh Kumar

(IIIT

Bangalore) Aman Nambisan (I

IIIT Bangalore)

# Winners of the Hackathon for App Development:

**Winners: Team Innovative Minds**-Prerak Gada (Atharva College of Engineering)

Mithil Bavishi (DJ

Sanghvi) Nemin Sheth (D

JSanghvi)

Siddesh Shetty (Thadomal Sahani College)

**Runnerup: Team Khama Ghani** -Kresha Mehta (Thadomal Sahani College)

Vishesh Gatha (Thadomal Sahani

College) Pankhudi Jaiswal (Thadomal Sa

hani College)

## Social Media Coverage:

We leveraged Instagram, LinkedIn, and Facebook for publicity and sourcing insights,

publishing photographs and commentary throughout the entire event. These were done by a [@official@CSICRCE](#) and [@ACMCRCE](#). The discord channel was used as a backchannel

of conversation, allowing organizers to contact the teams, announce the timings, meeting links, and other logistical notifications to participants to update them with all the details and to also clear the doubts of the participants

## Infrastructure:

As the Hackathon was conducted online, a discord server was created. Various channels for each team as well as separate channels for the mentors, judges and evaluators were created in order to carry out the communication process with them smoothly. All the doubts of the teams were



clearly by the organizers in their respective team channel and also there was a common announcement channel where all the announcements were put up.

## **Acknowledgements/Personnel:**

The round-the-

clock event requires significant personnel. We would like to thank everyone involved in the Hackathon.

**Organizer team:** Entire students team of CSICRCE and ACM CRCE.

**Faculty Mentors:** Prof. Ashwini Pansare, Prof. Sarika Davare and Prof. Prachi Patil

**Judges:** Sourav Singla (TCS) and Rathil Patel (Senior Solutions Engineer, Browserstack)  
Gunjan Munde (Full Stack Developer, Publicis Sapient) and Joel Souza (Full Stack Developer, Finance peer)

**Mentors:** Anmol Pratap Singh (Software Engineer, ClearTax) , Rupali pol (Software developer, TCS), Kshitij Barapatre (Certified Penetration Tester, Information Sharing and Analysis Center), Nehal Kalnad (Senior Software Engineer, Cimpres India)

**Evaluators:** Varad Patil (TPM, HackerRank) , Justin Nadar (Salesforce Admin, TIAA) , Shridhar Iyer (Professor, D.J. Sanghvi College of Engineering), Ajitesh (SD E, HackerRank), Dr. Nilesh Patil (Associate Professor, D.J. Sanghvi College of Engineering)

## **Feedback from Students:**

We received a great feedback from all the participants through the discord channel regarding the entire hackathon.

931 MILLION  
 OF WHICH  
 61% 26%  
 GPS Map Camera  
 Mumbai, Maharashtra, India  
 2RVC+V46, Father Angels Ashram Rd, Mount Mary,  
 Bandra West, Mumbai, Maharashtra 400050, India  
 Lat 19.044658° Long 72.820464°  
 GMT +05:30

GPS Map Camera  
 Mumbai, Maharashtra, India  
 2RVC+V46, Father Angels Ashram Rd, Mount Mary,  
 Bandra West, Mumbai, Maharashtra 400050, India  
 Lat 19.044658° Long 72.820464°  
 GMT +05:30

Anurag Raut is presenting

```

function search(query) {
  const results = [...Array(10)].map(() => {
    return {
      title: 'Search Results',
      description: 'This is a search result for the query: ' + query
    };
  });
  return results;
}

```

Participants: Uttam Vata, Dr. Nilesh Patil, Anurag Raut, Priya Sarve, Ishal Datta, Purnesh Poojary, 2 others, You.

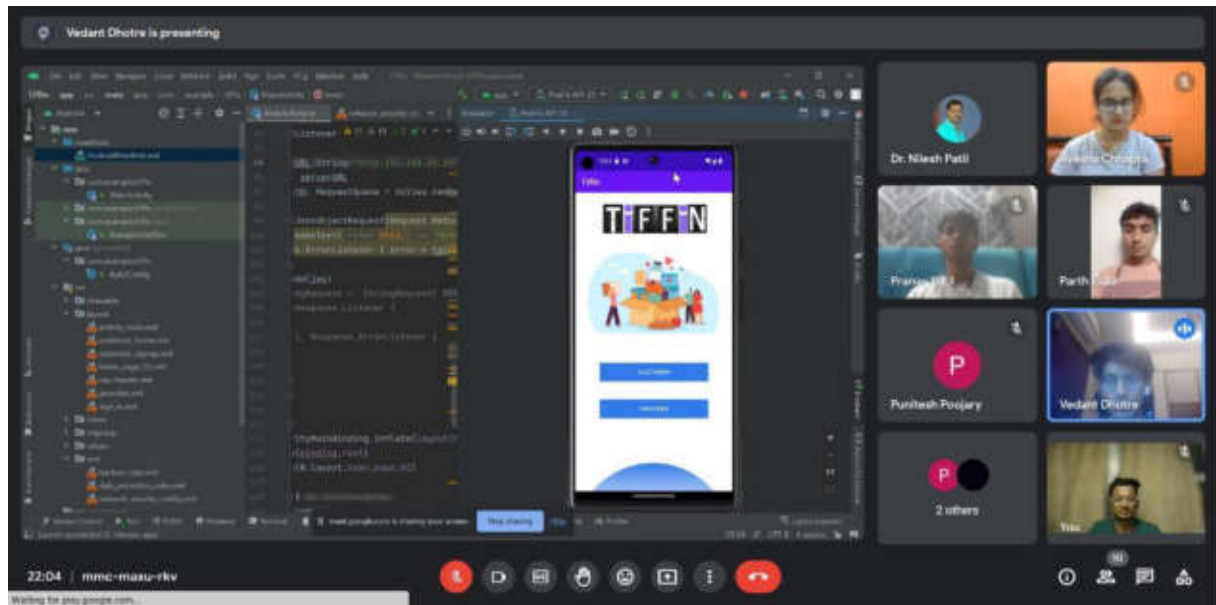
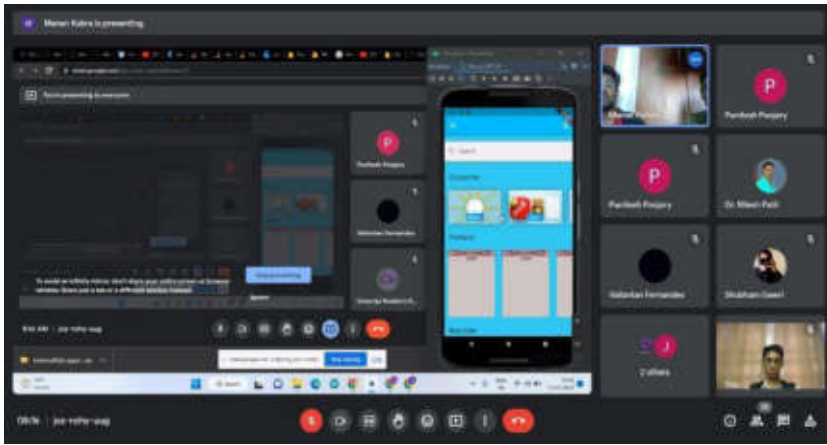
Darshil Sande is presenting

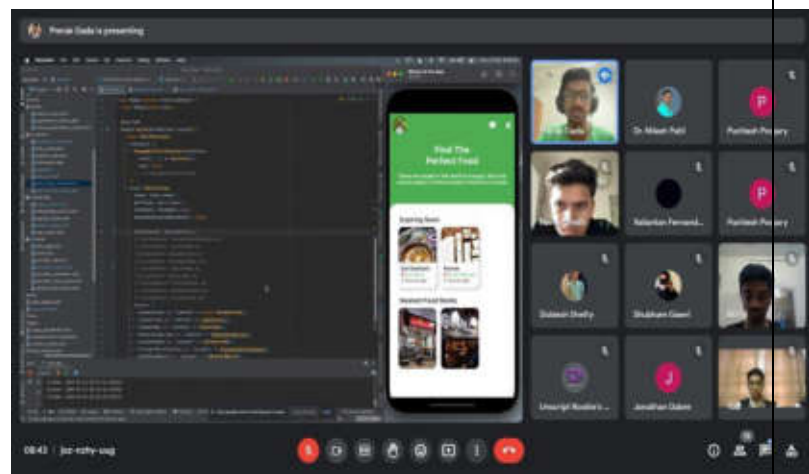
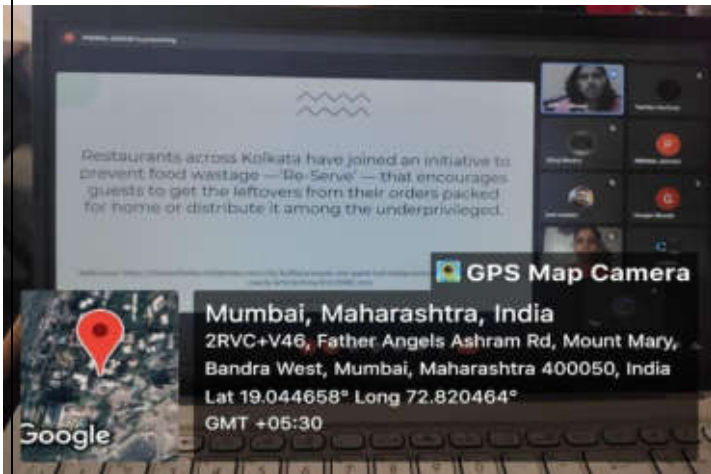
```

function search(query) {
  const results = [...Array(10)].map(() => {
    return {
      title: 'Search Results',
      description: 'This is a search result for the query: ' + query
    };
  });
  return results;
}

```

Participants: Darshil Sande, Purnesh Poojary, Dr. Nilesh Patil, Vallant Fernandes, Purnesh Poojary, CRCE\_4216\_Tweetyr, You.







