Shri Shamrao Patil (Yadravkar) Educational & Charitable Trust's

SHARAD INSTITUTE OF TECHNOLOGY COLLEGE OF ENGINEERING, YADRAV

AN AUTONOMOUS INSTITUTE

NBA Accredited Programmes | NAAC 'A' Grade Institute | An ISO 9001 : 2015 Certified Institute

INNOVATION 2k23

On 1st April, 2023

A National Level Technical Event

In Association With ISTE Student Chapter

Computer Science and Engineering, Artificial Intelligence & Data Science

Name of Event :

1) Project Competition

Rules:
1. Max 4 participants per project are allowed.
2. Time limit: 6 + 2 Minutes.
3. Synopsis hard copy should be submitted after presenting project.
4. Judges' decision will be final.

Faculty Coordinator:
Mrs. P.S.Shinde : 9765763271
Mrs. K.M.Tamboli : 9921157515
Student Coordinator:
Durga Chudrungar: 8767244047
Prerana Patil : 8626387690

2) Code Geek

Rules:
1. Two problem statements will be provided to the participant.
2. Participants can do the coding in any programming language-C, C++, Java, Python.
3. Participant who will provide optimized solution will be the winner.

Faculty Coordinator:
Dr. S.B.Gurav : 9890302955
Mrs.A.P.Chougule: 9850154871
Student Coordinator:
Hrishikesh Renavle: 8788384062
Atharv Deshmukh : 9284494257

3) Techno Idea

Rules:
1. Maximum 2 members per group.
2. Participants need to present creative and innovative idea for project, patent etc.
3. Time limit: 4 + 2 Minutes.
4. Decision of the judges will be final.

Faculty Coordinator:
Mrs.P.D.Patil : 9923924456
Ms. K.S. Patil : 9673434801
Student Coordinator:
Sahshi Patil : 9881485075
Poonam Patil : 9130979332

Basic Sciences & Humanities

Name of Event :

1) Poster Presentation

Topics
1.Science and Technology 2.Internet of Things (IOT)
3.Mechatronics Engineering 4.Automation and Robotics Eng.
5.Women empowerment in India and its importance
6.Arudino 7.Stress Management at Work
8.Effective leadership 9.Energy harvesting

Rules
Guidelines
1. Maximum 4 Members allowed for single poster.
2. Participants should bring their material which is required for poster.
3. Presentation Time- 10 min
4. Decision of the judges will be final.
5. Relevant instructions will be given during the registration or before the event.

Faculty Coordinator :
Dr. A.A. Bagade :
9960303356
Student Coordinators:
Sayali Sachin Gounder
9665485410
Amruta Purodatt Hatam
7249495261

2)Techno Speech Competition

Topics
1. Artificial Intelligence and Employment
2. Engineering and Professional Ethics

Rules
1.Time limit 5 minutes
2.Medium English,Hindi, Marathi
3.Judging will be based on the command over speech, content,expression, articulation and vocabulary.
4. Judges' decision will be final and binding.

Faculty Coordinator :
Mrs.Smita Kore
9689643615
Student Coordinators:
Shashank Sonar
7744076115
Rohit Kumbhar
7709021925

Electronics and Computer Engineering

Name of Event :

1) Paper Presentation

Topics
1. Blockchain Technology 2. Embedded with IoT
3. Cloud Computing 4. Energy Conservation
5. Real time Speech Translation
6. Artificial Intelligence and data science

Rules:
1. Max 2 participants per paper are allowed.
2. Time limit: 6 + 2 Minutes
3. Hard copy should submitted during presentation.
4. Judges' decision will be final.

Faculty Coordinator:
Dr. S. T. Jadhav : 9767130876
Ms. B. K. Jagtap : 9307828502
Student Coordinator:
Mr. Harshwardhan Mane: 8669274881
Ms. Anushka Anil Patil: 9503741339

2) Project Competition

Rules:
1. Max 5 participants per project are allowed.
2. Time limit: 8+2 Minutes
3. Hard copy of synopsis to be submitted after presentation.
4. Judges' decision will be final.

