



GAYATRI VIDYA PARISHAD COLLEGE FOR DEGREE AND PG COURSES (A)

Rushikonda, Visakhapatnam-530 045 | website: www.gvpcdpgc.edu.in

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Visakhapatnam

Department of Computer Applications

Training Programs (2022-2024)

DATE- 7-5-2023

CIRCULAR

It is informed that all the students of MCA 3rd Semester request to attend the training program on **CRT Classes** on **Every Friday** i.e, **2pm to 5pm** organized by **CRT Classes** conducted in the Seminar Hall by Department of Computer Applications, G.V.P. College for Degree and PG Courses(A)


Director of MCA
Prof. I. S. Pallavi

Department of C.A.
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For Degree and P.G. Courses (A)
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Department of Computer Applications

Training Programs (2022-2024)

Report on CRT Classes

Date of Report:

Program Title: CRT Classes

Duration: Every Friday

Faculty Instructors: Maruthi kumar Kakarla

Program Coordinator: B. Divakar

The **CRT Classes** Training Program was conducted on Every Friday, organized by **C.E.E.P** Training Institute. The program aimed to equip participants with the fundamental skills and basic knowledge.

Objective

The CRT Classes Program was designed to prepare final-year students for campus recruitment by equipping them with essential technical, aptitude, and communication skills. The primary focus was on enhancing proficiency in coding, data structures, and emerging technologies, while simultaneously strengthening quantitative, logical, and verbal reasoning abilities. The program also emphasized confidence-building and interview readiness to ensure students could perform effectively in placement drives.

Program Structure

The training was conducted over multiple sessions, each focusing on a specific skill set.

Foundation Phase — Weeks 1-2

Arithmetic & Verbal Basics

Week 1

- **Spelling Correction** (Jayasree)
- **Time & Work** (Maruthi Kumar)

Week 2



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- **Tenses** (Jayasree)
- **Mensuration** (Maruthi Kumar)

Skill Building Phase — Weeks 3-4

Applied Aptitude & Grammar

Week 3

- **Pipes & Cistern** (Rajesh)
- **Data Sufficiency** (Maruthi Kumar)

Week 4

- **Idioms & Phrases** (Jayasree)
- **Ratio & Proportion** (Rajesh)

Reasoning & Communication — Weeks 5-6

Logic & Sentence Skills

Week 5

- **Sentence Completion** (Jayasree)
- **Ages & Calendar** (Rajesh)

Week 6

- **Mixture & Alligation** (Maruthi Kumar)
- **Sentence Filler Proverbs** (Jayasree)

Advanced Aptitude — Weeks 7-8

Probability & Combinatorics

Week 7

- **Partnerships** (Maruthi Kumar)
- **Permutation & Combination** (Maruthi Kumar)

Week 8

- **Probability** (Maruthi Kumar)
- **Articles & Prepositions** (Jayasree)



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Final Phase — Weeks 9-10

Revision & Mixed Practice

Week 9

- **Mensuration** (Maruthi Kumar)
- **Word Usage** (Jayasree)

Week 10

- **Boats & Streams** (Rajesh)
- **HCF & LCM** (Maruthi Kumar)

Week 11

- **Sentence Improvement** (Jayasree)
- **Percentage** (Maruthi Kumar)

Week 12

- **Para Jumbles** (Chethana)
- **Average** (Maruthi Kumar)



Placement Dean Dr. D.Giri Sir Explaining the importance of CRT Classes



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Department of Computer Applications

Training Programs (2022-2024)



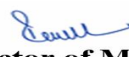
Students Listening to the class

Outcomes

The CRT Classes Program yielded significant improvements in student performance. Participants demonstrated enhanced problem-solving speed, stronger coding proficiency, and improved confidence in interviews. The structured curriculum and continuous assessments contributed to higher placement success rates, with students reporting that feedback sessions played a crucial role in their progress.

Conclusion

The CRT Classes Program successfully achieved its objective of preparing students for campus placements. By combining a structured curriculum with interactive methodologies and regular assessments, the program ensured that students developed technical expertise, aptitude skills, and communication abilities. The initiative not only improved placement readiness but also fostered overall skill development, making students industry-ready.


Director of MCA
Prof. I. S. Pallavi

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Department of Computer Applications

Training Programs (2022-2024)

DATE- 9-05-2023

CIRCULAR

It is informed that all the students of MCA 3rd Semester request to attend the training program on **Soft Skills** from **10-05-2023** to **10-05-2023** i.e, **1 day** organized by **Soft Skills** conducted in the Seminar Hall by Department of Computer Applications, G.V.P. College for Degree and PG Courses(A)


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Department of Computer Applications

Training Programs (2022-2024)

Report on Soft Skills

Date of Report:

Program Title: Soft Skills

Duration: 10-05-2023 to 10-05-2023

Faculty Instructors: Mrs. Chetana Harika Oruganti

Program Coordinator: B. Divakar

The **Soft Skills** Training Program was conducted from 10-05-2023 to 10-05-2023, organized by **BRIX COSMOS** Training Institute. The program aimed to equip participants with the fundamental skills and basic knowledge.

Objective

The Soft Skills Program was designed to strengthen students' interpersonal, communication, and professional skills. The primary objective was to build confidence, improve verbal and non-verbal communication, and enhance teamwork and leadership qualities essential for campus placements and workplace success.