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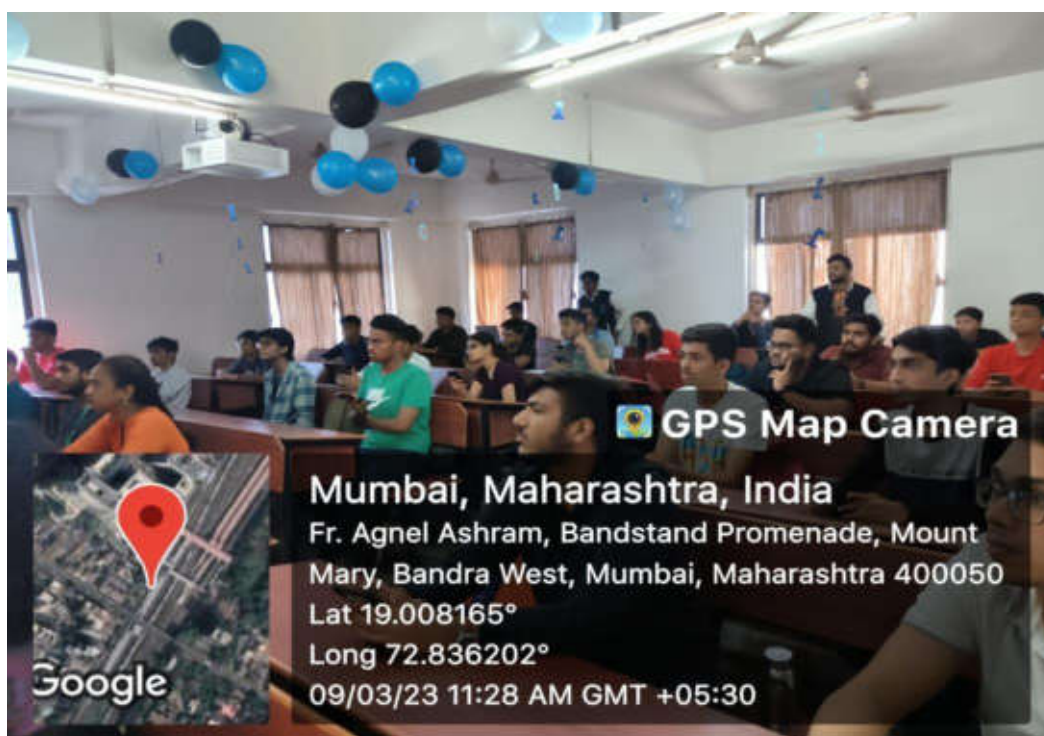
**CSI-CRCE organized 'Code-o-fiesta' event in Crescendo 2k23**

**Event Name : Code-o-fiesta**  
**Date : 09<sup>th</sup> March, 2023**  
**Platform : Offline Mode - Classroom-811, Labs-802,810**

The Computer Society of India (C.S.I.), FR. C.R.C.E. organized a event 'Code-o-fiesta' for the Crescendo 2k23. The preparations for the event started in the month of February. In the month of December, Ayush Batra (VCP) made 3 groups of 4 council member each for coming up with innovative ideas for Crescendo from which 2 event ideas were sent to Student's Council. The event idea finalized by council was 'Code-o-fiesta' which was 2 round event, 1<sup>st</sup> round was qualifying round which was quiz to be conducted on a popular website called Kahoot and 2<sup>nd</sup> round was Coding game where the participants have to solve the coding questions given to them of various difficulty level. The backup plan for the event was Scavenger Hunt where the participant has to scan QR Code and problem statement of easy to moderate level will be provided to them which is to be solved in given time.

The final event that was selected was 'Code-o-fiesta'. Mr. Gaurav Mishra was Student's Council member assigned to CSI Council. After the finalization of event idea, council started preparing the storyline, questions for Kahoot, hints, event rules and registration etc. Each council member prepared 5 various types of questions which included mcqs, true or false and many more. Further the questions were shortlisted by Akshita Sharma (Secretary). Later all the

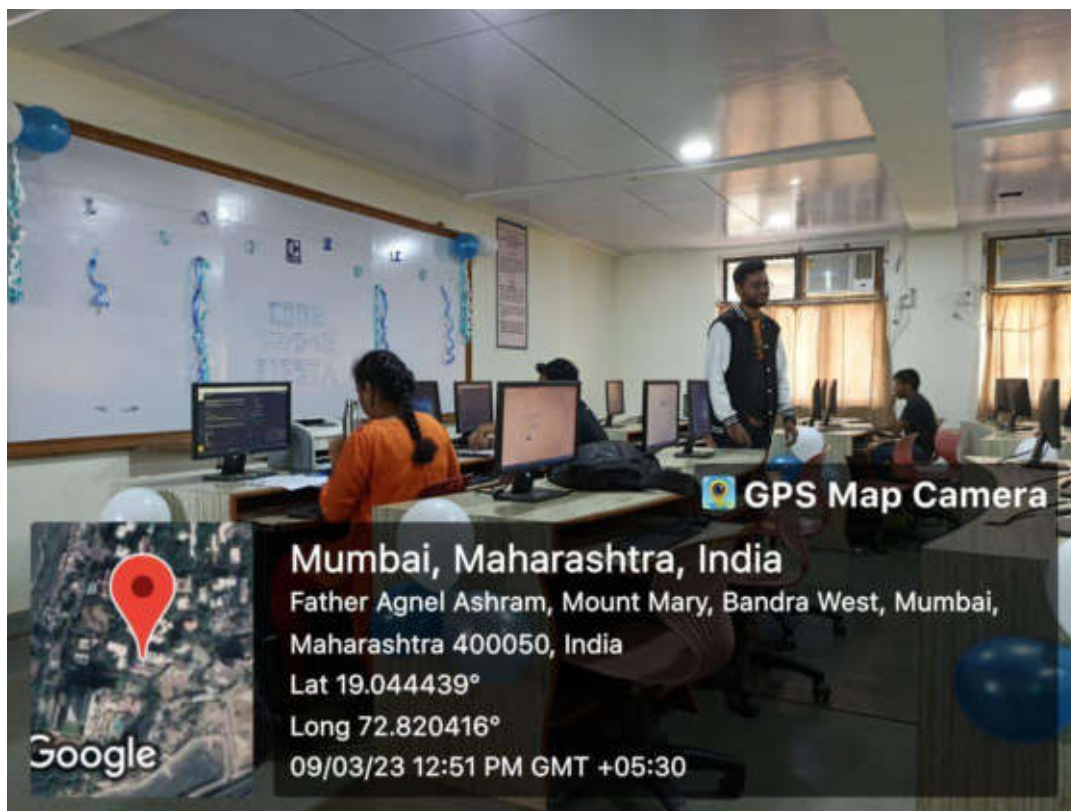
council members started working on problem statements for second round and top 15 questions from website of CodingGame were selected and divided into 3 sections of difficulty i.e Easy, Medium and Hard. The sequence of questions and points for each section was finalized by Ayush Batra (VCP). After the preparation of questions, council started the work related to labs that were to be used for the event. Swapnali ma'am gave access to premium version of Kahoot for round 1. Yashika and Soham started the work of making quiz on Kahoot, Jonathan and Vailantan Fernandes started planning for decoration and executed it along with the help of other council members. Shubham sonar and Sumit looked after the sponsors and coordinated with them on the day of the event. Once the quiz on Kahoot was ready, a dry run was done to verify whether everything was working in a stable condition or not. All PCs, mouse and keyboards were checked in order to avoid any kind of trouble on the day of event. The participation criteria given by Student's council was 3 members per class. A total of 31 members participated in the event from which only top 15 members were selected in round 2 on the basis of their Kahoot rank. Round 1 started at 11.15 am and ended at 11.50 am after that 20 mins break was given to all participants.



For round 2, the teams and council members were divided into 2 labs and special care was taken that no 2 participants from same class would be in same lab together just to avoid any type of malpractice or cheating. One person from each lab was assigned the work of maintaining the documentation work i.e. to keep a record of participants present and number of coding questions solved by them. Round 2 started at 12.15 pm and the duration of this round was 1 hour and 45 minutes.

