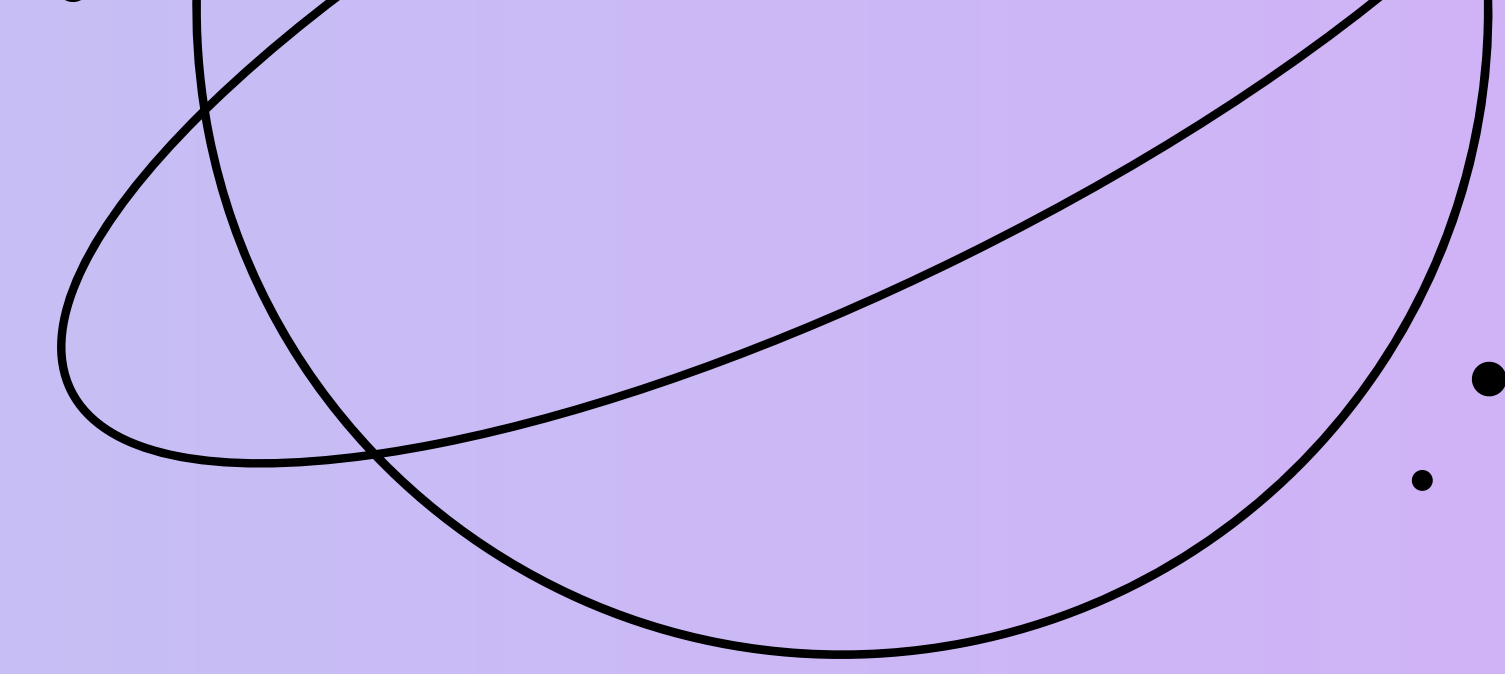


Pune Institute Of Computer Technology
Department of Information Technology

MAGAZINE
2023-24 ISSUE 1



QuickLinks

VISION MISSION

DEPARTMENT ACTIVITIES

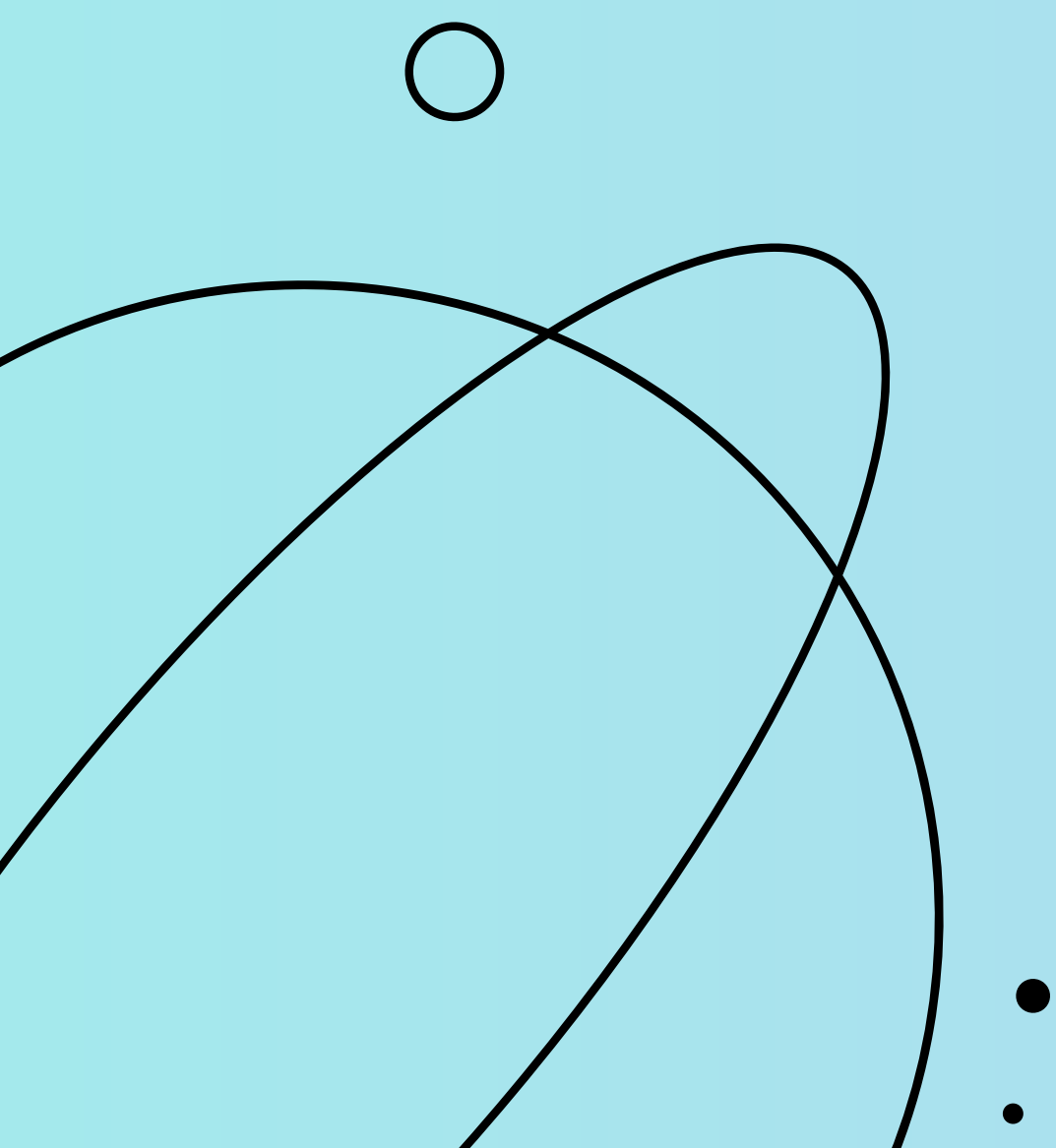
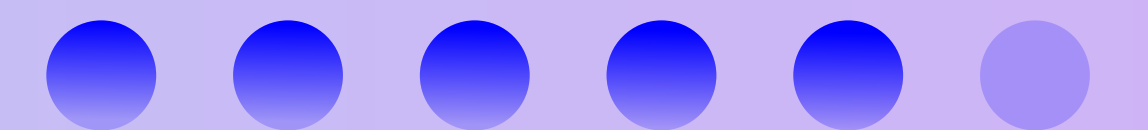
ARTICLE

SPORTS

PLACEMENTS

RESULTS

TEAM



Institute Vision and Mission

Vision

Pune Institute of Computer Technology aspires to be the leader in Higher technical education and research of International repute.

Mission

To be the leading and the most sought after institute of education and research in emerging engineering and technology disciplines that attract, retains and sustains gifted individuals of significant potential.

Department Vision and Mission

Vision

The department endeavors to be recognized globally as a centre of academic excellence and research in Information Technology.

Mission

To inculcate research culture among students by imparting information technology related fundamental knowledge, recent technological trends and ethics to get recognized as globally acceptable and socially responsible professionals.



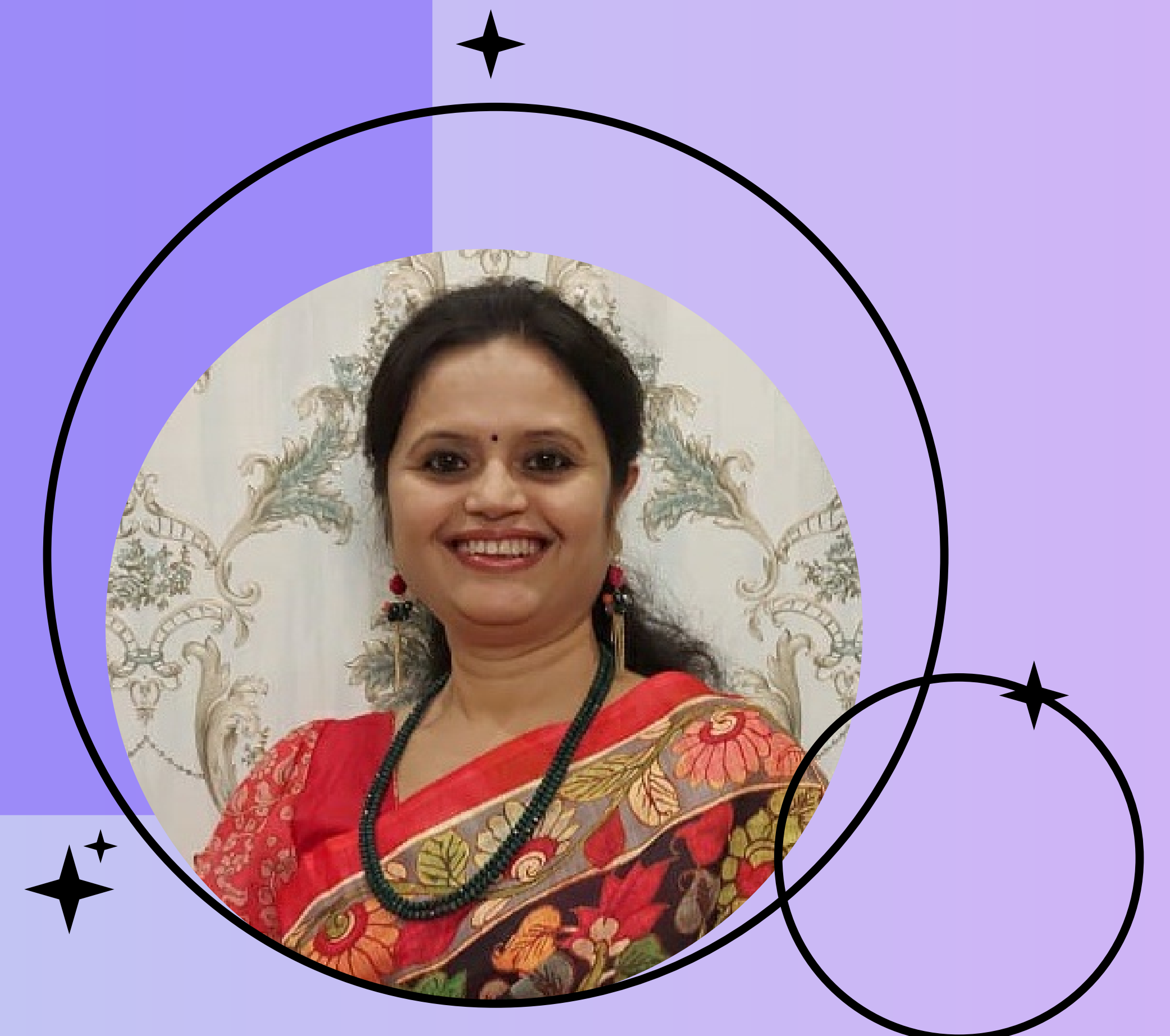
From left to right, bottom to top:

- Prof. N. P. Sapkal, Dr. S. C. Dharmadhikari, Dr. A. M Bagade, Dr. A. S. Ghotkar, Dr. P. T. Kulkarni, Dr. S. T. Gandhe, Dr. S. B. Deshmukh, Dr. K. A. Sultanpure, Prof. S. S. Pande, Prof. A. A. Chavan
- Prof. R.S. Malpani, Ms. S G Patil, Ms. B M Deshpande, Prof. U A Joglekar, Ms. A M Kulkani, Prof. K Y digholkar, Prof D.S.Sapkal, Prof. S A Jakhete, Dr. A V Yenikar, Prof. R A Karnavat
- Prof. S. R. Hiray, Ms. P P Verma, Prof. D P Salapurkar, Ms. S L Rane, Prof. R D Kapdi, Prof. P.S.Shinde, Prof. A A Patil, Prof. J.H.Jadhav, Prof. A.S. Kadam, Dr. J.B. Jagdale, Dr. Emmanuel M.
- Mr. B.S.Jadhav, Mr. R.Rao, Mr. S.R. Shelar, Mr. M.S. Shegokar, Prof. N.V.Buradkar, Prof. T.A.Rane, Prof. M.R.Khodaskar, Prof. J.K.Kanble, Prof. H.J.Jadhve, Prof. S.S.Shinde, Prof. G.S.Pise,
- Prof. A.C.Karve, Prof. V.R.Jaiswal, Prof. S.R.Warhade, Prof. R.B.Murumkar, Dr. A.A.Kadam



HEAD OF DEPARTMENT, IT

WITH GREAT PLEASURE WE PRESENT THE NEWSLETTER 2023- 24-1ST ISSUE FOR THE DEPARTMENT OF INFORMATION TECHNOLOGY. “KNOWLEDGE IS POWER” AND I AM PROUD OF MY FACULTY WHO ARE WELL-QUALIFIED AND KNOWLEDGEABLE ENOUGH TO CATER TO THE INTELLECTUAL INQUISITIVENESS OF OUR BRIGHT STUDENTS. THE NEWSLETTER CAN GIVE INSIGHT INTO THE IT DEPARTMENT’S ACHIEVEMENTS AND BEST PRACTICES OF THE DEPARTMENT TO ALL STAKEHOLDERS. WE THE STAFF AND STUDENTS OF THE IT DEPARTMENT WORK HARD TO ACHIEVE THE MISSION AND VISION OF THE DEPARTMENT AND THE INSTITUTE WHICH IS REFLECTED THROUGH THE VARIOUS ACTIVITIES CARRIED OUT BY THE DEPARTMENT. WE AIM TO IGNITE YOUNG MINDS TO COME UP WITH NEW IDEAS FOR PROJECTS AND RESEARCH. PICT STRONGLY BELIEVES IN THE VALUE OF EDUCATION. STUDENTS PARTICIPATE AND ACHIEVE SUCCESS IN VARIOUS NATIONAL AND INTERNATIONAL COMPETITION, HACKATHONS/ PROJECT COMPETITIONS/ RESEARCH PUBLICATIONS/PRODUCT DEVELOPMENT. I AM GLAD TO SHARE OUR STUDENTS AND STAFF’S ACHIEVEMENTS THROUGH THIS NEWSLETTER.