Faculty Coordinator:
Dr. S. S. Gurav : 8999492511
Ms. M. B. Mulik : 9921560860
Student Coordinator:
Ms. Priyanka Ingawale : 9356461912
Ms. Prachiya Ravbakare : 8007307768

3) Line Follower ROBOT

Rules:
1. Max 3 Participant per team are allowed.
2. If ROBOT goes 3 Times out of track, it will be disqualified.
3. Complete the path in minimum time period to win.
4. 5 sec will be added in total time period in case of Touching/Pushing the ROBOT.
5. Judges' decision will be final.
6. Bring your own ROBOT.
7. ROBOT circuit must be visible.

Faculty Coordinator:
Ms. P.D. Ghate : 8483874868
Mr. A. S. Patil: 9923828691
Mr. A. A. Joshi : 7775865929
Student Coordinator:
Mr. Sahil Dastagir Tashildar: 7350642192
Mr. Sourabh N. Patil: 8624838119

4) Vstudio

Topics
1. Swaccha Bharat 2. Nature and Environment
3. Women Empowerment 4. The Heritage of My city
5. Azadi ka Amrit Mahotsav

Rules:
1. Max 2 Participant per team are allowed.
2. Films may be in any language or have no dialogue at all. Non-English audio must have English subtitles (and important on-screen text).
3. Ensure that all content in your film (including footage, music, images, props, etc.) is your own. Entries containing any unauthorized content will be disqualified.
4. The total runtime of the Short Film, including opening & closing credits, should strictly be a minimum of 3 minutes and a maximum of 5 minutes.

Faculty Coordinator:
Dr. A. J. Chichawale : 9970700801
Mrs. M. S. Mali : 9307202295
Student Coordinator:
Srinaddha Javale : 9075440181
Sarika G. Koli : 7248519057

Civil Engineering

Name of Event :

1) Paper Presentation

Topics
1. Waste management 2. Low cost building materials
3. Retrofitting and structural strengthening
4. Control of corrosion in marine structures.
5. Application of GIS in civil engineering.

Rules:
1. Max 2 participants per paper are allowed.
2. Time limit: 6 + 2 Minutes
3. Hard copy should submitted during presentation.
4. Judge's decision will be final.
5. All Rights are Reserved to the committee.

Faculty coordinator:
Mrs.S.A.Patil : 8551917567
Dr. V. K. Naik : 8851202287
Student Coordinator:
1.Mr. Pragat Pachore : 9370233088
2.Miss. Prajakta Chavan : 9665176933

2) Project Competition

Rules:
1. Max 5 participants per project are allowed.
2. Time limit: 8+2 Minutes
3. Hard copy of synopsis to be submitted after presentation.
4. Judges' decision will be final.

Faculty Coordinator:
Mr. A.A.Hasurkar : 9860668282
Mr. Y. S. Patil : 9970195124
Student Coordinator:
Mr.Shinde Shreyash : 9373873071
Mr.Kamble Shreyash : 9373803552

3) Field Master

ROUND 1: Quiz based on Survey (MCQ).
ROUND 2: R.L. Determination.(One change point Compulsary)
ROUND 3: Setting of instrument (Theodolite)

Rules:
1. Selection for round 2 will be based on performance in the Quiz.
2. Eligible candidate will be given entry in second round for R.L. Determination.
3. The eligible candidate from round 2 will be selected for round 3.
4. The winner will be selected having less average time of Second round & Third round with high accuracy.
5. All Rights are Reserved to the committee.

Faculty Coordinator:
Dr.R.M.Garud : 9421382622
Mr. Vinod Nejkar : 8862026840
Student Coordinator:
Mr. Atharv Madwanna : 9373711300
Mr. Hanish Khilari : 9284978947

4) CAD Master

ROUND 1: Quiz based on CAD Questions (MCQ).
ROUND 2: Actual drawing on CAD as per problem statement

Rules:
1. Only 1 participant is allowed.
2. Time limit: 30 Minutes
3. Judge's decision will be final.
4. All Rights are Reserved to the committee.

Faculty Coordinator:
Mr.S.A.Dopare : 8390578875
Mr. S.S. Yadav : 9665329539
Student Coordinator:
Miss. Koli Srradha : 7820982991
Miss. Alase Nisha : 9112295731

Electrical Engineering

Name of Event :

1) Paper Presentation

Topics
1. Recent Trends in Renewable Energy Sources
2. E-Vehicle 3.Industry 4.0
4. Advances in Energy Storage Devices
5. Recent Trends in Power Electronics 6.Industrial Automation

Rules:
1. Max 2 participants per paper are allowed.
2. Time limit: 6 + 2 Minutes
3. Hard copy of synopsis should be submitted during presentation.
4. Judges' decision will be final.