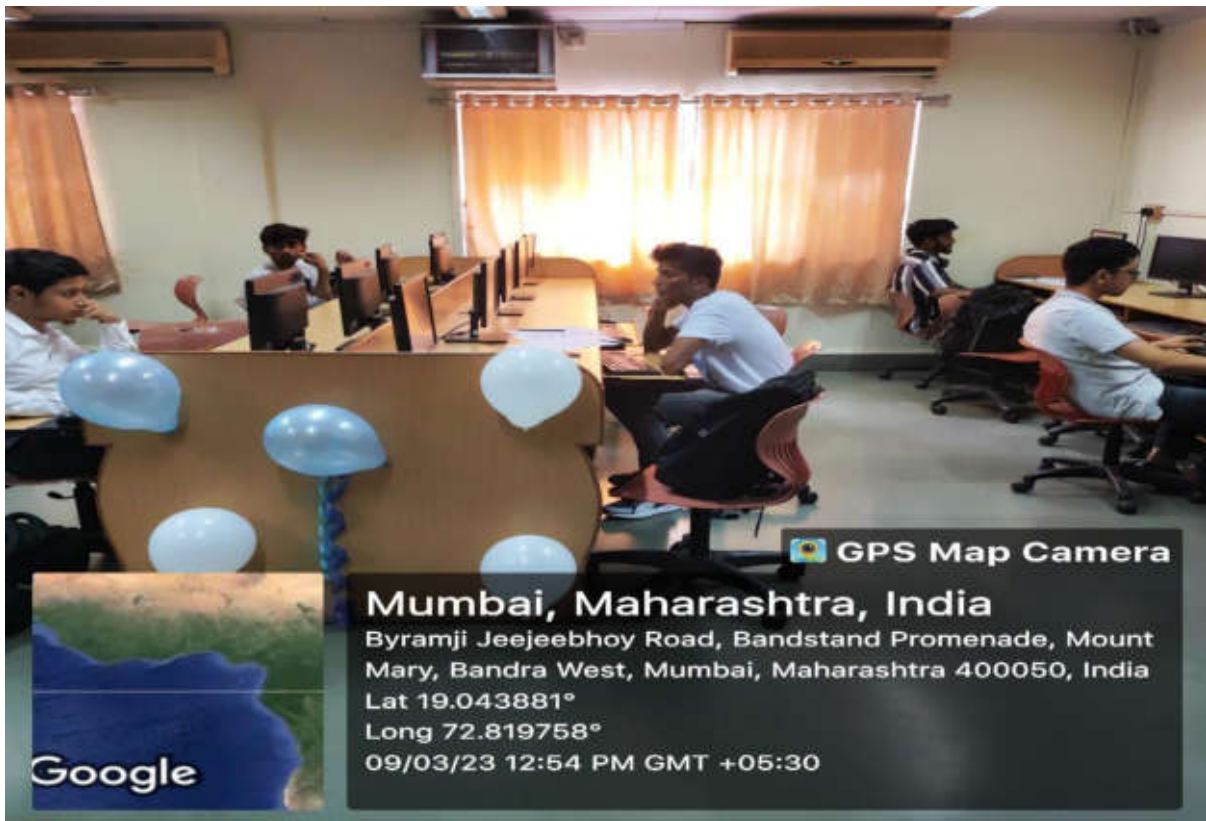
Lab 810 - VCP Ayush Batra, Mr. Soham Mane, Secretary Ms. Akshita Sharma, Mr. Marlon Valladares, Mr. Jonathan Dabre, Mr. Shubham Gawri and Trevelyn Noronha

This lab had 9 participants.



Lab 802 – Ms. Yashika Haritwal, Mr. Sumit Rai, Mr. Vailantan Fernandes, Mr. Vansh Thakkar and Mr. Shubham Sonar.

This lab had 6 participants.



Based on the number of questions the participants solved in a given amount of time and the points scored by them, the winners were decided. As no participant from FE qualified for round 2 so the judging criteria for FE was the one which got maximum points in Kahoot was declared as winner.

**Winners:**

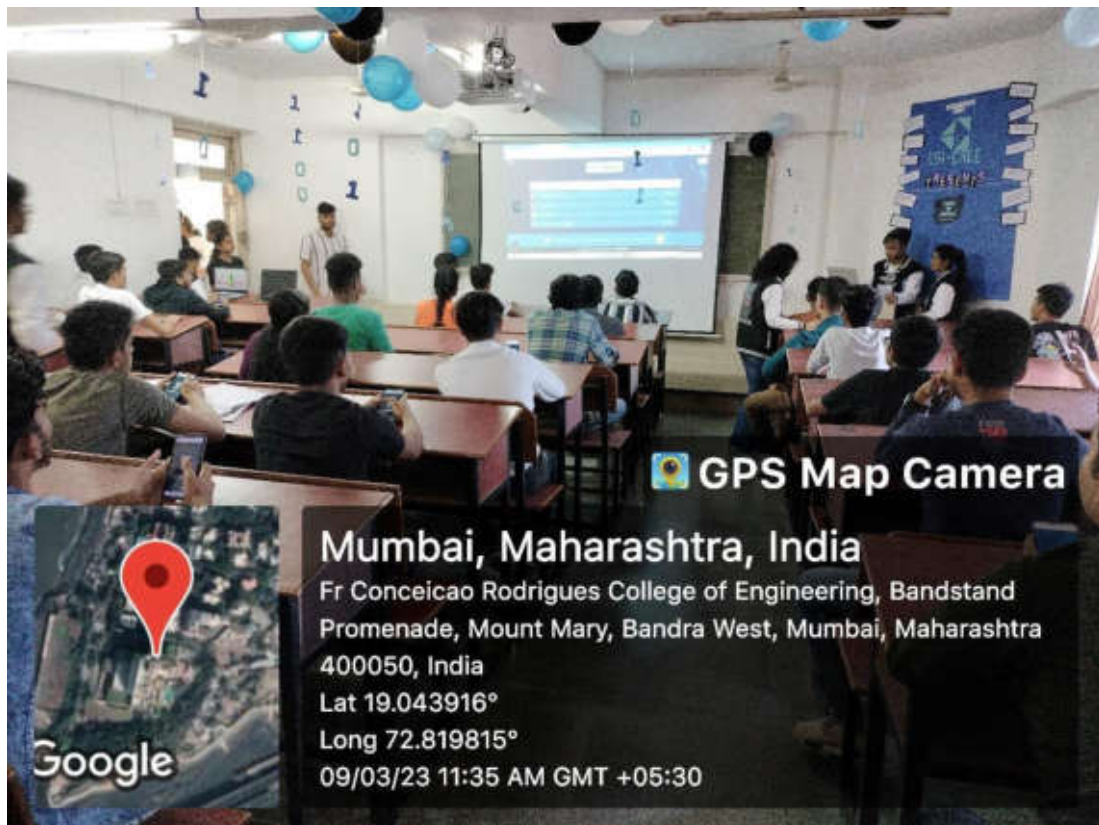
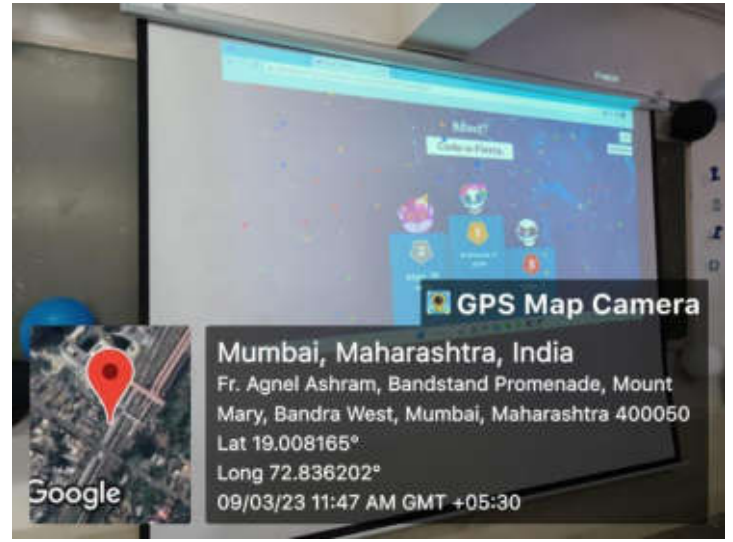
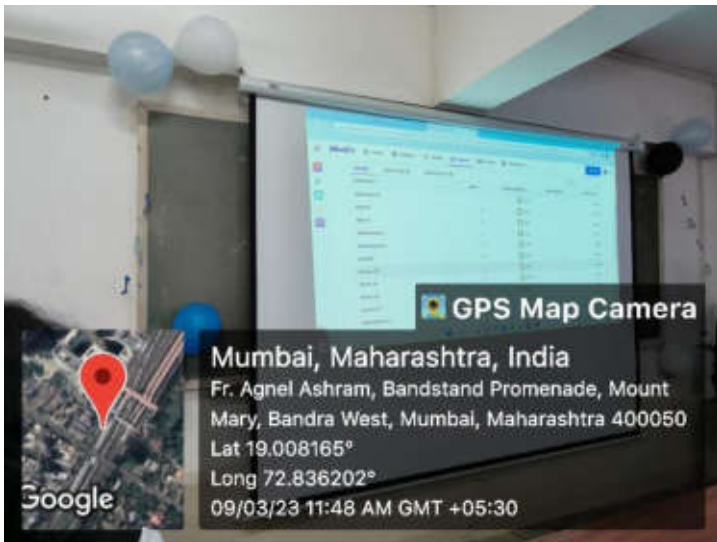
**1<sup>st</sup> place:** Ms. Vanessa Dmello (BECOMPSA) **2<sup>nd</sup>**

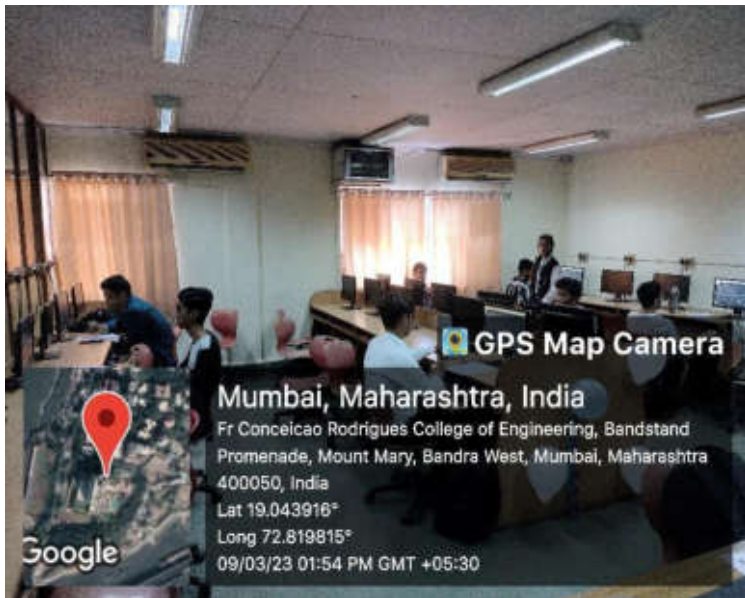
**place:** Mr. Omkar Anabathula (TE

**AIDS) FE prize:** Zane Fernandes (FE COMPSA)



The participant winning the first prize received a total prize money of Rs.3000/- .The participant winning the second prize received a total prize money of Rs.1000/-and the participant winning the FE prize received the total prize money of Rs.750/-After the completion of the event, the council received great feedback from all theparticipants regardingthe event.





