



B.M.S. COLLEGE OF ENGINEERING BENGALURU-19

(Autonomous Institute, Affiliated to VTU)

Department Of Computer Applications

Placement Club Activities (July 2024- June 2025)

July 4, 2024: Prof. R V Raghavendra Rao, faculty placement coordinator, conducted placement club activity for MCA 2nd Semester (Sec-A) students. During this, he explained the entire placement process, emphasized on how to prepare for tests and interviews, significance of stress management along with the technical skills, problem-solving abilities and analytical thinking. This session also focused on hands-on exercises to enhance coding skills through HackerEarth platform.



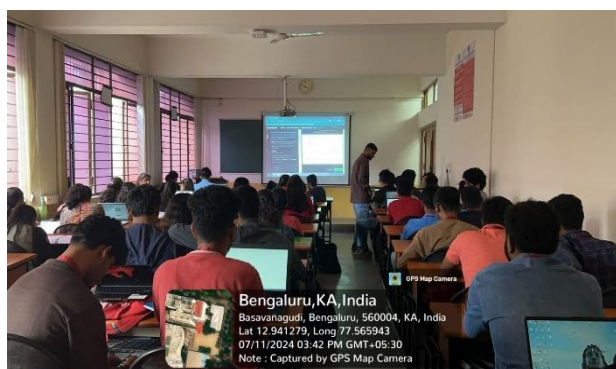
July 4, 2024: Prof. R V Raghavendra Rao, faculty placement coordinator, conducted placement club activity for MCA, 2nd Sem(Sec-B) students. During this session HackerRank platform was chosen to solve difficult problems.



July 11, 2024: Placement Club, Department of Computer Applications held a session on data types and basic programming constructs of Java and Python. During this session some of the second semester MCA (Sec-A) students, who participated in interview process shared their experiences.



July 11, 2024: Placement Club, Department of Computer Applications held a session on coding problems from Hackerrank, inorder to ease out the coding questions asked during placements.



July 18, 2024: Placement Club, Department of Computer Applications conducted a

session focused on enhancing Python and Java programming skills. The session aimed to assess their foundational knowledge through practical exercises and MCQ tests tailored to each language.



July 18, 2024: Placement Club, Department of Computer Applications conducted Coding session – solving variety of problems selected from HackerRank and Public Speaking Session for second semester MCA (Sec-B).



July 25, 2024: Ananya Rao (1BM22MCo02) conducted an informative session regarding

placements and provided valuable insights into the upcoming placement opportunities. During this, coding challenges were designed to assess logical thinking and coding proficiency of second semester MCA (Sec-A) students.



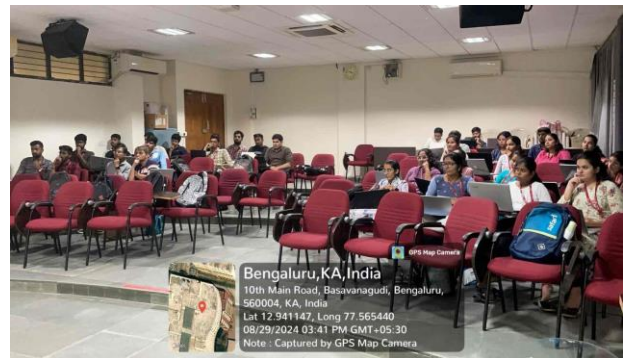
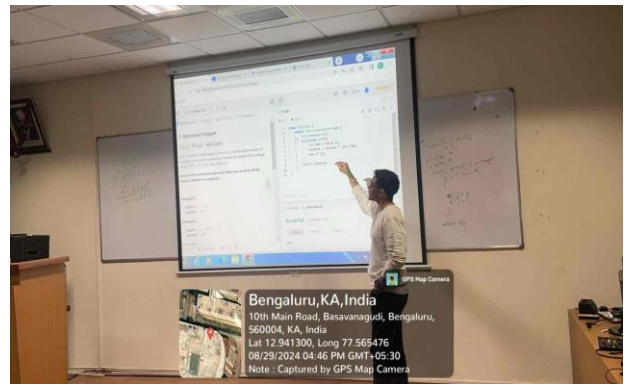
July 25, 2024: Placement Club, department of Computer Applications conducted session on conveying the technical words with actions and related words to enhance domain knowledge. During the second session quiz was conducted on programming language (python).