Program Structure

Day 1: Communication Skills and Personality Development The program began with an introduction to the importance of soft skills in professional life. Students were trained in verbal and non-verbal communication, including active listening, effective speaking, and body language. The session emphasized how communication impacts interviews, group discussions, and workplace collaboration.

Day 2: Teamwork and Leadership The second day focused on collaborative skills. Through group activities and role-play exercises, students learned the



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Training Programs (2022-2024)

value of teamwork, adaptability, and leadership. Practical scenarios were used to demonstrate how effective leaders motivate teams and resolve conflicts.

Day 3: Professional Etiquette and Emotional Intelligence The third day highlighted workplace etiquette, including dress code, punctuality, and professional behavior. Emotional intelligence was introduced as a critical skill for managing stress, building relationships, and maintaining composure in challenging situations.

Day 4: Interview Skills and Presentation Techniques The final day concentrated on interview preparation and presentation skills. Students participated in mock interviews to practice confidence, clarity, and structured responses. Presentation exercises helped them improve public speaking, articulation, and audience engagement.

Methodologies

The program employed interactive lectures, role-plays, group discussions, and mock interviews. Real-world examples were used to demonstrate workplace challenges, while peer learning encouraged students to share feedback and improve collectively.





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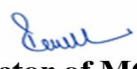


Outcomes

Students reported improved confidence in communication and group interactions. They demonstrated better clarity in expressing ideas, enhanced teamwork skills, and greater awareness of professional etiquette. Faculty feedback confirmed that participants became more proactive and interview-ready.

Conclusion

The Soft Skills Program successfully achieved its objective of equipping students with essential interpersonal and communication skills. By combining interactive methodologies with practical exercises, the program fostered holistic development and prepared students to face professional challenges with confidence.


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Training Programs (2022-2024)

DATE- 23-04-2023

CIRCULAR

It is informed that all the students of MCA 3rd Semester request to attend the training program on **INFINITIQ Training (DS and Python)** from **24-04-2023** to **03-05-2023** i.e, **10 days** organized by **INFINITIQ Training (DS and Python)** conducted in the Seminar Hall by Department of Computer Applications, G.V.P. College for Degree and PG Courses(A)


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Training Programs (2022-2024)

Report on INFINITIQ Training (DS and Python)

Date of Report:

Program Title: INFINITIQ Training (DS and Python)

Duration: 24-04-2023 to 03-05-2023

Faculty Instructors: M Krishna Chaitanya

Program Coordinator: B. Divakar

The **INFINITIQ Training (DS and Python)** Training Program was conducted from 24-04-2023 to 03-05-2023, organized by **Logic Works** Training Institute. The program aimed to equip participants with the fundamental skills and basic knowledge.

Objective

The INFINITIQ Training Program was organized to strengthen students' knowledge of **Data Structures (DS)** and **Python programming**. The main objective was to enhance their coding proficiency, logical reasoning, and problem-solving skills, ensuring they were well-prepared for academic projects and campus recruitment processes.

Program Structure

Day 1–2: Python Fundamentals The training began with an introduction to Python basics, covering syntax, variables, operators, and control structures. Students practiced simple programs to build confidence in coding.

Day 3–4: Functions and Data Handling Sessions focused on modular programming using functions, recursion, and file handling. Practical exercises included solving mathematical problems and managing data files.

Day 5–6: Arrays and Strings Students were introduced to arrays and string manipulation. They practiced searching, sorting, and analyzing time complexity, with emphasis on writing efficient code.



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Day 7–8: Linked Lists and Stacks Dynamic data structures such as linked lists and stacks were taught. Students implemented these in Python and solved problems related to expression evaluation and memory management.

Day 9–10: Queues, Trees, and Graphs Advanced topics including queues, binary trees, and graph traversal algorithms were covered. Students applied these concepts to coding challenges on platforms like HackerRank and LeetCode.

Day 11: Revision and Mock Test The final day was dedicated to revision and practice. A comprehensive problem set was given, followed by a mock coding test simulating placement scenarios.

Methodologies

The program combined interactive lectures, coding demonstrations, and hands-on practice. Real-world examples were used to explain DS applications, while coding challenges reinforced learning. Online platforms such as GitHub and HackerRank were integrated for assignments. Peer learning was encouraged through group coding sessions, and regular feedback helped students overcome difficulties.



M Krishna Chaitanya delivering lecture during the Session



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Training Programs (2022-2024)



Students are actively participating in the Program

Students are actively participating in the Program

Outcomes

The training significantly improved students' coding proficiency and logical thinking. Participants reported increased confidence in solving DS problems and Python tasks. Faculty feedback highlighted that students demonstrated stronger analytical skills, better coding efficiency, and readiness for technical interviews.

Conclusion

The INFINITIQ Training Program successfully achieved its objective of equipping students with essential skills in Data Structures and Python programming. The structured curriculum, combined with practical



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Training Programs (2022-2024)

methodologies and assessments, ensured that participants were well-prepared for academic projects and campus recruitment challenges.

A handwritten signature in blue ink, appearing to read 'I.S. Pallavi'.