AshwiniPansareMr.AyushBatra  
 (FacultyIn-charge)(ViceChairperson)



FR.CONCEICAORODRIGUESCOLLEGE OF ENGINEERING  
FR.AgnelAshram,Bandstand,Bandra(W),Mumbai-400050



## **Breaking-The-Binary**

**Event Name : Breaking-the-Binary**  
**Date : 05<sup>th</sup> April,**  
**2023 Platform : Offline Mode –**  
**Samvaad Guest Speaker:**  
**Mr.SudheerTripathi**

The Computer Society of India (C.S.I.), FR.C.R.C.E. organized a seminar 'Breaking-the-binary' which was a guide to conquering Online coding puzzles and the main aim of the seminar was to provide with the opportunity to learn and enhance their programming skills through competitive coding. This seminar had an experienced speaker who was a alumnio of our college and is currently working as a Software Engineer at ClearGlass Analytics. He had also cracked JP Morgan and Carwale On-Campus. Having a very strong coding profile with a maximum rating of 1988 and a minimum rating of 866, he had also won many hackathons during his college time and had been runner up for Code for Good in year 2022. The objective of the seminar was to help the audience improve their programming skills where the speaker spoke about how to manage time while doing competitive coding as time management becomes a major factor while solving questions specially when students are preparing for big tech companies like MAANG. Speaker also spoke about important domains in which students should start focusing from second year and also gave a message specially for first year students that starting coding as early as possible is undoubtedly going to

giving them edge among their other peers. As most of the companies have their coding round first followed by technical round so speaker also gave some special tips to how to clear them and also shared some important subjects which are most probably asked in interviews such as Object Oriented Programming, Operating Systems, Database management System, Data structures and Algorithms. Giving importance of DSA, he also solved some questions to show everyone how to approach any DSA question and based on problem requirements and constraints how to choose a suitable data structure that can effectively handle the problem and break the problem down into smaller sub-problems and tackle them one by one. Along with coding, it is also necessary to learn how to test the solution on different test cases, including edge cases and corner cases, to make sure it works efficiently and correctly.

Later he spoke about the importance of projects as it provides a practical and hands-on experience and helps to understand the concepts and theories of DSA learned in competitive coding. The speaker also discussed a few important points regarding choosing a language while starting coding and suggested the audience to not waste much time on choosing language and just select any one from C++, JAVA and PYTHON and start practicing its basic concepts and then only begin with OOP concepts. Another suggestion from speaker was to read discussions and editorials for each question after solving them, even if they are able to solve it which will broaden their mind and will get to know more approaches to solve any problem. According to the speaker, in the initial phase there are basically two levels where first is to learn Syntax and become familiar with it and begin with its implementation and the second phase is to learn data structures and algorithms. He also shared some resources like HackerEarth tutorials and MyCodeSchool playlist to start learning and practicing coding and some other platforms like eHackerrank especially for Data structure, HackerEarth and LeetCode. He also focused

on contests as it provides a overall ranking that allows participants to compare their skills with others and strive for better performance.

In the second half of the seminar, he solved some coding questions and interacted with the audience and asked them

logic of questions, and did some brainstorming

with them. The speaker also spoke about roadmap for competitive programming and introduced everyone to the popular coding platform Codeforces and showed them how to effectively use it and become consistent on solving questions. After that he spoke about development as most of the companies are in search of such employees who are good in DSA along with Development which can be web or app as this combination has more demand in today's tech world. Speaker shared his experience and asked all students to keep practicing as much as problems as they can, as practice is the key to becoming proficient in DSA and improve skills and knowledge.

Toward the end of session, Speaker gave some valuable advice to all audience

1. Always participate in contests.
2. Always read editorials and up-solve problems.
3. Try to find peers.
4. Practice on one platform and give contests on all platforms.
5. See how others have solved the same problem.
6. To always spend sufficient time on each problem in initial days.
7. Don't waste time on choosing/switching between languages.

In conclusion, the seminar was a great success as it provided with valuable knowledge and experience in competitive coding as it gave clear idea about competitive programming and differentiated between CP and software development and how can one begin their journey in Competitive programming.





AshwiniPansareMr.AyushBatra  
(FacultyIn-charge)(ViceChairperson)



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



## **WEBINAR:ANIMALWELFARE**

**Date:** -1stOctober2023

**Time:** -07:30PM to08:30PM

**Place:** -WebinarinGoogle Meet

**Platform:** - Online

### **Introduction:**

TheNationalServiceScheme(NSS)CouncilofFr.ConceicaoRodriguesCollegeofEngineering successfullyorganizedasignificantonlinewebinaronanimalwelfare.Thewebinar beganwith a keynote address by our speaker Mr. Shailesh Moolya, who emphasized the importance of empathy towards animals. This was followed by several engaging presentations covering topics such as pet ownership, ethical treatment of animals in agriculture, and the role of legislation in animal protection. The speaker shared compelling real-life stories and statistics highlighting the challenges animals face in various environments. Furthermore, the speaker explained the bond between humans and animals which has therapeutic benefits. Interacting with animals, especially in therapeutic settings, can reduce stress, anxiety, and depression. This human-animalconnectionalsoplaysasignificantrolein enhancingemotionalwell-being and social skills, especially in children.

### **Objectives:**

The event aimed to raise awareness about the importance of animal welfare, promote compassion towards animals, and encourage active participation in animal welfare initiatives. The webinar was purposely organized to dedicate it to our furry friends.

### **EventHighlights:**

ThewebinarwitnessedactiveparticipationfromourNSSvolunteers.Theinteractivenatureof the event fostered insightful discussions and encouraged attendees to think critically about Animal welfare issues. Participants had the chance to ask questions, allowing for a deeper understanding of animal welfare-related topics.

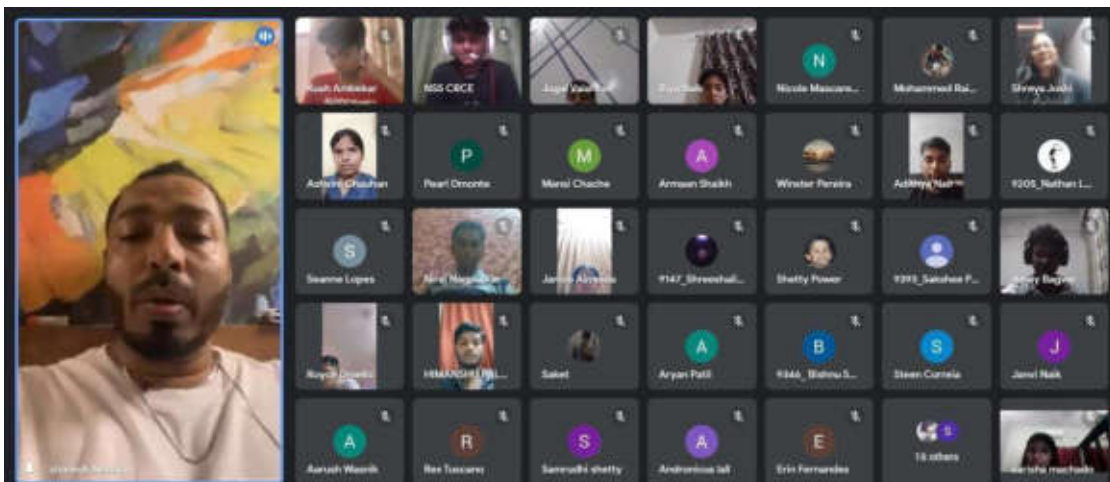
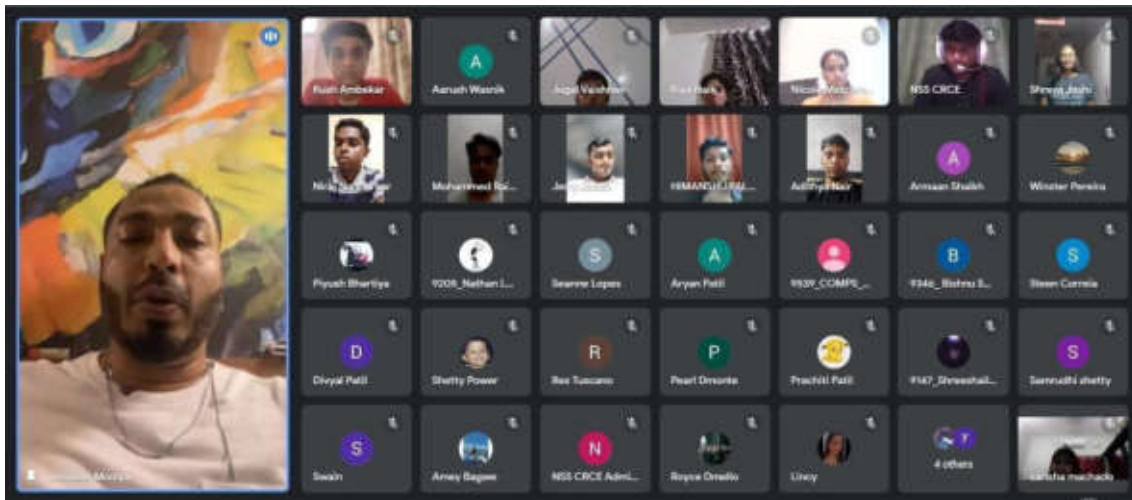


# Conclusion:

In summary, the webinar taught everyone that animal welfare is integral to building a Compassionate, sustainable, and healthy society. It teaches empathy, preserves our Environment, enhances our well-being, and promotes a harmonious coexistence between Humans and animals. This webinar served as a catalyst for understanding these critical Aspects, inspiring attendees to champion the cause of animal welfare in their communities.

A report by Armaan Shaikh, Documentation in charge.

## An Insight into the Program:



The following is the attendancesheet for NSS Volunteers who participated in the event.

