

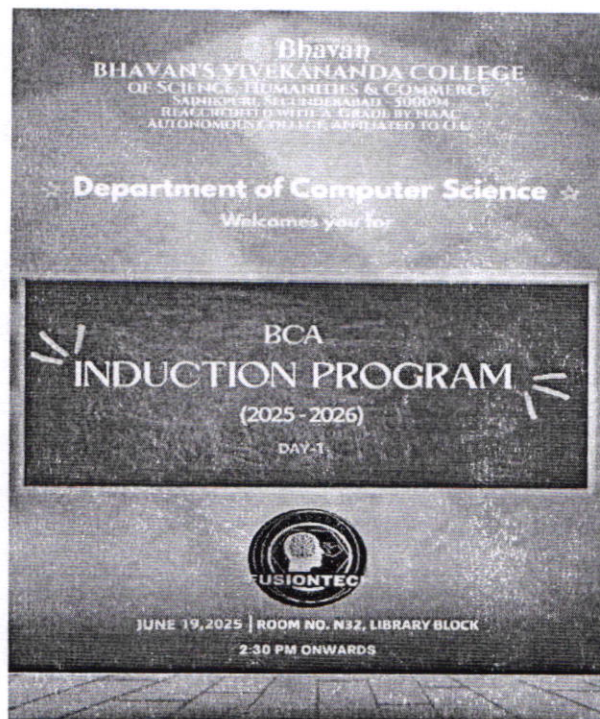
**Bhavan's Vivekananda College
Of Science, Humanities & Commerce
Autonomous College-Affiliated to Osmania University
Re-Accredited with 'A' Grade by NAAC
Sainikpuri, Secunderabad- 500094**

**DEPARTMENT OF COMPUTER SCIENCE
REPORT ON BCA INDUCTION PROGRAMME- DAY 1**

Date: 19 June,2025

Time: 2:30 pm - 4:30 pm

Venue: Library Block



The Fusion Tech Club, under the Department of Computer Science, conducted the **BCA Induction Programme** for the newly admitted first-year students on **19th June 2025**, marking the beginning of the academic year **2025–26**. The event witnessed the gracious presence of **Dr. K. V. B. Saraswathi, Head of the Department** and **Dr. G. Mahesh Kumar, Coordinator, BCA**. The Fusion Tech club members warmly greeted the freshers and shared motivational words to inspire and encourage them as they embarked on their academic journey.

G. Mahesh Kumar

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The dignitaries were warmly invited to grace the dais, marking the formal commencement of the event with their esteemed presence.

Esteemed Guests Gracing the Occasion



The day commenced with an address by the **Head of the Department, Dr. K. V. B. Saraswathi**, who provided the students with an insightful overview of the college, its functioning, and the structure of the **BCA programme**. She elaborated on what BCA entails, its academic scope, and how the course is designed to prepare students for the world of technology and innovation.

A Guiding Start to a New Journey



Following that, **Dr. G. Mahesh Kumar**, the **BCA Programme Coordinator**, addressed the students and emphasized the importance of adhering to college guidelines. He spoke in detail about the rules and regulations, highlighting key areas such as attendance requirements, discipline, and the overall functioning of the department.

Laying the Foundation for a Responsible Academic Journey



A special moment of the event was the **badge distribution ceremony** for the newly appointed **Fusion Tech Club heads** for the academic year **2025–26**. The badges were presented by the **Head of the Department** and faculty members of the **Fusion Tech Club**, officially recognizing the leadership team and entrusting them with their new responsibilities.

G. Mahesh Kumar

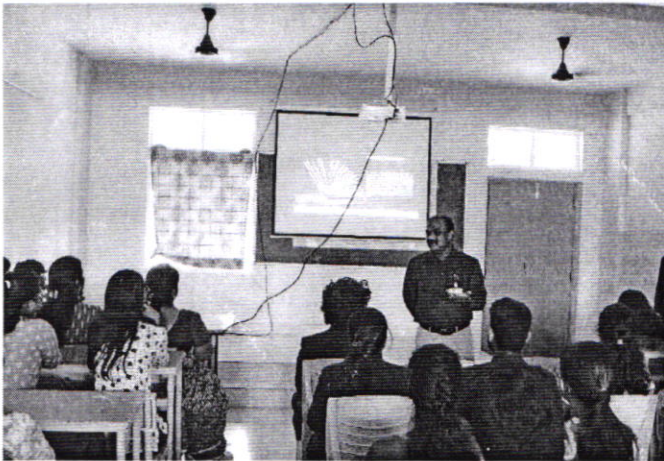
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New Leadership, New Vision: Fusion Tech Club 2025–26



All the **Fusion Tech Club faculty members** came together to present an engaging **PowerPoint presentation** that provided an overview of the **Department of Computer Science**. The presentation highlighted the department's journey — from its inception and establishment to its growth over the years. It also showcased key events and achievements organized by the club in previous academic years, offering the new students a glimpse into its vibrant and active legacy.

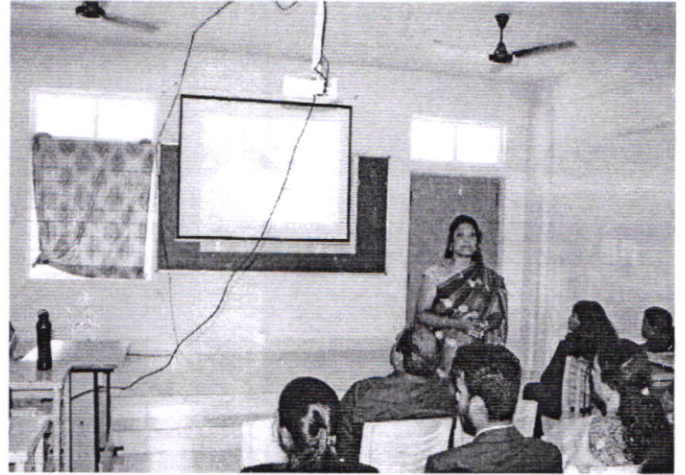
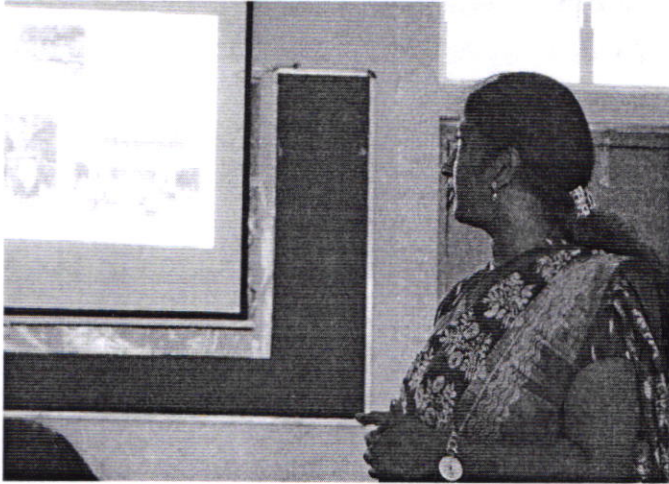
From Roots to Milestones – A Departmental Glimpse



G. N. M.

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Tracing the Journey – From Foundation to Future



With this, the **first day of the BCA Induction Programme** concluded on a positive and inspiring note. The students walked away with valuable insights, a deeper understanding of the department, and a sense of motivation as they began their journey into the world of Computer Science.

G. Manu

M

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**DEPARTMENT OF COMPUTER SCIENCE
REPORT ON BCA INDUCTION PROGRAMME- DAY 2**

Date: 20 June,2025

Time: 2:30 pm - 4:30 pm

Venue: Library Block

Bhavan
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DEPARTMENT OF COMPUTER SCIENCE

FUSION TECH
BCA INDUCTION PROGRAM
(Day 2)

INTRODUCTION TO KNOWLEDGE SHARING

INTRODUCTION TO BRIDGE COURSE

ACTIVITIES :
Activity-1: Techsweeper
Activity-2: Brainrot

20th June 2025
ROOM NO. N32, LIBRARY BLOCK
2:30 PM ONWARDS

CO-ORDINATOR :
Dr. G. Mahesh Kumar

STUDENT CO-ORDINATORS :
Likhitha Reddy (8309052604)
Saleesh Ram (7416457272)

The Fusion Tech Club, under the Department of Computer Science, conducted the BCA Induction Programme for the newly admitted first-year students on 20th June 2025, marking the beginning of the academic year 2025–26. Induction Day 2 began by warmly welcoming the freshers once again for another day of learning and interaction. The session commenced with heartfelt greetings by Dr. S. Jayalaxmi, Assistant Professor, Department of Computer Science and Ms. K. Padmapriya, Assistant Professor, Department of Computer Science who extended their best wishes to the students and set a positive tone for the day ahead.

G. Mahesh Kumar

Likhitha Reddy

Day 2 Begins – A Warm Welcome Continues



The day commenced with an enlightening session by **Dr. S. Jayalaxmi, Assistant Professor, Department of Computer Science**, who introduced the students to the newly launched **Bridge Course**. Specially designed for first-year BCA students, this course aims to ease their transition from school to college-level learning, explained the significance of the course and how it would help students strengthen their foundational knowledge, build confidence, and adapt smoothly to the academic environment of the department.

Helping Freshers Adapt: The Launch of the Bridge Course

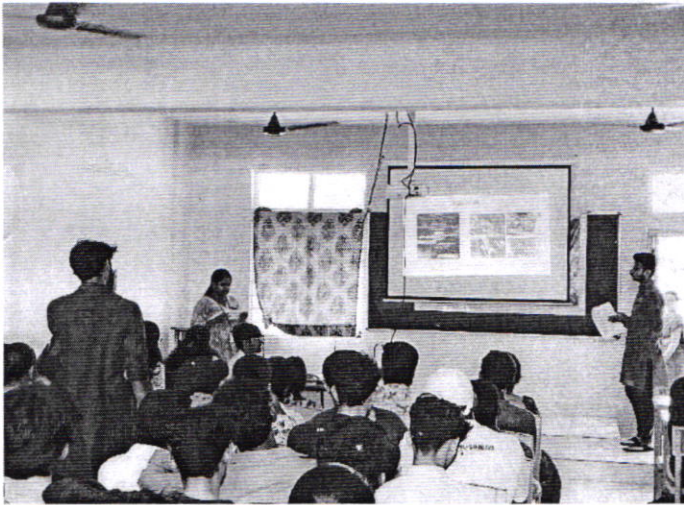


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The **Student Coordinators of the Fusion Tech Club, Ms. Likhitha Reddy and Mr. Saieesh Ram** gave an overview of the club's vision and functioning, highlighting its focus on technical skills, creativity, and collaboration. They also shared a quick recap of key events from the academic year **2024–25**, giving freshers a glimpse into the club's dynamic and vibrant activities.

From Events to Engagement – A Peek into Fusion Tech 2024–25



Following this, **Ms. K. Padma Priya, Assistant Professor, Department of Computer Science**, spoke about the Knowledge Sharing Program, a peer-learning initiative led by senior students, also highlighted how it fosters a collaborative environment through sessions on various technical topics and encouraged freshers to engage actively as learners and future mentors, promoting a culture of continuous growth and curiosity.

Learning Together, Growing Together – Knowledge Sharing at Its Best



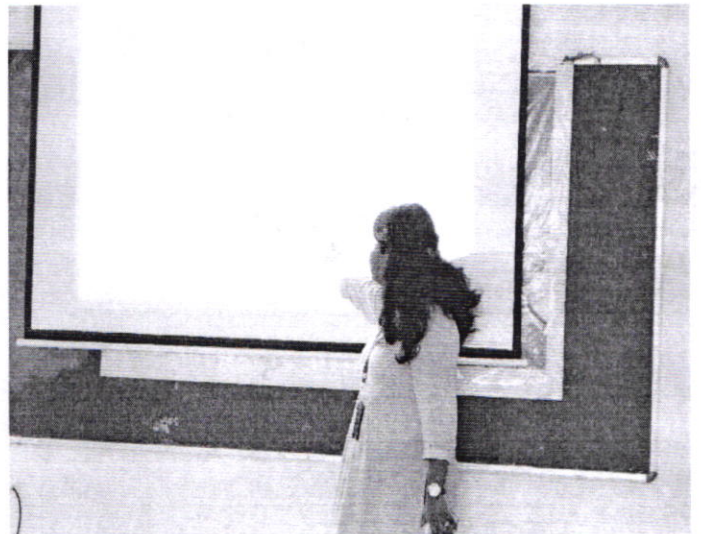
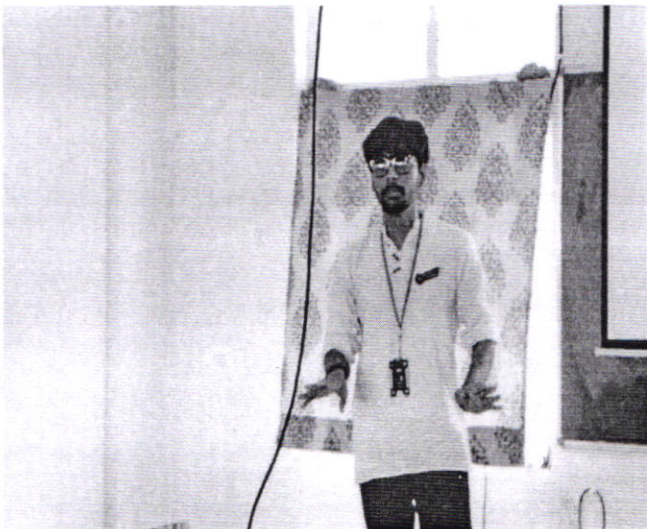
G. A. S.

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After the informative sessions, an engaging Fusion Tech activity 'Techsweeper' was organized for the students. It aimed to boost their energy, encourage participation, and help them unwind while enjoying a fun and interactive experience with their peers.

The highlight of the day was 'Techsweeper', a fun and competitive **1v1 team game** where players flipped cards on a **4x4 grid** to uncover hidden computer components—while avoiding bombs! With **76 participants across 26 teams and no elimination**, the game brought excitement, strategy, and team spirit to the Induction Programme.

Flipping into Fun – Techsweeper Energizes the Freshers!