Faculty coordinator:
Mr. A. A. Suryawanshi : 9970028737
Mr. G. A. Chougule : 9665805714
Student Coordinator:
Mr. Swapnil Nikam : 7276180746
Ms. Amruta Dhokare: 718543153

2) Project Competition

Rules:
1. Max 5 participants per project are allowed.
2. Time limit: 8+2 Minutes
3. Hard copy of synopsis to be submitted after presentation.
4. Judges' decision will be final.

Faculty Coordinator:
Mr. K. H. Sheldalkar : 8149687801
Mr. A. L. Jamadar : 7385105528
Student Coordinator:
Mr. Ranvir Patil : 9067164477
Ms. Divyani Awate : 9356626298

3) Quiz Competition

Round 1 : Aptitude Test
20 Questions, 20 Minutes
Round 2 : Technical
Round 3 : Fastest Finger First (Buzzer)

Rules:
1. Max 2 participants.
2. Judges' decision will be final.
3. 20 Questions : 20 Minutes

Faculty Coordinator:
Mr. V. S. Wadkar : 9028400639
Mr. C. S. Patil : 8750053979
Student Coordinator:
Mr. Pankaj Arage : 7406987573
Mr. Swanoop V. Patil : 9373687420
Ms. Vaishnavi B. Koli : 9503571270
Ms. Ashwini P. Ghavale : 8421815746

Mechanical Engineering

Name of Event :

1) Project Competition

Rules:
1. Max 5 participants per project are allowed.
2. Time limit: 8+2 Minutes
3. Hard copy of synopsis should be submitted after presentation.
4. Judges' decision will be final.

Faculty Coordinator:
Dr. Suyog S. Patil : 9765763271
Student Coordinator:
Sanket Kinekar : 7719010734
Suraj Lal : 9404211827

2) Paper Presentation

Topics
1. Industrial Automation
2. Machine Learning for Mechanical Engineering.
3. Smart Manufacturing.
4. Advances of Renewable Energy.
5. Advances in Nanotechnology.

Rules
1. Max 2 participants per paper are allowed.
2. Time limit: 6 + 2 Minutes
3. Hard copy should be submitted during presentation.
5. Judges' decision will be final.

Faculty Coordinator:
Mr.Sujit V Kumbhar
9370749091
Student Coordinator:
Aditya Amane, Atharv Joshi
8237095508, 8788873063

3.Lathe War

Rules:
1. Complete Job development on lathe in stipulated time. (1 hours)
2. Maintain more accuracy & Surface finish.
3. Single participant a single job.
4. Apron or shoes compulsory.
5. Our college is providing Raw material and job drawing for given component.

Faculty Coordinator:
Mr. S. S. Jugale
9518370043
Student Coordinator:
Prasit Khunage, Prathamesh Jadhav
8013481008, 9921440855

4.Draft mania

Rounds
1. Quiz : 30 questions 30 minutes.
2. 3D Cad Modeling : 1 hour time limit.

Faculty Coordinator:
Mr. S. P. Udgave
9028793599
Student Coordinator:
Omkar Chougule and Samir Momin.
7058410215, 7620243298.

Mechatronics and Automation & Robotics

Name of Event :

1) Poster Presentation

Topics
1. 3D Printing 2. Electric Hybrid Vehicle 3. Industrial Automation
4. Smart materials and structures
5. IOT Based Applications in Automation/Robotics
6. Automotive Mechatronics
7. AI and ML applications in Robotics
8. Embedded motion control and path planning

Rules:
The poster must include the following:
- Title
- Names of author(s) and affiliated organization(s)
- Abstract
- Introduction (in graphical or image format)
- Scope and Purpose
- Methods (tables, graphs, and pictures)
- Results and Discussions (images, tables, graphs, charts)
- Conclusions

Guidelines
1) Maximum Two Members allowed for a single poster
2) Participants can bring the material which is required for the poster
3) Time Limit: 5 min + 2 minutes for queries.
4) The results will be declared after the competition is over.
5) Decision of the judges will be final.