NAME	BRANCH	ROLLNO
Shine Mascarenhas	COMPS	9976
Pearl Dmonte	COMPS	9887
Mansi Chache	COMPS	9949
Shubham Ghadigaonkar	COMPS	9606
Steen Correia	COMPS	9880
Rex Tuscano	COMPS	9936
Nathan Lopes	COMPS	9205
Yashika Haritwal	COMPS	9610
Swain Dmonte	COMPS	9957
Neil Lopes	COMPS	9973
Royce Dmello	COMPS	9533
Janice Almeida	COMPS	9941
Aryan Patil	COMPS	9927
Steffi Peter Raj	COMPS	9930
Simona Rumao	COMPS	9765
Amey Bagwe	COMPS	9180
Shreya Joshi	COMPS	9905
Shreya Ghorpade	COMPS	9898
Sarisha Machado	AI-DS	10070
Divyal Patil	AI-DS	9731
Lincy Dcosta	AI-DS	10044
Nicole Mascarenhas	AI-DS	9724
Raiyan Shaikh	AI-DS	10092
Seanne Lopes	AI-DS	10068
Armaan Shaikh	AI-DS	10091
Jugal Vaishnav	AI-DS	9747
Devashish Sharma	AI-DS	10093
Ashvini Chauhan	AI-DS	9807
Samarth Shetty	AI-DS	10094
Erin Fernandes	AI-DS	9709
Vidit Patil	AI-DS	10078
Aarush Wasnik	ECS	9517
Jerry Jacob	ECS	9467
Vrushti Shah	ECS	9420
Prachiti Patil	ECS	9146
Samrudhi Shetty	ECS	9865
Shreeshailya Patil	ECS	9147
Kush Ambekar	ECS	9463



**FR. CONCEICAORODRIGUES COLLEGE OF ENGINEERING**  
**Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai-400050**



**IIC-FrCRCE**

Niraj Nagpurkar	ECS	9843
Ronak Raut	ECS	9857
Saket Pokale	ECS	9851
Ratan Singh	ECS	9511
Krishna Soni	ECS	9512
Bishnu Shrestha	MECH	9346
Himanshu Palshetkar	MECH	10029
Prathamesh Magar	MECH	9669
Adithya Nair	MECH	10027



## WORLDTEACHER'S DAY

**Date:** -05th October 2023

**Time:** -11:00AM

**Place:** -Fr. Conceicao Rodrigues College of Engineering

**Platform:** -Offline

## Introduction:

The National Service Scheme (NSS) Council of Fr. CRCE College successfully conducted the WorldTeacher's Day Event intending to acknowledge the pivotal role teachers play in shaping the minds of future generations. The primary aim of this event was to recognize and appreciate the contribution of teachers to education society.

## Objectives:

This event aimed to recognize and appreciate the invaluable contribution of teachers to education and society. It also seeks to inspire and motivate them by acknowledging their efforts, boosting their morale, and reinforcing the significance of their role in nurturing students. "Teachers can change life with the right mix of chalk and challenges."

## Event Highlights:

Our Council embarked on a unique celebration that centered around the thoughtful and personalized gesture of gifting teachers with customized mugs. This creative approach was to express our appreciation for our educators distinctively and memorably. The mugs were personalized with the teacher's name along with the college and NSS logo. This individualized touch added a special element to the gift. The celebration contributed to fostering a positive atmosphere within the college community, reinforcing the idea that appreciation can be expressed in simple yet meaningful ways. The event deepened the bonds between teachers and students, creating a shared experience that goes beyond the classroom.



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## Conclusion:

The celebration of World Teacher's Day with personalized mugs was a resounding success, creating a memorable and heartwarming experience for both teachers and students. This initiative not only expressed gratitude but fostered a sense of individuality and appreciation among educators. As the mugs now find a place on teacher's desks, they serve as reminders of the impact they have on the lives of their students. This soulful appreciation conducted by the NSS Council of Fr. CRCE had an interactive and heartfelt response from teachers as well as students. The event accomplished its goal of expressing gratitude towards our educators.

## AreportbyMansiChache,SECRETARY.

Aninsightintourprogram:









**FR.CONCEICAORODRIGUESCOLLEGE OFENGINEERING**  
**Fr.AgnelAshram,Bandstand,Bandra(W),Mumbai-400050**



The following is the attendancesheet for NSS Volunteers who participated in the event.

<b>NAME</b>	<b>BRANCH</b>	<b>ROLLNO</b>
Shreya Vaibhao Joshi	COMPS	9905
Nagpurkar Niraj Manohar	ECS	9843
Ronak Raut	ECS	9857
Mansi Chache	COMPS	9949
Shreya Shridhar Ghorpade	COMPS	9898
Andronicus Brandon Lall	COMPS	9911
Armaan Shaikh	AI-DS	10091
Ratan Singh	ECS	9511
Krishna Soni	ECS	9512
Prathmesh Magar	MECH	9699
Shubham Ghadigaonkar	COMPS	9606
Aarush Wasnik	ECS	9517
Kush Ambekar	ECS	9463





## **WORLD FOOD DAY: FOOD FEST**

**Date:** - 18th October 2023

**Time:** - 10:00 AM to 06:00 PM

**Place:** - Fr. Conceicao Rodrigues College of Engineering

**Platform:** - Offline

### **Introduction:**

The National Service Scheme (NSS) Council of Fr. Conceicao Rodrigues College of Engineering Accomplished the successful organization of a Food Fest for the first time at our esteemed college. This Food Fest event, hosted at our college, was a flagship event that united students, faculty, and distinguished guests. The event was graced by the presence of Fr. Valerian D'Souza, honorable Principal Sir Dr. S.S. Rathod, the Heads of departments, dedicated teachers, NSS volunteers, and all other college students who all lent their support to the festivity. The NSS Council members along with NSS Volunteers made meticulous efforts to adorn the entire campus also involving the hosting of food fest banners and boardings with all culinary themes in the joy while keeping in mind the spirit of positive societal impact.

### **Objectives:**

This event aimed to embark on a charitable mission of providing sustenance to orphanage children. It also served as a platform for raising awareness about the significance of food festivals and global nutrition and celebrated culinary diversity all on the occasion of World Food Day.

### **Activities and contribution:**

For this event, a wide range of outdoor stalls were meticulously arranged and strategically placed throughout our college campus, these stalls presented a rich selection showcasing the diverse culinary traditions from around the globe. These stalls attracted considerable interest from the students who all visited the stalls and extended their support for the event.

This Food Fest shone a spotlight on our commitment to social responsibility. As part of our philanthropic endeavor, we at the end of the event, organized a heartwarming food distribution initiative aimed at providing meals to orphanage students. The foods made at the stalls were donated to a selected orphanage. Also, the funding raised and received in this event will be considered and dedicated for charitable purposes This initiative exemplified the ethos of our college, extending warmth and generosity to those less fortunate and enabling them to partake in the joy of the festival.



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In addition to this the delightful spread of cuisines and food distribution, the Food Fest played a pivotal role in creating awareness. We took advantage of this opportunity to educate our attendees about the cultural and societal significance of food festivals.

## **Conclusion:**

The Food Fest was an exceptional event that not only brought our college community together in celebration but also demonstrated our commitment to giving back to society. It served as an educational platform, emphasizing the cultural and nutritional significance of food festivals, especially in the context of World Food Day.

The Food Fest, organized by the NSS Council of Fr. CRCE, was a resounding success. It not only contributed to donating food to needy orphanage children but also to helping all of these small-scale food stalls to increase their network in the student community and to make a profit during the Food Fest event. The dedication and hard work of our NSS volunteers were instrumental in making this Food Fest event a triumph



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A report by Armaan Shaikh, Documentation in charge.

## An Insight into the Program:







**FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING**  
**Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai-400050**





NAME	BRANCH	ROLL NO
Shreya Vaibhao Joshi	COMPS	9905
Nagpurkar Niraj Manohar	ECS	9843
Ronak Raut	ECS	9857
Mansi Chache	COMPS	9949
Shreya Shridhar Ghorpade	COMPS	9898
Andronicus Brandon Lall	COMPS	9911
Armaan Shaikh	AI-DS	10091
Ratan Singh	ECS	9511
Krishna Soni	ECS	9512
Prathmesh Magar	MECH	9699
Shubham Ghadigaonkar	COMPS	9606
Aarush Wasnik	ECS	9517
Kush Ambekar	ECS	9463
Dhruvin H Barot	ECS	9116
Patil Shreeshailya Vishwasrao	ECS	9147
Amey Bagwe	COMPS	9180
Nathan Lopes	COMPS	9205
Divyansh Dalmia	COMPS	9249
Erica Mathias	COMPS	9271
Bishnu Shrestha	MECH	9346
Andre Isaac Nazareth	AI-DS	9389
Sakshee Patil	AI-DS	9393
Grace Pereira	AI-DS	9394
VRUSHTI SHAH	ECS	9420
Prachiti Patil	ECS	9146
Raiyan Shaikh	AI-DS	10092
Zebin Anil	AI-DS	10102
Krushang Hansora	AI-DS	10058
Mohammad Hyderabadwala	AI-DS	10059
Mitesh Sawant	AI-DS	10089
Vatsal Shah	AI-DS	10090
Devashish Sharma	AI-DS	10093
Piyush Bhartiya	AI-DS	10040
Vidit Patil	AI-DS	10078
Samarth Shetty	AI-DS	10094



## NATIONALUNITYDAY

**Date:** -31stOctober2023

**Time:** -11:30AMto12:30PM

**Place:** -Fr.ConceicaoRodriguesCollegeofEngineering

**Platform:** -Offline

## **Introduction:**

TheNationalServiceScheme(NSS)CouncilofFr.ConceicaoRodriguesCollegeofEngineering successfullyorganizedaNationalUnityDayEventintendingtofamiliarizepeoplewith Sardar Vallabhbhai Patel and promote the spirit of unity. The Bandra police were invited as chief guests, introducing a new concept of Police Shahid Divas on October 21st. The event commenced with an introduction to Unity Day, explaining its significance, followed by a documentary on Sardar Vallabhbhai Patel. A lively quiz session for first-year students, based on the documentary, saw enthusiastic participation

ThepoliceofficialsweretheninvitedtodeliveraspeechonUnityDay,incorporatinginsights intoPoliceShahidDivaswetookanoath.TheeventconcludedwithaheartfelttributetoSardar Vallabhbhai Patel. Flowers and garland adorned Patel Ji's frame, marking the end of our session.