Director of MCA

Prof. I.S. Pallavi

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Training Programs (2022-2024)

DATE- 02-07-2023

CIRCULAR

It is informed that all the students of MCA 3rd Semester request to attend the training program on **CRT Training** from **03-07-2023** to **07-07-2023** i.e, **5 days** organized by **CRT Training** conducted in the Seminar Hall by Department of Computer Applications, G.V.P. College for Degree and PG Courses(A)


Director of MCA

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Training Programs (2022-2024)

Report on CRT Training

Date of Report: 9-7-2023

Program Title: CRT Training

Duration: 03-07-2023 to 07-07-2023

Faculty Instructors: C.E.E.P Team

Program Coordinator: B. Divakar

The **CRT Training** Training Program was conducted from 03-07-2023 to 07-07-2023, organized by C.E.E.P Training Institute. The program aimed to equip participants with the fundamental skills and basic knowledge.

Objective

The CRT Training Program was organized to prepare students for campus recruitment drives by equipping them with essential skills in quantitative aptitude, logical reasoning, and verbal communication. The primary objective was to strengthen problem-solving ability, improve analytical thinking, and enhance communication skills, ensuring students were industry-ready and confident in placement assessments.

Program Structure

Day 1: Quantitative Aptitude – Arithmetic Basics The first day focused on arithmetic fundamentals such as spelling correction and time-and-work problems. Students practiced multiple problem sets to build speed and accuracy.

Day 2: Quantitative Aptitude – Mensuration and Grammar The second day introduced topics like tenses and mensuration. Faculty emphasized practical problem-solving strategies and grammar exercises to improve clarity in communication.

Day 3: Logical Reasoning and Data Sufficiency On the third day, students worked on pipes and cistern problems along with data sufficiency. These sessions helped them develop logical deduction skills and analytical reasoning.



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Training Programs (2022-2024)

Day 4: Verbal Ability – Idioms and Ratios The fourth day concentrated on idioms, phrases, and ratio-proportion problems. Students practiced sentence construction and mathematical applications, reinforcing both verbal and quantitative skills.

Day 5: Verbal and Quantitative Mix The final day covered sentence completion, ages, and calendar problems. Students applied time management strategies during practice sessions and mock tests to simulate placement exam conditions.

Methodologies

The program employed interactive lectures, practice sessions, and mock assessments. Faculty members explained concepts using placement-oriented examples, while students solved multiple practice problems to reinforce learning. Group activities and peer learning were integrated to encourage collaboration. Mock tests were conducted periodically to simulate real recruitment exams, helping students improve speed and accuracy.



Students Listening the class

Outcomes

The CRT Training Program resulted in significant improvement in student performance. Participants reported enhanced confidence in tackling aptitude and verbal sections of recruitment tests. Faculty feedback indicated that students



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demonstrated stronger analytical thinking, improved communication skills, and better accuracy in problem-solving.

Conclusion

The CRT Training Program successfully achieved its objective of preparing students for campus placements. With a structured schedule, dedicated faculty, and effective teaching methodologies, the program equipped students with essential skills in quantitative aptitude, logical reasoning, and verbal communication. The initiative not only improved academic performance but also enhanced employability, ensuring students were better prepared to face competitive recruitment processes.

Director of MCA

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Training Programs (2022-2024)

DATE- 8-07-2023

CIRCULAR

It is informed that all the students of MCA 3rd Semester request to attend the training program on **INFINITIQ Training (Advanced DS and Python)** from **10-07-2023** to **13-07-2023** i.e, **4 days** organized by **INFINITIQ Training (Advanced DS and Python)** conducted in the Seminar Hall by Department of Computer Applications, G.V.P. College for Degree and PG Courses(A)


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Department of Computer Applications

Training Programs (2022-2024)

Report on INFINITIQ Training (Advanced DS and Python)

Date of Report: 15-07-2023

Program Title: INFINITIQ Training (Advanced DS and Python)

Duration: 10-07-2023 to 13-07-2023

Faculty Instructors: M Krishna Chaitanya

Program Coordinator: B. Divakar

The **INFINITIQ Training (Advanced DS and Python)** Training Program was conducted from 10-07-2023 to 13-07-2023, organized by **Logic Works** Training Institute. The program aimed to equip participants with the fundamental skills and basic knowledge.

Objective

The INFINITIQ Training Program was organized to provide students with advanced knowledge in **Data Structures (DS)** and **Python programming**. The primary objective was to strengthen their ability to solve complex coding problems, improve algorithmic thinking, and prepare them for competitive programming and campus recruitment assessments.

Program Structure

Day 1: Advanced Python Concepts The training began with advanced Python topics such as recursion, lambda functions, list comprehensions, and file handling. Students practiced coding exercises to enhance their efficiency and adaptability in solving real-world problems.

Day 2: Arrays, Strings, and Searching Techniques The second day focused on advanced operations with arrays and strings, including searching, sorting, and optimization techniques. Emphasis was placed on analyzing time and space complexity, with practical exercises designed to improve coding speed and accuracy.



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Training Programs (2022-2024)

Day 3: Linked Lists, Stacks, and Queues The third day introduced dynamic data structures such as linked lists, stacks, and queues. Students implemented these structures in Python and solved problems related to expression evaluation, memory management, and queue operations.

Day 4: Trees, Graphs, and Revision The final day covered advanced topics including binary trees, tree traversals, and graph algorithms such as BFS and DFS. Students practiced coding challenges on platforms like HackerRank and LeetCode. The session concluded with a comprehensive revision and a mock coding test simulating placement scenarios.

