



TANTRADNYA

September-December 2023

Volume#10, Issue#3

DEPARTMENT OF INFORMATION TECHNOLOGY

In This Newsletter

Departmental Activities

Activities and Achievements of Faculties

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Internship

Editorial Team

Dr. Radhika Kotecha, Head of Department

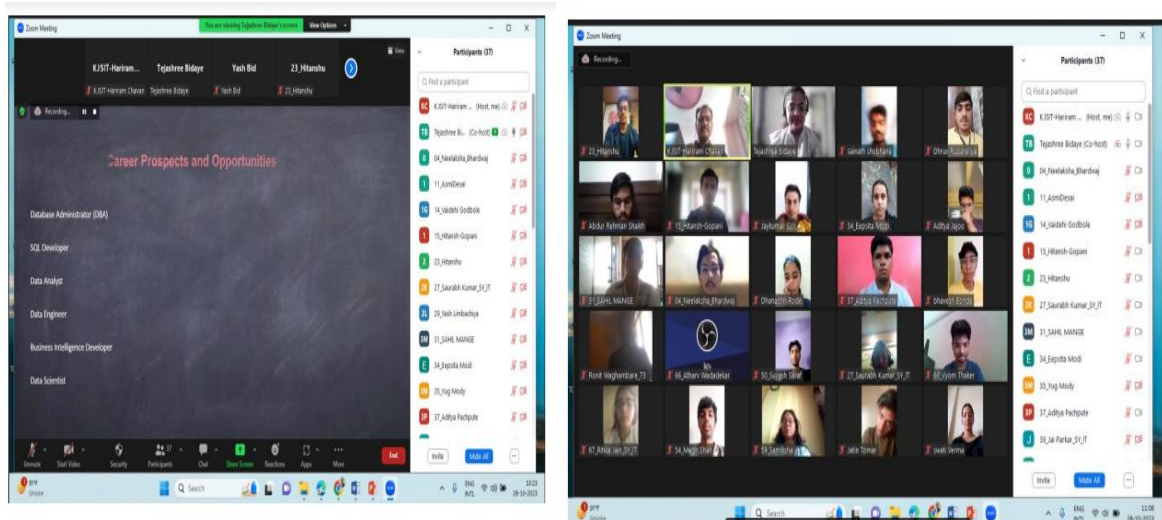
Ms. Seema Yadav, Assistant Professor

Tantradnya Newsletter

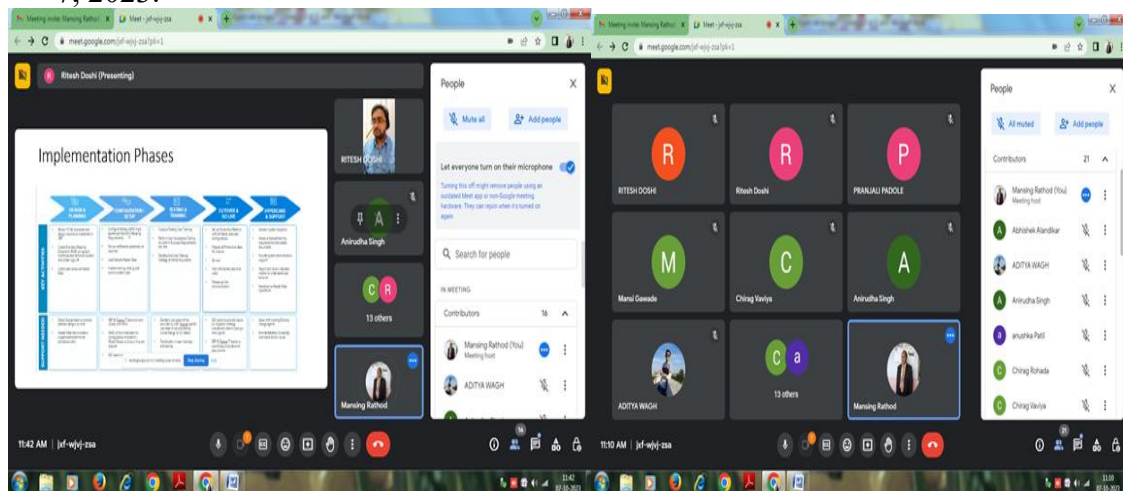
September – December , 2023

1. Departmental Activities:

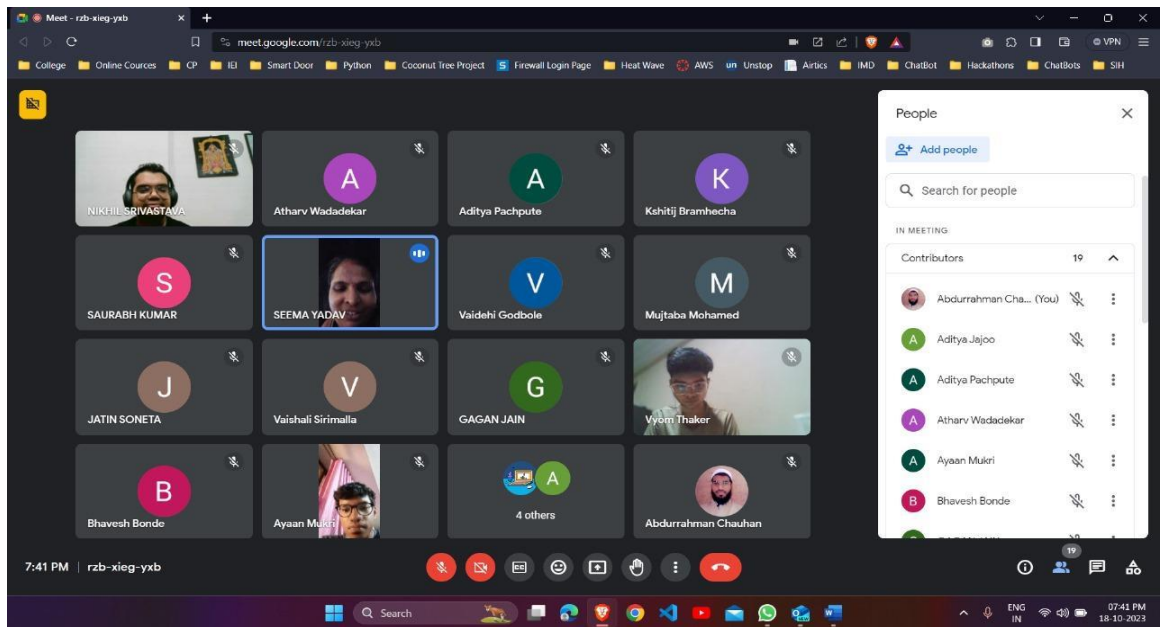
- Dr. Hariram Chavan organized an Expert Session on “Navigating a Career as a SQL Developer” on October 28, 2023.



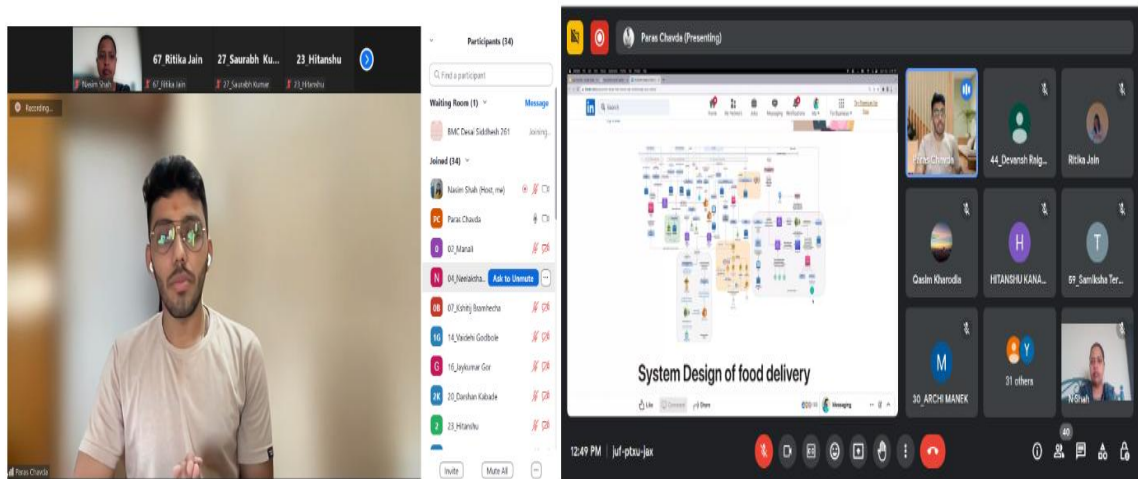
- Dr. Radhika Kotecha and Mr. Harsh Bhor Organized Innovation Competition – “INNOVATHON” Association with Institution’s Innovation Council (IIC) of K. J. Somaiya Institute of Technology (KJSIT-IIC) on October 05-06, 2023 .
- Dr. Mansing Rathod, Organized an Expert Session on “Software Testing”, on October 7, 2023.