Faculty Coordinator:
Mr. S. V. Patel : 9595626552
Dr. S. Nuny : 7387966651
Student Coordinator:
Sanket Dhekale : 9890638650
Gaurav Kanade : 9595955707

2) Paper Presentation

Topics
1. Sensors and Actuators 3. Micro-Fabrication
4. Electric Hybrid Vehicles 5. Industrial Automation
6. Robotics system and control
7. IOT Based Applications in Automation/Robotics
8. Automotive Mechatronics 9. AI and ML application in Robotics

The poster must include the following:
Paper Presentation Guidelines
- Title
- Names of author(s) and affiliated organization(s)
- Abstract
- Introduction
- Scope and Novelty of the paper
- Materials and Methods
- Results and Discussions (tables, graphs, charts)
- Conclusions

Guidelines
1. Max 2 participants per paper are allowed.
2. Time Limit: 8 min + 2 minutes for queries.
3. Hard copy should be submitted during registration.
4. Judge's decision will be final.

Faculty Coordinator:
Mr. A.A. Desai : 9767827565
Mr. Y.Y. Kamble : 9975052995
Student Coordinator:
Tejaswa Khan Shirgave : 9420911795
Samruda Patel : 7387876100

3) Sherlock Event

Event Rule
1. One person cannot be a part of multiple teams.
2. Max 2 participants are allowed.
3. No extra time will be allotted for solving the cases.
4. Event Heads can modify the rules and regulations at any given time and without prior notice.

Round 1 : Multiple short cases (MCQ question)
Round 2 : Single murder mystery case
Eliminate criteria
Teams will be short-listed from round 1 for round 2

Faculty Coordinator:
Dr. K. Sahu : 7588315555
Mr. S.S. Sapate : 7588697681
Student Coordinator:
Rohan Chougule : 9156855055
Sakshi Kagal : 9579613950

ENTRY FEE
RS.100/-
Per head for all events

Send the abstract of paper to : innovation2k2023@gmail.com

Prizes Worth More than Rs. 2,00,000/-

Registration QR

Payment QR

Address for Correspondence
Sharad Institute of Technology, College of Engineering
Yadrav (Ichalkaranji)-416121 Tal.:Shirol, Dist.: Kolhapur
Ph.(02322)-252796 contact@sitcoe.org.in www.sitcoe.ac.in

Mrs.Sharda Salunkhe
Event Convenor

Dr.Sanjay A.Khot
Principal

Hon.Shri.Anil.A.Bagane
Executive Director

Hon.Shri.Rajendra S.Patil (Yadravkar)
Chairman

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Report

One Day National Level Technical Event "Innovation 2k23" on 1st April 2023

In Associated with

The event was held on 1st April 2023(Saturday).For the Inaugural Function Chief guest Dr. Samarth Raut from IIT Dharwad. Karnataka is invited and he arrives at the premises of SITCOE, Yadav at 10:00 am. They were offered a warm welcome.

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Event Agenda

National Level Technical Event 2K23

Innovation 2K23

Agenda-01-04-2023

Welcome by Mr.C.D. Patil ----------05minuets

Lightening of Lamp and Sarswati Photo Poojan----------05minutes

Introduction of Chief Guest----------05minutes

Felicitation of Guest----------05minutes

Event Information by Ms.S.Y.Salunkhe----------05minutes

Speech by Hon. Dr.S.A.Khot----------10minutes

Speech by Hon.Exe.Dir. Anil A. Bagane----------10minutes

Speech by Hon. Guest ----------10minutes

Vote of thanks by Mrs. Patil Sushmita A. ---------- --05minutes

ωωωωωωωω

The lighting of the lamp by Chief Guest Dr. Samarth Raut with Hon' Exe.Director Shri Anil Bagane and Hon' Principal Dr.S.A. Khot

The inaugural function started at 10:30 am. On behalf of Sharad Institute of Technology College of Engineering, Yadrav, Mr. C D. Patil (Assistant Prof.Electrical Dept.) welcomed Chief Guest Dr. Samarth Raut, Executive Director Shri Anil A. Bagane, Principal Dr. Sanjay A Khot, All Dean's, All Head of the Department, Teaching and Non-Teaching Faculty Members and Participants from Various Reputed Colleges.