## **Objectives:**

This event aimed to pay a tribute to Sardar Vallabhbhai Patel. The aim of the event was to successfullyblendeducationalcomponentswithinteractivesessions,leavingalastingimpact on the participants and reinforcing the importance of unity in a diverse society.

## **Activitiesandcontribution:**

1. PoliceShahidDivasConcept:  
A unique element introduced was the concept of Police Shahid Divas on October



21st, according to the Fr. Conceicao Rodrigues College of Engineering. The Bandra police were honored as chief guests, adding a distinctive touch to the event.



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#### Documentary Screening:

A documentary on the life and contributions of Sardar Vallabhbhai Patel was screened. The visual journey through Patel Ji's life served as a compelling means to understand the essence of unity. A meticulously crafted PowerPoint presentation took center stage, providing attendees with a comprehensive insight into the Iron Man of India.

#### 3. Quiz Session:

An engaging quiz session, based on the documentary, was organized for first-year students. The quiz aimed to test their knowledge about Sardar Vallabhbhai Patel, encouraging active participation and a deeper understanding of his legacy.

#### 4. Speech by Police Officials:

Distinguished police officials were invited to share their perspectives on Unity Day and shed light on the recently introduced concept of Police Shahid Divas. The officials' speeches not only inspired but also emphasized the importance of unity in maintaining law and order.

#### 5. Tribute to Sardar Vallabhbhai Patel:

The event concluded with a heartfelt tribute to Sardar Vallabhbhai Patel. Flowers and garlands adorned Patel Ji's frame, symbolizing respect and gratitude for his monumental role in shaping the nation.

## Conclusion:

The National Unity Day Event at Fr. Conceicao Rodrigues College of Engineering served as a platform to celebrate Sardar Vallabhbhai Patel's birth anniversary, fostering a spirit of unity and togetherness. The event successfully blended educational components with interactive sessions, leaving a lasting impact on the participants and reinforcing the importance of unity in a diverse society.

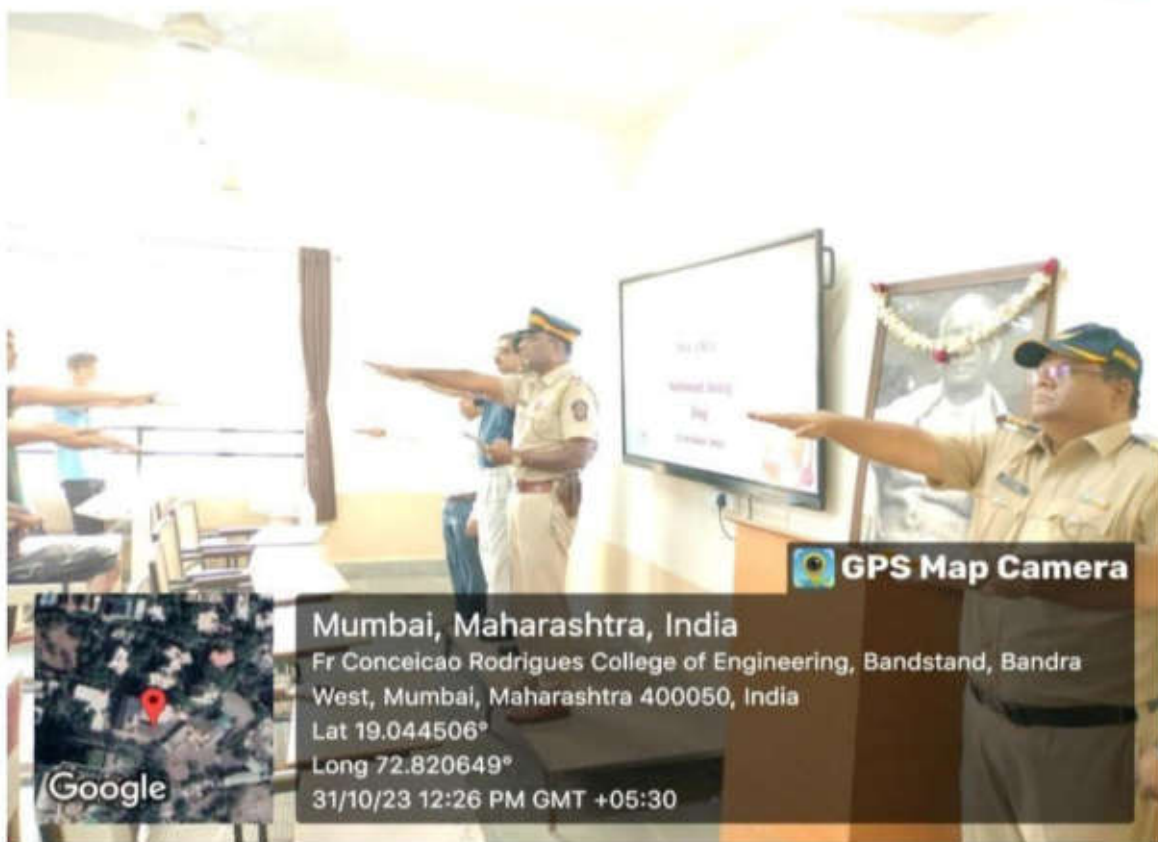
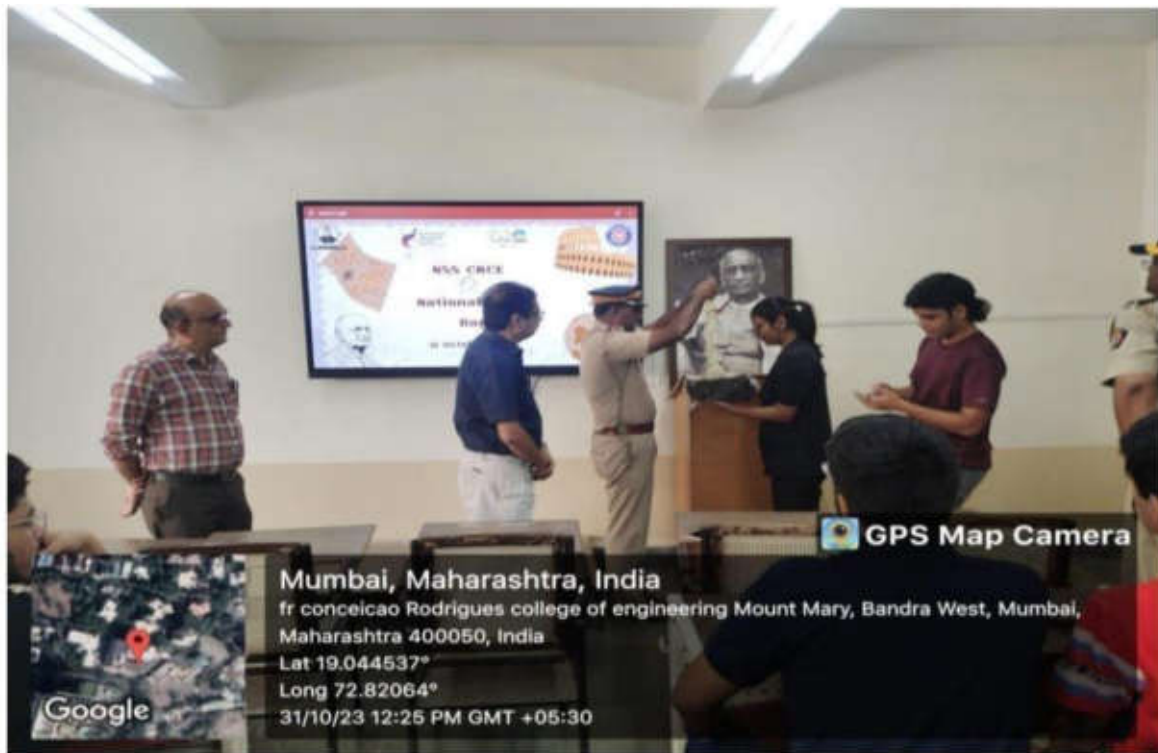
Dean Sudhakar Sir graced the event with his presence, adding prestige to the occasion. His support and attendance underscored the importance of such initiatives in the college community. The quiz winners were awarded with coupons as tokens of appreciation. The initiative aimed not only at imparting knowledge but also at recognizing and rewarding the enthusiasm of the participants.