Aug 22, 2024: Placement Club, Department of Computer Applications held a session for second semester MCA(Sec A) students. During this Ms.Apoorva, Ms.Pavithra and Mr.Manohar, MCA students shared their experiences of their recent interviews with companies like Myntra, IBM. Prof. R V Raghavendra Rao, faculty placement coordinator provided crucial guidance by stressing the need to concentrate on technical skills and reinforcing understanding of programming basics.



Aug 22, 2024: Placement Club, Department of Computer Applications held a session, focused on problem solving and programming skills for second semester MCA(Sec B) students.



Aug 29, 2024: Placement Club, Department of Computer Applications held a session. for second semester MCA(Sec B) students, focused on coding questions asked during placements to enhance their problem-solving skills.



Aug 29, 2024: Placement Club, Department of Computer Applications held a session for second semester MCA(Sec A) students, to enhance problem solving and programming skills. During this session, each students had given chance to share coding and debugging issues, which they had come across.





Sep 5, 2024: Placement Club, Department of Computer Applications held a session for second semester MCA(Sec A) students. During this session a variety of coding questions were given to solve to test problem-solving and programming skills. Along with the coding exercises, there was also a group discussion component. This allowed them to collaborate with each other, improve communication skills and gain insights from diverse perspective.



Sep 5, 2024: Placement Club, Department of Computer Applications held a session on mock interview sessions, which covered both technical and HR rounds for second semester MCA(Sec B) students.. During technical round students were asked questions based on their domain knowledge, including problem-solving and coding challenges, similar to those asked in technical interviews. In HR Round, students were evaluated on soft

skills, their ability to articulate answers, and handle common HR-related questions.



Sep 12, 2024: Placement Club, Department of Computer Applications held a session to provide a realistic interview experience through mock interviews, combining both sections A and B.

The interview panel consisted of eight interviewers organized into four pairs, comprising placement coordinators and selected students acting as interviewers. The remaining students participated as interviewees.

The mock interviews were designed to simulate the actual placement interview process. This experience helped participants build confidence and familiarize themselves with common interview questions and expectations. The interviews assessed both technical and behavioural skills, providing a well-rounded experience for all those who participated in this session.



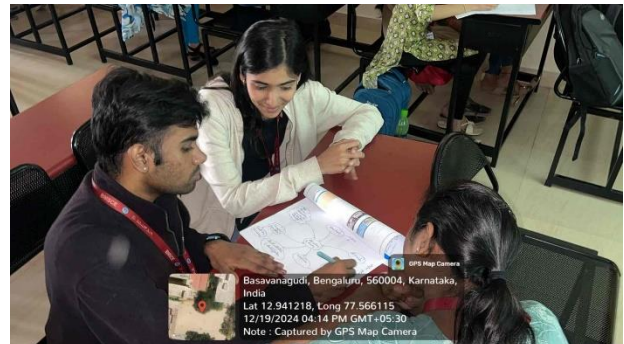
Dec 12, 2024: The Placement Club of the Computer Applications Department organized an interactive meet where students who had attended interviews shared their experiences with their peers. This initiative offered valuable insights into the interview process, helping others understand what to expect and how to prepare effectively. Additionally, the event provided a platform for select students to speak on stage, allowing them to introduce themselves and discuss various topics. This activity aimed to enhance communication skills and boost confidence in public speaking. Overall, it was an engaging and enriching session focused on fostering the personal and professional growth of all participants. This session was held for third semester (Sec-A) students.



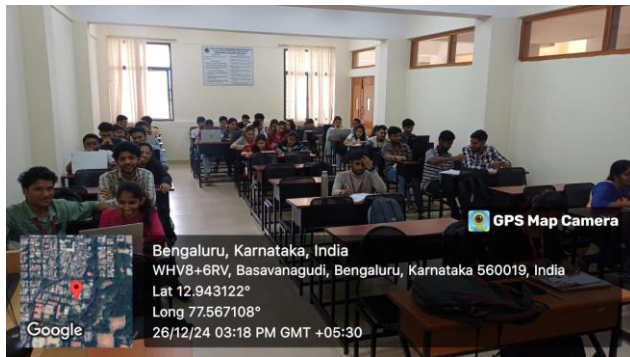
Dec 12, 2024: The Placement Club of the Computer Applications Department conducted a group discussion activity for third-semester (Sec-B) students, aiming to enhance their communication and analytical skills.