Mr.A.S.N.Hussainy (Assistant Professor, Mechanical Department) gave Briefed Introduction to Chief Guest Dr. Samarth Raut IIT Dharwad. Karnataka He briefed about his profile of having worked as an Associate Professor at A IIT Dharwad. Karnataka

Felicitation of Chief Guest Dr.Samarth Raut by Hon'ble Executive Director Sir

Ms.S.Y.Salunkhe (Event Conver and Assistant Professor, E and C dept.,) Gave a brief Introduction about the Event Details

The objective of the Event-The objective of Innovation 2k23 was to bring the students of various streams from different institutes on a common platform where they were encouraged to share knowledge and innovative ideas. It also aimed to exhibit the talents and skills of aspiring Engineers both in Technical and Non-technical ways.

Event Details and Success- All department conducts 18 technical events in Innovation 2k23. This year Innovation 2k23 received an overwhelming response in all its events and was a magnificent success. 2500 pulse students from various engineering colleges participated.

Innovation 2k23 includes various events like

- Paper presentation
- Poster Presentation
- Technical Idea
- Project Competition

A total of 23 different events were conducted by all department

Honorable Principal Dr.S.A.khot motivated the students to be event participants and told them to show their spark in these technical event platforms. Also told their students to improve their technical and communication, presentation skill and wished them a grand success

The honorable Executive Director also gave importance to technical event and encourage the students regarding technical participation and exhibits the skills

Dr. Samarth Raut, Chief Guest of the event addressed the students that, the technical event is a suitable platform for the dynamic development of Budding Students. Also to promote technical awareness, development of skills, reading habits, research abilities, Confidence, technical skills,

and self-learning awareness among the students also make the student aware of current development in their field.

A vote of thanks was offered by **Mrs. Patil Sushmita** Sir (Assistant Professor, Civil Department), He thanked all the dignitaries on the dice and appreciated the continuous and sincere efforts taken by Students, Teaching, and Non-Teaching Faculty.

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Glimpses of Event

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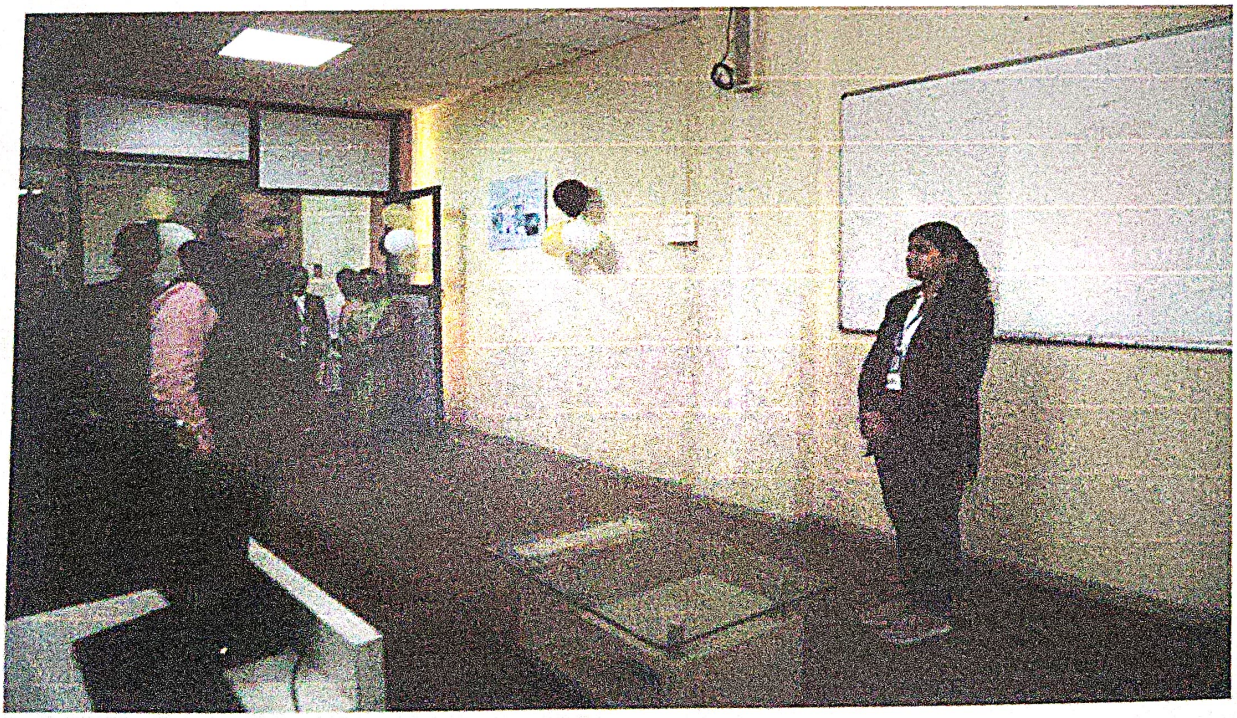