Announcement to the Program:







**FR.CONCEICAORODRIGUESCOLLEGE OFENGINEERING**  
**Fr.AgnelAshram,Bandstand,Bandra(W),Mumbai-400050**



**IIC-FrCRCE**

**The following is the attendancesheet of students who participated in the event.**

<b>NAME</b>	<b>BRANCH</b>	<b>ROLLNO</b>
ShreyaVaibhaoJoshi	COMPS	9905
NagpurkarNiraj Manohar	ECS	9843
Ronak Raut	ECS	9857
MansiChache	COMPS	9949
ShreyaShridharGhorpade	COMPS	9898
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RatanSingh	ECS	9511
KrishnaSoni	ECS	9512
PrathmeshMagar	MECH	9699
ShubhamGhadigaonkar	COMPS	9606
AarushWasnik	ECS	9517
KushAmbekar	ECS	9463
AdkhaleShubhamSantosh	COMPS	10163
AgaskarKunalRajesh	COMPS	10164
AlozMichelleAjit	COMPS	10165
AngelaMaryPromod	COMPS	10166
AnsariKhizerZiaurrehman	COMPS	10167
ArpanjootKaur	COMPS	10168
Bangotra Vishesh	COMPS	10169
BenegalRoganRajan	COMPS	10170
BhamareVishakhaDivakar	COMPS	10171
BirjieSiddhi Divakar	COMPS	10172
CastelinoLizaGlanisha	COMPS	10173
ChoudhariSwayamSantosh	COMPS	10174
DabreoAditya Thomas	COMPS	10175
DalviHarshShailesh	COMPS	10176
D'CostaSeanneRemmy	COMPS	10177
DesaiOmkarSuhas	COMPS	10178
DiasShane Savio	COMPS	10179
DmelloPreetVanil	COMPS	10180
DmelloSereneClement	COMPS	10181
D'SaDarren Ronie	COMPS	10182
DsilvaNigelMorris	COMPS	10183
DsouzaJustinEustace	COMPS	10184
FaberNeilGladson	COMPS	10185
FernandesRomeiroMark	COMPS	10186
GomesAchilleArnold	COMPS	10187
JaiswalBhoomiAjay	COMPS	10188
JambleJacellSagar	COMPS	10189
JathanChaitanyaRaghunath	COMPS	10190
JeswinChacko	COMPS	10191
KalgutkarSoham Santosh	COMPS	10192



Kaur Arshdeep	FR.CONCEICA RODRIGUES COLLEGE OF ENGINEERING	10193
Khan Arman Zubair Ahmed	En. Agnel Ashram, Bandstand, Bandra (W) Mumbai - 400050	10194
Mishra Anshu Mustafa	COMPS	10195
Lopes Chris Rojars	COMPS	10196
Mahimwala Aliqyaan Mustafa	COMPS	10197
Mathew Sunil	COMPS	10198
Mehta Mayank Harshit	COMPS	10199
Mir Mohammad Umer	COMPS	10200
Mishra Shreya Manasa	COMPS	10201
Nadar Reniyas Kanagaraj	COMPS	10202
Nadar Vashni Sundarasekar	COMPS	10203
Nambiar Aditya Sureshkumar	COMPS	10204
Paul Russel Daniel	COMPS	10205
Nile Gaurav Rajesh	COMPS	10206
Nunes Rhys Vijay	COMPS	10207
Pandit Parth	COMPS	10208
Pathak Sumeet Vishwajeet	COMPS	10209
Pati Amrita Amalkumar	COMPS	10210
Patil Hruday Vishal	COMPS	10211
Patil Smit Vijay	COMPS	10212
Pawar Piyush Avinash	COMPS	10213
Pereira Nick Barrington	COMPS	10214
Rodrigues Sinon Christopher	COMPS	10215
Rosario Bryce Crossley	COMPS	10216
Satina Varghese	COMPS	10217
Satpute Ankit Pandit	COMPS	10218
Satra Mokshil Dhirajlal	COMPS	10219
Sequeira Jack Hadlie	COMPS	10220
Shetty Shravya Chandrashekhar	COMPS	10221
Sinha Alox Sachindra	COMPS	10222
Soares Gavin Udaya	COMPS	10223
Thakur Eeshani Rajesh	COMPS	10224
Thomma Adrian Johnson	COMPS	10225



## MASTERCHEFCOMPETITION

**Date:** -16th October2023

**Time:** -10:00AM to10:00PM

**Place:** -Fr. ConceicaoRodriguesCollegeofEngineering

**Platform:** -Offline

### **Introduction:**

TheNationalServiceScheme(NSS)CouncilofFr.ConceicaoRodriguesCollegeofEngineering successfully organized a vibrant and exhilarating MasterChef competition on October 16th, 2023, showcasing the culinary talents of our students. The students of our college as well as the NSS volunteers actively participated in this MasterChef event. The event commenced in the morning when our NSS volunteers gathered together to decorate the cooking area. They ensured that every participant have a comfortable and spacious place to cook. Our hardworking NSS volunteers ensured that all the arrangements were done before the start of theevent. Theparticipantsweregiventheneccessaryitemsforcookingsuchasvegetables,paer platesandglasses,icecubesforMojito,etcandtheyweretoldtobringrestoftheitemsoftheir choice from their home.

### **Objectives:**

This event aimed to embark on a charitable mission of providing sustenance to orphanage children. It also served as a platform for raising awareness about the significance of food festivals and global nutrition and celebrated culinary diversity.

### **Activitiesandcontribution:**

Theeventwasagrandsuccess,featuringthreeroundsthatchallengedparticipants' creativity, skills, and teamwork.

1. MojitoRound:

The competition kicked off with the refreshing Mojito round, where participants crafted innovativemojitorecipes.Thisround notonly testedtheirmixology skills but also their ability to think on their feet. The atmosphere was filled with excitement and anticipation as the participants presented their unique mojito concoctions.



2. Pizza Round: **ST. AGNEL'S COLLEGE OF ENGINEERING**

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

In these rounds, participants put their pizza-making abilities to the test. Armed with various ingredients, they demonstrated their culinary expertise by creating mouthwatering pizzas. The aroma of freshly baked pizzas filled the air, creating a delightful ambiance.



**IIC CRCE**

3. Innovation Round:

The final round was to test the innovation skills that was present in our participants. This round allowed participants to unleash their creativity as they prepared dishes of their choice. This round showcased a diverse range of cuisines, from traditional to exotic, reflecting the participants' diverse culinary backgrounds and interests. The level of innovation and presentation in this round was truly commendable.

The whole cooking area was filled with an essence of aroma which attracted the college students to act as an audience. A very large number of students were attracted to our Master Chef event and that made our event a grand success.

Each round was allocated a specific time in which everyone has to cook their food and should be ready with their presentations. As soon as the cooking time got over, our judges came into play to test the foods cooked by our participants and rate them. The ratings were given on the basis of Taste, Hygiene, Presentation, Ample use of resources, and finally the explanation by the participants. These ratings helped to modify the leaderboard at the end of each round.

## Conclusion:

The Master Chef competition organized by NSS CRCE was a celebration of talent, creativity, and teamwork. It provided a platform for students to showcase their culinary prowess and learn from each other. The event was not only entertaining but also educational, encouraging students to explore the art of cooking. We extend our gratitude to everyone who contributed to the success of this event and look forward to more such engaging initiatives in the future.

The event witnessed enthusiastic participation from students across various departments. The support and encouragement from the audience added to the lively atmosphere. Program Officers and teachers graced the occasion, appreciating the participants' efforts and cheering them on throughout the competition.

A report by Armaan Shaikh, Documentation in charge.

**An Insight into the Program:**



GPS Map Camera

Mumbai, Maharashtra, India

2RVC+P5H, Mount Mary, Bandra West, Mumbai, Maharashtra 400050, India

Lat 19.044259°

Long 72.820344°

16/10/23 12:42 PM GMT +05:30

Google



GPS Map Camera

Mumbai, Maharashtra, India

2RVC+P29 Anti Social Social Club, Taj Lands End, Mount Mary, Bandra West, Mumbai, Maharashtra 400050, India

Lat 19.04417°

Long 72.820264°

16/10/23 01:12 PM GMT +05:30

Google









The following is the attendance sheet for NSS Volunteers who participated in the event.

FR. AGNEL ASHRAM, BANDSTAND, BANDRA (W), MUMBAI - 400 050



NAME	BRANCH	ROLLNO
Shreya Vaibhao Joshi	COMPS	9905
Nagpurkar Niraj Manohar	ECS	9843
Ronak Raut	ECS	9857
Mansi Chache	COMPS	9949
Shreya Shridhar Ghorpade	COMPS	9898
Andronicus Brandon Lall	COMPS	9911
Armaan Shaikh	AI-DS	10091
Ratan Singh	ECS	9511
Krishna Soni	ECS	9512
Prathmesh Magar	MECH	9699
Shubham Ghadigaonkar	COMPS	9606
Aarush Wasnik	ECS	9517
Kush Ambekar	ECS	9463



**TEDxCRCE**  
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING  
Fr. Agnel Ashram, Mundhara, Sanjivnagar, Mumbai - 400 050



## ONLINEDONATIONDRIVE

Date:September1st-10th,2023

Nameoftheevent:DonationDrive

Dateofevent:September1st,2023toSeptember10th,2023

Locationoftheevent:Fr.ConceicaoRodriguesCollegeofEngin

ering Number of Students attended: 700

Under the banner of #Communityevent,TEDxCRCE organized a heartwarming donationdrivewithin the college premisesincollaborationwiththeWishingWellNGO.Thiscompassionateeventwasheld from September 1st, 2023,toSeptember10th,2023,anditwitnessedanoverwhelmingresponsefrom the college community.

Our goal was to collect essential items that could bring positive change to the lives of those less fortunate. Through the generosity of students, faculty, and staff, we successfully collected more than 700 items, including household goods, books, clothing, health and hygiene products, and much more.

The students of CRCE played a pivotalroleinmakingthisdonationdrivearesoundingsuccess.Their active participation and unwavering dedication were truly commendable. Together, we demonstrated the power of unity and kindness within our college community.

The collected items were donated to the Wishing Well NGO, further extending our reachandimpact beyond the campus. This event served as a shining example of how a collective effort can make a meaningful difference in the lives of those

in need. It showcased the spirit of empathyandgenerosity that defines our college

community, leaving a lasting legacy of compassion and care.



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



In conclusion, the Donation Drive held within our college campus was a remarkable success,

highlighting the power of compassion and generosity. It warmed hearts and made a significant impact, not only within our college but also in the larger community.