G. M.

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Winners of Techsweeper

Team 4

Ms. V. Divya, BCA, Year 1, Section A

Ms. L. Kavya, BCA, Year 1, Section A

Ms. Aditi, BCA, Year 1, Section B



Team 11

Ms. Abhigna, BCA, Year 1, Section A

Ms. Krithika, BCA, Year 1, Section A

Ms. Manisha, BCA, Year 1, Section B



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Team 16

Mr. Sagar, BCA, Year 1, Section A

Mr. Aniruddha, BCA, Year 1, Section A

Mr. Bhaskar, BCA, Year 1, Section A



Day 2 of the BCA Induction Programme wrapped up with a perfect mix of learning and fun. Students gained insights into the **Bridge Course, Knowledge Sharing Program,** and the **Fusion Tech Club.** The day ended with the energetic **Techsweeper** activity, leaving freshers informed, engaged, and excited for the journey ahead.

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DEPARTMENT OF COMPUTER SCIENCE

REPORT ON BCA INDUCTION PROGRAMME- DAY 3

Date: 21 June,2025

Time: 2:30 pm - 4:30 pm

Venue: Library Block

Bhavan
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Department of Computer Science
Fusion Tech
BCA
INDUCTION PROGRAM
ALUMNI TALK

SPEAKERS:

YVC
BHANUSWATHI
Batch (2020-2023)
Pursuing MCA
St. Ann's College for
Women, Mehdiapatnam

RAJA GOPAL
DANDAMUDI
Batch (2018-2021)
SAP ABAP Consultant
Deloitte India
Experience in UI5/CPI

Introduction to Value Added Courses **DAY -3**
June 21st, 2025
2:30 PM ONWARDS
ROOM NO. 102, LIBRARY BLOCK

Co-ordinator
Dr. C. Mahesh Kumar

Student Co-ordinators
Lakshmi Reddy
Suresh Ram

The Fusion Tech Club, under the Department of Computer Science, conducted Day 3 of the BCA Induction Programme on 21st June 2025, marking the beginning of the academic year 2025–26. The day featured an interactive session with distinguished alumni Raja Gopal Dandamudi, Deloitte employee SAP ABAP consultant (ABAP consultant/developer with experience in UI5/CPI) and YVC Bhanuswathi, St. Anns college for women, Mehdiapatnam, Pursuing MCA, who shared their academic journeys, career experiences, and practical insights, motivating freshers to make the most of their time at BVC. This was followed by an informative session on Value Added Courses by Ms. M. Amitha, Assistant Professor, Department of

G. M. K.

M.

Computer Science, who introduced the students to various additional learning opportunities aimed at enhancing their technical and professional skills.

Alumni insights and added value – a day of wisdom and growth



Raja Gopal Dandamudi shared his experiences from his college days at BVC, reflecting on the academic and cultural life that shaped his journey. He also spoke about his professional career, offering valuable insights into his job roles and real-world experiences in the workplace. His session provided freshers with practical advice and motivation to make the most of their time in college and prepare effectively for the corporate world.

Turning memories into mentorship – an inspiring session by our alum!

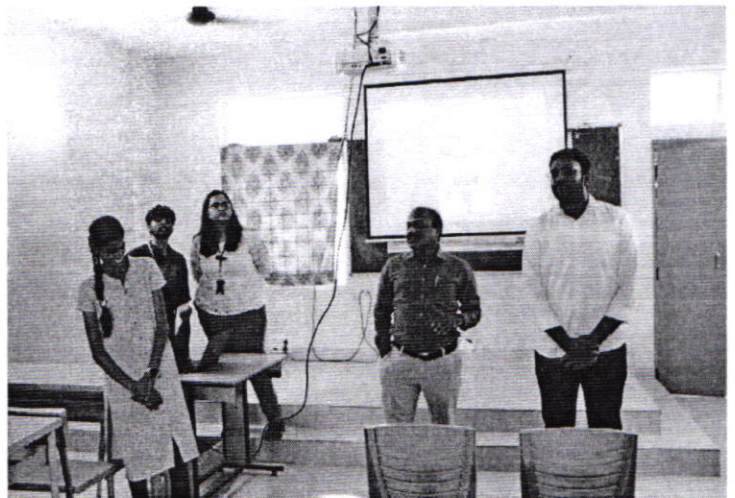


G. M.

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YVC Bhanuswathi shared her journey through her undergraduate years at BVC and her transition into the MCA programme. She spoke about how her college experience laid a strong foundation for her postgraduate studies and helped her develop the academic discipline and confidence needed to pursue higher education. Her session offered valuable insights into the importance of setting goals early, staying consistent, and making the most of every opportunity during college life.

College, consistency, and confidence – Bhanuswathi shared it all!



G.M.

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Ms. M. Amitha, Assistant Professor in the Department of Computer Science, introduced the first-year BCA students to the **Value-Added Courses offered by the department**. She explained how these additional courses are designed to enhance students' technical and professional skills beyond the regular curriculum. Emphasizing their role in career development, she highlighted how these courses help students gain industry-relevant knowledge, certifications, and hands-on experience in emerging technologies, preparing them for future challenges and opportunities.

Adding value to learning – one course at a time!



Induction Day 3 featured inspiring talks by alumni Raja Gopal Dandamudi and YVC Bhanuswathi, who shared their college and career journeys. Ms. M. Amitha introduced the Value-Added Courses, highlighting opportunities for skill enhancement. The day concluded with valuable insights and motivation for students to make the most of their time at BVC.

G. M. Amitha

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ALUMNI TALK ON ERP

Organized by

Department of Computer Science

JULY

SATURDAY | 26 | AT 12.00 PM

VENUE:

BIO-CHEMISTRY BLOCK

ROOM : 71

EXCLUSIVELY FOR:

BCA, BSC (HDS, MECS, MPCS, MSCS)

GUEST SPEAKER

Valadi Chandrasekhar Aditya

Designation : Project Lead

Technical Designation : Jd Edwards

Techno Functional Consultant



FACULTY CO-ORDINATORS:

DR. K.V.B. Saraswathi

Mrs.K. Padmapriya

DR.G. Mahesh Kumar

Mrs. V. Sreenrada

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Report on Alumni Talk on ERP

Date: 26th July 2025

Time: 12:00 PM

Venue: Room 71, Biochemistry Block

Organized by: Department of Computer Science

Target Audience: Students of BCA, B.Sc. (HDS, MECS, MPCS, MSCS)

The Department of Computer Science organized an Alumni Talk on Enterprise Resource Planning (ERP) on 26th July 2025 at 12:00 PM in Room 71, Biochemistry Block. The session was exclusively conducted for undergraduate students of Computer Science streams.

The event commenced with a warm welcome and introductory address by Dr. K.V.B. Saraswathi, who emphasized the significance of ERP in modern business environments and encouraged students to leverage alumni interactions for industry exposure.

Guest Speaker

Mr. Valadi Chandrasekhar Aditya

- Designation: Project Lead and JD Edwards Techno-Functional Consultant
- Alumnus (B.Sc. MSCS, Batch 2005–2008)

Mr. Aditya, a 2008 graduate of B.Sc. (MSCS) from Bhavan's Vivekananda College, currently works as a Project Lead and specializes in JD Edwards (JDE) ERP solutions. During his talk, he shared his journey from campus to the corporate world and gave a detailed presentation titled "*Introduction to ERP.*"

Highlights of the Session

- **Introduction to ERP**
ERP (Enterprise Resource Planning) systems integrate various functional departments such as Finance, HR, Manufacturing, and Logistics into a single system to streamline operations and data access.
- **Need for ERP**
Mr. Aditya explained how ERP helps organizations reduce costs, improve customer service, standardize internal processes, and boost employee productivity.
- **Major ERP Vendors**
SAP, Oracle, and Microsoft Dynamics were introduced as leading providers, with a deep focus on Oracle's JD Edwards solution.
- **JD Edwards Overview**
 - Founded in 1977 in the USA.
 - Offers ERP, CRM, and SCM solutions.
 - The latest version, EnterpriseOne 9.1, is web-based and supports integration across platforms.

- Key features include multi-screen access, flexible user-defined codes, and strong reporting capabilities.
- **Modules Discussed**
General Accounting, Sales Order Management, Inventory Management, Manufacturing Accounting, and more were explained with real-time use cases.

Student Participation

- **Total Attendees :126**
- Students from various streams actively participated and interacted during the session.

Faculty Coordinators:

- Dr. K.V.B. Saraswathi
- Mrs. K. Padma Priya
- Dr. G. Mahesh Kumar
- Mrs. V. Sreeprada

The session concluded with a vote of thanks to the guest speaker. The department acknowledged Mr. Aditya's valuable contribution and appreciated his efforts in staying connected with his alma mater. The talk provided students with a practical understanding of ERP systems and inspired them to explore careers in enterprise technology.

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DEPT. OF COMPUTER SCIENCE KNOWLEDGE SHARING PROGRAM

CANVA WORKSHOP

JOIN US

<https://forms.gle/21SgjaasxQkLpYzWA>

OPEN TO ALL FIRST YEARS



Date

July 7th - 12th



Time - Online

06.00 PM - 7.00 PM



Time - Offline

08.30 AM - 9.30 AM



Library Block

Lab rooms



+91 63057 93296 - Sai Nitin

+91 88858 57111 - Dhruv Patel

Student Coordinators **Faculty Coordinators**

- Sai Nitin
- Dhruv Patel
- Akshay Kumar
- K. Manoj
- Niharika

- Mr. Saumesh Routray
- Mr. D.Ganesh Kumar

Canva

Canva Workshop – Day 1 Documentation

Date: 7th July 2025

- Sessions:
 - Offline: 8:30 AM – 9:30 AM
 - Online: 6:00 PM – 7:00 PM
- No of Participants- 106(offline),126(online)

Topics Covered

Offline & Online Session:

1. Introduction to Canva
2. Purpose of the Workshop
3. Canva Features Overview
4. Career Applications
5. Account Setup and Interface Tour

Offline & Online Session

- Started by introducing the aim of the workshop and keywords/themes for the entire week.
- Gave a beginner-friendly explanation of what Canva is and what it offers: drag-and-drop tools, templates, assets, and collaboration options.
- Covered the importance of Canva in design and content creation.
- Discussed job roles and internships that require Canva skills: Content Creator, Social Media Manager, UI/UX Assistant, Presentation Designer, etc.
- Created Canva accounts in class and explored the interface and homepage.
- Everything was covered equally in offline and repeated during the online session.

Canva Workshop – Day 2 Documentation

Date: 8th July 2025

- No of Participants- 171(offline),117(online)

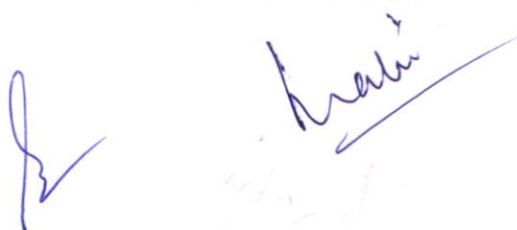
Topics Covered

Offline Session:

1. Colour Theory & RGB Demonstration
2. Elements (Shapes, Graphics, Multimedia, AI, Charts, Frames etc.)

Online Session (Includes all above +):

3. Typography
4. Alignment
5. Task Assignment

Two handwritten signatures in blue ink are located at the bottom of the page. The signature on the left is a stylized, cursive 'P'. The signature on the right is more legible, appearing to read 'Khalid'.

Offline Session

1. Colour Theory & RGB Demonstration

- Introduced hexadecimal numbers and explained how RGB color codes work.
- Showed how different combinations (e.g., #000000 = Black, #FFFFFF = White, #FF0000 = Red) represent colors.
- Used Canva's solid color picker and color wheel, showing how each shade has a unique HEX code.

2. Elements in Canva

- Explained that elements are the foundation of Canva design.
- 2.1 Shapes – Basic (circle, square, star, etc.), lines and decorative dividers.
- 2.2 Graphics – Used Canva search to add and customize icons like Facebook logo.
- 2.2.2 AI Image Generator – Generated custom images using text prompts.
- 2.3 Polls & Quizzes – Demonstrated Canva's built-in interactive tools.
- 2.4 Tables – Added tables, showed formula use similar to Excel.
- 2.5 Multimedia – Inserted videos, images, audio into designs.
- 2.6 Charts – Showed pie charts, how to change colors, label items.
- 2.7 Stickers – Enhanced visuals with animated and static stickers.
- 2.8 Frames – Used for auto-resizing image placements via drag-and-drop.

Online Session (Continued)

3. Typography

- Introduced the typography toolbar.
- 3.1 Font Family – Switched between decorative and formal fonts.
- 3.2 Font Size – Adjusted using predefined sizes or custom input.
- 3.3 Font Color – Changed using HEX codes and color palette.
- 3.4 Formatting – Bold, Italic, Underline, Strikethrough.
- 3.5 Text Case – Changed between uppercase/lowercase styles.
- 3.6 Alignment – Left, Center, Right, Justify.
- 3.7 Bullets – Added ordered/unordered bullet points.
- 3.8 Spacing – Line and letter spacing to avoid manual spacing.
- 3.9 Superscript/Subscript – Advanced styling options.
- 3.10 Transparency – Adjusted text opacity.

4. Alignment

- Right-clicked elements and aligned them horizontally and vertically.
- Explained alignment with respect to both X and Y axis.

5. Task for Next Class – 'My Dream Place' Poster

- Poster Size: A4
- Title: 'My Dream Place'
- ✓Color Palette: Use at least 3 complementary colors
- ✓Elements: 1 shape, 1 graphic, 1 frame/chart (optional)

✓Typography: 2 fonts (bold for title, clean for body)

✓Layout: Proper alignment and visual balance

NOTE: This task was assigned only to the online batch.

Canva Workshop – Day 3 Documentation

Date: 9th July 2025

- No of Participants- 67(offline),100(online)

Topics Covered

Offline Session:

1. Margins & Gridlines

1.1 Normal margins

1.2 Auto Gridline

1.3 Passive gridlines

2. Typography (practical implementation)

Online Session (Includes all above +):

3. Resume Templates

4. Branding Basics

4.1 Colour psychology

5. Platform-specific Dimensions

6. Design Theory Thumb Rules

Offline Session

- Introduced margins and how to enable them via File > Settings.
- Explained gridlines using a ruled book analogy; showed both auto and passive gridlines in Canva.
- Covered text formatting features: bold, italics, font family, superscript/subscript, line spacing, letter spacing.
- Gave a formal definition of typography and demonstrated it using a template — asked what drew students' attention first (answer: the heading).