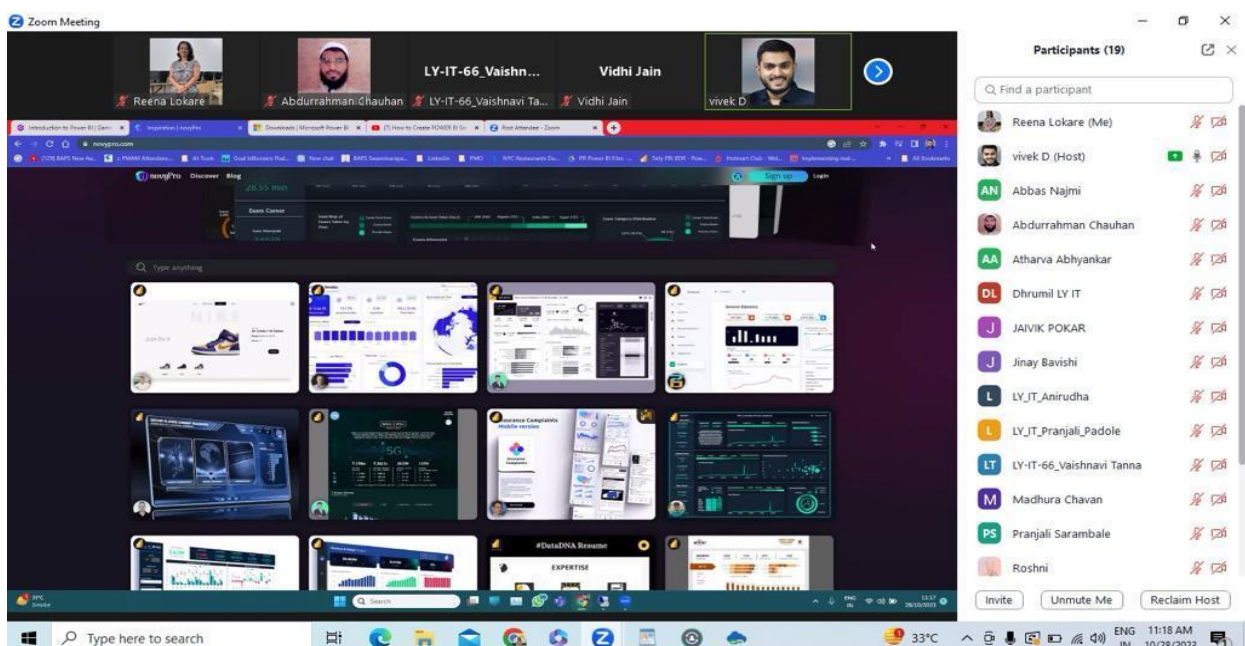
- Mrs. Seema Yadav Organized Webinar on “Building Resilient Startup and Online Mode” on October 18, 2023 .