GG

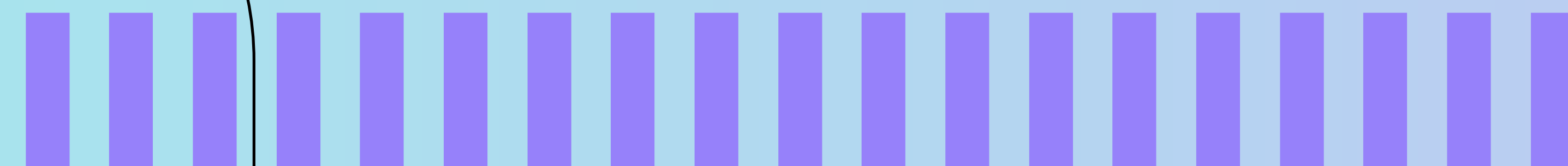
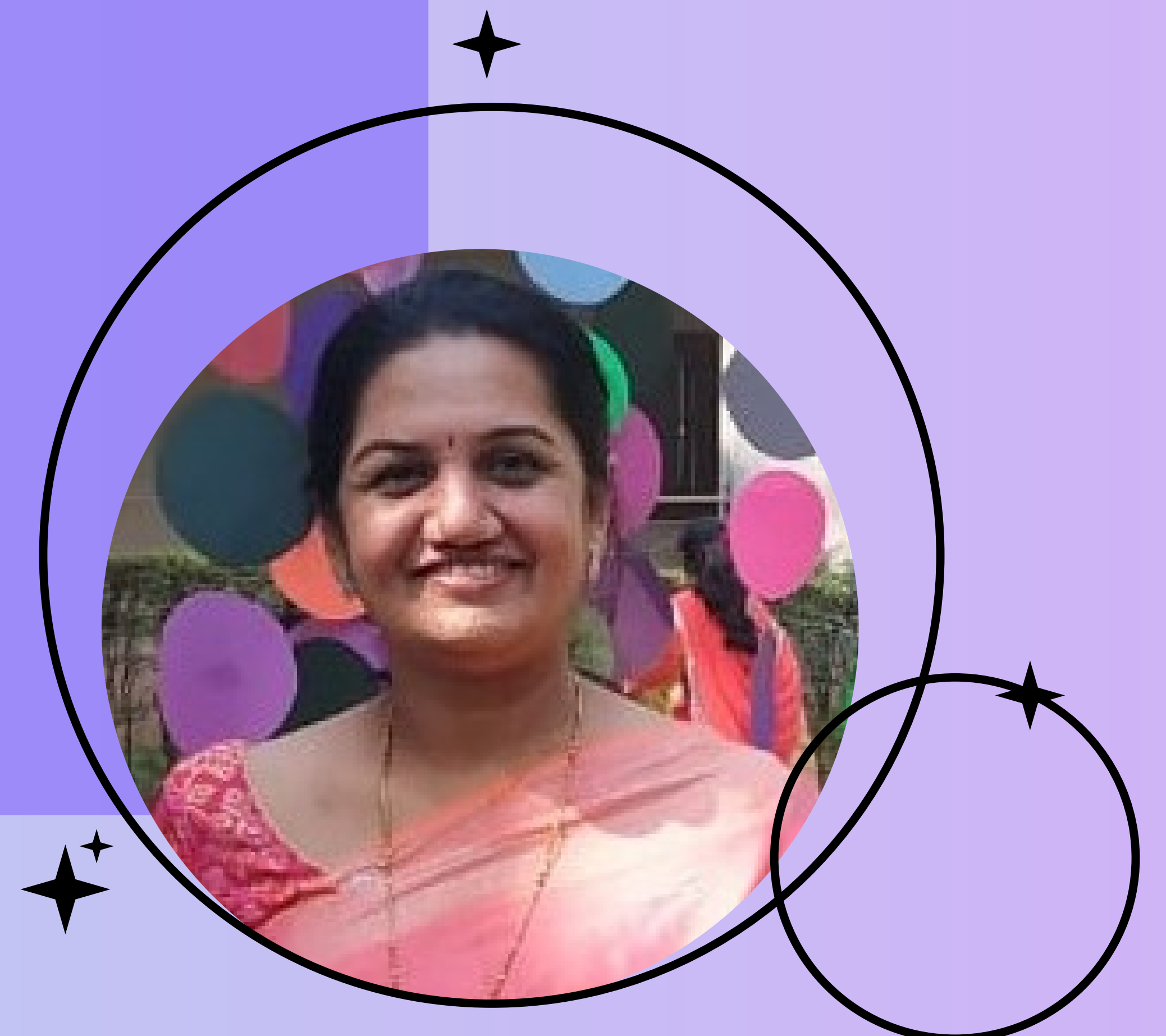
NEWSLETTER INCHARGE

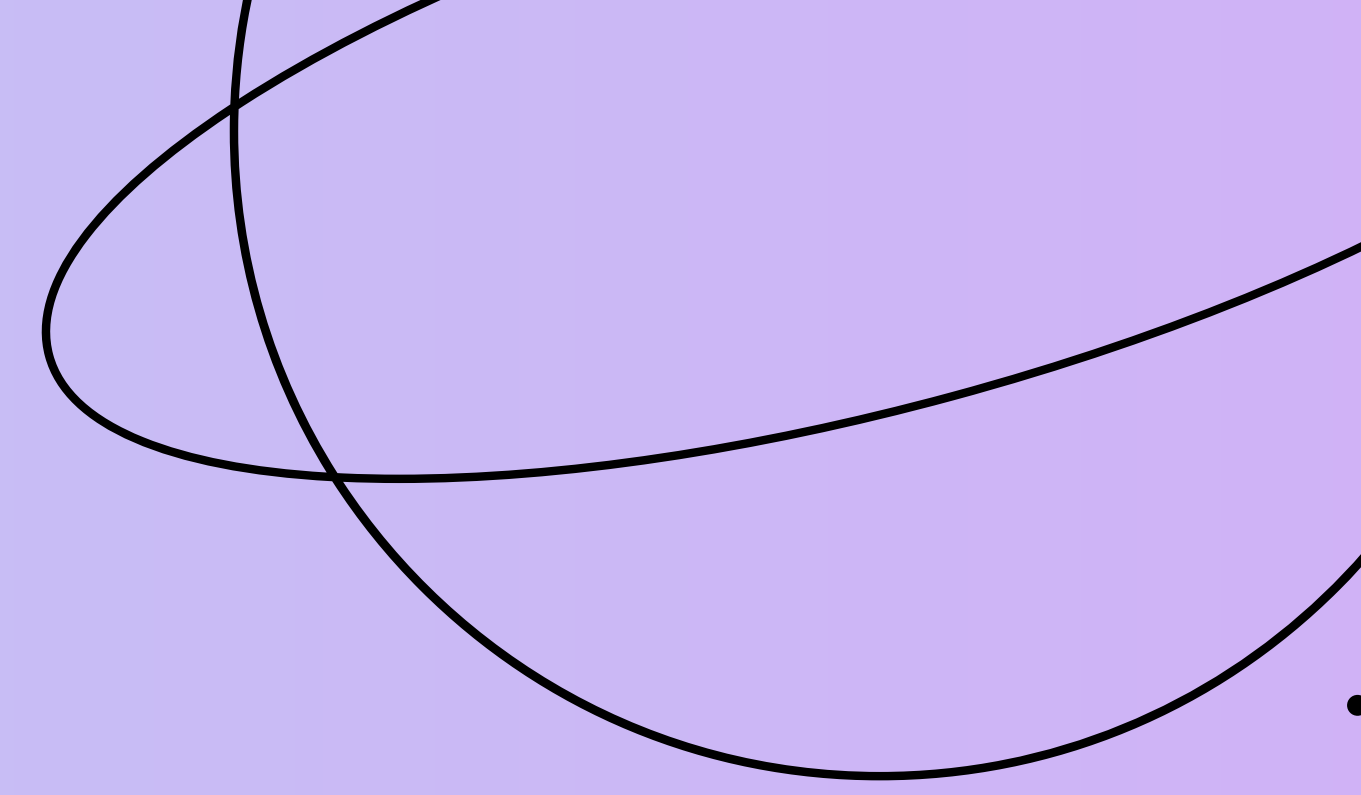
“GREAT COMMUNICATION BEGINS WITH CONNECTION.”

WE ARE USING THE MEDIUM OF THE NEWSLETTER TO PRESENT GLIMPSE OF ACTIVITIES AND THE ACHIEVEMENTS OF THE DEPARTMENT THAT WILL ONCE AGAIN WILL MAKE YOU FEEL PROUD TO BE A PART OF PICT FAMILY.

STUDENTS ARE THE BACKBONE OF ANY EDUCATIONAL INSTITUTE AND WE GOT A STRONG ONE. WE STRIVE FOR THE HOLISTIC DEVELOPMENT OF OUR STAFF AND STUDENTS.

I WOULD LIKE TO EXPRESS MY SINCERE THANKS TO OUR HEAD OF DEPARTMENT DR. A. S. GHOTKAR, FOR HER CONTINUOUS MOTIVATION, INPUT, AND SUPPORT FOR THIS NEWSLETTER ALSO I WOULD LIKE TO THANK DR. ANURADHA YENKIKAR AND MRS. SHITAL PATIL FOR THE CONTENT FOR THE MAGAZINE.





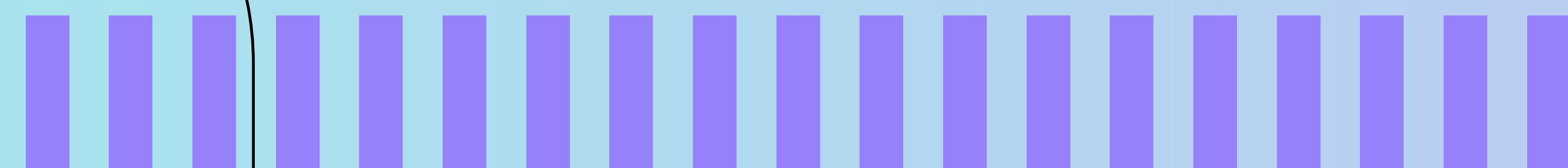
FF

HEADS

“AS PART OF THE DYNAMIC DESIGN TEAM AT OUR COLLEGE, WE EMBARKED ON AN EXCITING JOURNEY TO CREATE A VISUALLY APPEALING AND INFORMATIVE MAGAZINE FOR OUR ESTEEMED INFORMATION TECHNOLOGY DEPARTMENT. THE GOAL WAS TO SPREAD AWARENESS ABOUT THE DEPARTMENT'S OFFERINGS.

OUR NEWSLETTER IS MORE THAN JUST A BLEND OF IMAGES AND TEXT – IT'S REPRESENTATION OF THE DEPARTMENT'S STRENGTHS AND OPPORTUNITIES.

WE HOPE TO ACHIEVE AN AUDIENCE THAT IS AWARE OF OPPORTUNITIES AVAILABLE WITHIN THE IT DEPARTMENT AND MOTIVATE PEOPLE TO ACTIVELY INITIATE AND PARTICIPATE IN MORE ACTIVITIES. WE LOOK FORWARD TO FOSTERING A LIVELY EXCHANGE OF IDEAS.





DEPARTMENT ACTIVITIES

Certification Courses

Bridge Courses

Workshops, Short Term Courses, Hands-on Trainings

Value Added Programs

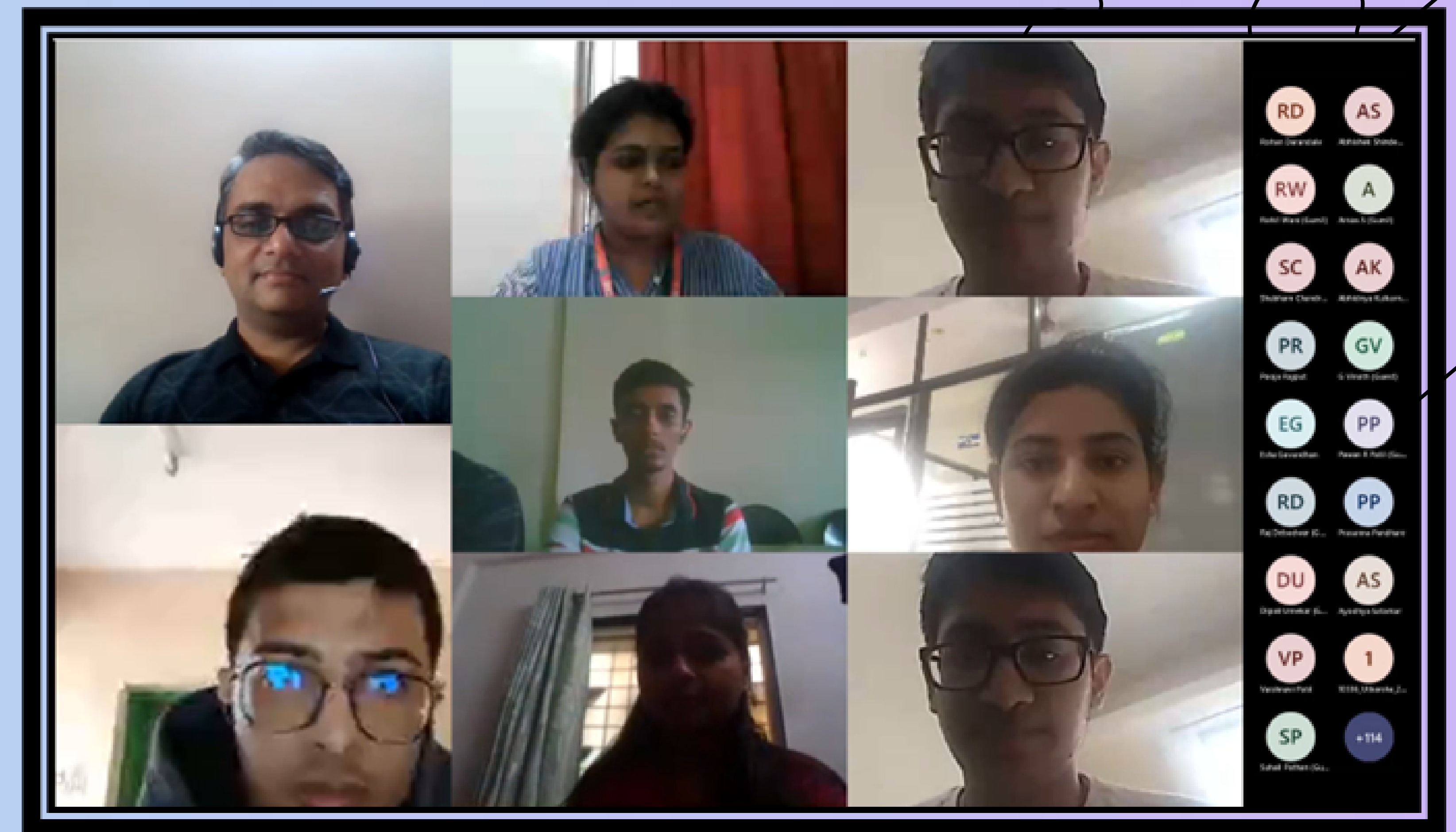


DEPARTMENT ACTIVITIES:

HOME

40 HOURS C++ BRIDGE COURSE+

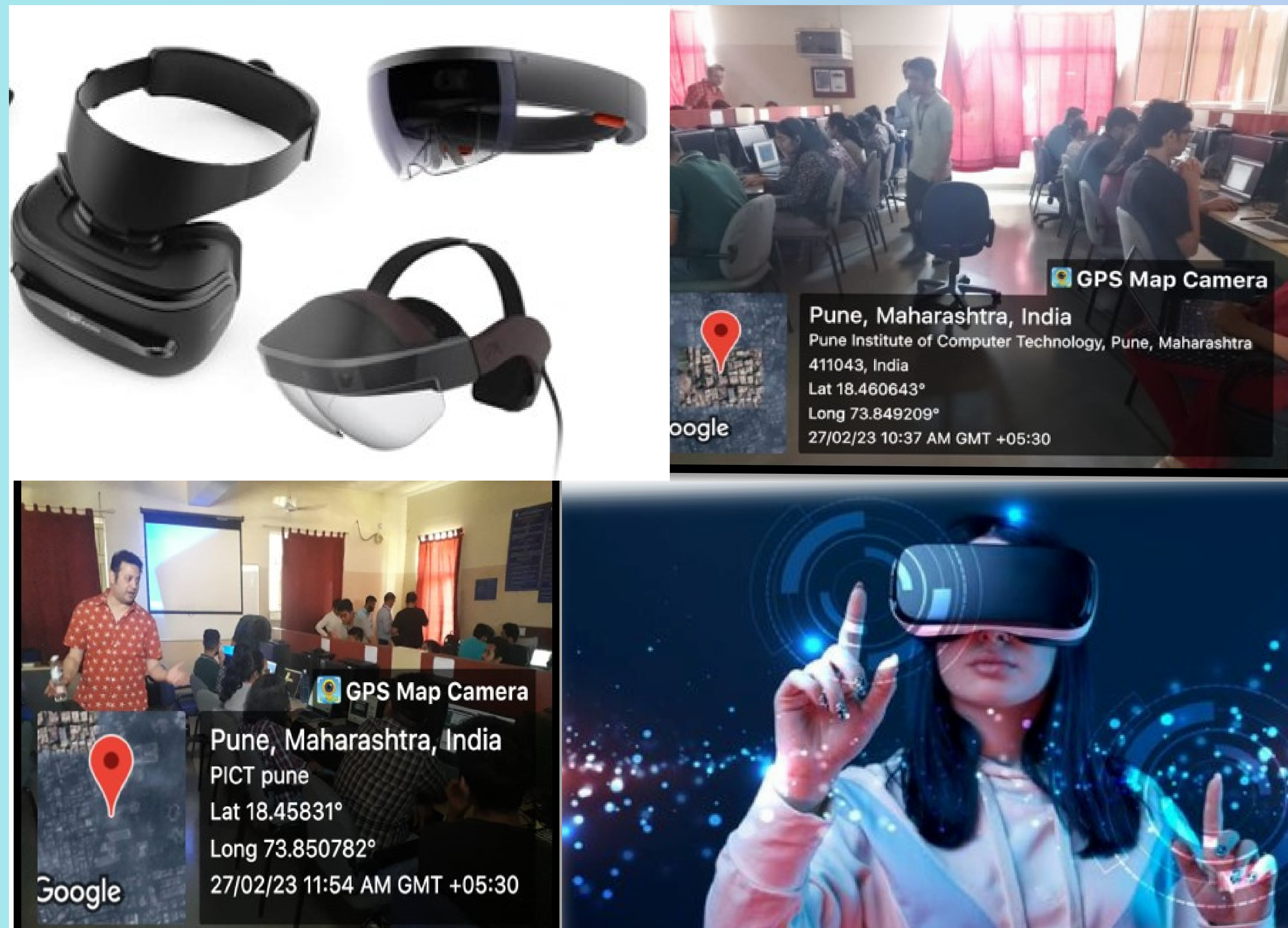
The objective of the course was to get familiar with the basic concepts of Object-oriented Programming and to build prolific code using C++ based on OOP pillars. Various industry resource persons along with PICT, IT faculties guided the participants with their knowledge.



The objective of the course was to provide the participant enough exposure to the variety of applications that can be built using ML techniques and to make students familiar with Hadoop & big data analytics

**DATA SCIENCE & BIG ATA
ANALYTICS WITH HANDS-ON
WITH OPEN-SOURCE TOOLS”**

AR/VR BY CDAC



We are in process to sign MoU with C-DAC - For Hub and Spoke Model.

The collaboration with CDAC will be for knowledge upgradation and value addition in immersive technologies.

Available Equipments :

- Oculus Quest Headset
- Google VR Cardboard
- HTC Vive VR Headset
- Desktop PCs
- GeForce GTX 32 GB RAM
- i7 CPU, 1 TB SSD HDD, Win 11
- Cost (INR): 2,19, 226

Plans for students and faculties:

Opportunities for Project-based learning via internships, seminars, projects, product development, consultancy and research projects using AR/VR concepts.

Four faculties completed 10 days certification program by C-DAC.

Five Days On Campus Training on AR/VR

Resource Persons:

Mr. Arjun Gupte and Team

Appy Monkeys Software Pvt. Ltd.

Participants : 30 (From PICT)

**INDUSTRY ALLIANCE PROGRAM ON
IN AR/VR**

ROBOT MAKING WORKSHOP



We signed MoU with JoySH for Research and Development Lab in AI, IoT and Robotics

MOU DURATION- 3 YEARS (08/09/2022 TO 07/09/2025)

Projects for next 3 years:

- Agriculture Robot for cotton cultivation automation
- Fully automated Onion transplanter
- Automation of chili, grapes, strawberry, tomato cultivation
- Computer vision-based inspection system
- Grading of fruits, vegetables and grains using AI and computer vision
- Drone for crop health Monitoring, Railway bridges and dams' inspection

Students Involvement :

- 14 students selected (8 BE-IT Project Sponsorship, 6 TE-Internships)

**INDUSTRY ACADEMIA R&D LAB IN
AI, IOT AND ROBOTICS**

PROJECT UNIFY APP



Unify - To Find The Missing Children And Wanted Criminals

This portal facilitates the matchThe Portal can be accessible to police personnel across the country. “<https://digitalpolice.gov.in/>”

This portal facilitates the matching of photos of Unidentified found persons, children and dead bodies with the Images of Missing persons or criminals registered in the police stations.

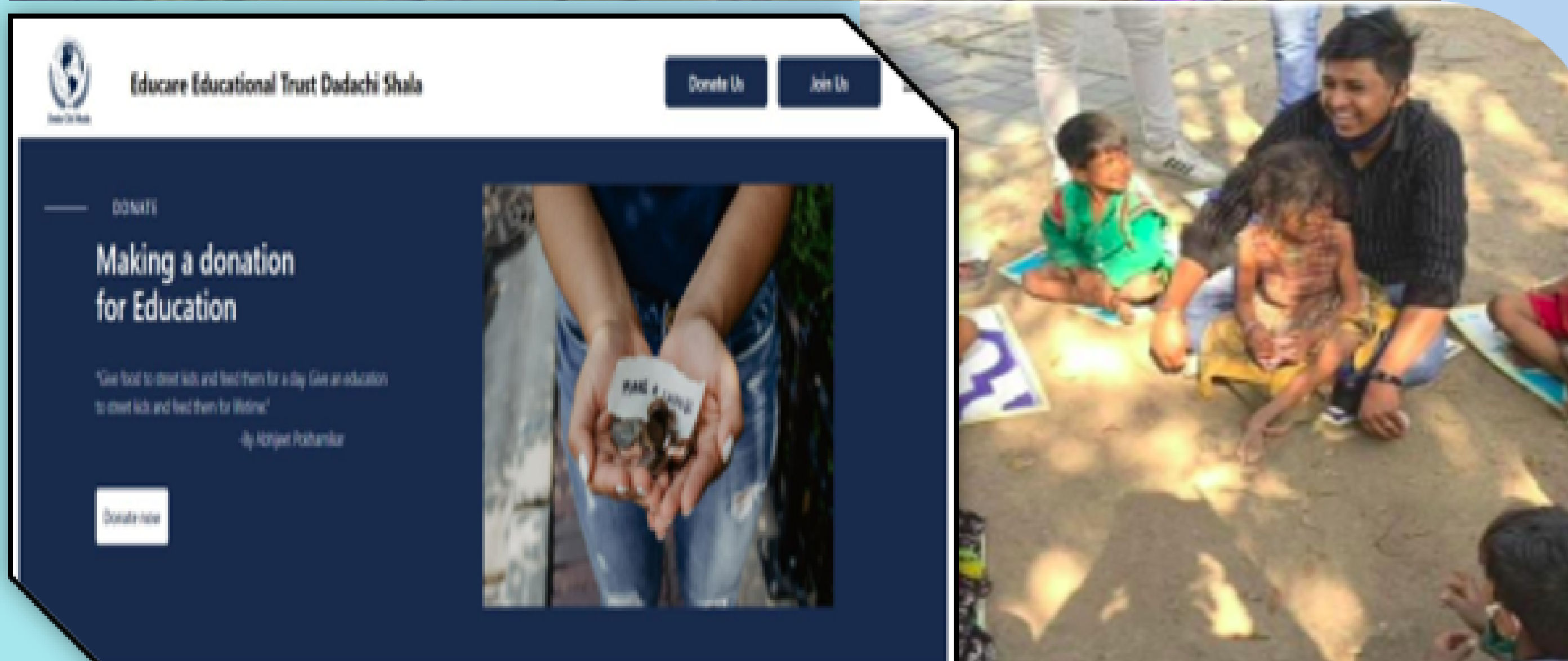
Mentor: Prof. Vishal R. Jaiswal

Team members:

Saurabh Jadhav, Chinmay Shimpi, Motish Mehta, Jay Thanvi, Firodiya Abhishek, Mohit Durge, Shubhangi Kumari, Gautami Rahane, Ashish Prasad, Yash Gupta, Kunal Sachdev, Siddhant Touti

SOCIAL INITIATIVE THROUGH PROJECT DEVELOPMENT

WEBSITE FOR NGO



**SOCIAL INITIATIVE THROUGH
PROJECT DEVELOPMENT**

[HTTPS://DADACHISHALA.ORG/](https://dadachishala.org/)

**This website is for Non-Govt Organisation
DadaChi Shala.**

**Team Head:
RushikeshKorade (Alumni)**

**Team Members:
Manas Kshatriya, (TE IT)
Haripriya Kulkarni, (TE IT)
NehilGajare, (TE CE)
Maithili Tawde, (TE CE)
KartikiKotawar, (TE CE)**

**Mentor:
Dr. JayashreeJagdale**

CULTIVATION OF VALUES



- Teaching at a school for the underprivileged (IDHANT foundation)
- Water Management (Water Treatment Plant, Warje)
- Volunteer at Teach For India
- Visit To Orphanage (Janseva Foundation orphanage)
- Plogging (combination of jogging with picking up litter)
- Teaching Yoga to Younglings
- Cloth Donation at PICT
- Tree plantation
- Visit to old age home
- Visit to Animal Shelter Home
- E-waste awareness to the society
- Worked on Solar power for renewable energy.

SOCIAL INITIATIVE THROUGH PROJECT DEVELOPMENT

DEPARTMENT ACTIVITIES

Session: Awareness on Overseas Education
Date : 01/08/2022

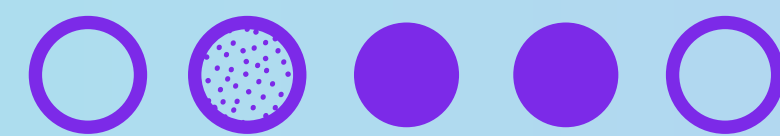
Resource Person: Mr. Rakesh, Mr.Omkar, Mr.Rahul, Mr.Yogesh Ranga & Ms.Rashmi from IDP, Pune



Session: Training Program on Soft skills
Date : 05/08/2022

Resource Person: Mr. Narendra Lawate, Mr. Aniruddha Pathak, Vajra Organization, Pune