Online Session (Continued)

- Recapped the offline session topics.
- Showed a variety of resume templates, from basic to creative.
- Explained branding basics using Zomato's consistent red theme as an example.
- Demonstrated Canva's platform-specific templates: Instagram post/story, Facebook, YouTube etc.
- Covered design thumb rules: dark text on light background, visual balance, and more.

Canva Workshop – Day 4 Documentation

Date: 10th July 2025

- No of Participants- 66(offline),96(online)

Topics Covered

Offline Session:

1. What Makes a Good Presentation
2. Slide Aesthetics & Visual Communication

2.1 use of graphs , icons , images (multimedia)

Online Session (Includes all above +):

3. Template Selection and categories
 4. Transitions & Animations
- 4.1 sub categories

Offline Session

- Emphasized the importance of good presentations across all fields.
- Compared a cluttered vs minimal slide — concluded that clear, clean slides are easier to understand.
- Recommended using one idea per slide — cognitive overload from too much text was discouraged.
- Used the classic principle: '*A picture is worth a thousand words*' — encouraged use of visuals, icons, graphs.
- Advocated for consistency in style and theme to maintain a professional look.
- Stressed that slides should support the speaker, not overwhelm the audience.

Online Session (Continued)

- Recapped offline session.
- Demonstrated selecting and customizing templates.
- Showed how to apply and customize transitions and animations.
- Explained each animation and transition type along with available customization settings.

Day 5 : Activity

Date: 11 July 2025

Time: 8:30 AM – 9:30 AM

Duration: 1 Hour

Activity Time Limit: 40 Minutes



Activity Overview:

On Day 5 of the Canva Workshop, students were tasked with an advanced recreation exercise designed to test their understanding of design consistency, layering concepts, and attention to detail.

Participants were required to recreate the provided design exactly as shown in the reference, without using any pre-made templates. This included replicating:

- Exact colors and fonts
- Layout and positioning of all elements
- The unique diagonally curved background boxes, which were created from scratch during the session, emphasizing the practical use of the layering concept.

Learning Objective:

- To develop precision in replicating design elements.
- To strengthen understanding of layering and custom shape creation in Canva.
- To practice using Canva tools effectively within a strict time frame.

Selection Criteria:


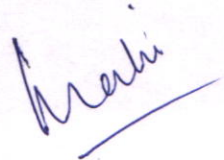
- Participants had 40 minutes to complete the recreation.
- Accuracy in matching colors, fonts, alignment, and layout.
- Creative execution of the diagonally curved background boxes.
- Top 10 students were selected based on their final submissions.

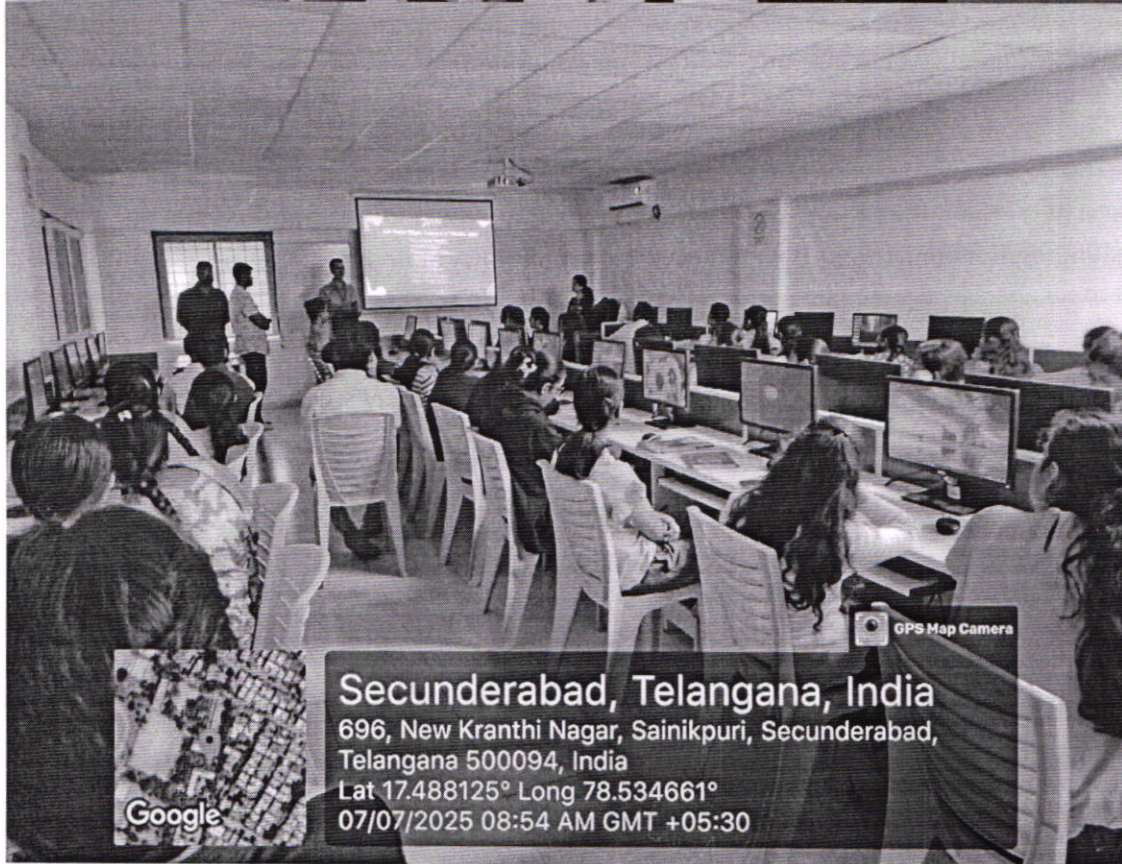
Outcome:

The activity encouraged students to think critically about design structure and layering techniques. It helped them improve their skills in creating professional-level designs without reliance on templates.

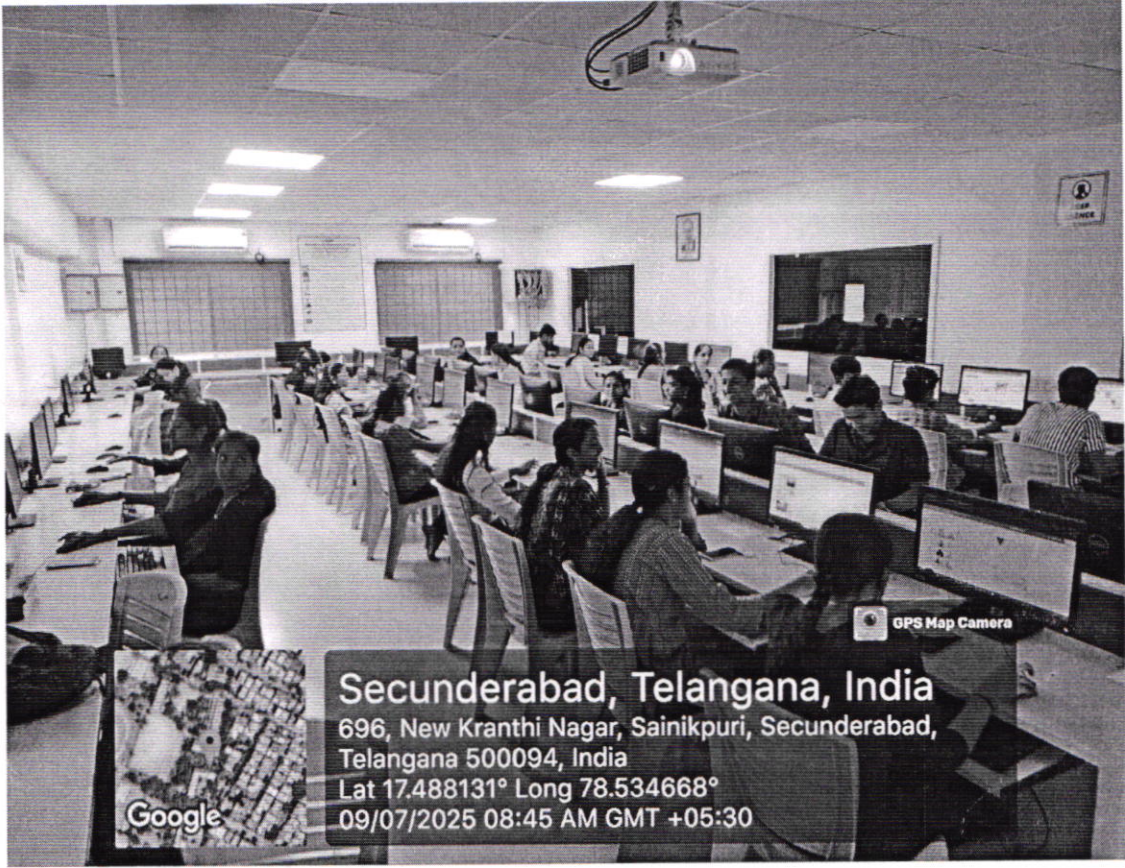
Instructor's Remarks:

This exercise successfully highlighted the students' ability to translate conceptual learning into precise practical application within a limited time frame.



Kranthi



Secunderabad, Telangana, India

696, New Kranthi Nagar, Sainikpuri, Secunderabad,
Telangana 500094, India

Lat 17.488131° Long 78.534668°

09/07/2025 08:45 AM GMT +05:30

Google

GPS Map Camera

Mahesh

[Signature]



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Department Of Computer Science

Presents

BRIDGE COURSE

"IgniteCS: The SkillBridge from Classroom to Code for Budding Techies"

From



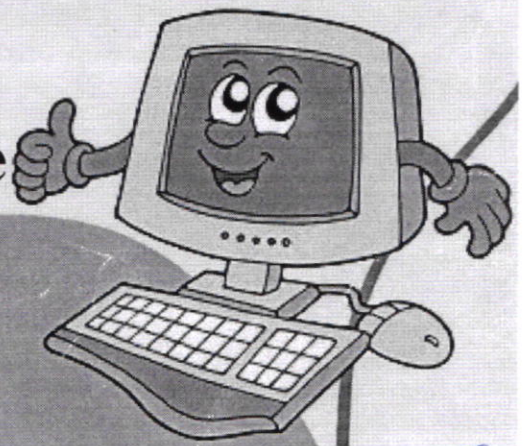
30.06.2025 to 05.07.2025

For 1st years

BCA

B.Sc(MPCs,MECs,MSCs)

B.Sc(Honours) Data Science



Taya.

Modules

Timings: 8:30 to 9:30

Day - 1 (30.06.2025)

Digital You: Personality & Web Fluency

Day - 2 (01.07.2025)

Keys to Success: Mastering Typing Skills

Day - 3 (02.07.2025)

Tech Starters: Foundation of Computing

Day - 4 (03.07.2025)

Mind Craft: Building Logical Thinking

Day - 5 (04.07.2025)

Compute the Logic: Mathematical Essentials

Organizing Committee

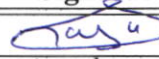
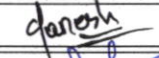

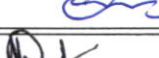
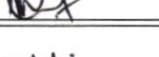
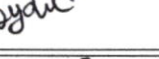


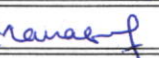
&

Resource Persons

From Department of Computer Science

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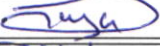



Responsibility	FACULTY INCHARGE(S)	Signature
Permission and Approval	DR. S. JAYALAXMI	
Poster and Website Updation	MR. D. GANESH	
Assembly Announcements	MS. DIVYA REKHA	
Purchases	MR. CH. MALIKARJUN RAO	
Day wise attendance	MS. SHRON ROSY	
Feedback	MS.DIVYA REKHA & MS.LAXMI	
Report Writing	MS. B. VIJETHA, MS. SREEPRADHA	
Logistics	MR. SAUMESH, MR. SANTOSH	
Photography (Creating & Storing in Drive)	MS. MANASA	

Note: Each faculty is incharge to take photographs and share to Ms.Manasa


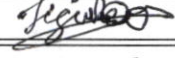
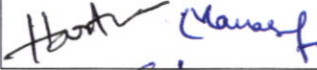
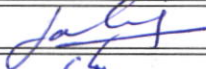






Modules Timings: 8:30 to 9:30

Here is the information converted into a table format:

Day	Date	Session Title	Faculty Incharge	Signature
Day - 1	30.06.2025	Digital You: Personality & Web Fluency	Ms. Divya Rekha	
Day - 2	01.07.2025	Keys to Success: Mastering Typing Skills	Dr. S. Jayalaxmi	
Day - 3	02.07.2025	Tech Starters: Foundation of Computing ↗	Ms. M. Amitha	
Day - 4	03.07.2025	Mind Craft: Building Logical Thinking ↘	Ms. Shron Rosy	
Day - 5	04.07.2025	Compute the Logic: Mathematical Essentials	Ms. Padma Priya	

Lab schedule and classes allotted

Class	Lab/Room	Faculty	Signature
BCA 1A	N21C	MR.TUSHAR	
BCA 1B	N21B	MR.VIKAS	
HDS	26 (IT BLOCK)	MS.HARITHA & MS. MANASA	
MSCS (A)	N21A	MR.JALAJ KUMAR	
MSCS (B)	N22A	MR.SANTOSH	
MECS	21 (IT BLOCK)	MR.D. GANESH	
MPCS	22 (IT BLOCK)	MR.K.GANESH	



Report on the Bridge Course Program

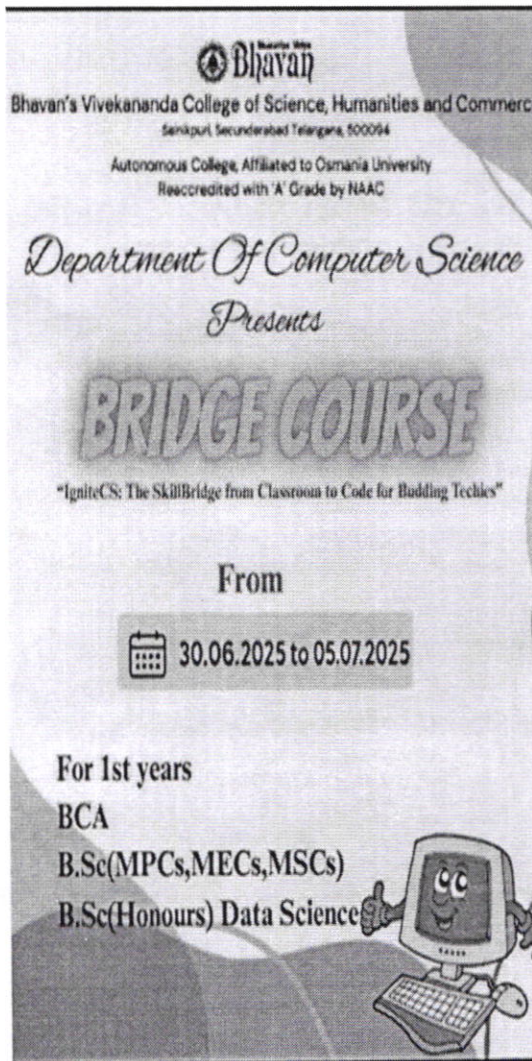
Organized by: Department of Computer Science