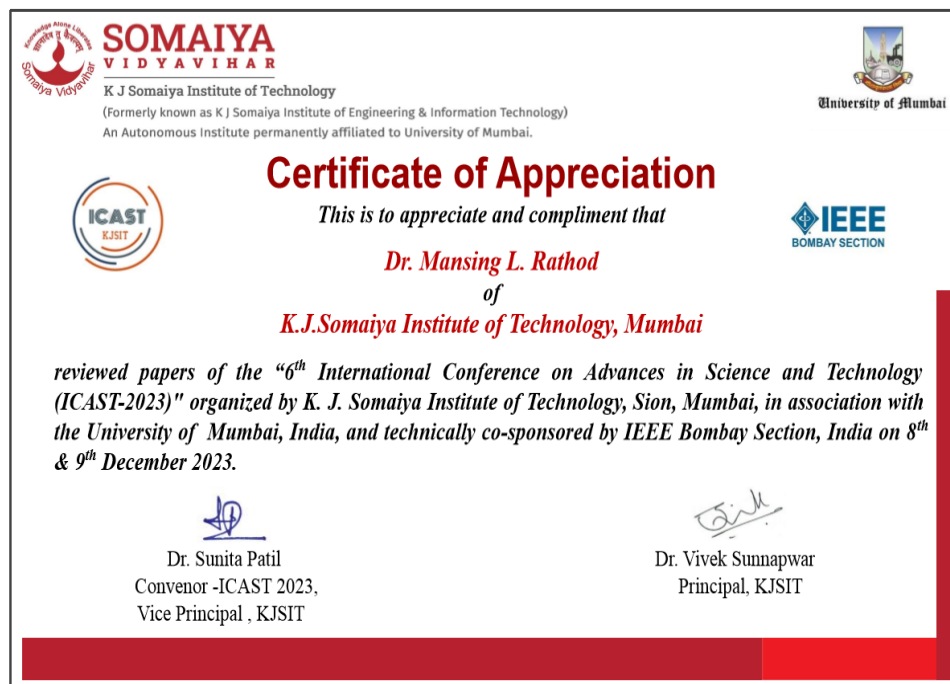
- Mrs. Nasim Shah, Organized Webinar on “Mastering Data Pipeline Design and Modeling: Best Practices for On-Premise”, on October 07, 2023.



- Dr. Reena Lokare, Organized Webinar on “Data Analytics using PowerBI” , on October 21, 2023.



- Dr. Radhika Kotecha has Published paper titled “AI-Powered Music Genre Classification for Pertinent Music Therapy in Education” in Indian Journal of Technical Education , during September 30, 2023.
- Dr. Radhika Kotecha served as Reviewer for 11th IEEE Humanitarian Technology Conference organized by IEEE Gujarat Section at Marwadi University, India during October 16-18, 2023.
- Dr. Mansing Rathod ,Mrs.Seema Yadav, Mrs. Nasim Shah , Dr. Vijaya Pinjarkar ,Dr. Harsh Bhor and Mrs. Sarita Rathod, has reviewed the research paper for 6th IEEE International conference on Advances in Science and Technology (ICAST-2023), Sion, Mumbai,during December 8-9,2023.



- Dr. Mansing Rathod has reviewed the research paper for 11th IEEE Humanitarian Technology Conference organized by IEEE Gujarat Section at Marwadi University, Rajkot, India, during October 16-18, 2023.



- Dr. Mansing Rathod, Published paper “ Identification and Classification of Plant Leaf Diseases using YOLO4-tiny Algorithms”, in 6th International Conference on Advance in Science and Technology (ICAST-2023) during December 8-9, 2023.



- Dr. Mansing Rathod, Published paper “Shoppers Delight-A web3 Integrated E-Commerce Application for Comparative Analysis”, in 6th International Conference on Advance in Science and Technology (ICAST-2023) during December 8-9, 2023.



- Dr. Mansing Rathod, Published paper “Developing Innovation and Technology through a Gender-Responsive Lens for Sustainable Progress”, in Global Conference on Sustainable and Futuristic Technologies during December 14-15, 2023, MMCOE,Pune.



- Dr. Mansing Rathod, Published paper “Skin Cancer Classification using Machine Learning and Convolutional Neural Networks”, in 8th International Conference on ICT For Sustainable Development during August 3-4, 2023.