**Session: Training Program on
Interview skills and Resume
building**

Date : 05/08/2022

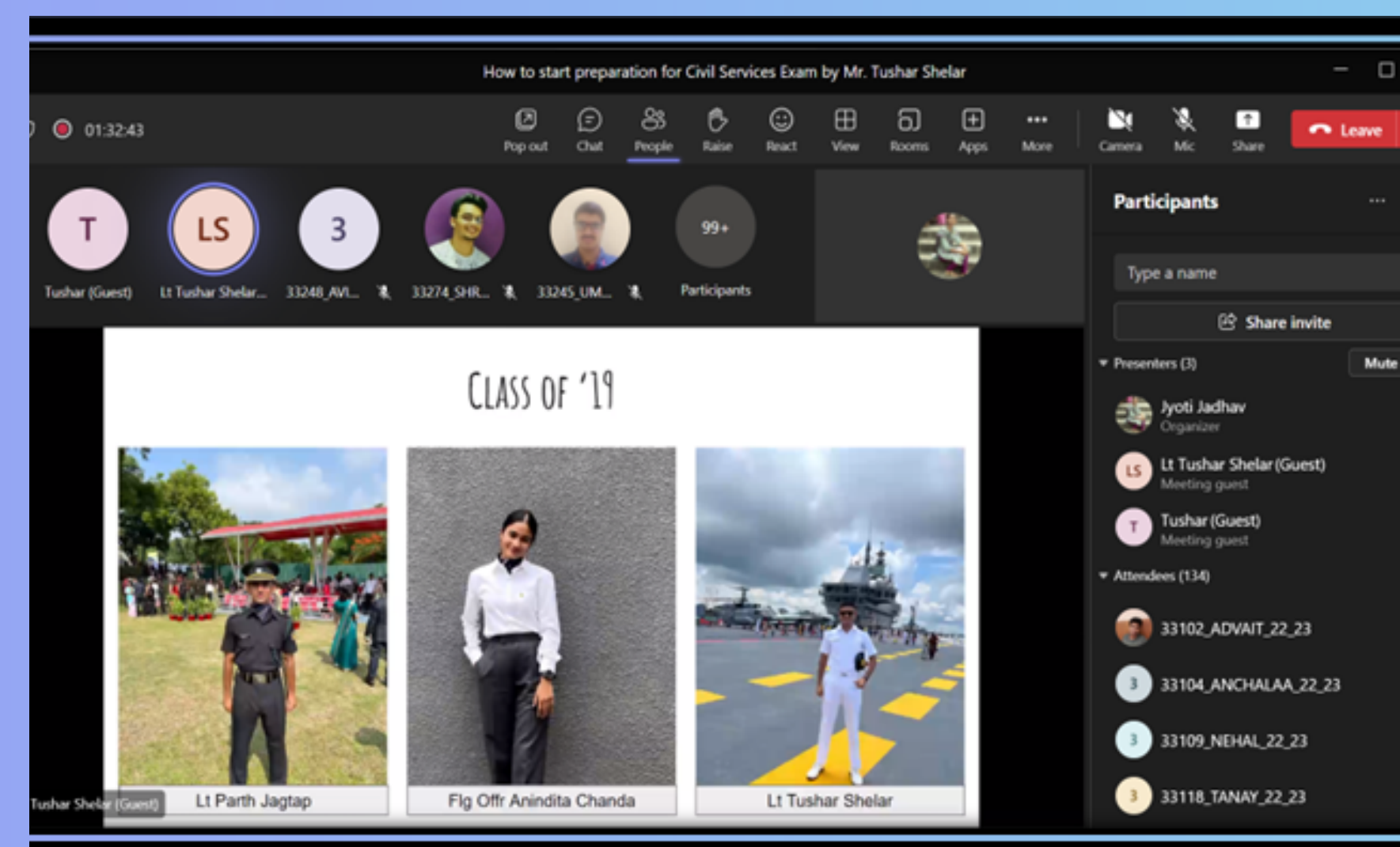
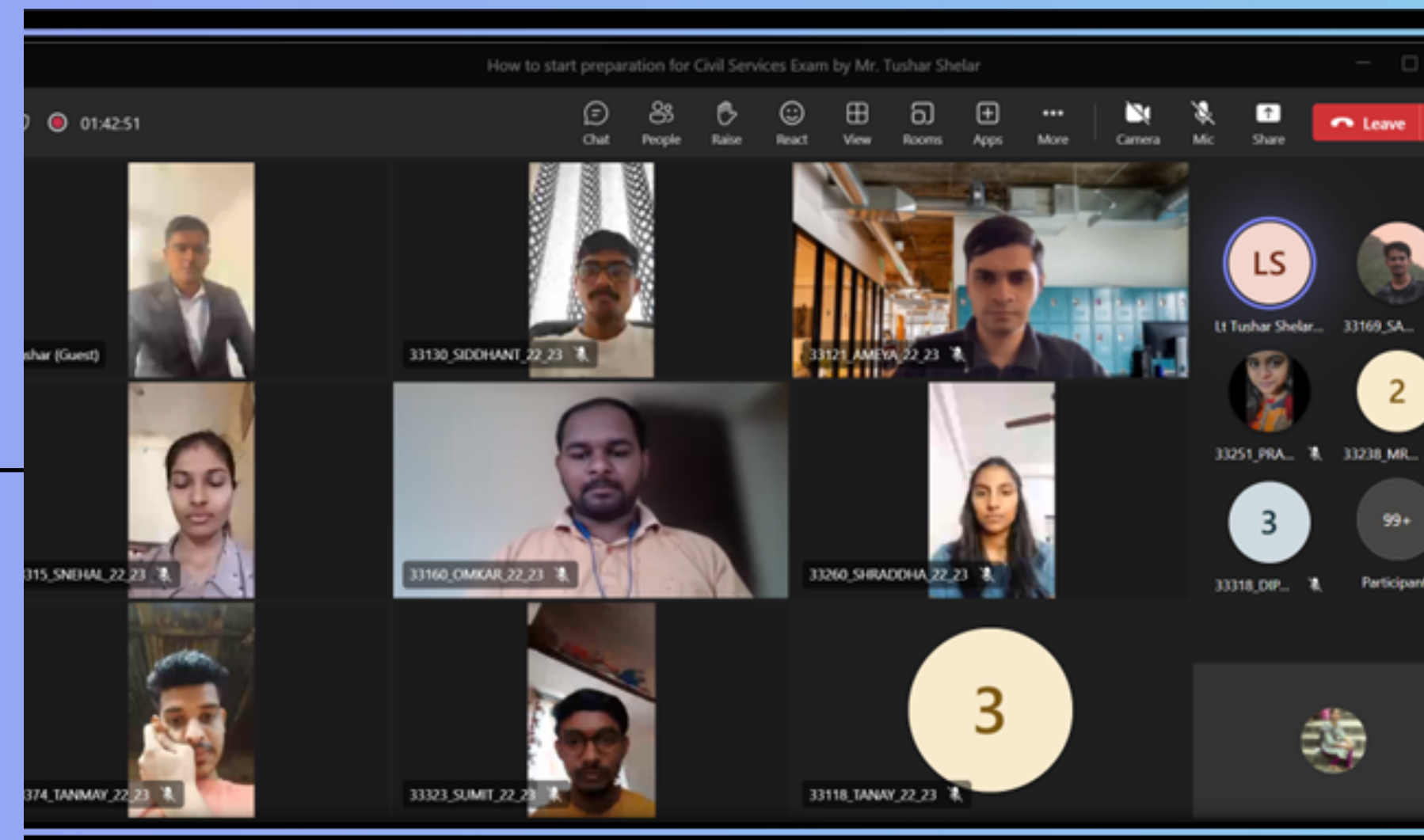
Resource Person:

**Mr. Narendra Lawate,
Mr. Aniruddha Pathak,
Vajra Organization, Pune**

Session: How to start preparation for Civil Services Exam

Date : 25/01/2023

**Name of Speaker: Mr. Tushar Shelar
Kochi Southern Naval Command Lieutenant**



Session: Scientific Paper Writing

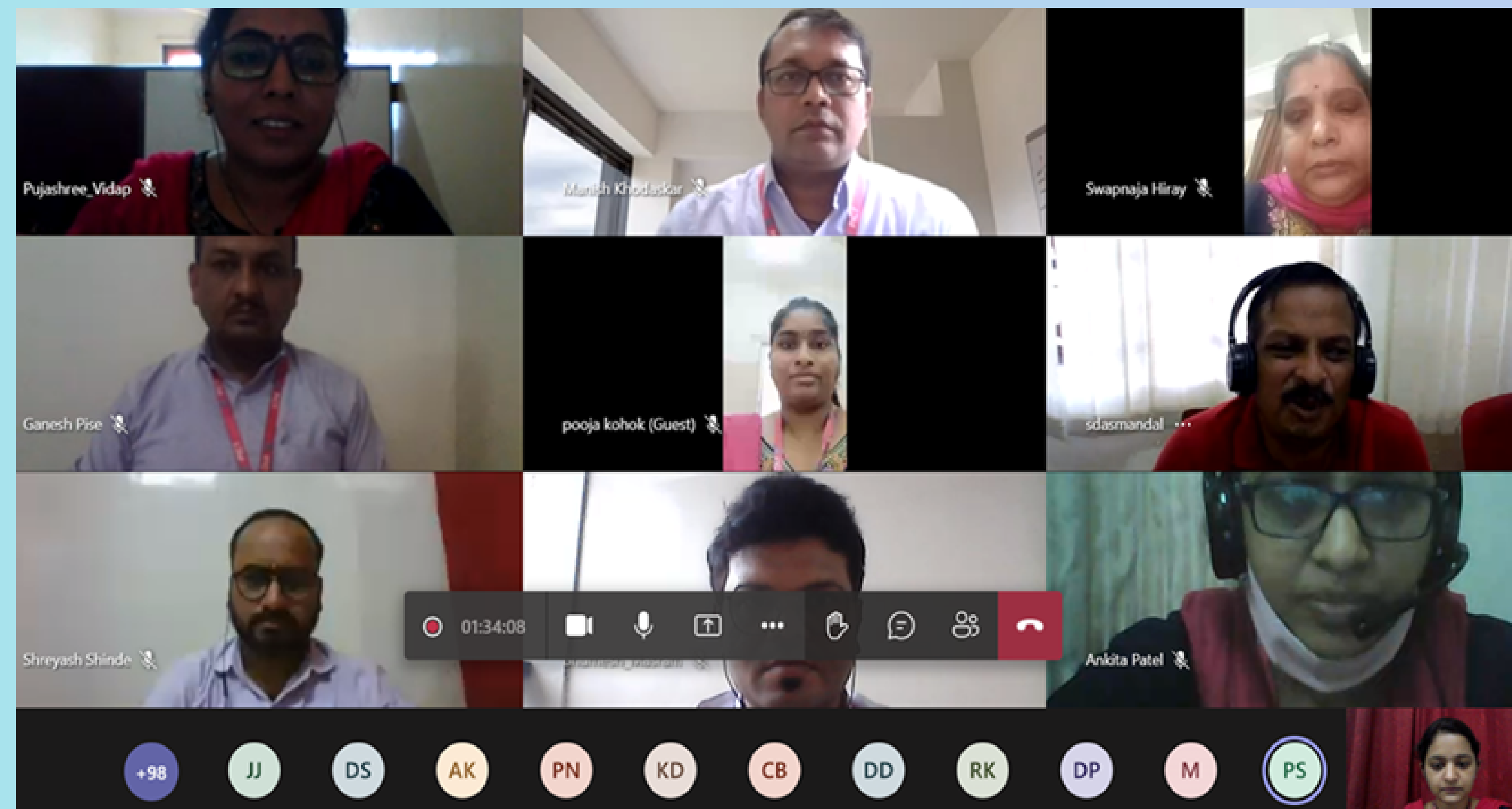
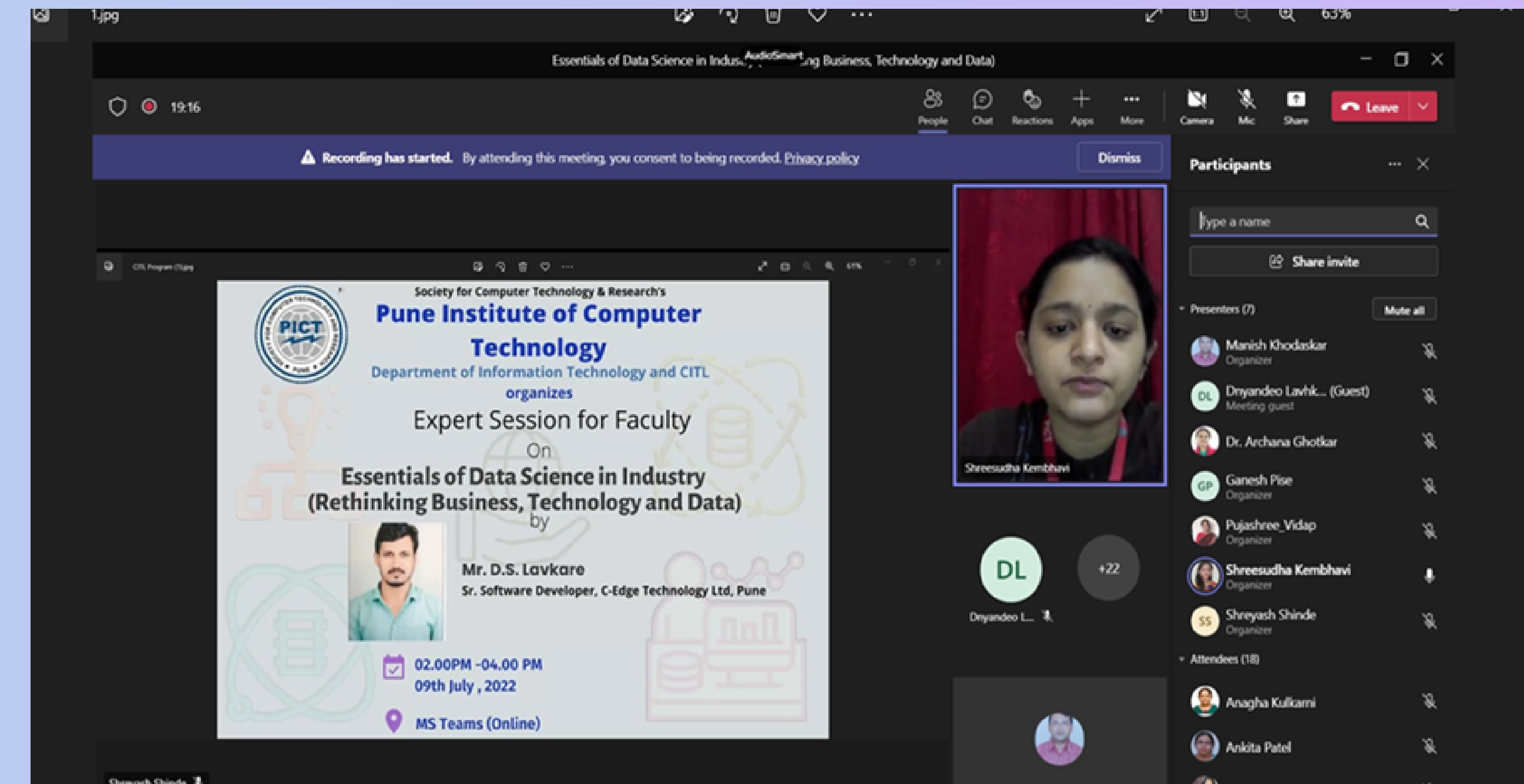
Date : 07/07/2022

**Resource Person:
Dr. R Venkateswaran
(Senior Vice President Persistent Systems
Ltd., Pune)**

Session: CO-PO-PSO and Articulation matrix understanding

Date : 08/07/2022

Resource Person: Dr. Shyamal Kumar Das Mandal (Associate Professor, Advanced Technology Development Centre Indian Institute of Technology Kharagpur)



Session: Essentials of Data Science in industry

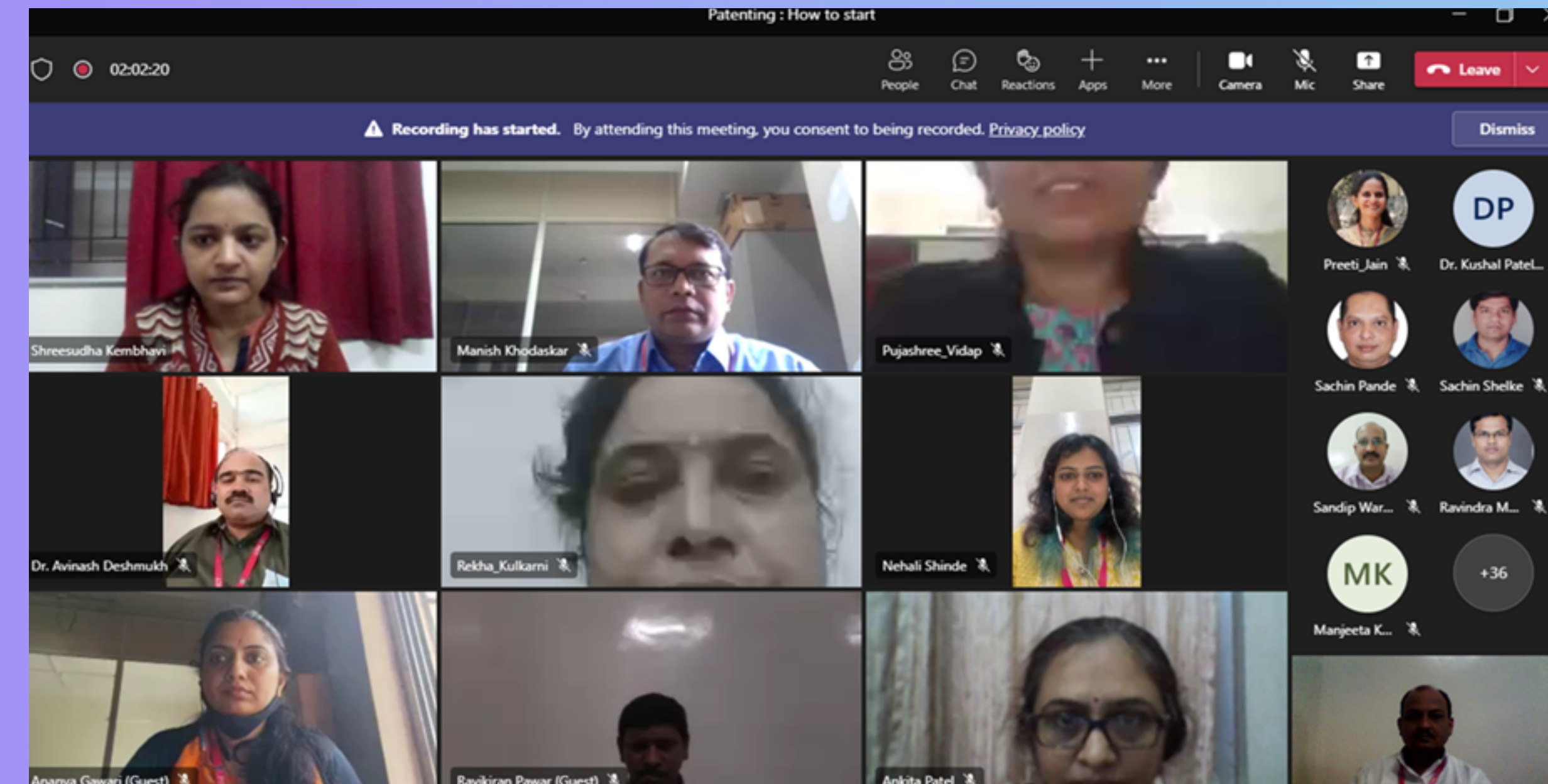
Date : 09/07/2022

Resource Person: Mr. D.S. Lavkare (Sr. Software Developer, C-Edge Technology Ltd, Pune)