Academic Year: 2025–26

Dates: 30th June 2025 – 5th July 2025

Mode: Hybrid (Online & Offline)

Target Audience: First Year Students of B.Sc (Physical Sciences, HDS) and BCA



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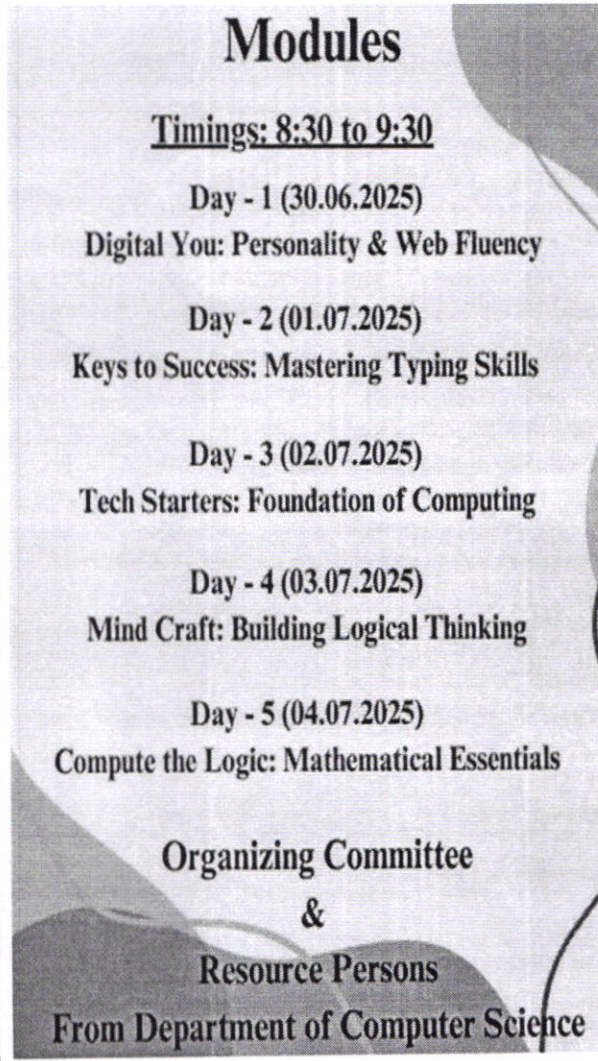
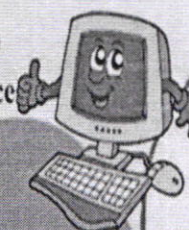
Department Of Computer Science
Presents

BRIDGE COURSE

"IgniteCS: The SkillBridge from Classroom to Code for Budding Techies"

From
30.06.2025 to 05.07.2025

For 1st years
BCA
B.Sc(MPCs,MECs,MSCs)
B.Sc(Honours) Data Science



Modules

Timings: 8:30 to 9:30

Day - 1 (30.06.2025)
Digital You: Personality & Web Fluency

Day - 2 (01.07.2025)
Keys to Success: Mastering Typing Skills

Day - 3 (02.07.2025)
Tech Starters: Foundation of Computing

Day - 4 (03.07.2025)
Mind Craft: Building Logical Thinking

Day - 5 (04.07.2025)
Compute the Logic: Mathematical Essentials

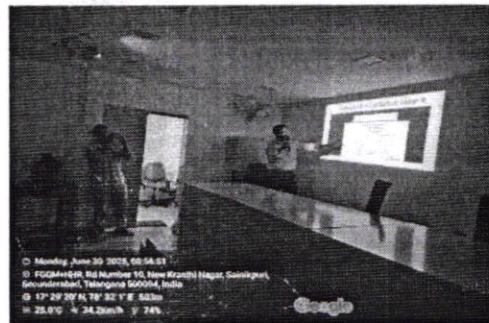
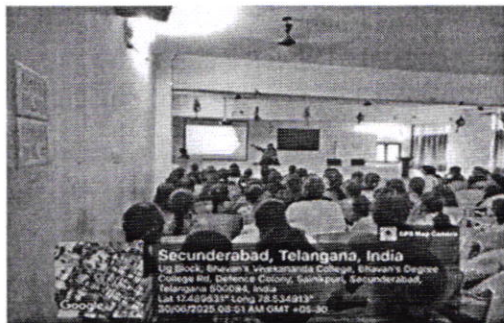
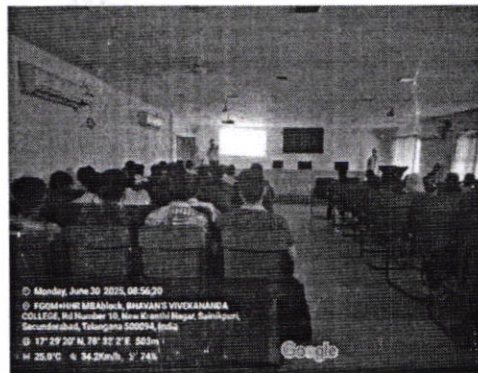
Organizing Committee
&
Resource Persons
From Department of Computer Science



The Department of Computer Science organized a comprehensive Bridge Course Program from 30th June 2025 to 5th July 2025 for newly admitted first-year students of B.Sc and BCA programs. The objective of this program was to bridge the academic transition gap between school-level learning and the university curriculum. Recognizing the varied educational backgrounds of students, the department designed this initiative to familiarize them with essential computer science fundamentals, logical reasoning, digital tools, and basic programming concepts. The week-long program incorporated a blend of online lectures, offline workshops, interactive activities, and hands-on practice sessions. The sessions witnessed enthusiastic participation and commendable feedback from students, establishing a solid academic foundation and preparing them to navigate the upcoming semesters with confidence.

Day 1: Digital You — Personality and Web Fluency (30th June 2025)

The Bridge Course commenced with an engaging session titled “Digital You: Personality & Web Fluency,” aimed at shaping students' interpersonal and digital competencies. The session was facilitated by Ms. B. Divya Rekha, Mr. Jalaj Pandey, and Mr. D. Ganesh. Ms. Divya Rekha initiated the session with insights on personality development and communication skills, emphasizing self-awareness and confidence-building. She also provided valuable guidance on career opportunities for B.Sc Physical Sciences, B.Sc HDS, and BCA students. Mr. Jalaj Pandey guided students through the college website and online resources such as ChatGPT. In the evening, Mr. D. Ganesh conducted an online workshop introducing students to Google Classroom, preparing them for academic digital tools. A total of 194 students actively participated and appreciated the session's relevance and engagement.



Jalaj

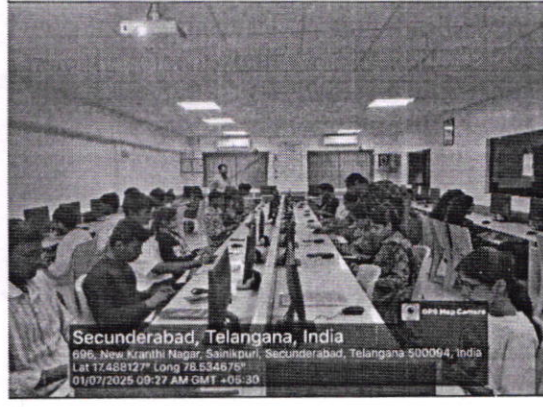
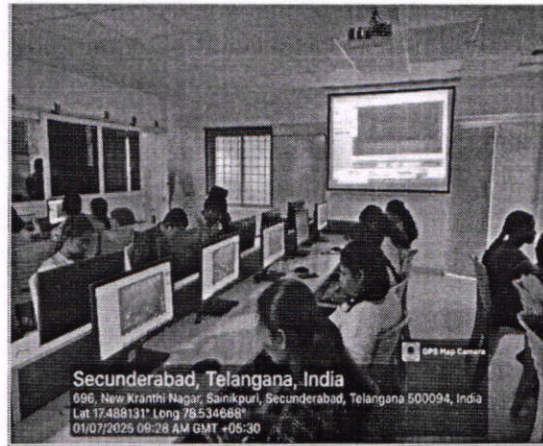
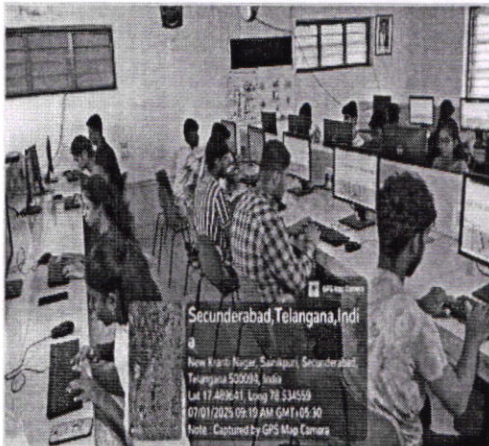
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Day 2: Typing Skills Workshop

The second day of the Bridge Course Program focused on strengthening students' typing skills, an essential competency for efficient programming, documentation, and digital communication by Dr. S. Jayalaxmi . Recognizing that typing speed and accuracy directly influence productivity in coding environments, this session aimed to enhance students' familiarity with the QWERTY keyboard layout, improve finger placement techniques, and introduce basic keyboard shortcuts.

While a detailed session record was not available, it is evident from the program's design and student reflections that the workshop involved guided practice exercises using typing tutor tools and exercises. Students likely worked through structured lessons targeting home row keys, punctuation, capital letters, and special characters, with an emphasis on reducing errors and increasing typing fluency.

The session also introduced students to common keyboard shortcuts widely used in coding platforms and operating systems. By the end of the workshop, students gained practical experience in managing text-based tasks efficiently, laying a solid foundation for future sessions involving coding, debugging, and documentation. The Typing Skills Workshop proved to be a valuable preparatory session, helping students build a critical digital skill for their academic and professional journey.



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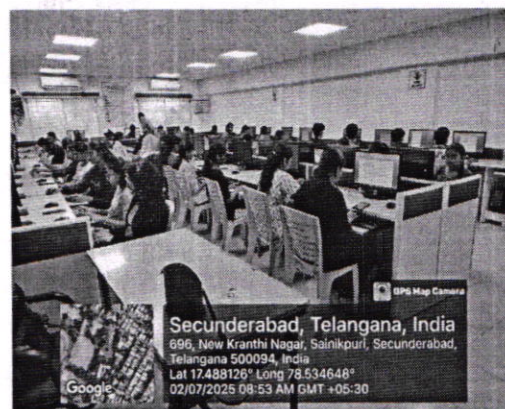
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Day 3: Foundations of Computer Science (2nd & 3rd July 2025)

On the third day, a pivotal session titled “Foundations of Computer Science” was conducted in both online and offline modes. Faculty members Mrs. N Sharon Rosy, Mr. T Santhosh, Mr. D Ganesh, and Mrs. Lakshmi Vydehi facilitated this highly informative session, designed to impart essential knowledge about the basics of computer systems.

The online session, attended by 126 students, covered introductory topics such as the definition of a computer, hardware components, types of software (system and application software), and practical overviews of Microsoft Office tools including Word, Excel, and PowerPoint. The faculty also introduced students to MS-DOS commands, familiarizing them with command-line interfaces.

The following day, an offline hands-on session was organized, attended by 147 students. During this practical class, students applied their theoretical learning by engaging in assignments and practical exercises related to hardware identification and basic software operations. This blended approach ensured comprehensive learning, enhancing students’ confidence in managing fundamental computing tasks.



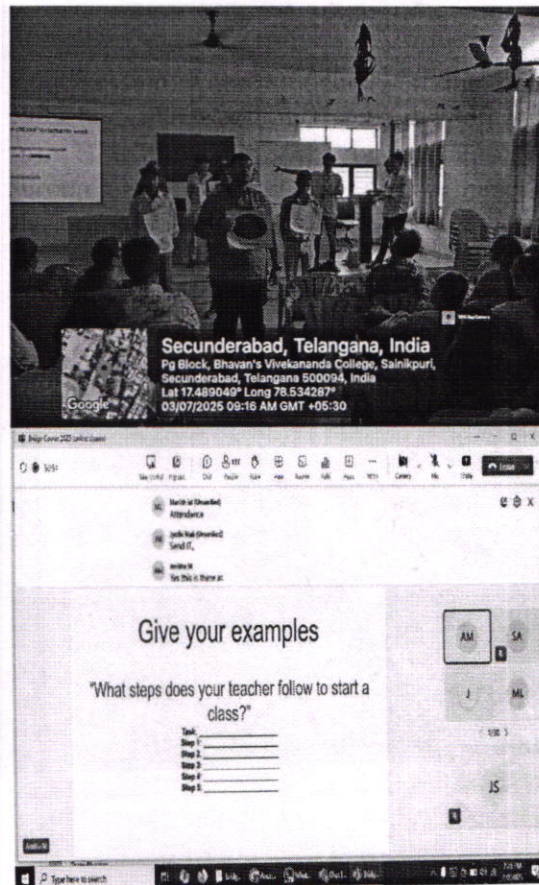
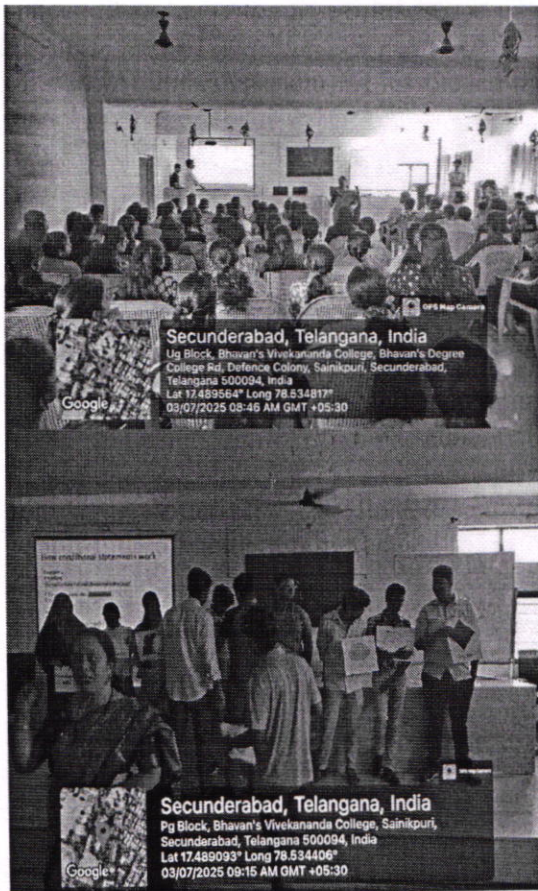
Day 4: Building Logical Thinking (2nd & 3rd July 2025)

Logical thinking forms the bedrock of programming and problem-solving in computer science. Recognizing its importance, the department conducted a dedicated session on "Building Logical Thinking". The session was split into an online component on 2nd July and an offline activity on 3rd July 2025.