Methodologies

The program employed a blend of interactive lectures, coding demonstrations, and hands-on practice. Real-world examples were used to explain applications of advanced DS concepts. Online platforms such as GitHub and HackerRank were integrated for assignments and practice. Peer learning was encouraged through group coding sessions, and regular feedback was provided to address individual challenges.



M Krishna Chaitanya delivering lecture during the Session



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Training Programs (2022-2024)



Students are listening to lecture during the Session

Outcomes

The training significantly improved students' coding proficiency and problem-solving skills. Participants reported increased confidence in handling advanced DS problems and Python programming tasks. Faculty feedback highlighted that students demonstrated stronger logical thinking, better coding efficiency, and readiness for technical interviews.

Conclusion

The INFINITIQ Training Program (Advanced DS and Python) successfully achieved its objective of equipping students with advanced technical skills. The structured curriculum, combined with practical methodologies and assessments, ensured that participants were well-prepared for academic projects, competitive programming, and campus recruitment challenges.


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Training Programs (2022-2024)

DATE- 16-07-2023

CIRCULAR

It is informed that all the students of MCA 3rd Semester request to attend the training program on **TCS Specific Apex** from **17-07-2023** to **27-07-2023** i.e, **11 days (1-7 PM)** organized by **TCS Specific Apex** conducted in the Seminar Hall by Department of Computer Applications, G.V.P. College for Degree and PG Courses(A)


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Training Programs (2022-2024)

Report on TCS Specific Apex

Date of Report:

Program Title: TCS Specific Apex

Duration: 17-07-2023 to 27-07-2023

Faculty Instructors: Face Prep Team

Program Coordinator: B. Divakar

The **TCS Specific Apex** Training Program was conducted from 17-07-2023 to 27-07-2023, organized by **Face Prep** Training Institute. The program aimed to equip participants with the fundamental skills and basic knowledge.

Objective

The TCS Specific Apex Program was organized to prepare students for **Tata Consultancy Services (TCS) recruitment assessments**. The primary objective was to equip participants with the technical, aptitude, and communication skills required to excel in TCS-specific placement tests and interviews. The training focused on problem-solving, coding proficiency, and verbal ability, ensuring students were aligned with the company's recruitment standards.

Program Structure

Day 1–3: Quantitative Aptitude and Logical Reasoning The program began with sessions on quantitative aptitude, covering arithmetic, algebra, and data interpretation. Logical reasoning topics such as puzzles, syllogisms, and analytical problem-solving were also introduced. Students practiced multiple sets of problems to improve speed and accuracy.

Day 4–6: Coding and Data Structures The next phase emphasized coding skills in C, C++, Java, and Python, with a special focus on data structures and algorithms. Students solved coding challenges on platforms like HackerRank and LeetCode, simulating TCS digital test environments.

Day 7–8: Verbal Ability and Communication Skills Training sessions on verbal ability included reading comprehension, sentence correction, and



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vocabulary building. Communication skills were enhanced through group discussions, role-plays, and mock interviews, preparing students for HR rounds.

Day 9–10: Mock Tests and TCS-Specific Practice The final phase involved full-length mock tests replicating TCS exam formats. Students attempted aptitude, coding, and verbal sections under timed conditions. Faculty provided detailed feedback, highlighting strengths and areas for improvement.

Methodologies

The program combined interactive lectures, coding demonstrations, and hands-on practice. Real-world examples from past TCS recruitment papers were used to explain concepts. Online platforms such as GitHub and Hacker Rank were integrated for assignments. Peer learning was encouraged through collaborative coding sessions, while mock interviews provided personalized feedback.



Students are listening to lecture during the Session





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Outcomes

The training significantly improved students' readiness for TCS recruitment. Participants reported enhanced confidence in solving aptitude and coding problems, improved communication skills, and better time management strategies. Faculty feedback highlighted that students demonstrated stronger analytical thinking and coding efficiency, making them well-prepared for TCS selection processes.

Conclusion

The TCS Specific Apex Program successfully achieved its objective of preparing students for TCS campus placements. With a structured curriculum, dedicated faculty, and effective methodologies, the program ensured that participants developed the technical, aptitude, and communication skills necessary to succeed in competitive recruitment environments.

A handwritten signature in blue ink, appearing to read 'I. S. Pallavi'.

Director of MCA

Prof. I. S. Pallavi

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Training Programs (2022-2024)

DATE- 06-08-2023

CIRCULAR

It is informed that all the students of MCA 3rd Semester request to attend the training program on **Aspire Hackathon** from **07-08-2023** to **08-08-2023** i.e, **2 days** organized by **Aspire Hackathon** conducted in the Seminar Hall by Department of Computer Applications, G.V.P. College for Degree and PG Courses(A)


Director of MCA

Prof. I. S. Pallavi

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Training Programs (2022-2024)

Report on Aspire Hackathon

Date of Report: 9-8-23

Program Title: Aspire Hackathon

Duration: 07-08-2023 to 08-08-2023

Faculty Instructors: V.Bappuji

Program Coordinator: B. Divakar

The **Aspire Hackathon** Training Program was conducted from 07-08-2023 to 08-08-2023, organized by **Appleton Innovations** Training Institute. The program aimed to equip participants with the fundamental skills and basic knowledge.