**We extend our heartfelt gratitude to everyone who played a part in this noble endeavour. To our Director, Rev. Fr. Valerian D'Souza, who provided unwavering support, our Principal, Dr. Surendra Rathod, whose leadership inspired us, and our Dean of Student Affairs, Dr. D.S.S. Sudhakar, who ensured the smooth execution of the event – we thank you for your invaluable contributions.**

**We also express our deep appreciation to our dedicated Teachers in-charge, Prof. Monali Shetty and Prof. Prachi Patil, for their tireless efforts in guiding and motivating us throughout the Donation Drive.**



The success of this event is a testament to the kindness and Sharing within our college community. We look forward to continuing our journey of making a positive impact on society, one act of kindness at a time. Thank you to all who participated and supported our cause, spreading happiness and hope to those in need.





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## SWACCHATA HI SEVA CAMPAIGN

**Date:** - 1st October 2023

**Time:** - 10:00 AM to 11:00 AM

**Place:** - Dandekar road, Khar Danda, Khar (W)

**Platform:** - Offline

### **Introduction:**

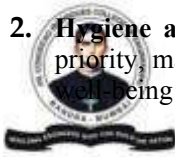
The National Service Scheme (NSS) Council of Fr. Conceicao Rodrigues College of Engineering successfully organized a campaign for Swachh Bharat Abhiyan. The "SWACCHATAHI SEVA CAMPAIGN" was carried out with the theme "Garbage Free India," reflecting our commitment to contributing to the broader vision of a cleaner and greener India. The NSS volunteers from Fr. CRCE actively participated in this campaign, demonstrating their dedication to the cause of cleanliness and hygiene.

### **Objectives:**

The objective of this campaign was To clean the roadsides, ensure the cleanliness of the footpaths in the designated area, and promote hygiene and safety among the volunteers by providing masks and hand gloves. The officials ensured the well-being and motivation of the volunteers by providing refreshments during the campaign.

### **Activities and contribution:**

- 1. Clean-up Drive:** The NSS volunteers gathered at the designated location promptly at 10 AM, equipped with brooms, dustpans, and garbage bags. They worked tirelessly to clean the roadsides and footpaths. The commitment and enthusiasm of the volunteers were commendable, resulting in a significant improvement in the cleanliness of the area.



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2. **Hygiene and Safety Measures:** Keeping the safety and health of the volunteers as a top priority, masks and hand gloves were provided to all participants. This not only ensured their well-being but also served as an example of responsible and hygienic volunteering.
3. **Wall Painting:** Alongside the clean-up drive, the volunteers engaged in creative wall painting. They transformed the side walls of Dandekar Road with vibrant and inspiring artwork. The paintings not only added aesthetic value to the area but also conveyed the message of cleanliness and environmental conservation.
4. **Refreshments:** To keep the volunteers energized and motivated, water and snacks were distributed. This thoughtful gesture helped sustain the enthusiasm of the volunteers throughout the campaign.

## Conclusion:

The campaign received a positive response from the local community. Residents and shopkeepers in the area appreciated our efforts and joined in to support the cause. This collaboration with the local community is vital for the sustainability of the Swachh Bharat Abhiyan's goals.

A report by Armaan Shaikh, Documentation in charge.



# An Insight into the Program:





GPS Map Camera



Mumbai, Maharashtra, India  
3RFF+V6X, Pyari Nagar, Chum Village, Danda, Pali Hill, Mumbai,  
Maharashtra 400052, India  
Lat 19.074676°  
Long 72.823054°  
01/10/23 10:35 AM GMT +05:30



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



**The following is the attendance sheet for NSS Volunteers who attended the event.**

NAME	BRANCH	ROLL NO
Pearl Dmonte	COMPS	9887
Shreya Vaibhao Joshi	COMPS	9905
Nagpurkar Niraj Manohar	ECS	9843
Saket Pokale	ECS	9851
Ronak Raut	ECS	9857
Mansi Chache	COMPS	9949
Shreya Shridhar Ghorpade	COMPS	9898
Andronicus Brandon Lall	COMPS	9911
Sarisha Machado	AI-DS	10070
Armaan Shaikh	AI-DS	10091
Ratan Singh	ECS	9511
Krishna Soni	ECS	9512
Prathmesh Magar	MECH	9699
Shubham Ghadigaonkar	COMPS	9606
Aarush Wasnik	ECS	9517
Kush Ambekar	ECS	9463
Dhruvin H Barot	ECS	9116
Patil Shreeshailya Vishwasrao	ECS	9147
Amey Bagwe	COMPS	9180
Nathan Lopes	COMPS	9205
Divyansh Dalmia	COMPS	9249
Erica Mathias	COMPS	9271
Bishnu Shrestha	MECH	9346
Andre Isaac Nazareth	AI-DS	9389
Sakshee Patil	AI-DS	9393
Grace Pereira	AI-DS	9394
VRUSHTI SHAH	ECS	9420
Prachiti Patil	ECS	9146
Adarsh Gupta	COMPS	9901
Janvi Naik	COMPS	9627
Jenny William Lopes	COMPS	9618
Saloni Gaonkar	COMPS	9897
Rahul Hanmandlu Gandla	COMPS	9605
Mehta Khushi	COMPS	9978
Shaikh Mohammed Raiyan	AI-DS	10092



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Devashish Sharma	AI-DS	10093
Divyal Sanjay Patil	AI-DS	9731
Mohammed Tufail Hyderabadwala	AI-DS	10059
Anugu Vishnuvardhanreddy	ECS	9816
Steve Sequeira	ECS	9505
Jerry Jacob	ECS	9467
Anugu Navin Reddy	ECS	9815
Himanshu Palshetkar	MECH	10029
Adithya Nair	MECH	10027



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## **SEMINAR: NIRMALYA MUKTI**

**Date:** - 13<sup>th</sup> October 2023

**Time:** - 12:00 PM to 01:00 PM

**Place:** - Fr. Conceicao Rodrigues College of Engineering

**Platform:** - Offline

### **Introduction:**

The National Service Scheme (NSS) Council of Fr. Conceicao Rodrigues College of Engineering successfully organized a seminar on the topic of solid waste management. The seminar began with a keynote address by our speaker Mrs. Kalpana Andhare, an esteemed speaker in the field, who emphasized the importance of cleanliness in our surrounding. This was followed by several engaging presentations covering topics such as pet ownership, ethical treatment of animals in agriculture, and the role of legislation in animal protection. The speaker shared compelling real-life stories and statistics highlighting the challenges animals face in various environments. The event commenced with an inaugural address, welcoming our speaker, Mrs. Kalpana Andhare as the speaker and Mrs. Nirmala as a demonstrator, program officers, and NSS Volunteers. Mrs. Kalpana Andhare as the speaker and Mrs. Nirmala took the stage for an exclusive event and gave a wonderful speech on the revolutionary Magic Basket.

### **Objectives:**

The event aimed to raise awareness about the importance of Solid Waste Management among our NSS volunteers. The event fostered insightful discussions and encouraged attendees to think critically about waste management issues. Participants had the chance to ask questions, allowing for a deeper understanding of cleanliness-related topics.

### **Event Highlights:**

1. **Ideal for Small Families:** The Magic Basket caters to the unique waste disposal needs of individual families, providing an efficient solution for households with 1 - 5 members.



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2. **Up to 1 kg Waste Capacity:** Tailored to handle a maximum of 1 kg of waste, the Magic Basket Is designed to streamline waste management for smaller households.
- 3.
4. **Educational Workshop:** Nirmala ma'am conducted an engaging workshop, imparting Valuable knowledge and practical tips for integrating the magic basket into daily routine.

## Conclusion:

The seminar on Waste Management, featuring Mrs. Kalpana Andhare as the speaker and Mrs. Nirmala as a demonstrator, was a resounding success. It not only educated our NSS volunteers about the significance of waste management but also inspired them to become active agents of change. The NSS Council at Fr. CRCE College remains committed to organizing such informative and impactful seminars in the future to promote a cleaner and healthier environment.

A report by Armaan Shaikh, Documentation in charge.

## An Insight into the Program:





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



The following is the attendance sheet for NSS Volunteers who attended the event.

NAME	BRANCH	ROLL NO
Shreya Vaibhao Joshi	COMPS	9905
Nagpurkar Niraj Manohar	ECS	9843
Ronak Raut	ECS	9857
Mansi Chache	COMPS	9949
Shreya Shridhar Ghorpade	COMPS	9898
Andronicus Brandon Lall	COMPS	9911
Armaan Shaikh	AI-DS	10091
Ratan Singh	ECS	9511
Krishna Soni	ECS	9512
Prathmesh Magar	MECH	9699
Shubham Ghadigaonkar	COMPS	9606
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Kush Ambekar	ECS	9463
Dhruvin H Barot	ECS	9116
Patil Shreeshailya Vishwasrao	ECS	9147
Amey Bagwe	COMPS	9180
Nathan Lopes	COMPS	9205
Divyansh Dalmia	COMPS	9249
Erica Mathias	COMPS	9271
Bishnu Shrestha	MECH	9346
Andre Isaac Nazareth	AI-DS	9389
Sakshee Patil	AI-DS	9393
Grace Pereira	AI-DS	9394
VRUSHTI SHAH	ECS	9420
Prachiti Patil	ECS	9146
Royce Dmello	COMPS	9533
Darsh Virani	COMPS	9648
Janvi Naik	COMPS	9627
Jenny Lopes	COMPS	9618
Simona Rumao	COMPS	9765
Crystal Fernandes	COMPS	9539
Nimish Patil	COMPS	9565
Anuf Shaikh	COMPS	9639
Praful Bharadiya	AI-DS	9692
Shivprasad Premarajan	AI-DS	9696
Nicole Mascharenhas	AI-DS	9724
Divyal Patil	AI-DS	9731





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Mitesh Sawant	AI-DS	10089
Vatsal Shah	AI-DS	10090
Raiyan Shaikh	AI-DS	10092
Samarth Shetty	AI-DS	10094