Mrs. M. Amitha, Assistant Professor, led the online session, where students were introduced to the foundational concepts of algorithms and flowcharts. The session covered the definition, purpose, components, and types of algorithms, as well as flowchart symbols and their usage. Students engaged in interactive quizzes and group discussions, culminating in hands-on exercises like drawing flowcharts for simple real-world problems.

The offline session, facilitated by Mrs. M. Amitha and Mrs. J. Lakshmi Vydehi, delved into control structures such as if-else statements, loops (for, while), and the concept of memory and variables. Students practiced writing pseudocode for basic logical problems, including eligibility checks for voting and generating multiplication tables. The sessions effectively nurtured students' ability to think sequentially and logically, crucial for programming.

165 students actively participated, and the session concluded with positive outcomes, establishing a foundation in logical problem-solving.



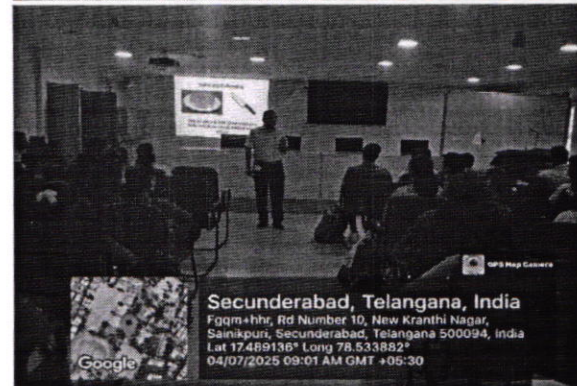
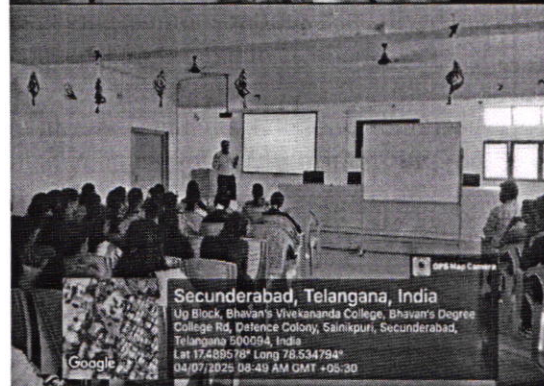
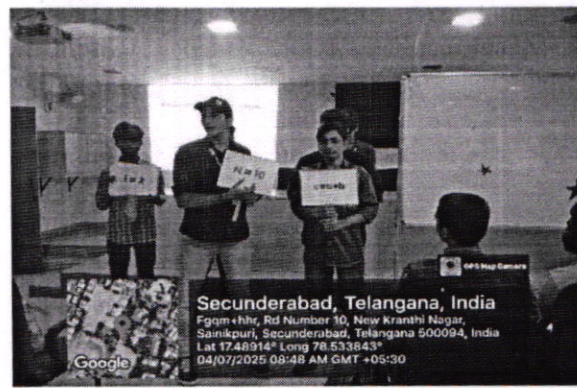
Day 5: Compute The Logic — Mathematical Essentials (3rd & 4th July 2025)

Mathematical reasoning is integral to algorithm design and programming. Hence, Day 5 was dedicated to “Compute The Logic — Mathematical Essentials”, conducted in both online and offline modes.

The online session commenced at 6:45 PM on 3rd July 2025, led by Mrs. K. Padmapriya, Mr. P. Srinivasa and Mrs. B. Vijetha. The faculty introduced students to the application of mathematical logic in programming languages such as C, C++, Java, and Python. The session covered topics like whole numbers, integers, prime and composite numbers, illustrated through animated videos for better conceptual understanding. Additionally, advanced topics like Armstrong numbers, Fibonacci series, and factorials were explained interactively.

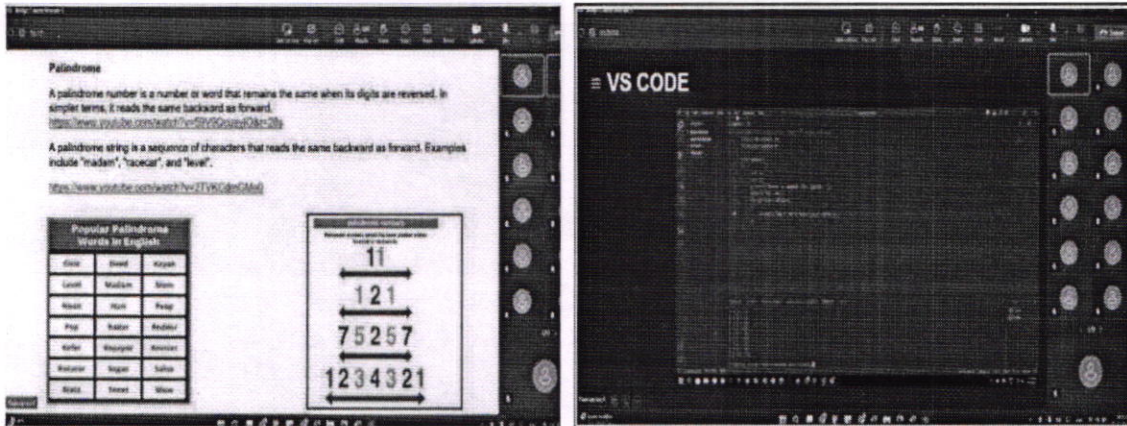
The offline session, held on 4th July 2025, was led by Dr. S. Ramana and Dr. Mahesh Kumar. They elaborated on the importance of logic in programming, loops, and conditionals, supported by role-playing activities conducted by senior students using plug cards. These engaging demonstrations visually depicted iteration and logical operations, making abstract concepts accessible to freshers.

With 133 students attending online and 155 offline, the session successfully demystified mathematical logic applications in programming.



Dr. S. Ramana

Dr. Mahesh Kumar



Day 6: IT Hardware Program (5th July 2025)

The Bridge Course extended on request by the 1st year students, so the department obliged to extend it for one more day to conduct an IT Hardware Session, providing students with practical exposure to computer hardware components. Conducted in the college premises from 8:30 AM to 9:45 AM, the session was designed to familiarize students with the internal parts of a computer system.

Faculty members presented and demonstrated essential hardware parts such as RAM, ROM, Processor, Cables, SMPS, Monitor, DVD Drive, and other peripherals. Students were encouraged to handle and identify components, fostering a tangible understanding of computer anatomy. The session was interactive, with real-time Q&A segments ensuring conceptual clarity.

Immediately following the IT Hardware Workshop, the department hosted a Valedictory Program to officially conclude the Bridge Course. The ceremony commenced with a welcome address, acknowledging the active participation and enthusiasm of the students throughout the week.

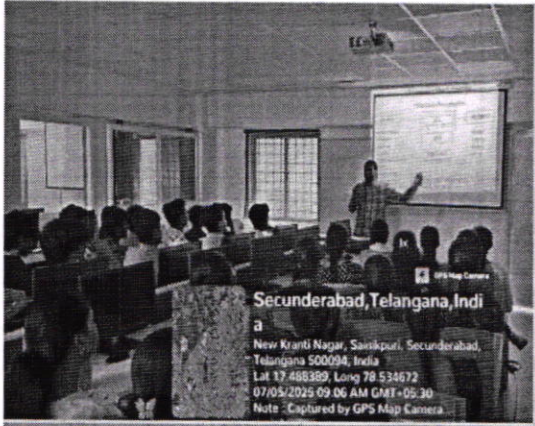
Students were then invited to share their feedback, expressing appreciation for the thoughtfully structured sessions and the seamless integration of theory and practice. Several students highlighted the engaging teaching methods, hands-on activities, and the relevance of each module in easing their transition to university-level learning.

Participation certificates were distributed to students, recognizing their dedication and encouraging continued academic excellence. Faculty members delivered motivational addresses, commending the students' commitment and emphasizing the importance of continuous learning and skill enhancement.

The program concluded with a Vote of Thanks from the organizing committee, expressing gratitude to the management, faculty, and student volunteers for their contributions to the successful execution of the program.

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Telangana 500094, India
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Telangana 500094, India
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692, New Kranthi Nagar, Sainikpuri, Secunderabad,
Telangana 500094, India
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Report on the Bridge Course Conducted by the Department of Computer Science

The Department of Computer Science organized a five-day Bridge Course for all first-year undergraduate students with the objective of familiarizing them with fundamental computer concepts and essential digital skills. The course was designed to ease the transition into academic computing and equip students with foundational knowledge and technical fluency.

The sessions were structured around the following key themes:

- **Day 1 – *Digital You: Personality & Web Fluency***
Focused on developing digital identity, online communication etiquette, and an understanding of web platforms.
- **Day 2 – *Mastering Typing Skills***
Emphasized improving typing proficiency through hands-on practice and interactive exercises.
- **Day 3 – *Tech Starters: Foundation of Computing***
Introduced students to the basics of computer systems, operating systems, and essential software tools.
- **Day 4 – *Mind Craft: Building Logical Thinking***
Covered core programming logic, algorithmic thinking, flowcharts, and control structures.
- **Day 5 – *Compute the Logic: Mathematical Essentials***
Focused on basic mathematical concepts relevant to computing, logical reasoning, and problem-solving techniques.

A total of **136 students** participated in the course, representing various academic streams, including:

- B.Sc. MECS
- B.Sc. MSCS (Sections A and B)
- B.Sc. HDS
- B.Sc. MPCS
- BCA (Sections 1A and 1B)

 **Bhavan's Vivekananda College**
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OUTREACH PROGRAMME ON MIT APP INVENTOR FOR SCHOOL STUDENTS

Organised by the Department of Computer Science
under Bhavan's Institution Innovation Council (BIIC)



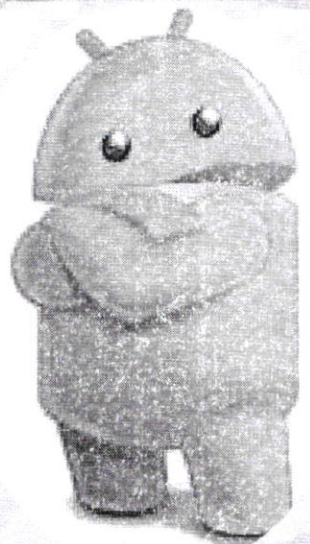
Thursday
28th August, 2025



Time
09:00 am - 2:00pm



Venue:
Bhavan's Sri Ramakrishna Vidyalaya
Sainikpuri



Faculty Incharges:

Mrs. M. Amitha, BIIC Member, BVC

Contact: 9640077655

Mrs. N. Sharon Rosy, BIIC Member, BVC

***Note: Students should bring an
Android Mobile Phone for the Hands-
on session***



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DEPARTMENT OF COMPUTER SCIENCE

REPORT ON OUTREACH PROGRAM

WORKSHOP ON MIT APP INVENTOR

Date: 28 August, 2025

Time: 9:00 AM – 2:00 PM

Venue: Bhavan's Sri Ramakrishna Vidyalaya.

The Department of Computer Science under **Bhavan's Institution Innovations Council (BIIC)** and a Sustainable Development Goals initiative, held an Outreach Program on MIT App Inventor for 11th and 12th grade students. The goal of this programme was to help students use their creativity and ideas to build useful mobile apps and learn how these skills can help them become future entrepreneurs.

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**MIT
APP INVENTOR**

**OUTREACH PROGRAMME
ON
MIT APP INVENTOR
FOR SCHOOL STUDENTS**

Organised by the Department of Computer Science
under Bhavan's Institution Innovation Council (BIIC)

**Thursday
28th August, 2025**

**Time
09:00 am - 2:00pm**

**Venue:
Bhavan's Sri Ramakrishna Vidyalaya
Sainikpuri**

**Faculty Incharges:
Mrs. M. Amitha, BIIC Member, BVC
Contact: 9640077655
Mrs. N. Sharon Rosy, BIIC Member, BVC**

*****Note: Students should bring an
Android Mobile Phone for the Hands-
on session*****

The workshop was led by **BCA second-year students** from Bhavan's Vivekananda College of Science, Humanities and Commerce, guided by **Mrs. M. Amitha and Mrs. N. Sharon Rosy**, both Assistant Professors in the Computer Science Department.

Students got hands-on experience with **MIT App Inventor**, a simple tool to make Android apps. They created apps like a **Text Translator, To-Do List with a database, Calculator, and Safety Apps**. The session helped students learn how technology can be used to solve real-life problems and support a sustainable lifestyle. There were **40 students** who participated in the event and made the best utilisation of the workshop.

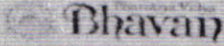
The session was very engaging and interactive with all students participating enthusiastically in developing these apps by themselves.