Objective

The Aspire Hackathon was organized to provide students with a platform to apply their technical knowledge, creativity, and problem-solving skills in real-time scenarios. The primary objective was to encourage innovation, teamwork, and practical application of coding and analytical skills, preparing participants for industry challenges and competitive environments.

Program Structure

Day 1: Problem Identification and Team Formation The first day began with an orientation session where participants were introduced to the hackathon objectives, rules, and evaluation criteria. Teams were formed and problem statements were distributed, focusing on areas such as data science, web development, and automation. Faculty mentors guided students in brainstorming solutions and planning their project workflows.

Day 2: Coding, Presentation, and Evaluation On the second day, teams worked intensively on coding and developing their solutions. Faculty members provided technical support and feedback throughout the process. The day



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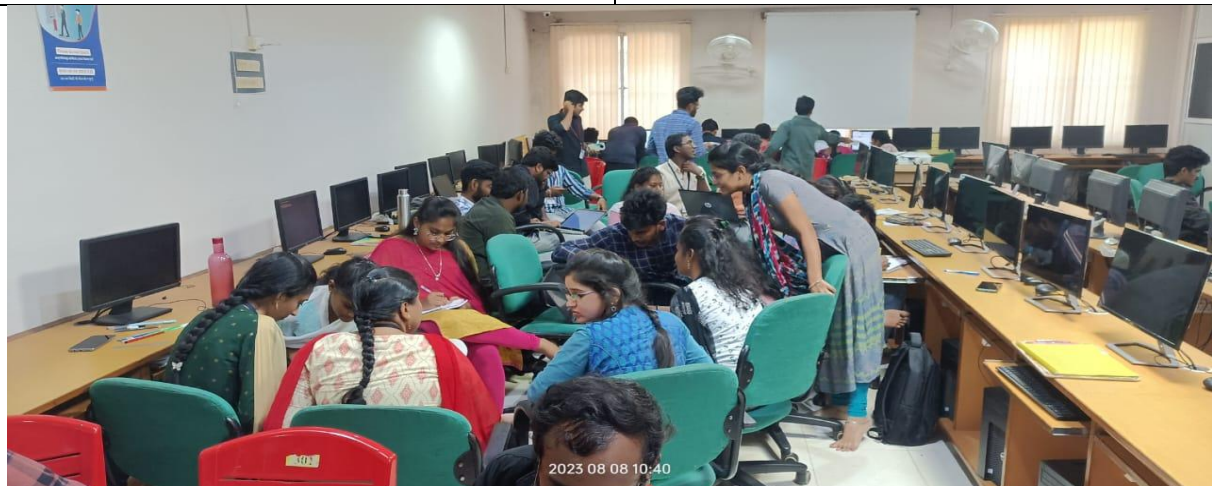
Training Programs (2022-2024)

concluded with project presentations, where each team showcased their solution, explained its functionality, and highlighted its innovative aspects. Judges evaluated the projects based on creativity, technical accuracy, teamwork, and presentation skills.

Methodologies

The hackathon employed a hands-on, project-based methodology. Students collaborated in teams, applying coding skills and analytical thinking to solve real-world problems. Mentorship sessions ensured guidance at every stage, while peer learning encouraged knowledge sharing. The competitive format simulated industry hackathons, fostering time management and teamwork under pressure.

Students Participated the hackathon program





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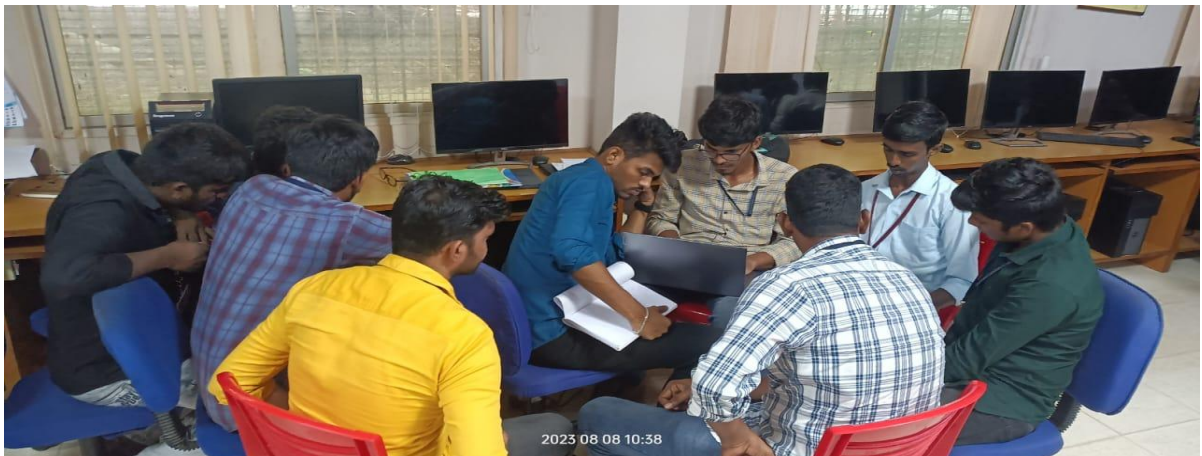
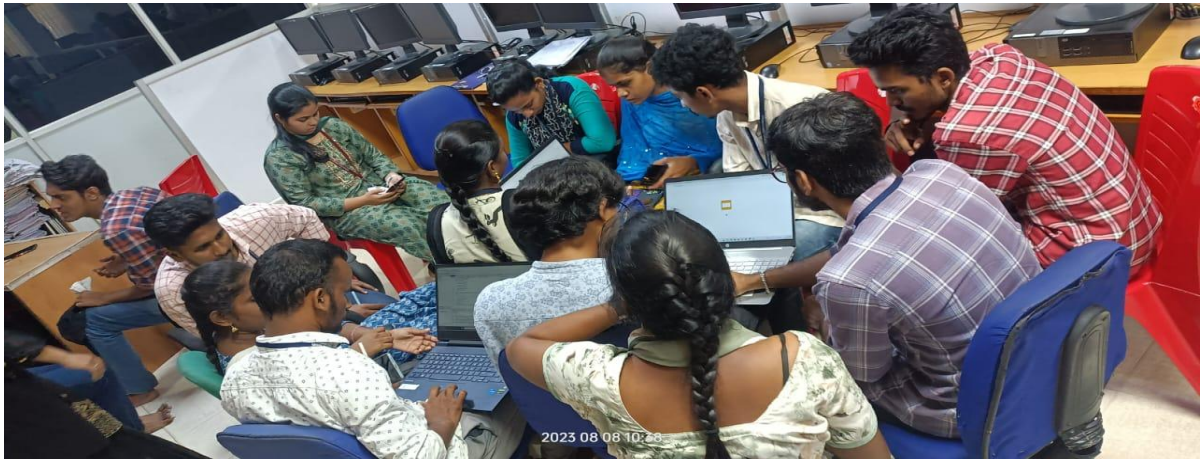
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Outcomes