Session: Stress management
Date : 11/07/2022

Dr Anand V Kulkarni Consulting Geologist & Trainer, Bangalore



Session: Patenting - How to Start
Date : 13/07/2022

Dr. Kushal Patel
(Phd, IBM Master Inventor, Test Lead, Senior Staff Software Engineer, IBM India Storage Labs, Pune)



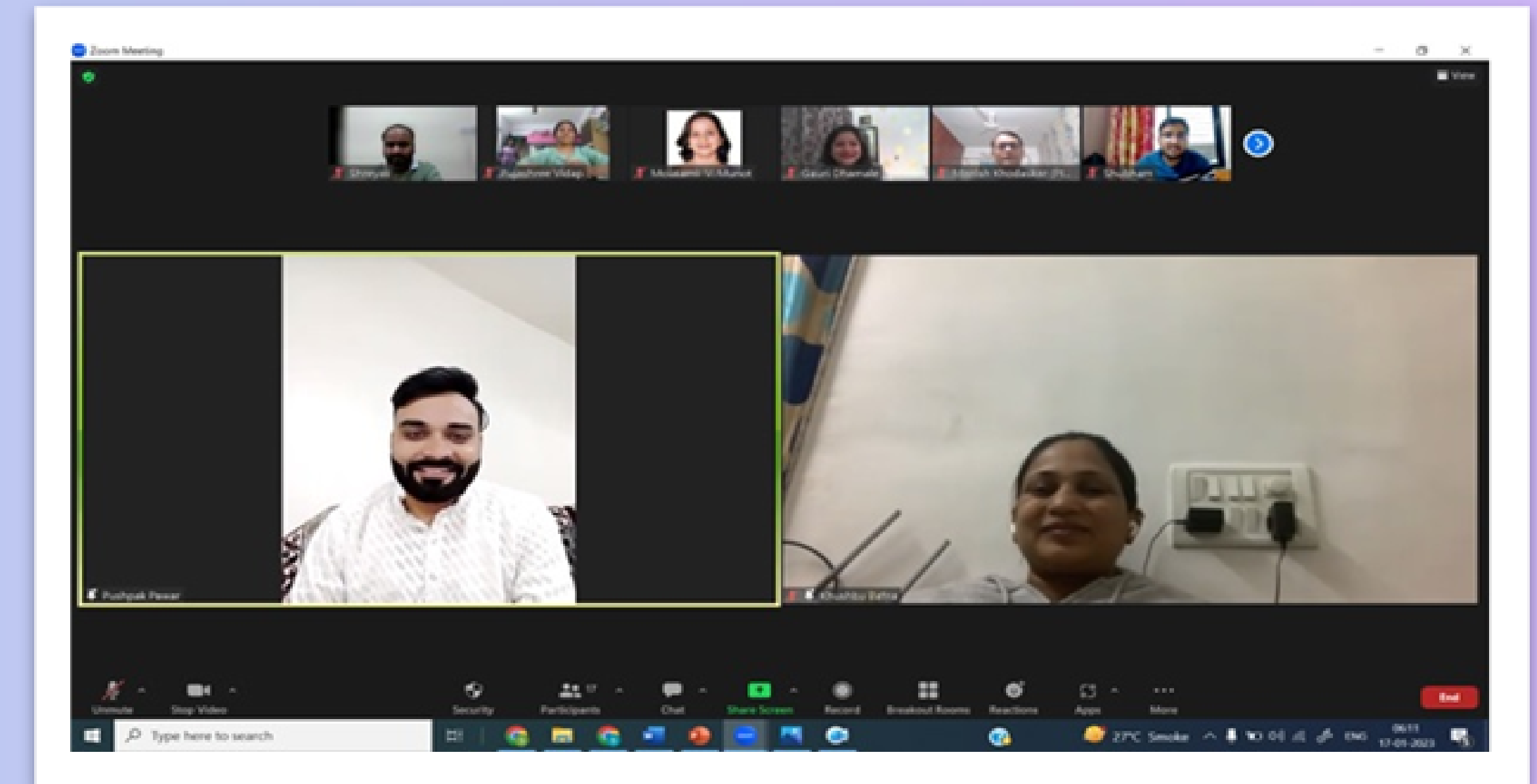
DEPARTMENT ACTIVITIES

HOME



One week sessions on
“Meditation and Mental Health” Har Ghar Dhyam
Date : 16/01/2023 - 20/01/2023

Speaker: Mr. Pushpak Pawar, Ms. Vaishnavi Jamdhade, Mrs. Swati Kale, Ms. Gauri Dhamale, Mrs. Sangeeta Jamdhade



Session: Stress and Time Management

Date : 23/11/2022 - 25/11/2022

Resource Person: Mr. Pushpak Pawar



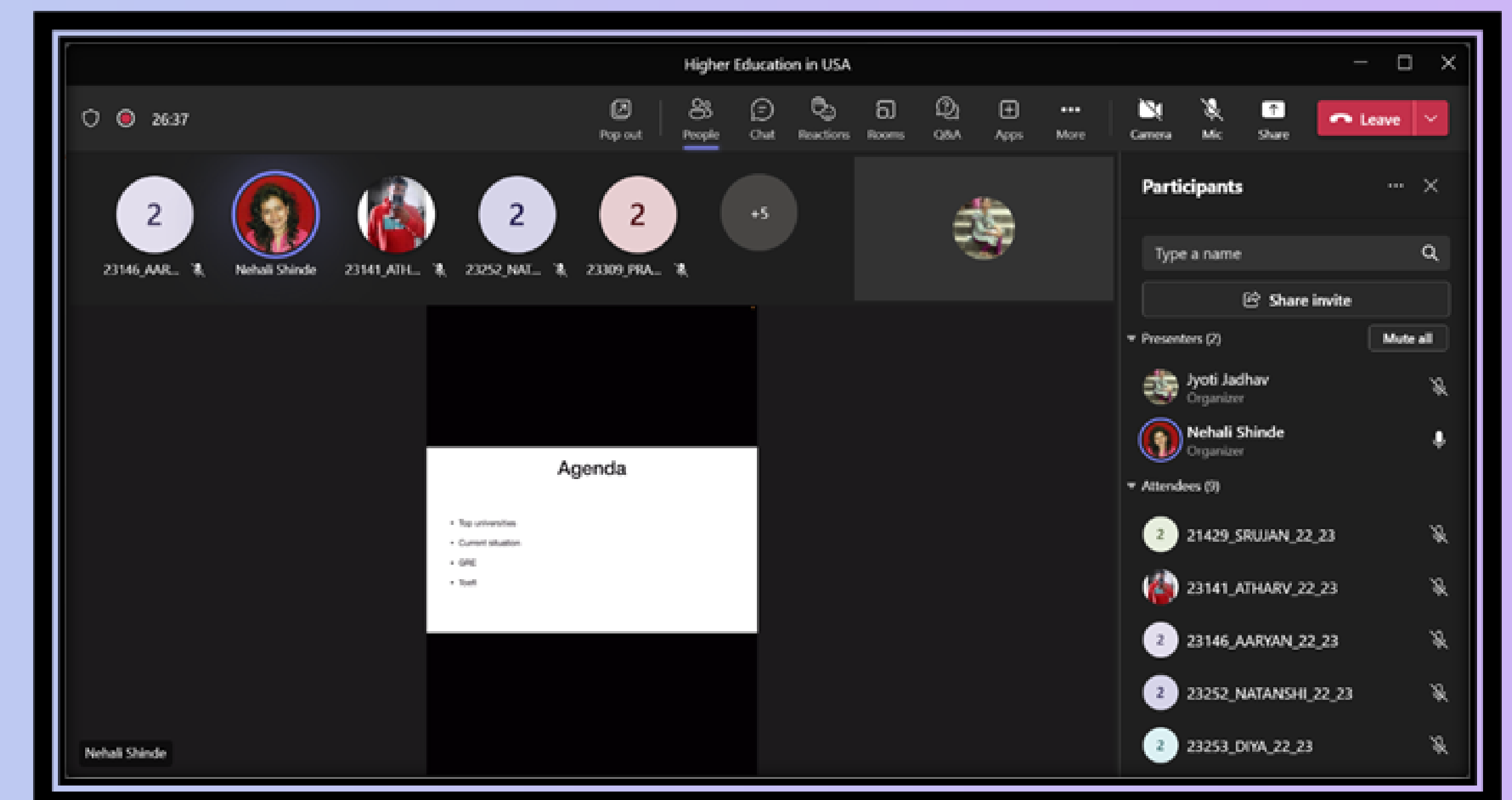
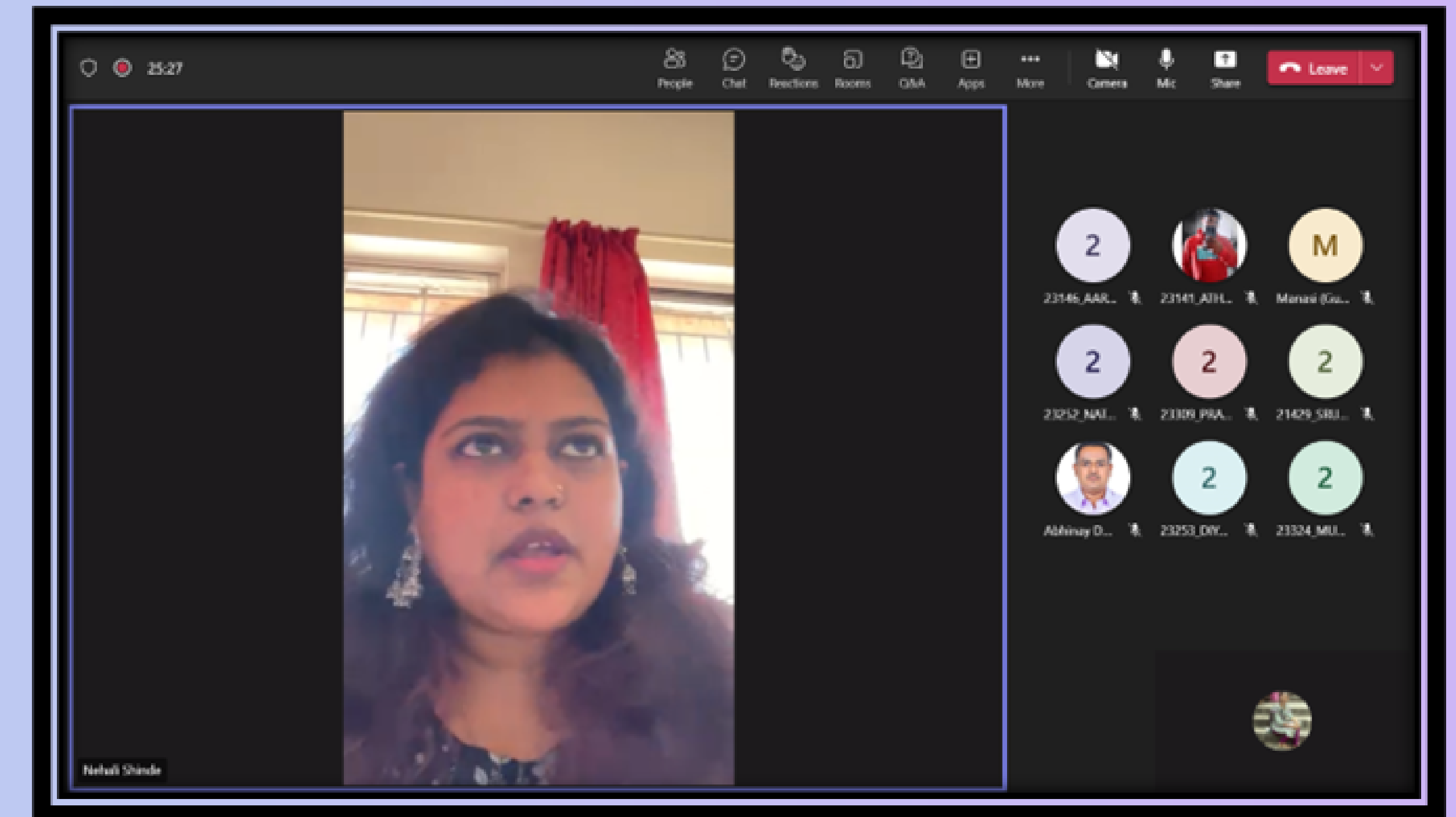


Session on "Higher Education in USA"

Date : 09/11/2022

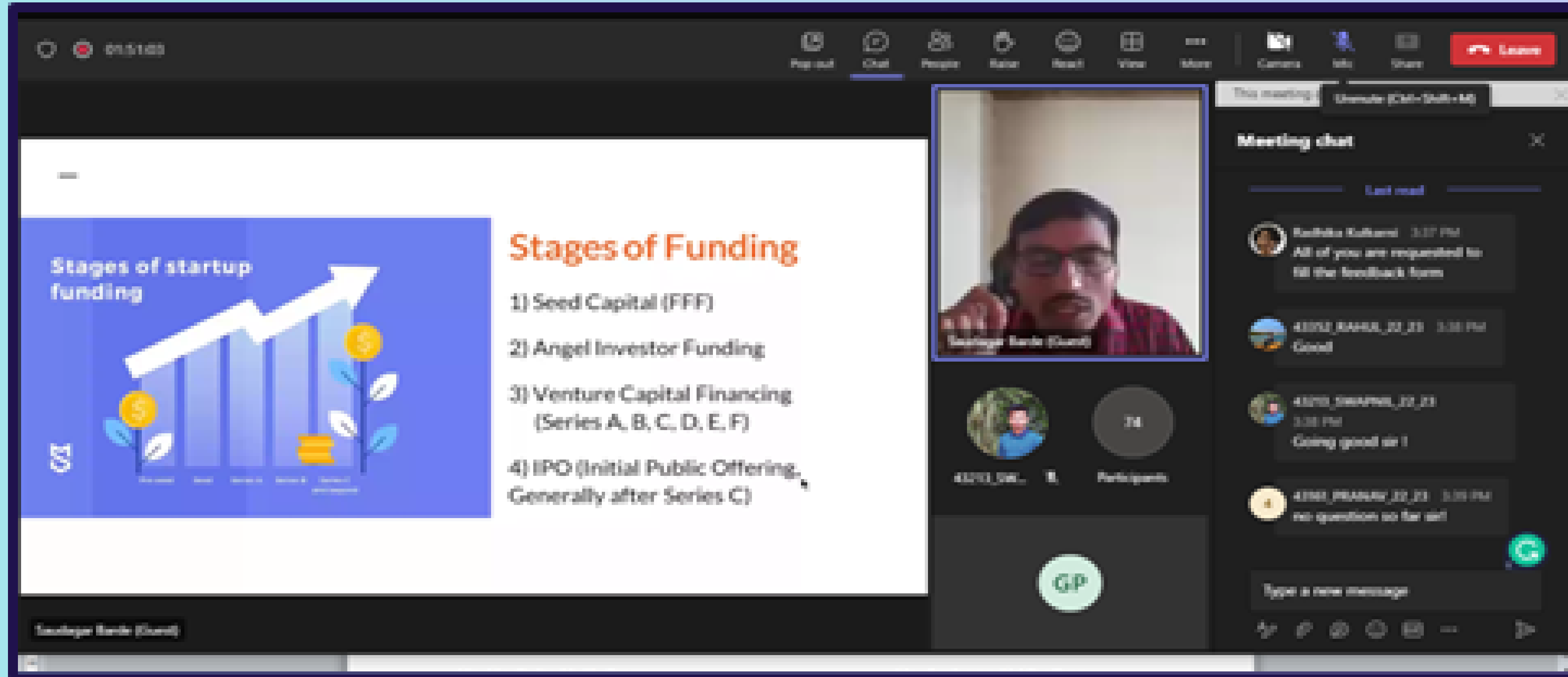
Resource Person: Ms. Nehali Shinde
(Pursuing Masters in Information System Management)
- University Name: Carnegie Mellon University
- Worked as Software Engineer@Quest Global