The volunteers for the event were:

Dhruv Patel	BCA- 2A
Sai Nitin	BCA- 2A
L Naresh Kumar	BCA- 2A
Rohini Panchangam	BCA- 2B
Neha Mohapatra	BCA- 2B
Punith Pawar	BCA- 2B



The list of students who participated in the Outreach is given below:

 BHAVAN'S VIVEKANANDA COLLEGE of Science, Humanities & Commerce OUT-REACH PROGRAM(2025-2026)				
School Name: BHAVAN'S SRI RAMAKRISHNA VIDYALAYA			Date: 28-08-2025	
LIST OF PARTICIPANTS				
Sl.No	NAME OF THE STUDENT	CLASS	SEC	SIGN
1	BOJJA RIYA PAUL	XII	A	R. Rippaul
2	VOOTUKURI TEJASWI	XII	A	V. Tejaswi
3	BASUTHKAR DEEPSHIKA	XII	A	B. Deepshika
4	DHARINI T S	XII	A	T. S. Dharini
5	NIMMALA ANANYA	XII	A	Ananya
6	K NIRMAL KUMR	XII	A	K. Nirmal
7	VIRAJ KHICHI	XII	A	Viraj
8	AASHRAY PATHAK	XII	A	Aashray
9	SREESHANTH EDURAPALLI	XII	A	Sreeshanth
10	SEYAAN KSHATRIYA YEDIDI	XII	A	Seyaana
11	V ANANYA	XII	C	V. Ananya
12	B V SREENIDHI	XII	C	B. V. Sreenidhi
13	AAYUSHI MODUMPALLI	XII	C	Aayushi
14	TATIKONDA SRI SAHITHI JESHNA	XII	C	Tatikonda
15	GEENA MERLYN JONNALAGADD	XII	C	Geena
16	R SRIRAM	XII	C	R. Sriram
17	A SRI RADHA	XII	C	A. Sri Radha
18	G ABHIRAJ DEV	XII	C	G. Abhiraj
19	ARMAAN AGARWAL	XII	C	Armaan
20	G JOSHIL RAJ	XI	A	G. Joshil
21	OJAS NEIL DSOUZA	XI	A	Ojas
22	KOSANAM ABHINAV SAI	XI	A	Kosanam
23	ANISH NATARAJ	XI	A	Anish
24	DHRUV DHILLON	XI	A	Dhruv
25	NAGA SHRI RAM PV	XI	A	Naga
26	MALAPATI LOKNATH CHAUDHARY	XI	A	Malapati
27	NITHIN KASHYAP	XI	A	Nithin
28	N. GAYATRI	XI	A	N. Gayatri
29	CHIGARAPATI SRAGVI SRI KRISHNA	XI	A	Chigarapati
30	SWAPNIL DEY PURKAYASTHA	XI	B	Swapnil
31	SHRIYANS JAYANTI	XI	B	Shriyans
32	SWAYAM DEV DAS	XI	B	Swayam
33	VALLABH TANIKELLA	XI	B	Vallabh
34	THOTA NEHAL	XI	B	Thota
35	VEMULA LOK SRI ESWAR	XI	B	Vemula
36	TADANKI CHANDRIKA	XI	B	Tadanki
37	KHUSHBU BARDIA	XII	C	Khushbu
38	KOLACHINA SAI SRIYA	XII	C	Kolachina
39	AADITHYA T K	XI	A	Aadithya
40	SAHITI RAJESH BULE	XI	B	Sahiti






Secunderabad, Telangana, India

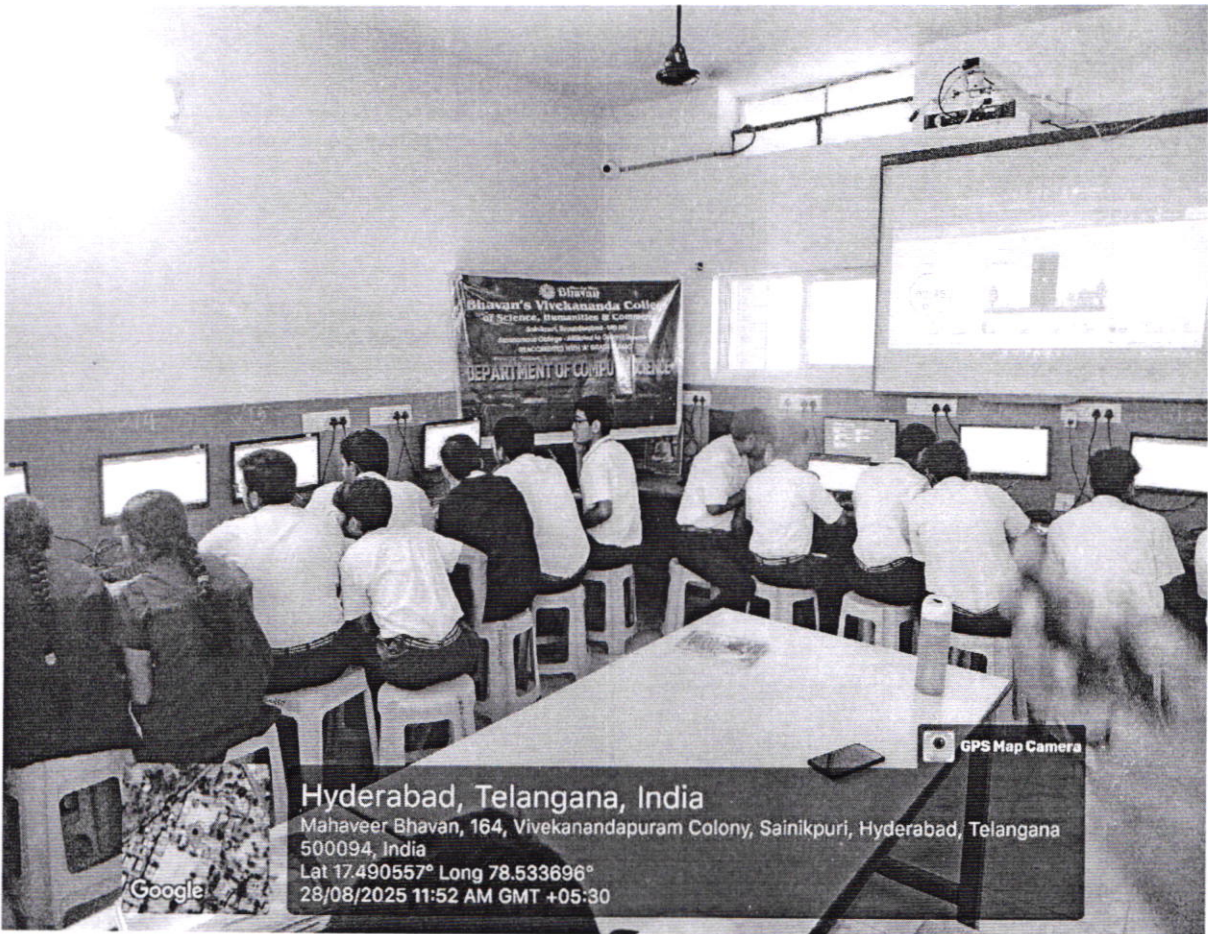
Fgqm+gf5, New Kranthi Nagar, Sainikpuri, Secunderabad, Telangana 500094, India

Lat 17.488812° Long 78.533253°

28/08/2025 01:40 PM GMT +05:30

Google

GPS Map Cam



Hyderabad, Telangana, India

Mahaveer Bhavan, 164, Vivekanandapuram Colony, Sainikpuri, Hyderabad, Telangana 500094, India

Lat 17.490557° Long 78.533696°

28/08/2025 11:52 AM GMT +05:30

Google

GPS Map Camera



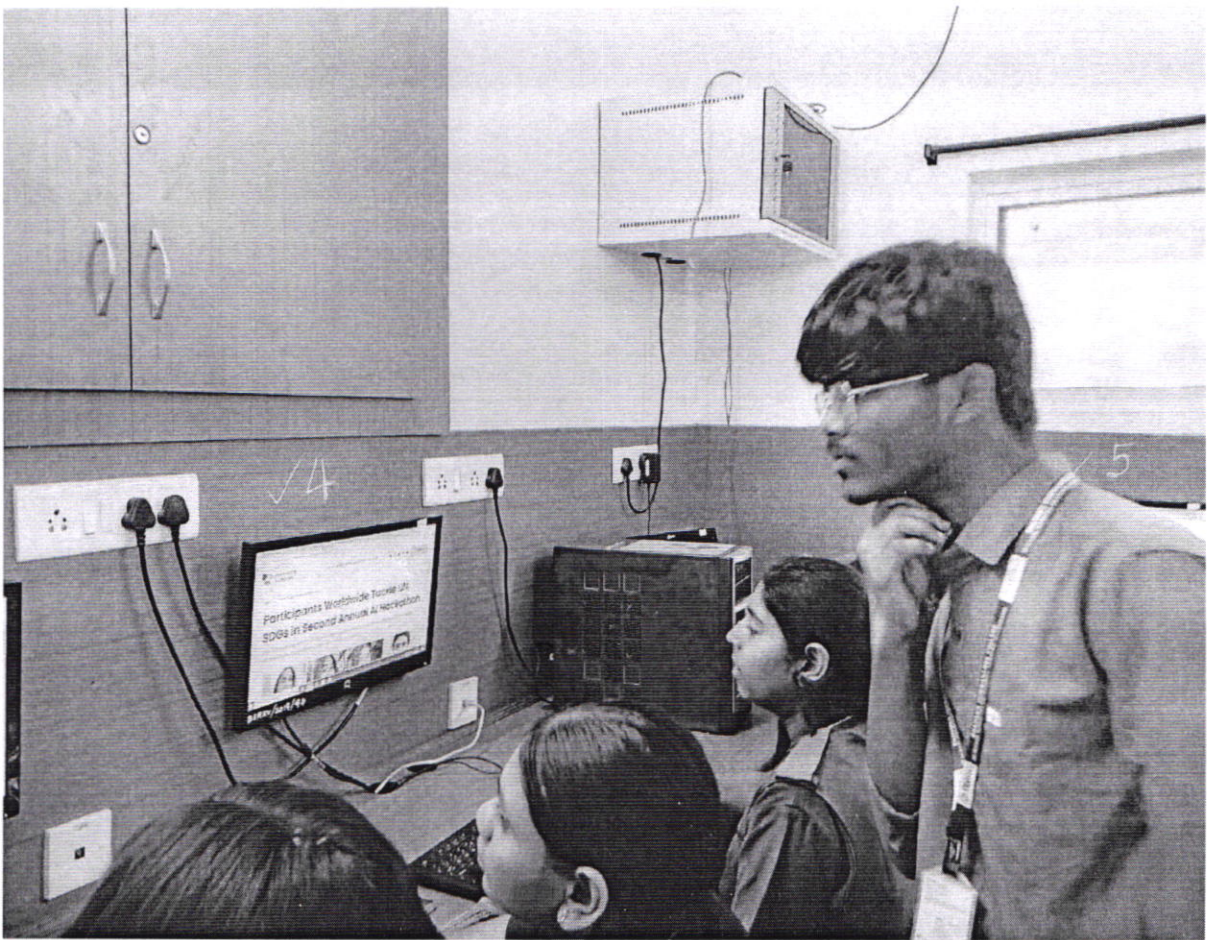
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భవన్స్ వివేకానంద కళాశాలలో ఎంఐటీ యాప్ ఇన్వెంటర్ వర్క్‌షాప్



నరేడ్ మెట్ సైనికపురి, ఆగస్టు 28 (నేటి మనదేశం): భవన్స్ వివేకానంద కళాశాల ఆఫ్ సైన్స్, హ్యూమానిటీస్ అండ్ కామర్స్ లోని కంప్యూటర్ సైన్స్ విభాగం ఆధ్వర్యంలో, ఇన్స్టిట్యూషన్ ఇన్స్టిట్యూషన్స్ కౌన్సిల్ (బీఐఐసి), సప్టెంబర్ దెవలప్మెంట్ గోల్డ్ చొరవ కింద, 11వ, 12వ తరగతి విద్యార్థుల కోసం ఎంఐటీ యాప్ ఇన్వెంటర్ అవుట్‌రీచ్ ప్రోగ్రాంను నిర్వహించారు. ఈ కార్యక్రమం లక్ష్యం ప్రకారం విద్యార్థుల సృజనాత్మకతను పెంపొందించి, ఉపయోగకరమైన మొబైల్ యాప్ల రూపకల్పనలో వారికి ప్రాయోగిక అనుభవాన్ని అందించడం. తద్వారా భవిష్యత్తులో వారు పారిశ్రామికవేత్తలుగా ఎదగడానికి అవసరమైన నైపుణ్యాలను అలవర్చుకోవడం. ఈ వర్క్‌షాప్‌కి భవన్స్ డీసీఏ రెండవ సంవత్సరం విద్యార్థులు నాయకత్వం వహించగా, కంప్యూటర్ సైన్స్ విభాగానికి చెందిన ఉపాధ్యాయులు ఎం. అమిత, ఎస్. షేర్‌స్ రోస్ మాగ్డలెన్ కుమార్, ఆండ్రెయిడ్ యాప్ల రూపకల్పనకు సులభమైన సాధనంగా పేరుపొందిన ఎంఐటీ యాప్ ఇన్వెంటర్ తో విద్యార్థులు స్వయంగా యాప్లు తయారు చేశారు. ఇందులో టెక్స్ట్రాన్స్, డేటాబేస్ కూడిన టూ%-%డూ లిస్ట్, కాలిక్యులేటర్, భద్రతా యాప్లు వంటి ఉపయోగకరమైన అనువర్తనాలను రూపొందించారు. నిజజీవిత సమస్యల పరిష్కారానికి సాంకేతిక పరిజ్ఞానాన్ని వినియోగించడం, స్థిరమైన జీవనశైలికి దోహదపడే యాప్లు సృష్టించడం వంటి అంశాలపై విద్యార్థులు ప్రత్యక్ష అనుభవాన్ని పొందారు. ఈ సందర్భంగా పాల్గొన్నవారు ఎంతో ఉత్సాహంగా, చురుకుగా స్పందించి స్వయంగా యాప్ల ఆభివృద్ధిలో భాగస్వాములయ్యారు.