The Aspire Hackathon resulted in significant skill development among participants. Students gained practical exposure to coding and project development, improved their teamwork and communication skills, and demonstrated innovative approaches to problem-solving. Faculty feedback



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highlighted that participants showed enhanced confidence, creativity, and readiness for industry challenges.

Conclusion

The Aspire Hackathon successfully achieved its objective of fostering innovation and practical skill application among students. By combining teamwork, technical expertise, and creativity, the program provided a valuable learning experience that prepared participants for future professional and academic endeavors.

A handwritten signature in blue ink, appearing to read 'I. S. Pallavi'.

Director of MCA

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Training Programs (2022-2024)

DATE- 10-12-2023

CIRCULAR

It is informed that all the students of MCA 3rd Semester request to attend the training program on **IoT Workshop & Hackathon** from **11-12-2023** to **16-12-2023** i.e, **6 days** organized by **IoT Workshop & Hackathon** conducted in the Seminar Hall by Department of Computer Applications, G.V.P. College for Degree and PG Courses(A)


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Training Programs (2022-2024)

Report on IoT Workshop & Hackathon

Date of Report: 17-12-2023

Program Title: IoT Workshop & Hackathon

Duration: 11-12-2023 to 16-12-2023

Faculty Instructors: V.Bappuji

Program Coordinator: B. Divakar

The **IoT Workshop & Hackathon** Training Program was conducted from 11-12-2023 to 16-12-2023, organized by **Appleton Innovations** Training Institute.

The program aimed to equip participants with the fundamental skills and basic knowledge.

Objective

The IoT Workshop & Hackathon was organized to provide students with practical exposure to **Internet of Things (IoT) technologies** and to encourage innovation through a competitive hackathon format. The primary objective was to strengthen participants' technical knowledge in IoT concepts, sensor integration, and real-time data processing, while also fostering teamwork, creativity, and problem-solving skills.

Program Structure

Day 1: Introduction to IoT The program began with an overview of IoT fundamentals, including architecture, sensors, microcontrollers, and communication protocols. Students were introduced to real-world applications such as smart homes, healthcare monitoring, and industrial automation.

Day 2: Hands-On with IoT Devices The second day focused on practical sessions where students worked with IoT kits, connecting sensors and devices to cloud platforms. Faculty demonstrations helped participants understand device configuration and data transfer.

Day 3: Advanced IoT Applications On the third day, students explored advanced IoT concepts such as wireless communication, data acquisition, and integration with machine learning models. They practiced building small IoT projects like monitoring systems and automation solutions.



Day 4: Hackathon Orientation The fourth day marked the beginning of the hackathon phase. Teams were formed, and problem statements were distributed in domains such as smart agriculture, healthcare, and industrial IoT. Mentors guided students in brainstorming solutions and preparing project workflows.

Day 5: Hackathon Development The fifth day was dedicated to coding, hardware integration, and prototype development. Teams worked collaboratively to implement their solutions, applying both technical and analytical skills under time constraints.

Day 6: Hackathon Presentation and Evaluation On the final day, teams presented their projects to faculty and evaluators. Each team showcased their prototype, explained its functionality, and highlighted its innovative aspects. Judges assessed the projects based on creativity, technical accuracy, feasibility, and teamwork.

Methodologies

The program combined **interactive lectures, hands-on practice, and project-based learning**. Faculty demonstrations clarified IoT concepts, while coding sessions reinforced technical skills. The hackathon format encouraged collaboration, peer learning, and time management under pressure. Regular mentoring ensured guidance at each stage of project development.



Students are Actively Participating in the Session



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V.Bappuji delivering lecture during the session



Students explained their project to V.Bappuji Sir



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Outcomes

The IoT Workshop & Hackathon resulted in significant skill development among participants. Students gained practical exposure to IoT devices and applications, improved their coding and hardware integration skills, and demonstrated innovative approaches to solving real-world problems. Faculty feedback highlighted that participants showed enhanced confidence, creativity, and readiness for industry challenges.