Dec 19, 2024: The Placement Club of the Department of Computer Applications organized an activity for third-semester MCA students to enhance their communication skills. Students were divided into teams of three, each assigned a specific topic to create a mind map for organizing their thoughts and ideas effectively. Additionally, a resume-building session was conducted to emphasize the importance of showcasing key skills, qualifications, work experience, and accomplishments, helping students stand out to potential employers.



Dec 26, 2024: The Placement Club of the Department of Computer Applications organized Technical and Communication sessions for third-semester MCA students. The first session was a coding activity designed to enhance coding skills and improve the ability to code within a time frame. The second session was a "Pick and Speech" activity, where students drew chits with technical topics and spoke for about two minutes on the assigned topic.



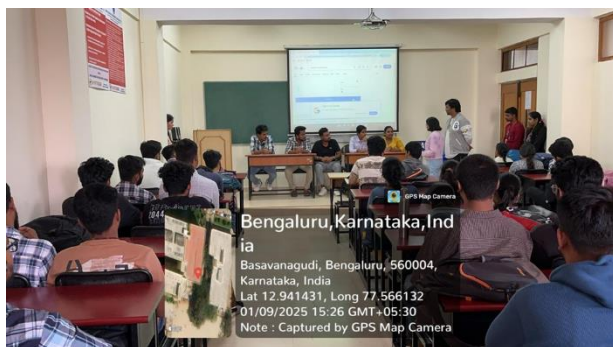
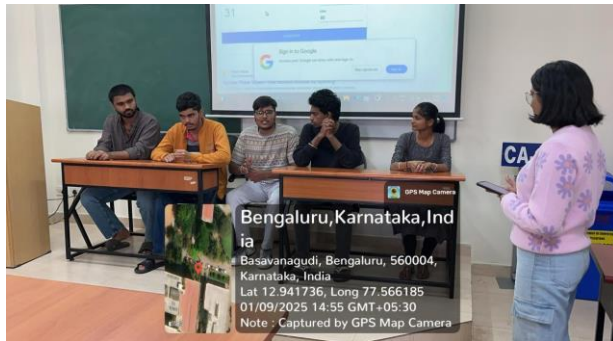
Jan 02, 2025: The Placement Club of the Department of Computer Applications organized a "Group Discussion" session for MCA first-semester (Sec-A) students. The discussion covered a range of topics, including the best ways to overcome FOMO, online vs offline learning, whether modern cinemas are corrupting youth, the impact of social media on society, the influence of technology on jobs, and the relationship between mental health and creativity.



Jan 02, 2025: The Placement Club of the Department of Computer Applications organized a "Group Discussion" session for MCA first-semester (Sec-B) students. The discussion topics included Social Media: Boon or Bane, Academics vs. Co-Curricular Activities, Private Schools vs. Government Schools, Arranged Marriage vs. Love Marriage, and Online Learning.



Jan 09, 2025: The Placement Club of the Department of Computer Applications organized a Panel Discussion for MCA first-semester (Sec-A) students, where the students were divided into groups of five. Each group was assigned a theme, which covered topics such as Artificial Intelligence and related technologies, social media, teamwork, and more.



Jan 09, 2025: The Placement Club of the Department of Computer Applications conducted a session for MCA first-semester (Sec-B) students, aimed at refining their self-presentation, time management, and interview skills through a series of interactive activities.



Jan 16, 2025: The Placement Club of the Department of Computer Applications conducted a mock HR interview for first-semester (Sec-A) students, aimed at familiarizing them with common interview questions asked by HRs and providing advice on how to answer effectively to create a positive impression.



Jan 16, 2025: The Placement Club of the Department of Computer Applications organized activities focused on enhancing coding knowledge and general aptitude. During the

session, students who participated in the “Ideathon” competition shared their experiences and ideas, which served as an inspiration to others.

Next, a session was conducted featuring a curated set of questions focusing on general aptitude, simple algebraic problems, HTML, and Python. The session was held under a strict time limit to simulate real-world placement test conditions.

Finally, an MCQ session was conducted with Python code snippets, where students had to analyze and identify the correct answers. Some of the codes were tricky, often overlooked by students, adding an extra layer of challenge.