Youtube Link: https://youtube.com/shorts/Z0YFRdjexv8?si=Xx_pCgZUMnLb47Fd



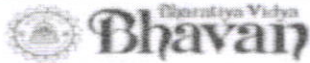
BHAVAN'S VIVEKANANDA COLLEGE
of Science, Humanities & Commerce
OUT-REACH PROGRAM(2025-2026)

School Name: BHAVAN'S SRI RAMAKRISHNA VIDYALAYA

Date: 28-08-2025

LIST OF PARTICIPANTS

Sl.No	NAME OF THE STUDENT	CLASS	SEC	SIGN
1	BOJJA RIYA PAUL	XII	A	
2	VOOTUKURI TEJASWI	XII	A	
3	BASUTHKAR DEEPSHIKA	XII	A	
4	DHARINI T S	XII	A	
5	NIMMALA ANANYA	XII	A	
6	K NIRMAL KUMR	XII	A	
7	VIRAJ KHICHI	XII	A	
8	AASHRAY PATHAK	XII	A	
9	SREESHANTH EDURAPALLI	XII	A	
10	SEYAAN KSHATRIYA YEDIDI	XII	A	
11	V ANANYA	XII	C	
12	B V SREENIDHI	XII	C	
13	AAYUSHI MODUMPALLI	XII	C	
14	TATIKONDA SRI SAHITHI JESHNA	XII	C	
15	GEENA MERLYN JONNALAGADD	XII	C	
16	R SRIRAM	XII	C	
17	A SRI RADHA	XII	C	
18	G ABHIRAJ DEV	XII	C	
19	ARMAAN AGARWAL	XII	C	
20	G JOSHIL RAJ	XI	A	
21	OJAS NEIL DSOUZA	XI	A	
22	KOSANAM ABHINAV SAI	XI	A	
23	ANISH NATARAJ	XI	A	
24	DHRUV DHILLON	XI	A	
25	NAGA SHRI RAM PV	XI	A	
26	G R Srinivasan	XI	A	
27	NITHIN KASHYAP	XI	A	
28	N. GAYATRI	XI	A	
29	CHIGARAPATI SRAGVI SRI KRISHNA	XI	A	
30	SWAPNIL DEY PURKAYASTHA	XI	B	
31	SHRIYANS JAYANTI	XI	B	
32	SWAYAM DEV DAS	XI	B	
33	VALLABH TANIKELLA	XI	B	
34	THOTA NEHAL	XI	B	
35	VEMULA LOK SRI ESWAR	XI	B	
36	TADANKI CHANDRIKA	XI	B	
37	KHUSHBU BARDIA	XII	C	
38	KOLACHINA SAI SRIYA	XII	C	
39	AADITHYA T K	XI	A	
40	SAHITI RAJESH BULE	XI	B	



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SI.No	NAME OF THE STUDENT	CLASS	SEC	SIGN
1	BOJJA RIYA PAUL	XII	A	B. Rip Paul
2	VOOTUKURI TEJASWI	XII	A	V. Tejaswi
3	BASUTHKAR DEEPSHIKA	XII	A	B. Deepshika
4	DHARINI T S	XII	A	T.S. Dharini
5	NIMMALA ANANYA	XII	A	Ananya
6	K NIRMAL KUMR	XII	A	K. Nirmal
7	VIRAJ KHICHI	XII	A	V. Viraj
8	AASHRAY PATHAK	XII	A	A. Ashray
9	SREESHANTH EDURAPALLI	XII	A	S. Sreeshanth
10	SEYAAN KSHATRIYA YEDIDI	XII	A	S. Seyaan
11	V ANANYA	XII	C	V. Ananya
12	B V SREENIDHI	XII	C	B. V. Sreenidhi
13	AAYUSHI MODUMPALLI	XII	C	A. Ayushi
14	TATIKONDA SRI SAHITHI JESHNA	XII	C	T. Sahithi
15	GEENA MERLYN JONNALAGADD	XII	C	G. Merlyn
16	R SRIRAM	XII	C	R. Sriram
17	A SRI RADHA	XII	C	A. Sri Radha
18	G ABHIRAJ DEV	XII	C	G. Abhiraj
19	ARMAAN AGARWAL	XII	C	A. Armaan
20	G JOSHIL RAJ	XI	A	G. Joshil
21	OJAS NEIL DSOUZA	XI	A	O. J. Neil
22	KOSANAM ABHINAV SAI	XI	A	K. Abhinav
23	ANISH NATARAJ	XI	A	A. Anish
24	DHRUV DHILLON	XI	A	D. Dhruv
25	NAGA SHRI RAM PV	XI	A	N. Sri Ram
26	MALAPATI LOKNATH CHOUDHARY	XI	A	M. Loknath
27	NITHIN KASHYAP	XI	A	N. Nithin
28	N. GAYATRI	XI	A	N. Gayatri
29	CHIGARAPATI SRAGVI SRI KRISHNA	XI	A	C. Sragvi
30	SWAPNIL DEY PURKAYASTHA	XI	B	S. Swapnil
31	SHRIYANS JAYANTI	XI	B	S. Shriyans
32	SWAYAM DEV DAS	XI	B	S. Swayam
33	VALLABH TANIKELLA	XI	B	V. Vallabh
34	THOTA NEHAL	XI	B	T. Nehal
35	VEMULA LOK SRI ESWAR	XI	B	V. L. S. Eswar
36	TADANKI CHANDRIKA	XI	B	T. Chandrika
37	KHUSHBU BARDIA	XII	C	K. Khushbu
38	KOLACHINA SAI SRIYA	XII	C	K. Sai Sriya
39	AADITHYA T K	XI	A	A. Aadithya
40	SAHITI RAJESH BULE	XI	B	S. Sahiti

Department of Computer Science

INTERNATIONAL WEBINAR

Live from San Francisco, USA
For All BCA Final Years

CAREERS IN CYBERSECURITY: HOW TO GET INDUSTRY-READY

"Hack your way into the future — ethically!"

Resource Persons:



Abhijeth Dugginapeddi

Director of Offensive Security
15+ years in India, Australia, U.S.

About Speaker:

- Specializes in Offensive security, app & cloud security, IR.
- Built security teams from scratch.
- Discovered critical vulnerabilities in Google & Meta.
- 100+ talks incl. Black Hat & DEF CON.

abhijethd@gmail.com



Srinivasarao Kotipalli

Executive Director

10+ years in ethical hacking & architecting solutions.

About Speaker:

- Cybersecurity pro at a large financial institution.
- Author of "Hacking Android".
- Speaker & trainer at multiple international conferences.

cnuhackz@gmail.com

What You'll Learn:

- A practical roadmap from student to industry-ready professional.
- Core skills: web/app pentesting, cloud security basics, threat modeling.
- Hands-on projects & labs that stand out in portfolios and interviews.
- Certifications that matter (e.g., OSCP/eJPT) and how to prepare smartly.
- Resume, LinkedIn, and networking tips tailored for cybersecurity roles.

9TH SEP, 2025
10:00 AM IST

Faculty Incharge

Ms. B. Divya Rekha

H.O.D

Dr. K. V. B. Saraswathi Devi

Student Incharges

Saiesh Ram
Nikhil Agarwal



**Bhavan's Vivekananda College
of Science, Humanities & Commerce
Autonomous College-Affiliated to Osmania University**

Re-Accredited with 'A' Grade by NAAC

Sainikpuri, Secunderabad- 500094

DEPARTMENT OF COMPUTER SCIENCE

Report on International Webinar

on Topic

“Careers in Cybersecurity: How to get Industry-Ready”

Date: 9 September,2025

Time: 10:00 am - 11:30 am

Venue: Library Block

Bhavan's
BHAVAN'S VIVEKANANDA COLLEGE
OF SCIENCE, HUMANITIES & COMMERCE
SAINIKPURI, SECUNDERABAD - 500094
REACCREDITED WITH 'A' GRADE BY NAAC
AUTONOMOUS COLLEGE, AFFILIATED TO O.U.

Department of Computer Science

INTERNATIONAL WEBINAR

Live from San Francisco, USA
For All BCA Final Years

**CAREERS IN CYBERSECURITY: HOW TO GET
INDUSTRY-READY**

"Hack your way into the future — ethically!"

Speakers:

- Abhijeth Dugginapeddi**
Director of Offensive Security
Specialist in Cyber Security, app & cloud security, etc.
• Built security teams from scratch.
• Designed and delivered webinars to 10,000+ users.
• 100+ talks and workshops at DEF CON.
- Srinivasarao Kotipalli**
Executive Director
Specialist in Cyber Security, app & cloud security, etc.
• Experienced by 100k+ in a large corporate organization.
• Author of "Hacking Android".
• Speaker & host of multiple international conferences.

What You'll Learn:

- A practical roadmap from student to industry-ready, in 10 weeks or less.
- Core skills, with easy-to-understand, step-by-step security frameworks for real-world training.
- Hands-on projects & labs that stand out in portfolios and interviews.
- Certifications that matter (e.g., OSCP, NTP) and how to prepare smartly.
- Resume, LinkedIn, and networking tips tailored for cybersecurity roles.

**9th SEP.2025
10:00 AM IST**

Faculty Incharge: Mr. B. Eswara Reddy

I.O.D: Dr. K. V. B. Srinivasulu Reddy

Student Incharges: Siddhant Reddy, Anshu Reddy

The Department of Computer Science hosted an **International Webinar** on *9th September 2025* titled “**Careers in Cybersecurity: How to Get Industry-Ready**”, conducted live from San Francisco, USA and Singapore, exclusively for final-year BCA students. The session featured two distinguished resource persons: **Mr. Abhijeth Dugginapeddi**, Director of Offensive Security, and **Mr. Srinivasarao Kotipalli**, Executive Director and cybersecurity professional.

The event began with a warm welcome by the Head of the department Dr. K.V.B. Saraswathi devi and faculty incharge, **Ms. B. Divya Rekha**. The student incharges, **Saieesh Ram** and **Nikhil Agarwal**, coordinated the event.

During the session, **Mr. Abhijeth Dugginapeddi**, who has over 15 years of experience across India, Australia, and the U.S., shared his expertise in offensive security, app security, and incident response. He spoke about his journey of building security teams from scratch, discovering critical vulnerabilities in platforms like Google and Meta, and his active participation in top cybersecurity conferences such as Black Hat and DEF CON.

Mr. Srinivasarao Kotipalli, with more than a decade of experience in ethical hacking and architecting cybersecurity solutions at a large financial institution, shared his professional journey and insights. He is also the author of the book “*Hacking Android*” and a frequent speaker at international conferences. His talk emphasized the significance of ethical hacking, career preparedness, and the growing demand for cybersecurity professionals worldwide.

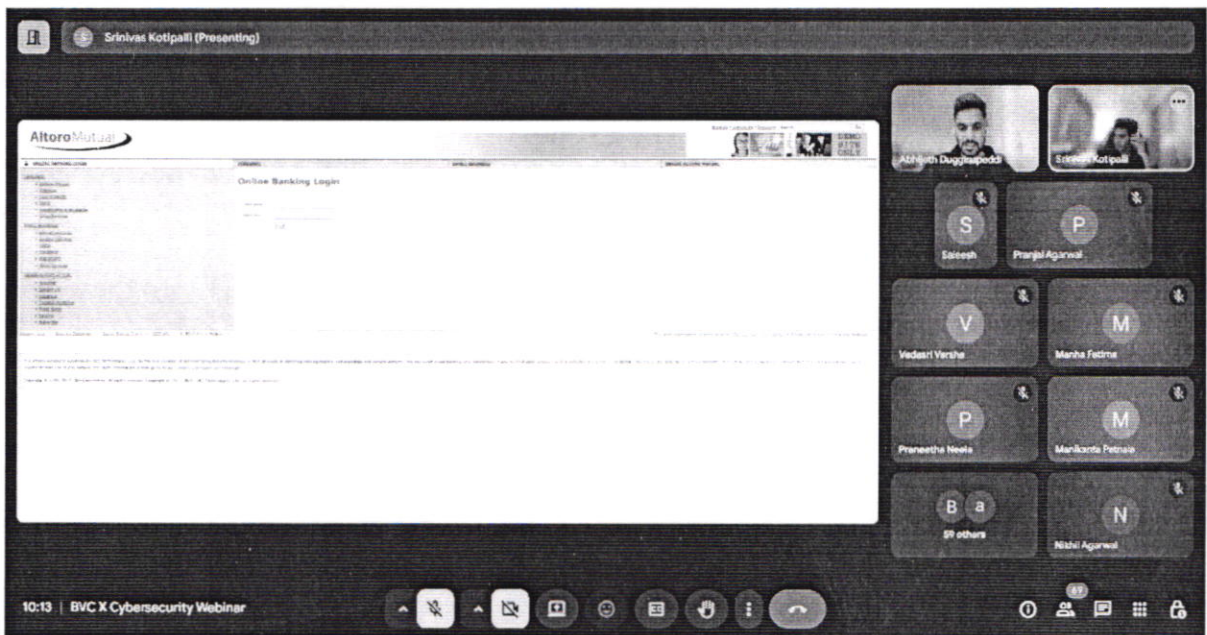




The speakers also addressed a series of **student-driven questions**, offering practical answers:

1. **What inspired you both to choose cybersecurity as a career path?**

Both speakers shared that their fascination with problem-solving, curiosity about systems, and the thrill of finding vulnerabilities motivated them. They highlighted how cybersecurity combines creativity with responsibility, making it both challenging and rewarding.



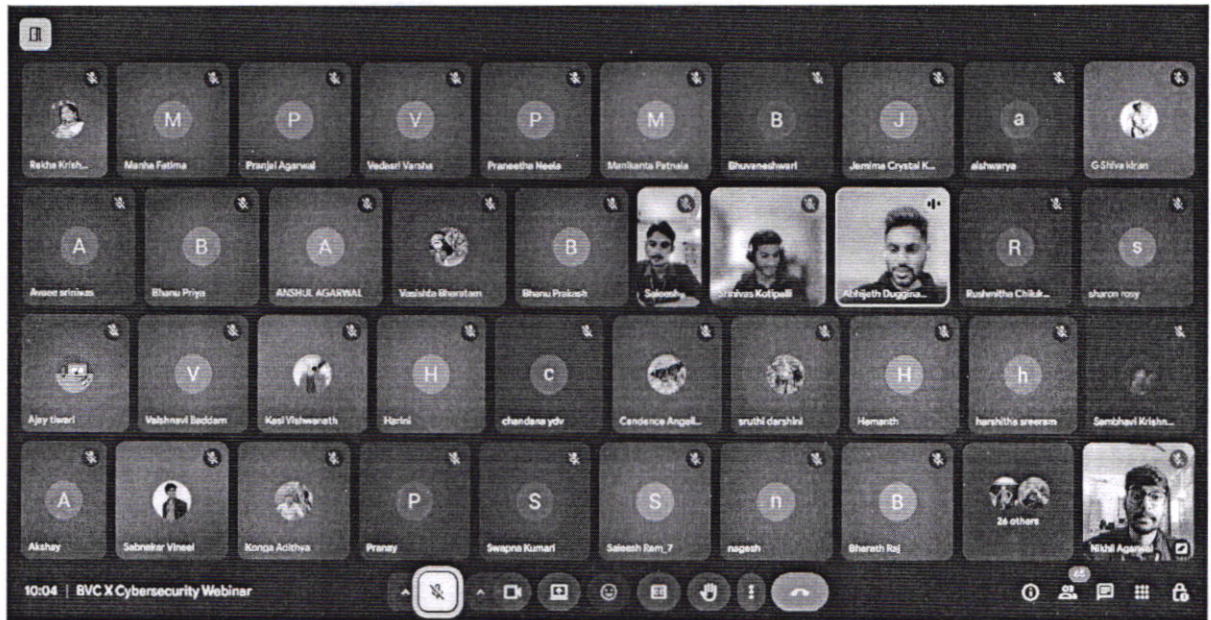
2. **You've both worked internationally—what differences do you see in cybersecurity practices across countries?**

They explained that while the fundamentals remain the same everywhere, mature economies like the U.S. and Australia invest heavily in proactive security measures,

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automation, and compliance, whereas developing regions often prioritize reactive approaches due to resource constraints.