Conclusion

The IoT Workshop & Hackathon successfully achieved its objective of equipping students with practical IoT knowledge and fostering innovation through teamwork. By combining structured learning with a competitive hackathon format, the program provided a valuable experience that prepared participants for future academic projects, research, and professional opportunities in emerging technologies.

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Training Programs (2022-2024)

DATE- 21-12-2023

CIRCULAR

It is informed that all the students of MCA 3rd Semester request to attend the training program on **TCS Campus Drive Training** from **22-12-2023** to **26-12-2023** i.e, **5 days** organized by **TCS Campus Drive Training** conducted in the Seminar Hall by Department of Computer Applications, G.V.P. College for Degree and PG Courses(A)


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Report on TCS Campus Drive Training

Date of Report:

Program Title: TCS Campus Drive Training

Duration: 22-12-2023 to 26-12-2023

Faculty Instructors: Deepak,Roshan,Srihitha, Suraj Chawla,Prady

Program Coordinator: B. Divakar

The **TCS Campus Drive Training** Training Program was conducted from 22-12-2023 to 26-12-2023, organized by **Apex Team** Training Institute. The program aimed to equip participants with the fundamental skills and basic knowledge.

Objective

The TCS Campus Drive Training Program was organized to prepare students for the **TCS recruitment process**, focusing on aptitude, coding, communication, and interview readiness. The primary objective was to strengthen technical proficiency, problem-solving ability, and soft skills, ensuring participants were well-equipped to succeed in TCS placement assessments.

Program Structure

Day 1: Aptitude and Logical Reasoning The training began with sessions on quantitative aptitude and logical reasoning. Students practiced arithmetic, algebra, and data interpretation problems, while faculty emphasized shortcuts and time-saving techniques to improve speed and accuracy.

Day 2: Coding Fundamentals and Problem Solving The second day focused on programming basics in C, C++, Java, and Python. Students solved coding challenges related to arrays, strings, and recursion, simulating TCS digital test environments.

Day 3: Advanced Data Structures and Algorithms On the third day, participants worked on advanced topics such as linked lists, stacks, queues, and trees. Faculty guided students through problem-solving strategies and algorithmic thinking, preparing them for technical assessments.



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Day 4: Verbal Ability and Communication Skills The fourth day emphasized verbal ability, including reading comprehension, sentence correction, and vocabulary building. Communication skills were enhanced through group discussions, role-plays, and mock HR interviews.

Day 5: Mock Tests and Interview Preparation The final day was dedicated to full-length mock tests replicating TCS exam formats. Students attempted aptitude, coding, and verbal sections under timed conditions. The program concluded with mock technical and HR interviews, where faculty provided personalized feedback to strengthen confidence and performance.

Methodologies

The program combined interactive lectures, coding demonstrations, and hands-on practice. Real-world examples from past TCS recruitment papers were used to explain concepts. Online platforms such as HackerRank and GitHub were integrated for assignments. Peer learning was encouraged through collaborative coding sessions, while mock interviews provided personalized feedback.



Instructor delivers lecture during the session



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Students listening to the lecture during the session

Outcomes

The training significantly improved students' readiness for TCS recruitment. Participants reported enhanced confidence in solving aptitude and coding problems, improved communication skills, and better time management strategies. Faculty feedback highlighted that students demonstrated stronger analytical thinking and coding efficiency, making them well-prepared for TCS selection processes.

Conclusion

The TCS Campus Drive Training Program successfully achieved its objective of preparing students for TCS campus placements. With a structured curriculum, dedicated faculty, and effective methodologies, the program ensured that participants developed the technical, aptitude, and communication skills necessary to succeed in competitive recruitment environments.


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Training Programs (2022-2024)

DATE- 11-03-2024

CIRCULAR

It is informed that all the students of MCA 3rd Semester request to attend the training program on **Robotics Workshop** from **12-03-2024** to **14-03-2024** i.e, **3 days** organized by **Robotics Workshop** conducted in the Seminar Hall by Department of Computer Applications, G.V.P. College for Degree and PG Courses(A)


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Training Programs (2022-2024)

Report on Robotics Workshop

Date of Report: 15-3-24

Program Title: Robotics Workshop

Duration: 12-03-2024 to 14-03-2024

Faculty Instructors: N Venkata Reddy

Program Coordinator: B. Divakar

The **Robotics Workshop** Training Program was conducted from 12-03-2024 to 14-03-2024, organized by **teckybot** Training Institute. The program aimed to equip participants with the fundamental skills and basic knowledge.

Objective

The Robotics Workshop was organized to provide students with practical knowledge and hands-on experience in robotics. The primary objective was to introduce participants to the fundamentals of robotics, sensor integration, and automation, while also encouraging innovation, teamwork, and problem-solving skills.

Program Structure

Day 1: Fundamentals of Robotics The workshop began with an introduction to robotics concepts, including robot architecture, sensors, actuators, and control systems. Students were taught the basics of mechanical design and programming logic required for building simple robots. Demonstrations highlighted real-world applications of robotics in industries and research.