Jan 23, 2025: The Placement Club of the Department of Computer Applications conducted activities for MCA First Semester (Section A) students, focusing on key aspects of the placement process such as interview preparation, resume building, and problem-solving skills.



Jan 23, 2025: The Placement Club of the Department of Computer Applications conducted a session for MCA First Semester (Section B) students, focusing on general aptitude to assess their ability to identify relationships between words, ideas, and concepts. This was followed by a resume-building session, guiding students on creating professional resumes, tailoring them to specific job roles, and avoiding common mistakes.



Jan 30, 2025: The Placement Club of the Department of Computer Applications conducted a session on Aptitude and Scenario-Based Assessments, focusing on logical reasoning and numerical skills. Scenario-based questions were designed to evaluate practical application, critical thinking, and behavioral responses in real-world situations. Combined, these assessments provided a comprehensive evaluation of a candidate's overall competency.

Feb 06, 2025: The Placement Club of the Department of Computer Applications conducted an engaging placement activity aimed at enhancing students' aptitude, coding skills, and interview preparation for MCA first semester, Sec-A students. The session included an online quiz with 40 questions on logical reasoning, aptitude, and coding, conducted via Google Forms with multiple question sets. A fun debate followed, where students were grouped into threes to enhance their communication skills. The final segment introduced HackerRank, guiding students on account setup and problem-solving techniques to aid in interview preparation.



Feb 06, 2025: The Placement Club of the Department of Computer Applications conducted a placement activity designed to enhance students' aptitude, coding skills, and interview preparation for MCA first semester, Sec-B students. The session featured a **quiz with 40 questions**, structured like a **CIE-1 assessment**, covering various concepts across **four unique sets**. Additionally, students were introduced to the **HackerRank platform**, where they learned how to create an account and start solving challenges to improve their coding proficiency for interviews. This interactive session provided valuable insights and skills to help students excel in their placement journey.



Feb 13, 2025: The Placement Club of the Department of Computer Applications conducted a structured placement activity for 1st semester MCA (Section A) students, focusing on technical and soft skill assessment. The process included a HackerRank coding test to evaluate programming and problem-solving skills, one-on-one interviews covering technical and behavioural aspects, and a resume review with constructive feedback on formatting, key skills, and professional presentation.





Feb 13, 2025: The Placement Club conducted a **placement activity** for 1st semester MCA (Section B) students focused on enhancing **technical skills** and **professional readiness**. The session was divided into two halves: the **first half** covered **SQL fundamentals**, including **JOIN**, **nested queries**, **GROUP BY**, and **aggregate functions**, essential for database management and interviews. The **second half** featured a **resume review** by seniors, providing **constructive feedback** to improve clarity, content, and presentation. This session proved highly beneficial in preparing students for placements.



Feb 20, 2025: The Placement Club, Department of Computer Applications conducted a **hands-on training session** on **Git** and **GitHub** to enhance students' skills in **collaborative coding** and **repository management**. The session covered **Git installation**, **version control basics**, and essential commands like **init**, **clone**, **add**, **commit**, and **push**. Students also created **GitHub accounts**, learned about **public vs. private repositories**, and practiced **pushing code** to GitHub. This interactive session equipped students with valuable industry-relevant skills for their **placement preparation**. This session was organized for 1st semester MCA (Section B) students.





Feb 20, 2025: The Placement Club of Department of Computer Applications conducted a placement activity session featuring two key exercises: a **Company-wise Aptitude Quiz** and a **Pick and Speak** session. The quiz, held on **Kahoot**, included **aptitude questions from companies like Deloitte, Accenture, and IBM**, helping students im-

prove **speed and accuracy** for job interviews. In the **Pick and Speak** activity, students selected a topic and spoke for **2+1 minutes**, enhancing their **communication skills, confidence, and vocabulary**. The session provided valuable practice for **aptitude tests and interview preparation**. This session was organized for 1st semester MCA (Section A) students.



Feb 27, 2025: The Placement Club of the Department of Computer Applications organized a placement activity focusing on “LeetCode problem-solving, time complexity analysis”, also the significance of time complexity in coding and algorithms.



Creating Leetcode Profile Session



Interactive Leetcode Profile Session



Interactive Time Complexity Session

March 06, 2025: The Placement Club of the Department of Computer Applications organized a placement activity featuring three key sessions: an aptitude test, about GitHub and a session on strategies for securing job opportunities.