1. Prepare and attempt for Exams (GRE/TOFEL)
2. Shortlist Universities and Programs
3. Required Documents and applying process (LOR, SOP/ Personal Statement / Resume)



DEPARTMENT ACTIVITIES

HOME



STP-“Entrepreneurship & Product Development”
03/02/2023



STP-“Entrepreneurship Development”
05/02/2022



What is scrum? : Scrum is an agile project management framework that emphasizes collaboration, flexibility, and iterative development to deliver high-quality software products. It provides a structured approach for teams to work in short, timeboxed iterations called sprints, typically lasting 2-4 weeks. Scrum enables teams to adapt to changing requirements, prioritize tasks, and deliver value to customers more frequently. The framework promotes continuous improvement through regular reflection and adaptation.

Scrum Values: Scrum is built on five core values: 1. **Commitment:** Team members commit to achieving the sprint goal and delivering high-quality work. 2. **Courage:** The team is encouraged to take on challenges, be honest about progress, and make necessary changes. 3. **Focus:** The team maintains focus on the sprint goal.

SCRUM INTRODUCTION

4. **Openness:** Transparency and openness foster effective communication, trust, and collaboration within the team. 5. **Respect:** Team members respect each other's expertise, contributions, and opinions, creating a supportive work environment.

Scrum Artifacts:

1. **Product Backlog :**The Product Backlog is a dynamic, prioritized list of all the work items needed to create, enhance, or maintain the product. These work items can include user stories, bug fixes, technical tasks, and other requirements. The Product Owner is responsible for managing and maintaining the Product Backlog.



The Product Backlog is continually refined and evolves as the team learns more about the product and its requirements. It's used as input during Sprint Planning to select items for the upcoming Sprint.

2. **Sprint Backlog:** The Sprint Backlog is a subset of the Product Backlog items that the Development Team has committed to completing during a specific Sprint. It's a detailed plan that outlines the tasks, user stories, and other work items that need to be accomplished to achieve the Sprint Goal. The Sprint Backlog is owned by the Development Team and is often depicted as a visual representation, such as a task board or digital tool. The Sprint Backlog is central to the team's focus during the Sprint and helps ensure that the team remains on track to achieve the Sprint Goal.

3. **Increment:** The Increment is the sum of all the completed Product Backlog items at the end of a Sprint. It represents a potentially shippable, releasable product increment that adds value to the product. The Increment should meet the team's Definition of Done, a clear and shared understanding of what it means for work to be considered completed and of high quality. The Increment serves as a tangible measure of the team's progress and a means for stakeholders to see and evaluate the product's evolving state.

Aaditya Bhamare
TE 10



SASHA PIMENTO FOOTBALL PLAYER

- Played Junior National Football from Maharashtra Team
- Played for Pune FC Team
- Selected for Zonal by SPPU, Pune



- Selected for all India Inter university competitions'2022
- Selected for 2nd Khelo India University Competition'2022
- Selected for Zonal by SPPU, Pune'2022
- Winner Zest CoEP, Pune'2022

DIYA OSWAL FENCING (SABRE & FOIL)



Congratulations

Top packages offered

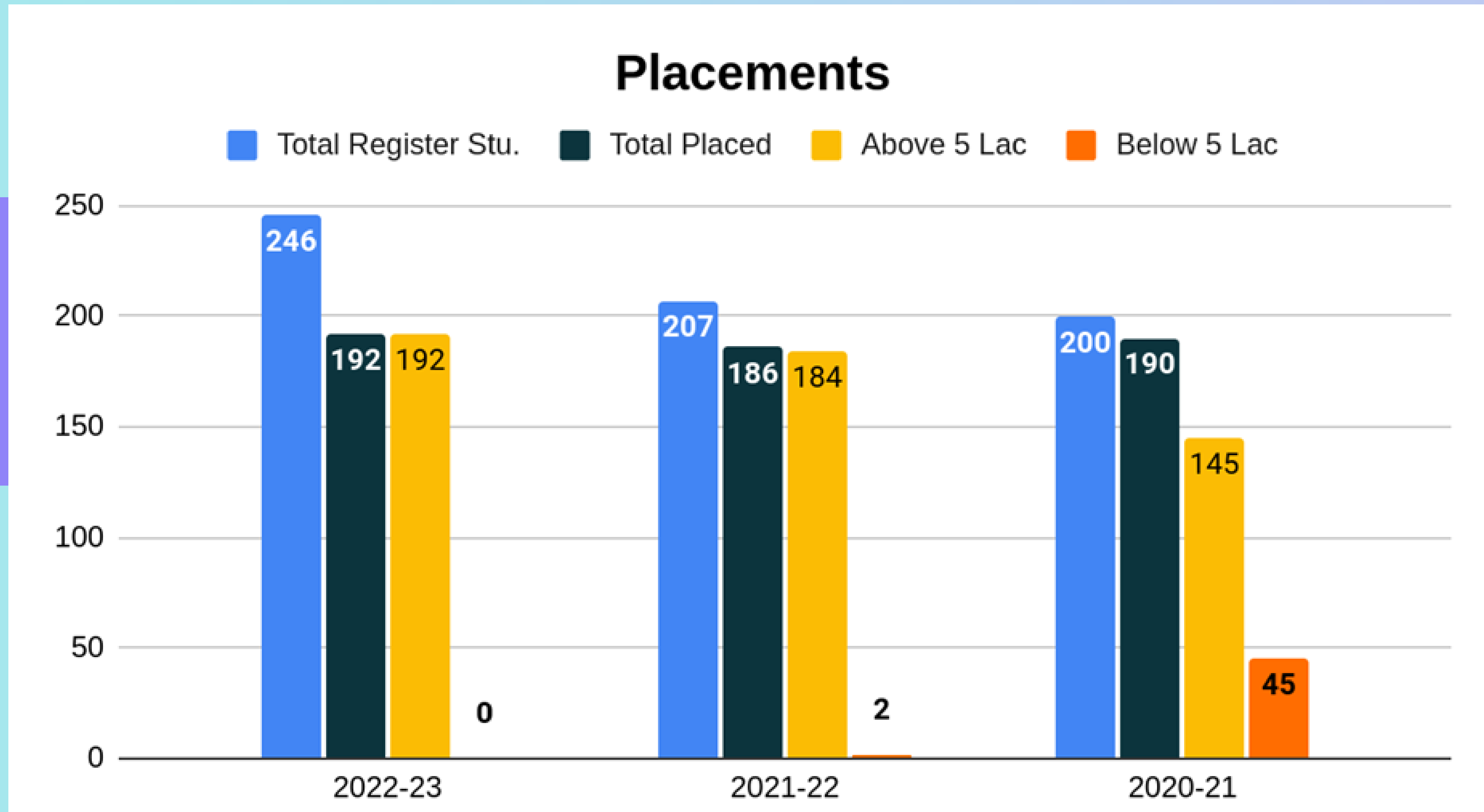
- Adobe 41.1 Lakhs
- PhonePe 38 Lakhs
- Trilogy Solutions 36.5 lakhs

Average Package
12.55 Lakhs

192 out of 256 students placed in the
year 2022-23

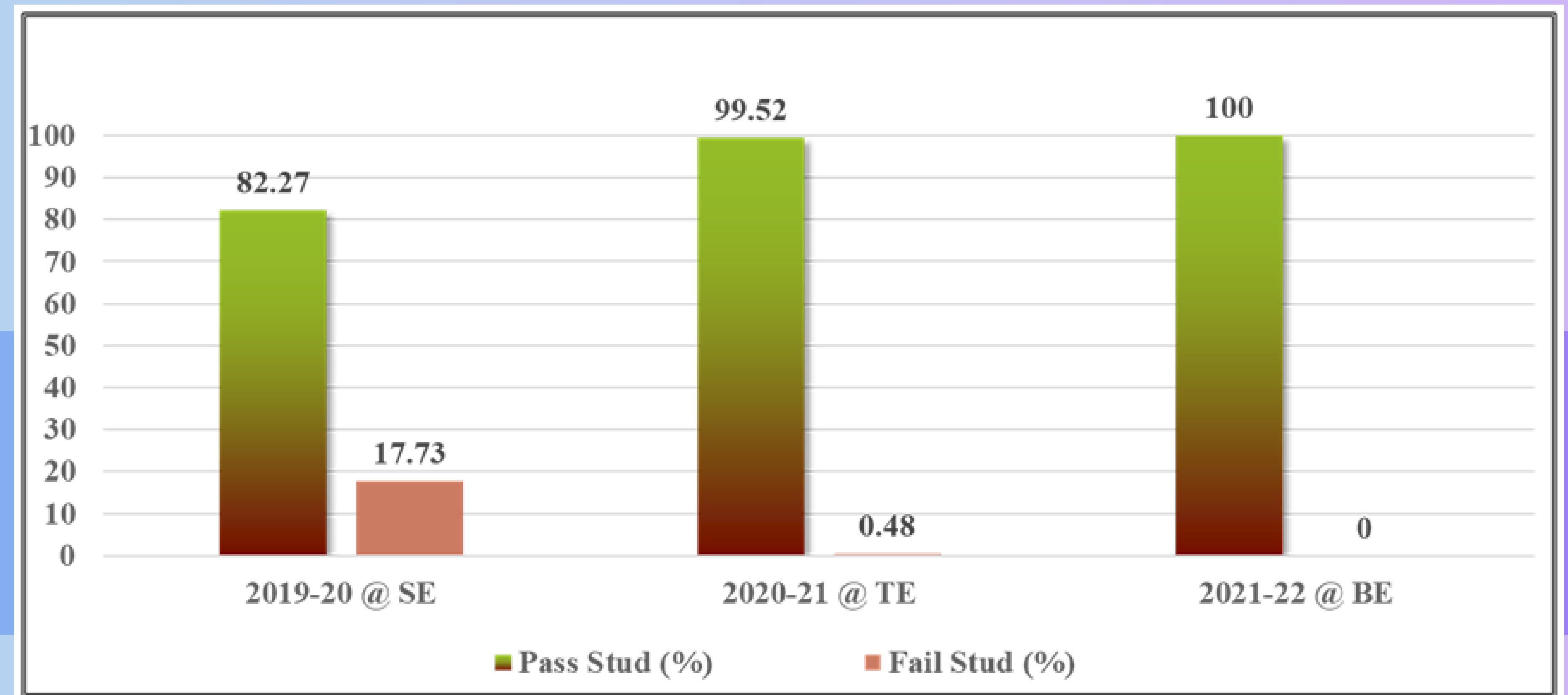
100+ Reputed, multinational
companies visited the campus this year

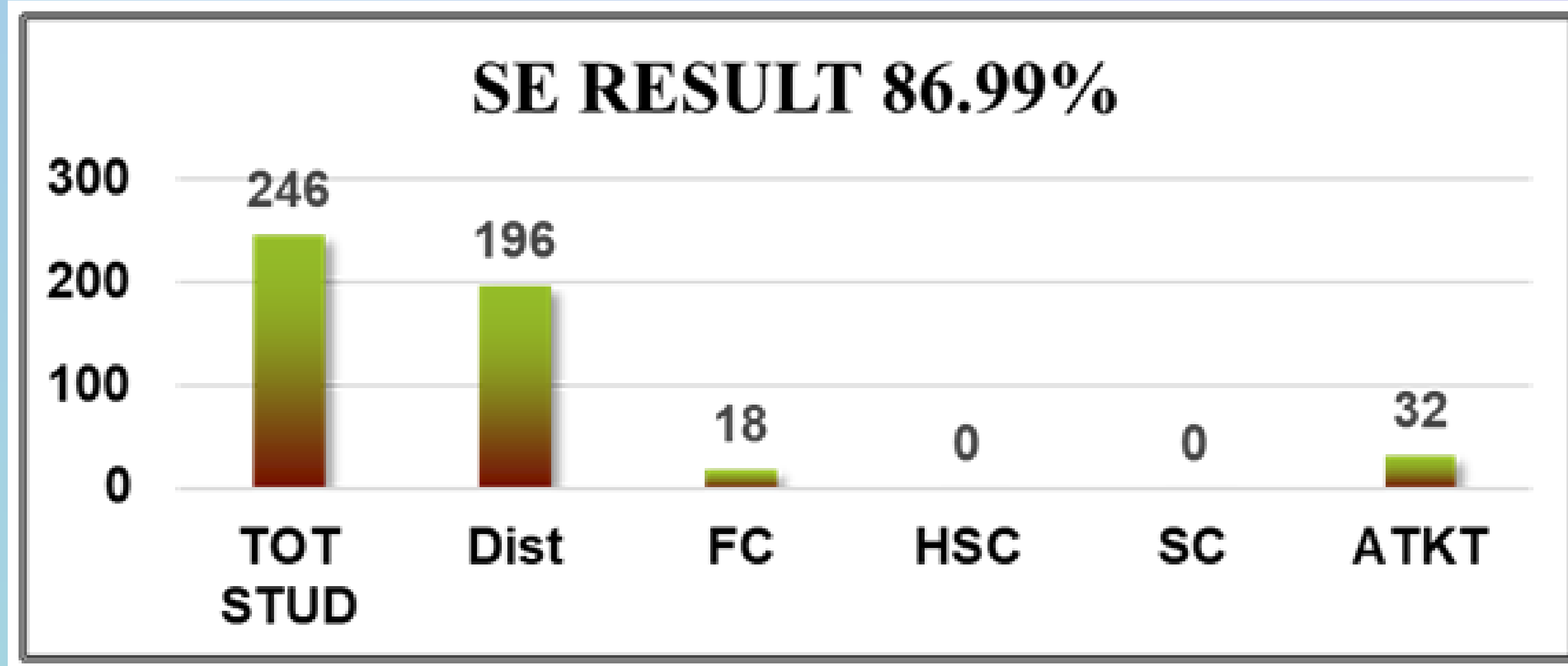
Program	Total Students	Above 5 Lac	Below 5 Lac	Total Placed
UG	246	192	0	192 Till Date