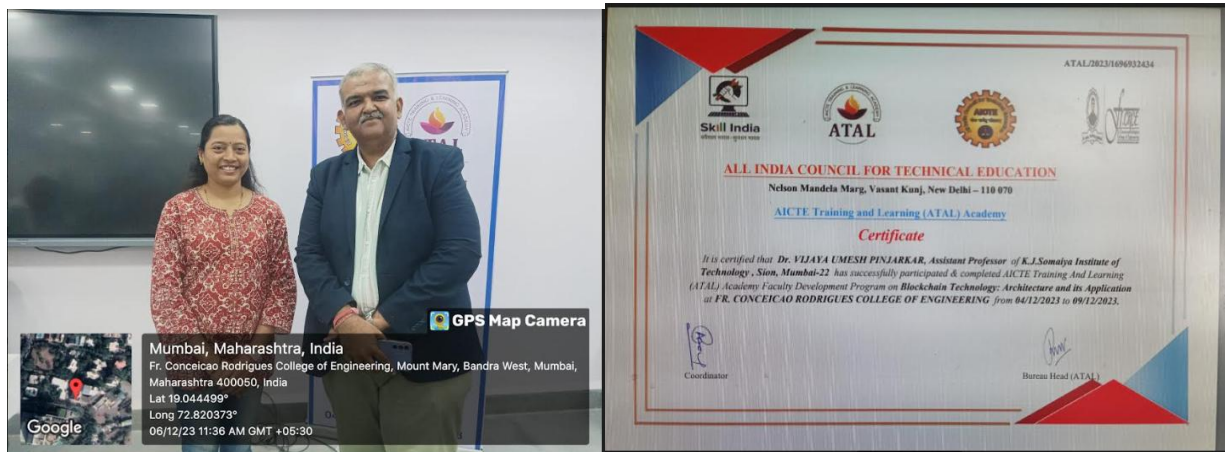
- Dr. Mansing Rathod has attended 14 Days National level Faculty Development Programme (FDP) on “Innovative Teaching Strategies and Tools in the digital age”, Founder and CEO, Scrollwell Company during October 20 to November 02, 2023



- Mrs Seema Yadav has participated in **2-Week Patent Course** conducted by Turnip Innovations during 21 August - 03 September , 2023.



- Dr. Vijaya Umesh Pinjarkar has attended AICTE Training and Learning (ATAL) on “Blockchain Technology : Architecture and its Application” at Fr. Conceicao Rodrigues College of Engineering, Bandra on December 04-09, 2023 .



- Dr. Vijaya Umesh Pinjarkar has attended One Week National Level Interdisciplinary Short Term Training Program on “Exploring Quality Research and its Societal Impact” organized by Department of First Year Engineering and Research & Development Cell, Dr. D. Y. Patil Institute of Technology, Pimpri, Pune, India. during October 09-13, 2023.
- Dr. Vijaya Umesh Pinjarkar has Published paper titled “Crowdfunding Campaigns Web Application Using Metamask”, in 6th IEEE- International Conference on Advances in Science and Technology (ICAST-2023) during December 08-09, 2023.
- Dr. Vijaya Umesh Pinjarkar has Published paper titled “Crowdfunding Campaigns Web Application Using Metamask”, in 6th IEEE- International Conference on Advances in Science and Technology (ICAST-2023) during December 08-09, 2023.



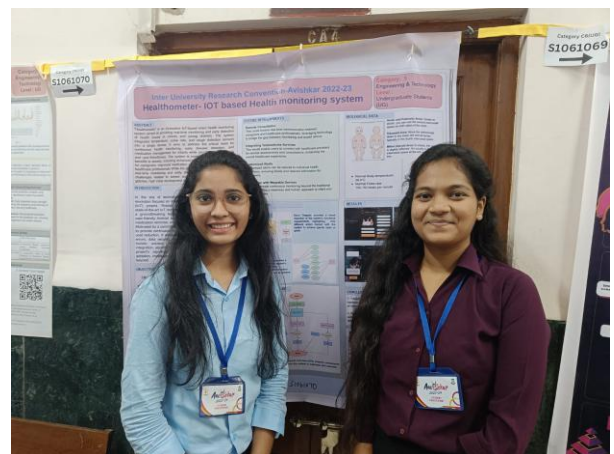
- Dr. Vijaya Umesh Pinjarkar has Published paper titled “Power Ballot: Exploiting Blockchain Technology”, in 6th International Conference on information system and management Science ISMS-2023 during December 23-24, 2023
- Dr. Harsh Bhor has Published paper titled “Power Ballot: Exploiting Blockchain Technology”, in 6th International Conference on information system and management Science ISMS-2023 during December 23-24, 2023
- Dr. Harsh Bhor has Published paper titled “Developing Innovation and Technology through a Gender-Responsive Lens for Sustainable Progress”, in Global Conference on Sustainable and Futuristic Technologies, MMCOE, Pune during December 14-15, 2023
- Dr. Harsh Bhor has Published paper titled “Power Ballot: Exploiting Blockchain Technology”, in 6th International Conference on information system and management Science ISMS-2023 during December 23-24, 2023
- Dr. Harsh Bhor has Published paper titled “Machine Learning Algorithm for Early Detection and Analysis of Brain Tumors Using MRI Image”, in International Journal on