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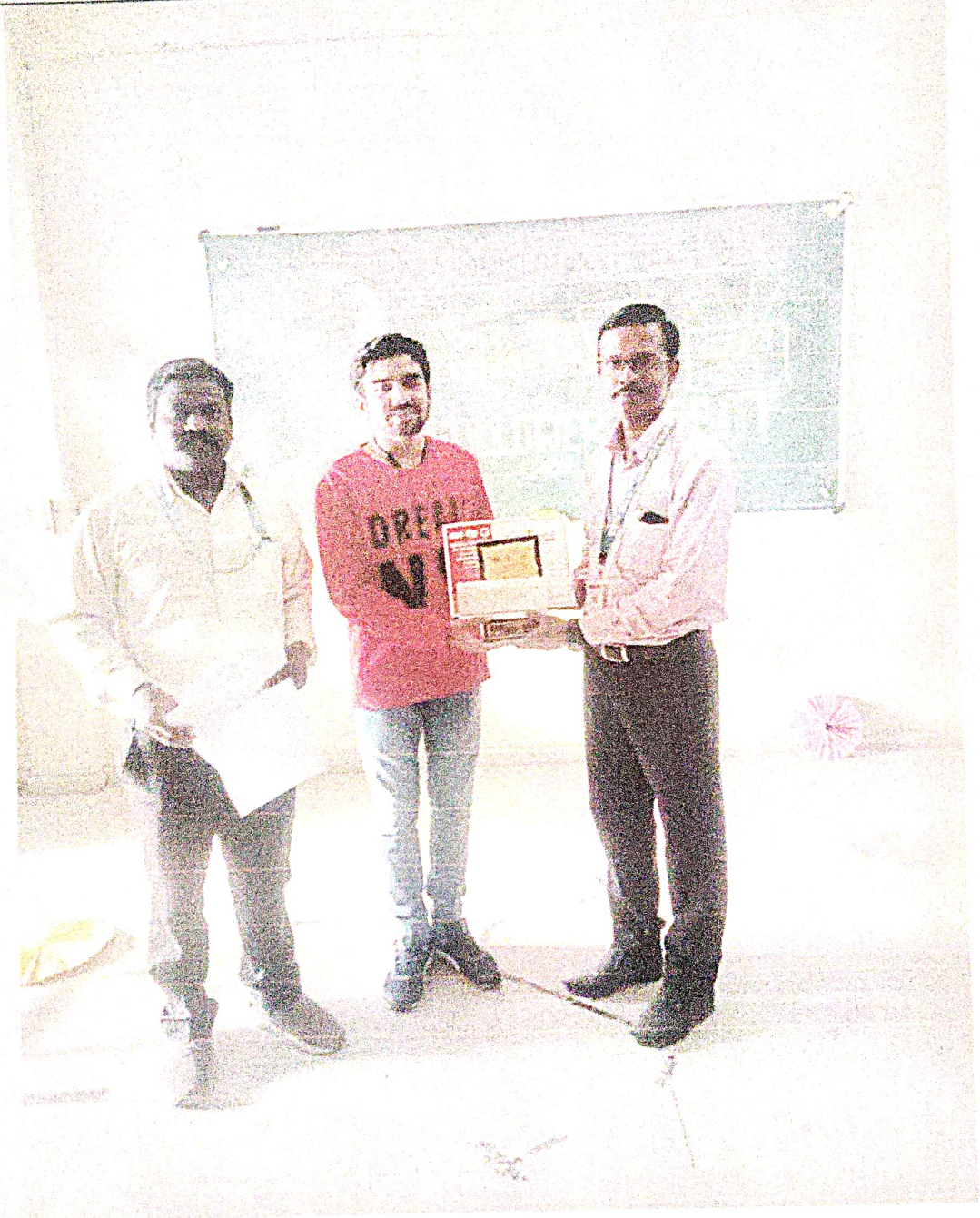

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