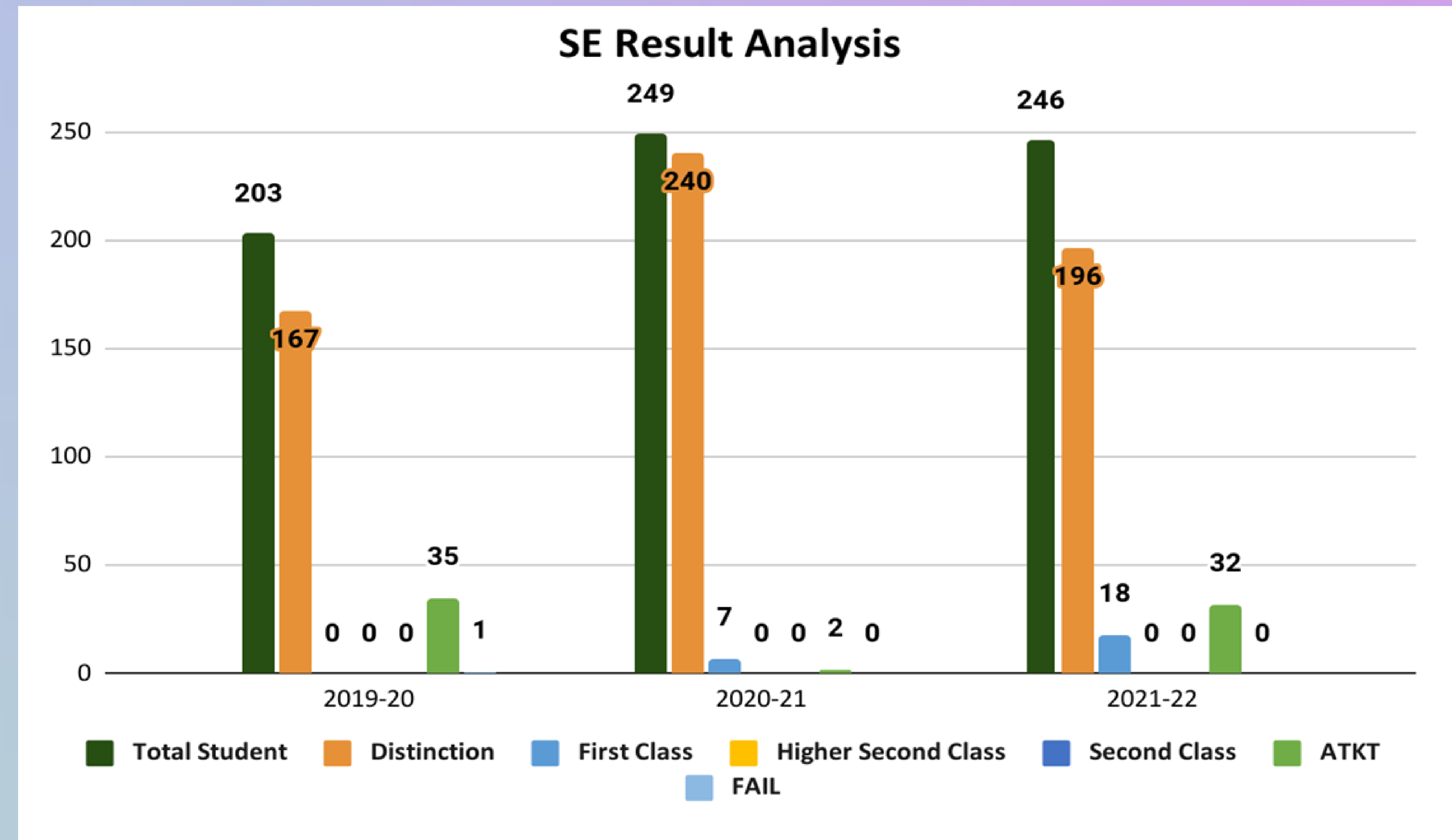
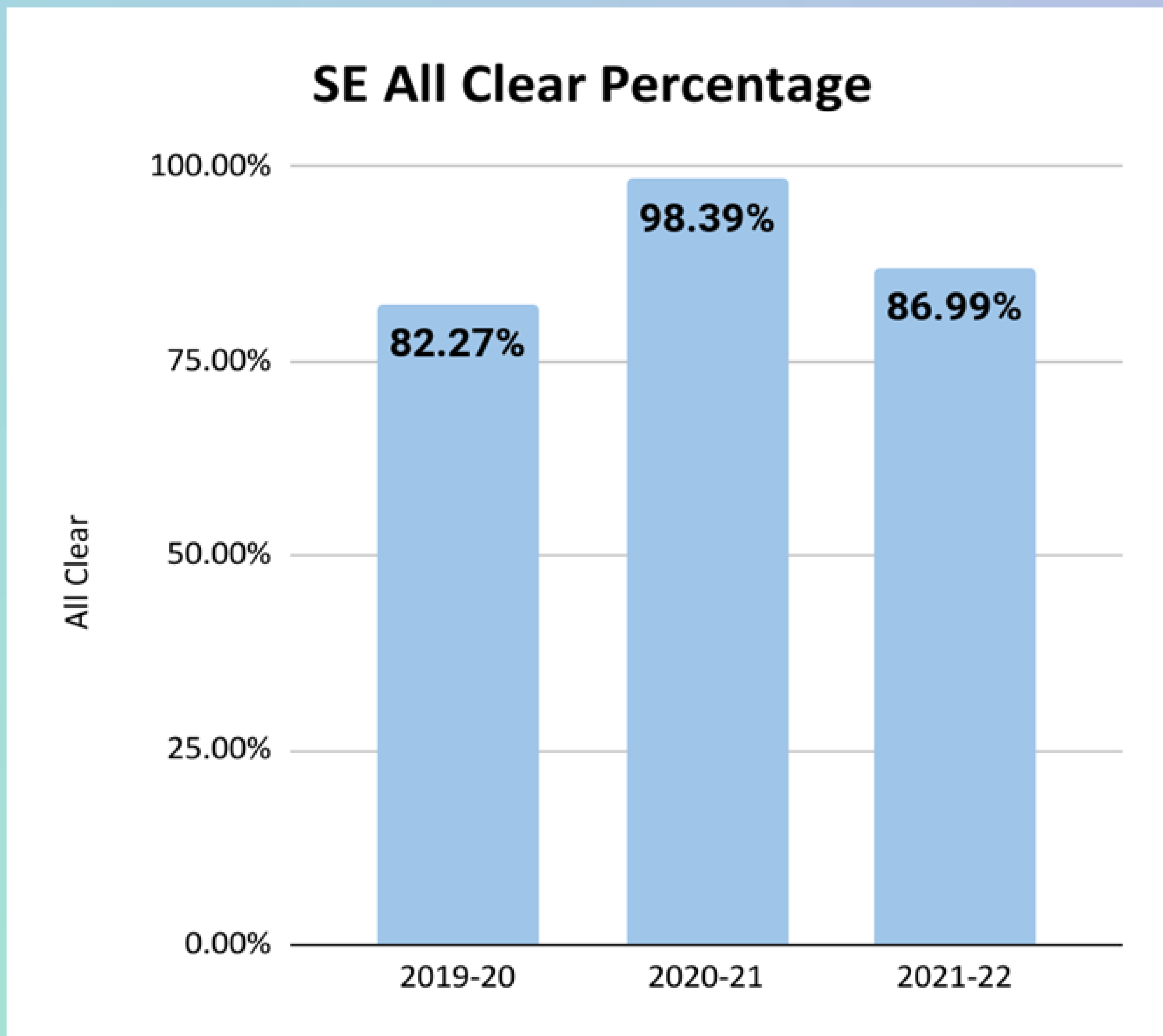
PLACEMENTS

RESULTS





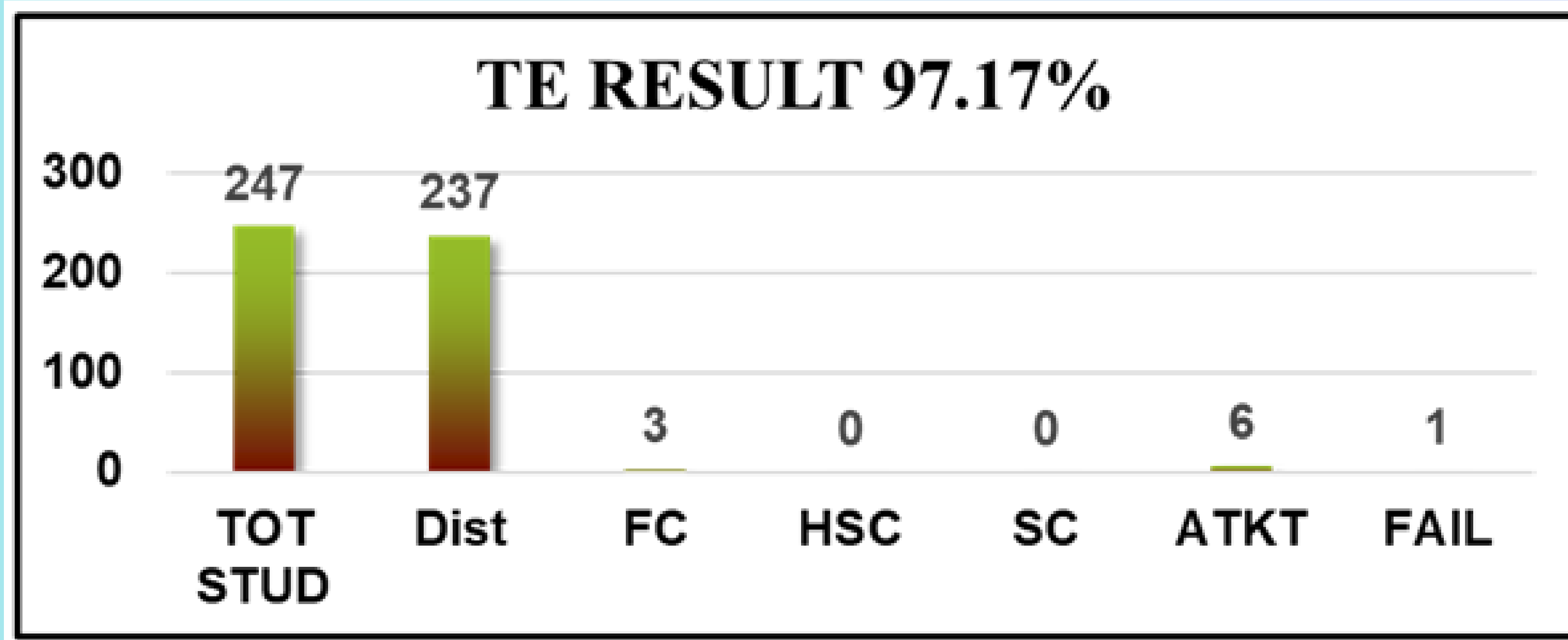
SECOND YEAR



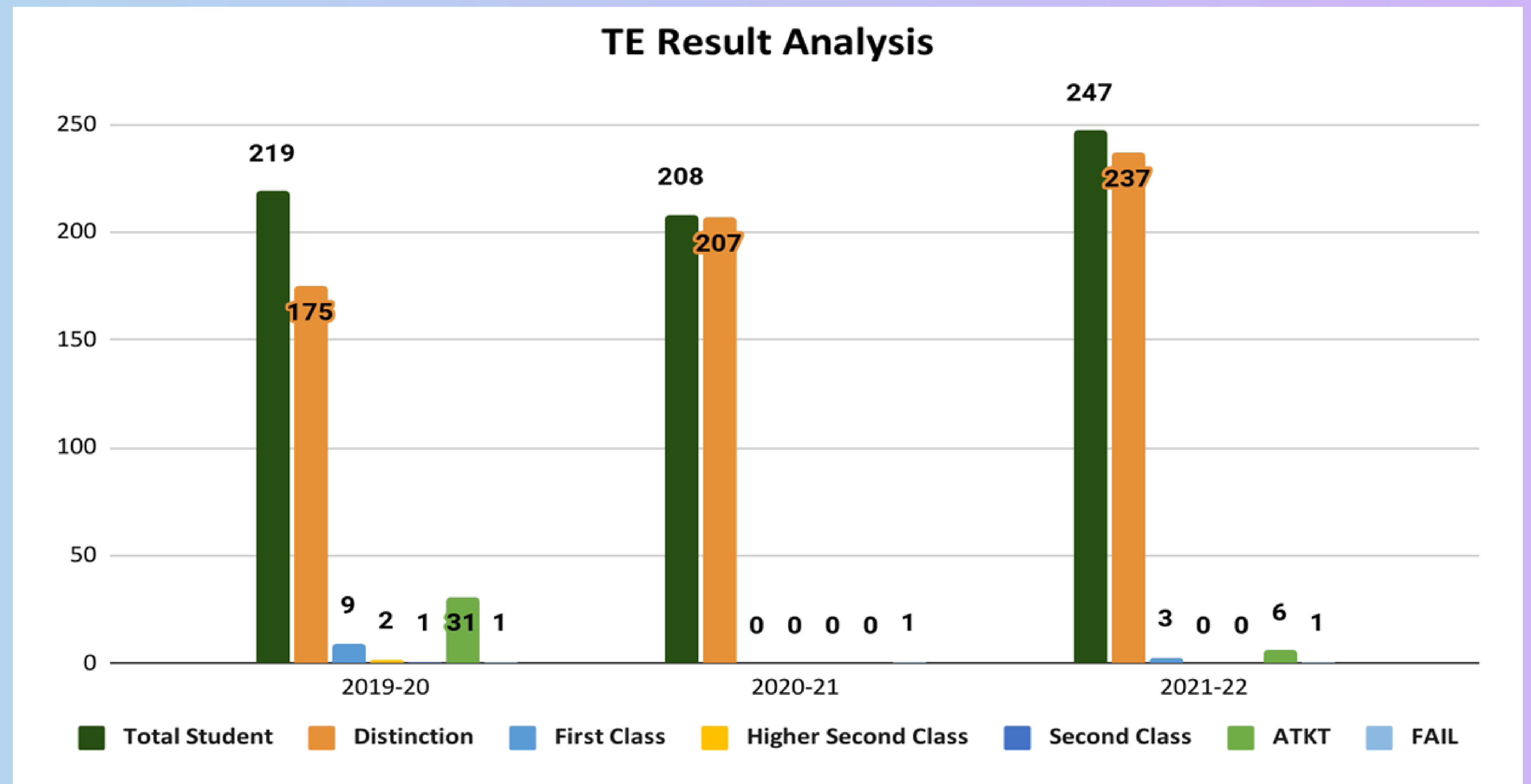
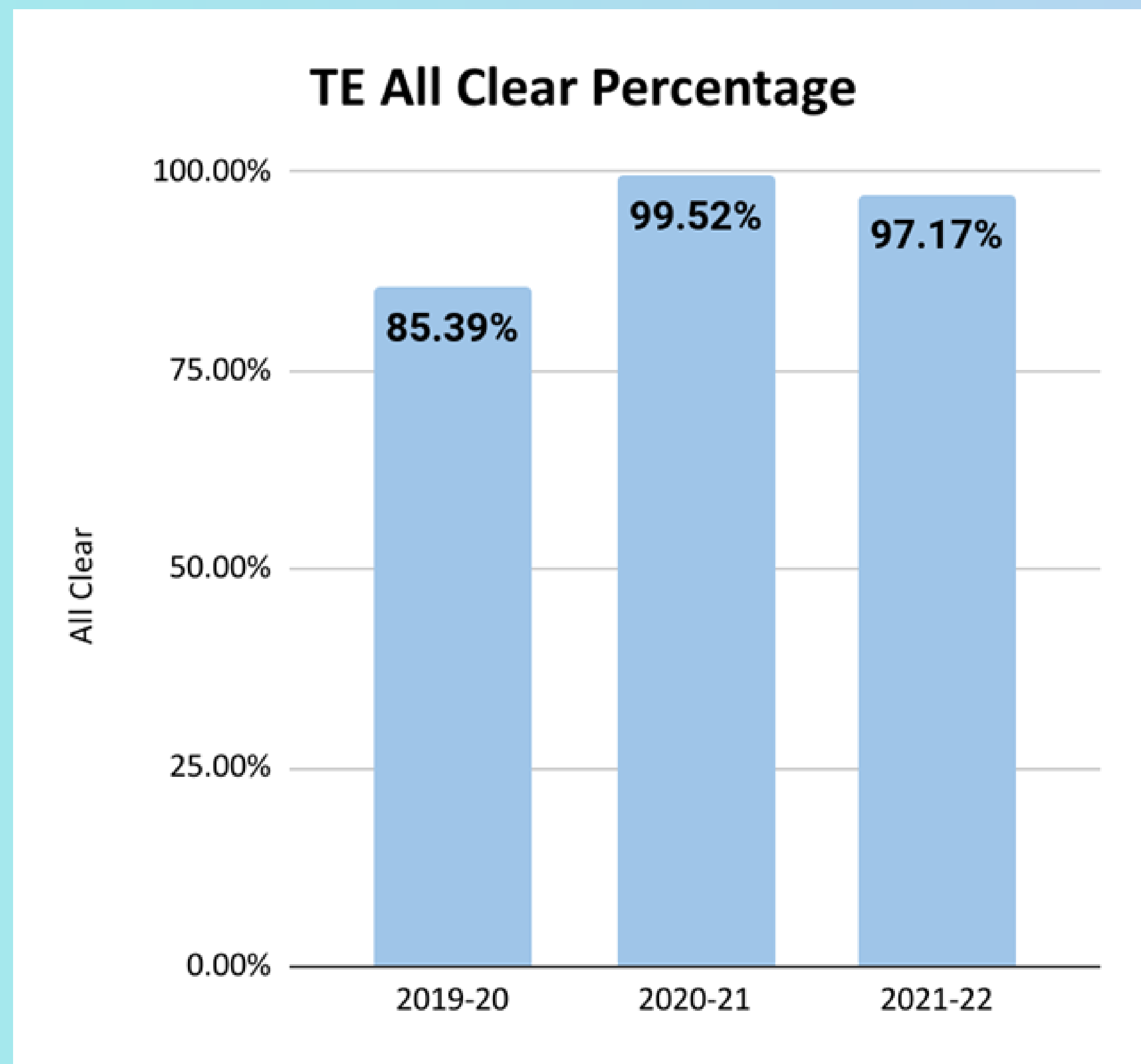
RESULTS