Recent and Innovation Trends in Computing and Communication during September 24, 2023

- Dr. Harsh Bhor has Published paper titled “Enhancing Medical Education through Augmented Reality”, in 8th International Conference on Information and Communication Technology for Competitive Strategies (ICTCS-2023), Jaipur, India during December 2023
- Dr. Harsh Bhor has Published paper titled “Brain Stroke Detection using Machine Learning”, in International Conference on Emerging Materials (ICEMSMCI-2023) during December 2023.
- Dr. Harsh Bhor has Published paper titled “Development and modeling of personalized cancer drug therapies through omics analysis using machine learning”, in National Conference On Revolutionary Applications of Nutraceuticals and Functional Foods as Next-generation Metabolites - A Biotechnological Approach via Sustainable Agriculture, SRM Institute of Science and Technology during September 2023.
- Mrs. Nasim Shah has attended AI for Youth Program organized by Intel Digital Readiness during October 10, 2023.
- Mrs. Nasim Shah has attended FDP on CPR – Basic Cardiopulmonary Resuscitation organized by Faculty & Staff Development Centre Somaiya Vidyavihar University during November 28, 2023.
- Mrs. Nasim Shah has attended FDP on Data Analytics & Cloud Computing using Microsoft Azure organized by AICTE ATAL, EY-GDS and Edunet Foundation during December 11-16, 2023.
- Dr. Reena Lokare has attended Webinar on “Performing AI-Powered Content Generation and Code Writing with Generative AI” organized by Wiley India Webinar Series during September 27, 2023.
- Mrs. Sarita Rathod has attended FDP on Data Analytics & Cloud Computing using Microsoft Azure organized by AICTE ATAL, EY-GDS and Edunet Foundation during December 18-22, 2023.
- Mrs. Sarita Rathod has attended Research and Publication Ethics for Ph.D. students organized by Bharatiya Vidya Bhavan’s Sardar Patel Institute of Technology during December 1-10, 2023.
- Mrs. Sarita Rathod is certified as a coach of AI for Youth Program in India on 27th October, 2023 by DELL TECHNOLOGY and INTEL.
- Mrs. Sarita Rathod has Published paper titled “Crowdfunding Campaigns Web Application Using Metamask”, in 6th IEEE- International Conference on Advances in Science and Technology (ICAST-2023) during December 08-09, 2023.
- Mrs. Sarita Rathod has Published paper titled “Developing Innovation and Technology through a Gender-Responsive Lens for Sustainable Progress”, in Global Conference on Sustainable and Futuristic Technologies, MMCOE, Pune during December 14-15, 2023.
- Mrs. Sudeshna Baliarsingh has Published paper titled “ECG Compression using machine learning Technique with Wavelet Transform”, in 2nd IEEE International conference on Ambient Intelligence in Health Care (ICAHC-2023) during November 17-18, 2023.

3. Achievements of Students

- Students from Department of Information Technology Niyati Sawant, Vaishali Sirimalla, Harsh Sarda secured Merit in the Final Round in Medicine and Pharmacy of 18th Avishkar: Inter Collegiate/Institute/Department Research Convention 2023-24 organized by University of Mumbai on 20th December, 2023.



- Student from Department of Information Technology Manav Gupta secured Third rank in Hardware Hackathon organized by Thadomal Sahani College of Engineering on 1st December 2023.



CERTIFICATE OF ACHIEVEMENT

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Manav Gupta (Executioners)

WHO HAS BEEN AWARDED 3rd POSITION IN
'TECH-A-THON'23' (48 Hrs HARDWARE HACKATHON)
CONDUCTED BY 'ELECTROVERSE COMM-TSEC 2022-23',
ALONG WITH THE DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING
OF THADOMAL SHAHANI ENGINEERING COLLEGE.
(DATE OF ISSUE: 01/04/2023)

PRINCIPAL &
CONVENER

HEAD OF DEPARTMENT
(E&TC)

CO-ORDINATOR

CO-ORDINATOR