Day 2: Hands-On Robot Building and Programming The second day focused on practical sessions where students assembled robotic kits and programmed them to perform basic tasks. Faculty guidance helped participants understand motor control, sensor calibration, and movement algorithms. Students worked in teams to design robots capable of executing simple automation tasks.

Day 3: Advanced Applications and Hackathon Challenge The final day was dedicated to advanced robotics applications such as obstacle detection,



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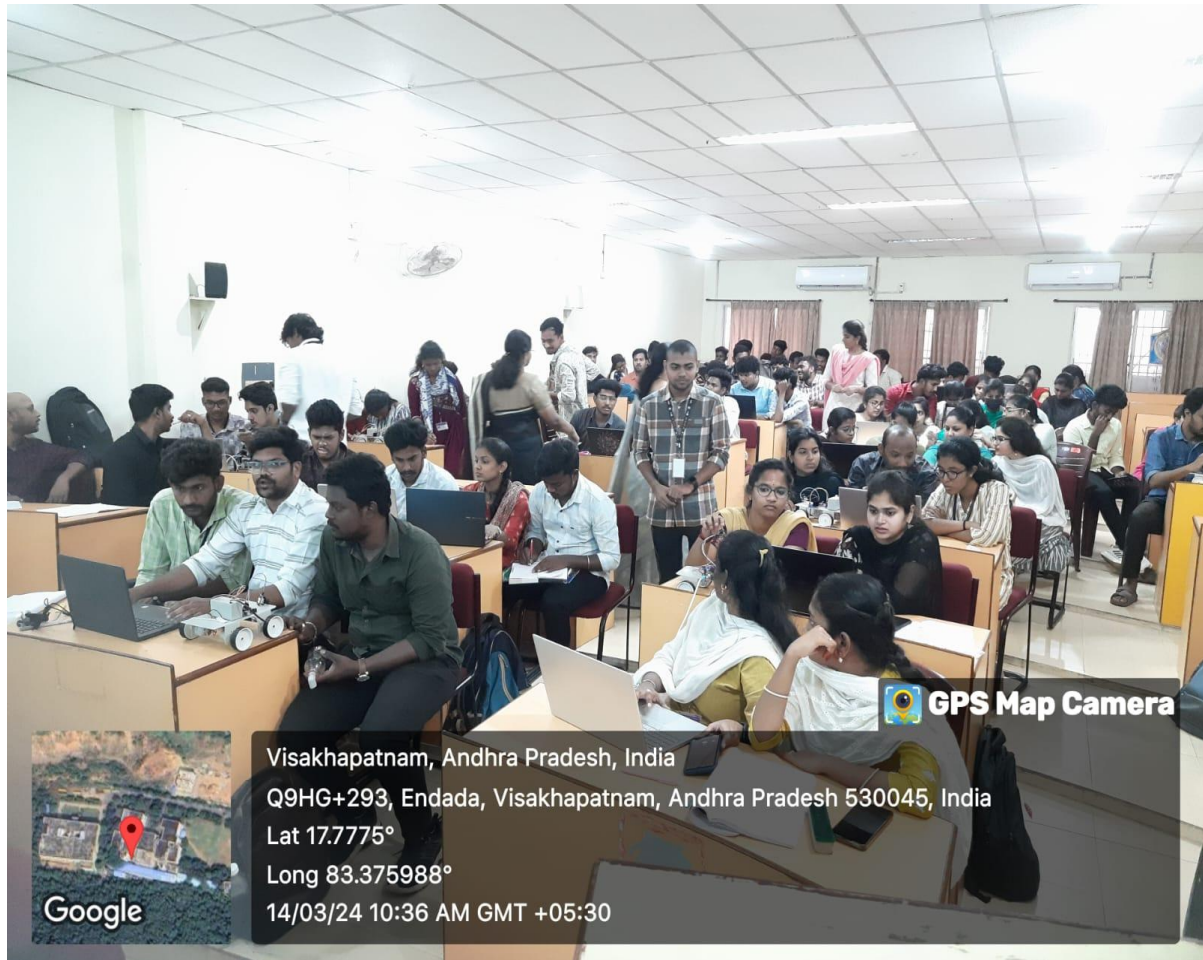
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line following, and autonomous navigation. A mini hackathon was conducted where teams developed innovative robotic solutions to given problem statements. Each team presented their prototype, explaining its design, functionality, and potential applications.

Methodologies

The workshop combined interactive lectures, demonstrations, and hands-on practice. Students engaged in team-based activities to foster collaboration and peer learning. The hackathon format encouraged creativity and time management under pressure, while regular mentoring ensured guidance throughout the program.



Students Actively participated in Various Tasks Conducted during the Session



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Prof. I.S. Pallavi madam appreciate the Students Project Work



Students Actively participated in Various Tasks Conducted during the Session



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Students show their presentation to the instructors

Outcomes

The Robotics Workshop resulted in significant skill development among participants. Students gained practical exposure to robotics hardware and programming, improved their teamwork and communication skills, and demonstrated innovative approaches to solving real-world problems. Faculty feedback highlighted that participants showed enhanced confidence, creativity, and readiness for industry challenges.

Conclusion

The Robotics Workshop successfully achieved its objective of equipping students with foundational and advanced robotics skills. By combining structured learning with practical experimentation and a hackathon challenge, the program provided a valuable experience that prepared participants for future academic projects, research, and professional opportunities in robotics and automation.

Director of MCA

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