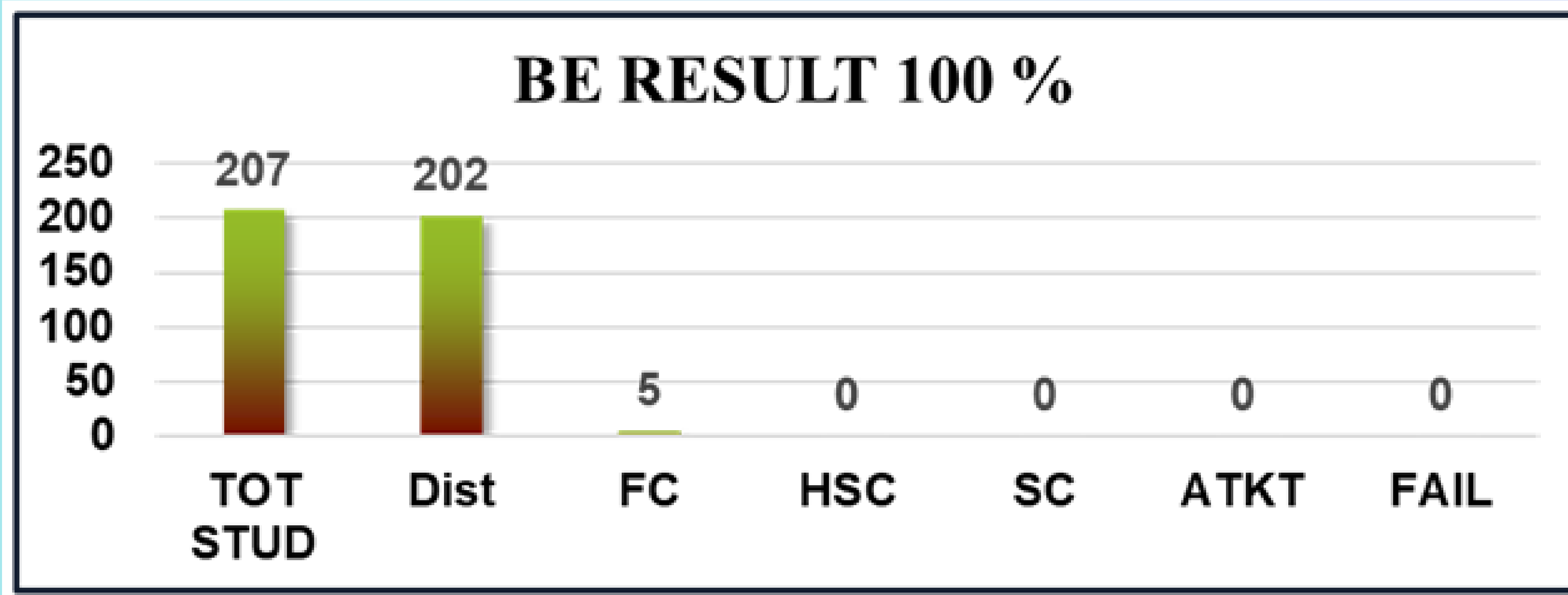


HOME

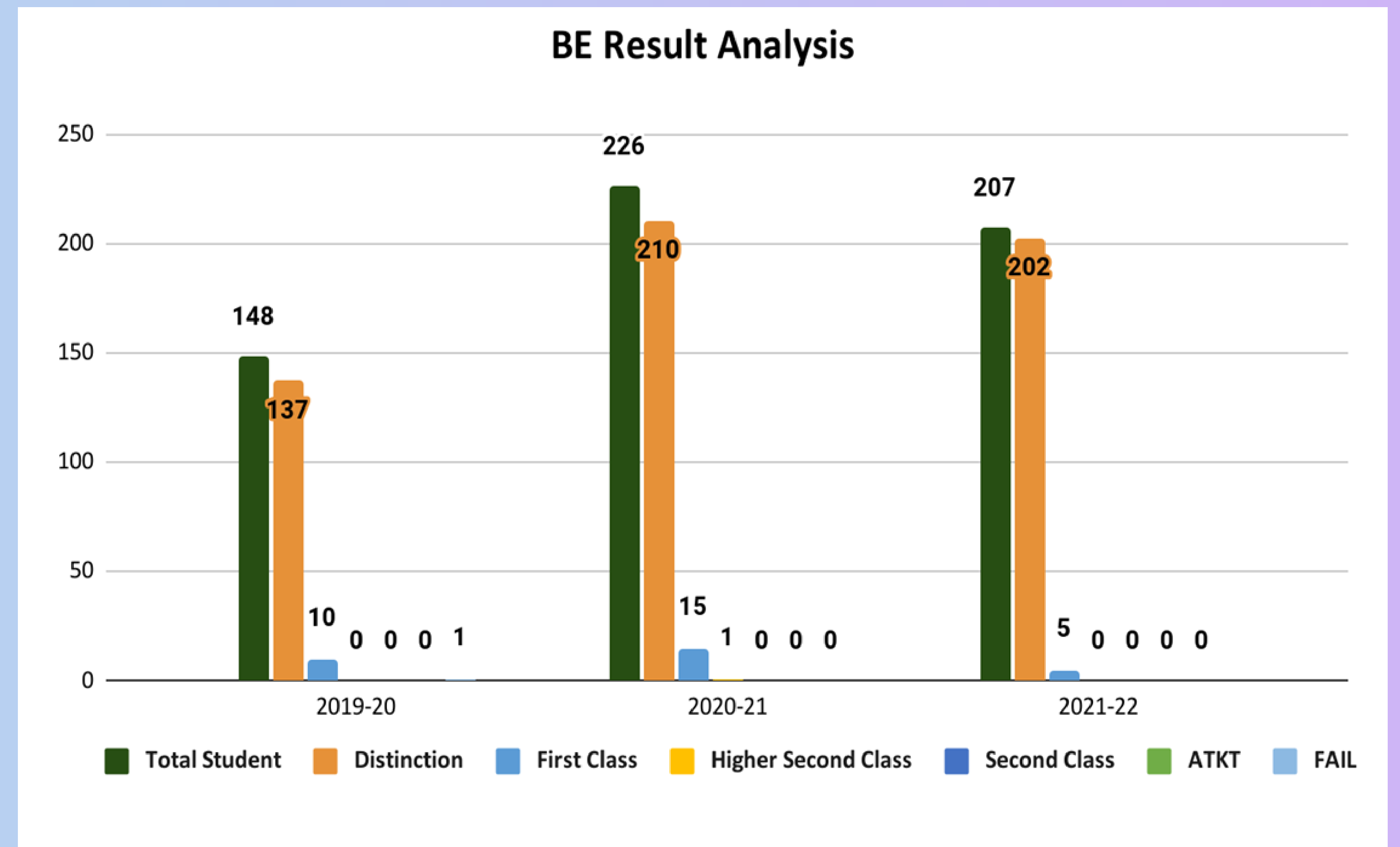
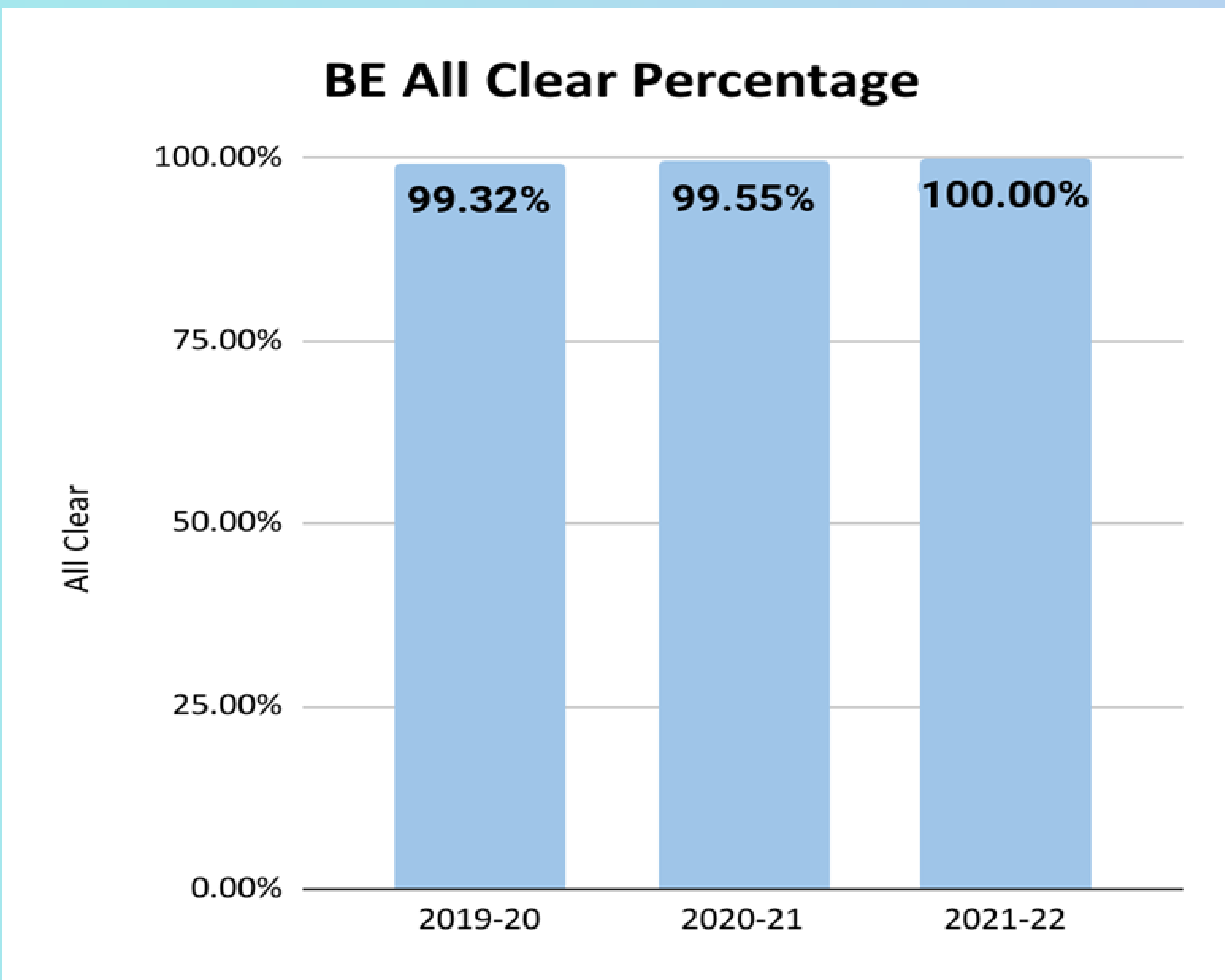


THIRD YEAR





FOURTH YEAR





FINAL YEAR

1. YASH PATWARDHAN
2. VEDANT DESHPANDE
3. VAISHNAVI DHDIWAL

4. YASH NIMBALKAR
5. RUSHIKESH KULKARNI
6. AKASH KULKARNI
7. MAHESH SHINDE
8. ESHA ANVEKAR
9. KOUSHAL BHAT
10. NANDINI PATIL

RANK HOLDERS





THIRD YEAR

1. KARTIK PATIL
2. HARSHAVARDHAN PATIL
3. ARYAN VORA

4. SAMYAK JAIN
5. MAHEK MULLA
6. SHREYA SHETTI
7. RIYA PENDSE
8. GARIMA RATHI
9. MANASI BALGUDE
10. SAGAR PATIL

SECOND YEAR

1. MANTHAN ADHAV
2. VISHAL PATIL
3. SARVADNYAA BARATE

4. JAYASH GAIKWAD
5. TANMAY KOKATE
6. NACHIKET JADHAV
7. NISHANT TANKSALE
8. SHIVANJALI THORAT
9. SIDDHANT SONAWANE
10. PRIYANSHU MAHUKHAYE

DESIGN AND CONTENT

Sarvadnyaa Barate

Nishant Tanksale

GUIDANCE

Dr. JayashreeJagdale



020-24371101 EXT : 400



hodit@pict.edu



Building 'A3', PICT, Pune