1. **Aptitude Test:** The aptitude test provided students with an opportunity to showcase their problem-solving abilities, logical thinking, and analytical skills.



2. **Session on GitHub:** Students were introduced to Git and its functionalities, learning how to use Git for version control

and push code to GitHub. The session covered:

- Installing Git and understanding its features.
- Creating and managing GitHub accounts.
- Exploring repositories (Public vs. Private).
- Encouraging best practices for collaborative software development.



3. Session on Career Opportunities:

This session focused on essential career-building strategies, emphasizing skill development, networking, confidence, and adaptability. Students gained insights into identifying the right opportunities, taking initiative, and maximizing available resources for career success.



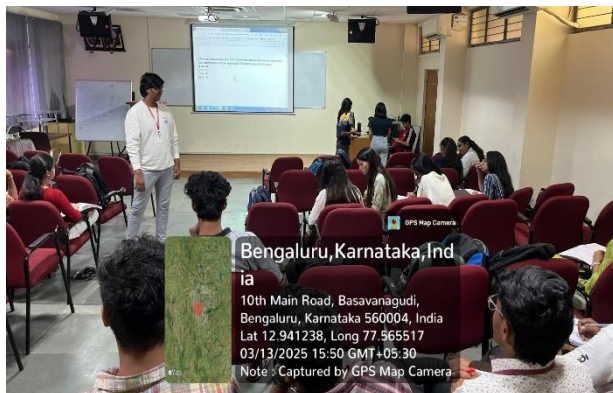
March 13, 2025: The Placement Club of the Department of Computer Applications conducted interactive session on Kahoot quiz, problem-solving sessions on averages and age-based word problems and a LinkedIn profile creation.

1. The **Kahoot quiz** made placement preparation engaging and interactive, testing students' knowledge in a fun, competitive way.



2. Average and Age-Based Word Problems

- **Average Problems:** Helped students develop numerical proficiency by calculating means and determining missing values, essential skills for roles requiring analytical thinking.
- **Age-Based Problems:** Focused on logical reasoning and algebraic skills by solving equations related to age relationships over time, building confidence for placement exams and quantitative assessments.



3. LinkedIn Profile Creation:

Students were guided on creating and optimizing their LinkedIn profiles to enhance professional networking, personal branding, and job search opportunities. A well-structured LinkedIn profile helps showcase skills, experience, and achievements while connecting with recruiters and industry professionals.



April 06, 2025: The Placement Club of the Department of Computer Applications conducted following activities:

Aptitude Test-Enhanced analytical, logical thinking, and problem-solving skills.



GitHub Session - Covered Git installation, key functionalities, code pushing, best practices, account setup, and repository types (Public vs. Private).



Placement Guidance- Emphasized skill development, networking, confidence, and adaptability, guiding students to identify and pursue career opportunities proactively.



April 08, 2025: A virtual session was conducted by Mr. Karan Kumar, Head of Shruth & Smith Group and serial entrepreneur, to explore internship opportunities for 4th Semester MCA students. Organized by Prof. R V Raghavendra Rao and Prof. T S Pushpa as part of the Placement Club activities, Dept. of Computer Applications, the session provided insights into current internship openings and highlighted projects like the Rural Enablement Program (REP), which promotes rural development through technological and entrepreneurial initiatives. The session aimed to bridge academic learning with practical experience, preparing students for meaningful, socially impactful internships.



April 13, 2025: The Placement Club of the Department of Computer Applications conducted following activities:

Kahoot Quiz: An interactive, fun way to test students' knowledge, enhancing engagement and boosting preparation for placement tests and interviews.



Average and Age Word Problems: Strengthened numerical and logical reasoning through practice with averages and age-based problems, building confidence for quantitative assessments in placement exams.



Creating LinkedIn Profiles: Guided students in setting up LinkedIn profiles to enhance professional networking, showcase skills, and improve visibility to recruiters.



May 15, 2025: The Placement Club, department of Computer Applications, organized two focused sessions for second semester MCA Students, to support students in their placement preparation:

LeetCode Practice Session: A coding-focused session to improve problem-solving skills through real interview questions, covering topics like arrays, strings, and dynamic programming.



Company Analysis Session: Facilitated students to understand recruitment trends and interview formats, offering insights into company expectations and preparation strategies for both technical and HR rounds.



May 22, 2025: The Placement Club of the Department of Computer Applications conducted a session on analysing Companies, where students explored the skill sets required to get into their target companies. The session focused on understanding company expectations, helping students to align their preparation accordingly. Students were grouped by target companies to enable preparation through company-specific research, mock interviews, and aptitude practice. The session covered commonly asked questions in areas like quantitative analysis, logical reasoning, and verbal ability, enhancing their placement readiness.



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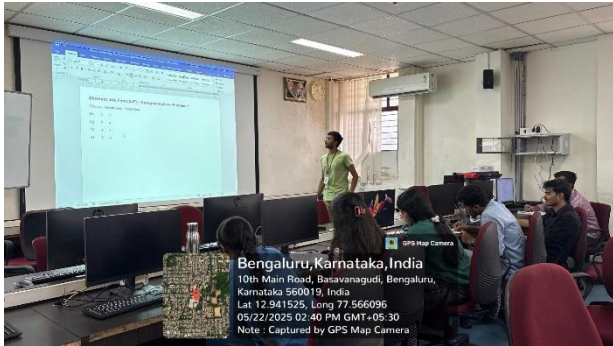
DELOITTE



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IBM



MATHCO



ORACAL



ORACAL

May 29, 2025: Placement Club of Dept. of Computer Applications conducted a session, focused on enhancing students' placement readiness through a company-specific approach. Students were grouped based on their target companies and engaged in in-

depth research, including assessment patterns and frequently asked questions. The session emphasized three key areas:

Company Analysis: Groups studied company profiles and expectations to tailor their preparation strategies.

Aptitude Practice: Students solved aptitude and logical reasoning questions commonly asked in company tests, covering topics like quantitative aptitude, verbal ability, and data interpretation.

Technical Preparation: Key theory subjects such as Operating Systems, DBMS, and Computer Networks were discussed, along with coding challenges focusing on Data Structures and Algorithms.



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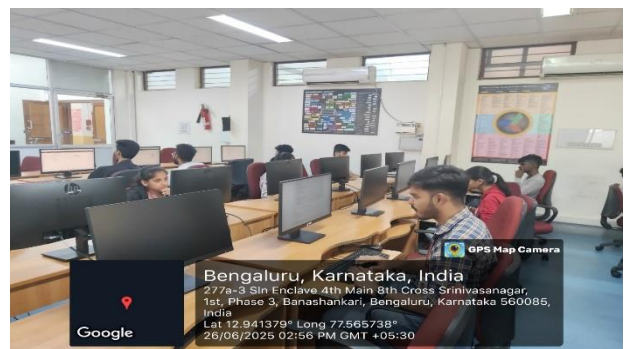
MATHCO

June 5, 2025: Placement Club, Department of Computer Application conducted a Hackerrank Coding Assessment to strengthen placement readiness, offering students hands-on experience with real-time online coding tests commonly used by recruiters. The individual, timed assessments simulated actual placement environments, helping students gain confidence with the interface, question patterns, and time constraints of technical evaluations. This activity is conducted for MCA second semester section A and B.

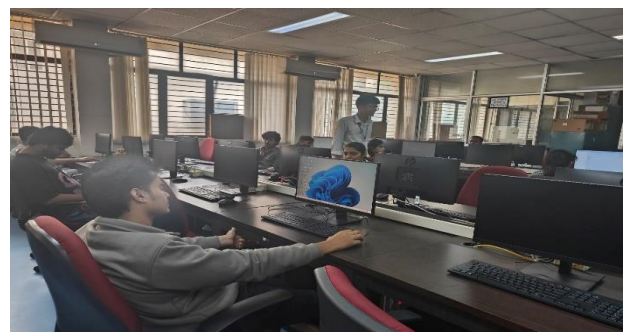




Explanation of the coding questions



June 26, 2025: Department of Computer Application conducted a placement-oriented coding contest on the Hackerrank platform. The challenge featured problems categorized into Easy, Medium, and Hard levels. Students began with Easy-level questions and progressed to more advanced problems upon completion. The questions focused on key concepts such as Data Structures, String Handling, and Lambda Expressions, offering participants a well-rounded practice experience aligned with industry expectations.





Students solving Coding questions



Students solving Coding questions

Faculty Coordinator



Prof. R V Raghavendra Rao

Student Coordinators



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