3. Could you share a real-world incident where quick response in cybersecurity saved a company from a major threat?

Mr. Abhijeth recalled an incident where a company's web application was under active exploitation. A rapid identification of the vulnerability and immediate patching prevented the attacker from breaching customer data. This, he stressed, showed how timely action directly translates to business survival.

4. For students just starting out, what are some common mistakes to avoid in their learning journey?

The speakers warned against blindly following tools without understanding the concepts behind them. They encouraged students to build strong fundamentals in networking, operating systems, and coding before jumping into advanced certifications. Lack of consistent practice, they emphasized, is another mistake to avoid.

5. With AI and automation evolving fast, do you see them as threats to cybersecurity jobs or as tools that make professionals stronger?

Both speakers agreed that AI is not a threat but an enabler. While automation will handle repetitive tasks, cybersecurity professionals will be needed for critical thinking, strategy, and decision-making. They encouraged students to learn how to leverage AI tools to amplify their skills rather than fear them.

6. If you were in our place as students today, how would you prepare differently for a career in this field?

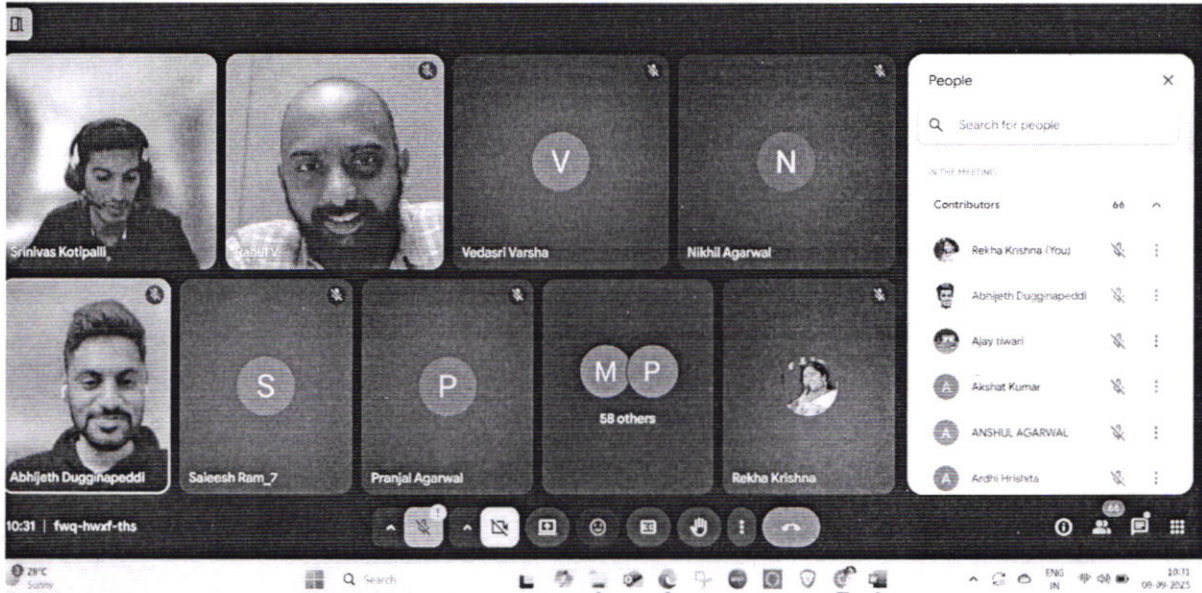
They advised focusing on practical exposure through labs, Capture the Flag (CTF) challenges, bug bounty platforms, and internships. They also suggested maintaining a

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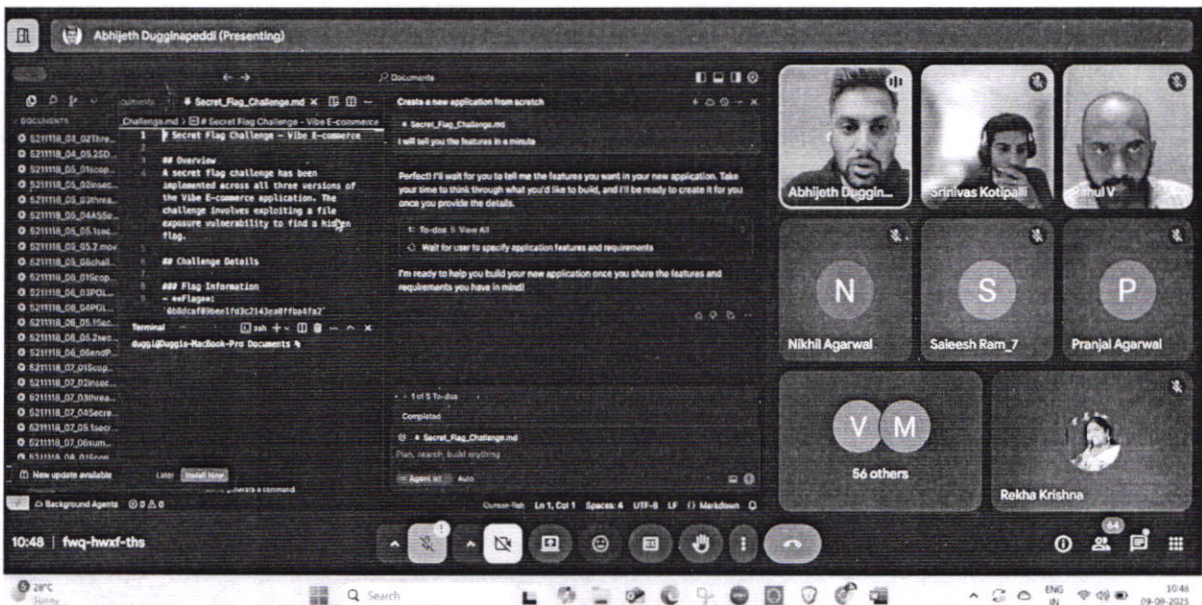
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strong online profile (GitHub, LinkedIn) and continuously updating skills in cloud and application security.

In addition, the speakers outlined a **practical roadmap for students** to become industry-ready professionals



The webinar provided students with valuable insights into the cybersecurity industry, combining theoretical knowledge with practical guidance. The interactive nature of the session kept students engaged, motivating them to pursue certifications, projects, and professional practices to strengthen their career paths.



Total no. of participants was **68** in this International Webinar

The event proved to be **highly impactful and inspiring**, leaving students with a clear understanding of how to **“hack their way into the future — ethically!”**

Said

[Signature]

The List of participants is given below:

List of Students Participated in International Webinar				
conducted on topic "Careers in Cybersecurity: How to get Industry-Ready"				
S.No	Roll Number	Full Name	Class & Section	Gender
1	107223861020	Cara Maria Roma Ravikanth	BCA 3A	Female
2	107223861010	Avaneesh Srinivas Mamidala	BCA3A	Male
3	107223861016	Bharatam Sriram Vasishta	BCA 3A	Male
4	107223861050	Krishna Koushik	BCA 3A	Male
5	107223861083	Richard Gomes	BCA 3B	Male
6	107223861043	M.Saieesh Ram	BCA-3B	Male
7	107223861055	Chandana	Bca 3a	Female
8	107223861071	Manikanta	BCA 3B	Male
9	107223861041	K.Bhanu priya	BCA3A	Female
10	107223861012	Srihitha	Bca 3a	Female
11	107223861022	Rushmitha	Bca3a	Female
12	107223861037	Harshitha Sreeram	Bca 3a	Female
13	107223861046	K.Sruthi Darshini	BCA 3A	Female
14	107223861006	A rishwitha	Bca 2a	Female
15	107223861018	Hansraj	Bca3A	Male
16	107223861019	Candence Angelica Sebastine	Bca 3A	Female
17	107223861032	GUGULOTHU ARAVIND	Bca 3a	Male
18	107223861100	Yeju Vaishnav	Bca 3b	Male
19	107223861045	Kcharan	BCA 3A	Male
20	107223861072	Pinnoju Bharath raj	BCA 3B	Male
21	107223861053	Manha Fatima	BCA 3b	Female
22	107223861079	Dalvi Pushkar	Bca 3b	Male
23	107223861008	Ardhi Hrishita	BCA 3A	Female
24	107223861068	Paida Srivishnu	BCA 3B	Male
25	107223861078	Madhumitha	BCA 3B	Female
26	107223861085	Sambhavi Krishna Sowmika V	BCA 3B	Female
27	107223861088	S.Asritha Sai	BCA 3B	Female
28	107223861070	Patchigolla Jhansi Durga Sirisha	BCA 3b	Female
29	107223861060	Nagesh	Bca 3b	Male
30	107223861040	Jyothi Urade	BCA3A	Female
31	107223861084	Sabnekar vineel	Bca 3B	Male
32	107223861002	Ajay Tiwari	BCA 3A	Male
33	107223861014	Vaishnavi	BCA 3A	Female
34	107223861013	B Pawan Kumar	Bca 3a	Male
35	107223861038	Jemima Crystal kukutla	BCA 3A	Female
36	107223861015	B.Kasi Vishwanath	BCA 3A	Male
37	107223861097	K. Vedasri Varsha	BCA 3B	Female

38	1072223861064	Nikhil TJ	BCA-3B	Male
39	107223861076	Pulakanti Keerthi	BCA 3b	Female
40	107223861035	G.Bhanu Prakash	BCA 3A	Male
41	107223861042	K Likhitha Reddy	BCA 3A	Female
42	107223861062	Neela Praneetha	BCA 3b	Female
43	107223861066	P Rishi Shankar	BCA 3B	Male
44	107223861091	Sujal Mandal	Bca 3B	Male
45	107223861090	Srivatsa joshi	Bca 3b	Male
46	107223861073	Praneet	Bca 3b	Male
47	107223861098	Y.V.B. Deva Vrata	BCA 3B	Male
48	107223861003	Akshat kumar	3A	Male
49	107223861011	A P Dhruv	BCA 3A	Male
50	107223861047	K.Sai Shashank	3A	Male
51	107223861086	S.Sowmyasree	BCA-3B	Female
52	107223861027	Faaziyah Nargis	BCA 3A	Female
53	107223861026	Edula Harini	BCA(3A)	Female
54	107223861029	Gande Hemanth	Bca 3a	Male
55	107223861034	Gundelli Akshay	Bca 3a	Male
56	107223861033	Shiva Kiran	Bca 3a	Female
57	107223861071	S Vineel	BCA 3B	Male
58	107223861041	K.Bhanu priya	BCA3A	Female
59	107223861012	Khushi Patel	Bca 3a	Female
60	107223861095	V.Aishwarya	Bca3b	Female
61	107223861025	Aditya	BCA3A	Female
62	1072223861064	Nikhil Agarwal	BCA-3B	Male
63	107223861076	Pulakanti Keerthi	BCA 3b	Female
64	107223861013	Dhruv	BCA 3A	Male
65	107223861042	Pratik	BCA 3	Female
66	107223861032	Siddharth Singh	Bca 3B	Male
67	107223861100	Sanvith	Bca 3b	Male
68	107223861045	Sreeshanth	BCA 3A	Male

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BHAVAN'S VIVEKANANDA COLLEGE of Science, Humanities and Commerce

Sainikpuri, Secunderabad, Telangana
Reaccredited with 'A' Grade by NAAC
Autonomous College - Affiliated to Osmania University
Website: www.bhavansvc.ac.in | Phone No: 040-27111611, 27115878



AICTE Training And Learning (ATAL) Academy



FACULTY DEVELOPMENT
PROGRAMME
(2025-26)
One Week - Offline

Organized By

Dept. of Computer Science

Thrust Area: Cloud Technology

Topic : *Unlocking Cloud Potential -
Bridging Theory and
Practice for Educators*
Date : *15th - 20th September 2025*
Timings : *9:30 a.m. - 5:30 p.m.*

ABOUT THE COLLEGE

Bhavan's Vivekananda College of Science, Humanities and Commerce was established under the aegis of Bharatiya Vidya Bhavan, on 2nd of August, 1993 with 131 students. Since inception, the college has been strongly promoting the ideals of the Bhavan, by providing education blended with a strong foundation of the fundamental values of life. The college offers undergraduate programmes in Physical Sciences, Life Sciences, Commerce, Mass Communication and Business Administration as well as 5 post-graduate Programmes (Computer Science, Microbiology, Biochemistry, Business Administration and Commerce). Currently, 2 Doctoral Programmes are offered in Microbiology and Biochemistry. The curriculum of the courses is designed to cater to the growing needs of industry and society. The college also strives to raise the intellectual and moral standards of the students.

The college was accredited with 'A' grade by NAAC in 2012 and granted autonomy by the UGC in 2015. The sprawling and vibrant campus has a peaceful atmosphere conducive to not only teaching and learning, but also to the development of the future citizens of our country.

ABOUT THE DEPARTMENT

The Department of Computer Science has been an integral part of the college since its inception. It inspires students to understand and write their own programs successfully by organizing numerous seminars, workshops, value-added courses, and guest lectures delivered by prominent industry experts. Computer Science is an interdisciplinary field that supports students from various streams, facilitating their exponential growth and preparing them to become industry-ready professionals.

ABOUT ATAL

AICTE Training and Learning (ATAL) Academy is established with a vision 'to empower faculty to achieve goals of Higher Education such as access, equity and quality'. AICTE is committed for the development of quality technical education in the country by initiating various schemes launched by Govt. of India, Ministry of Human Resource Development. It supports technical institutions in fostering research, innovation and entrepreneurship through training. It aims to empower technical teachers and technicians using Information & Communication Technology. It provides a variety of opportunities for training and exchange of experiences and supports policy makers for incorporating training as per requirements.

ABOUT THE FDP

- Cloud Computing delivers on-demand services including storage, servers, software, and databases via the internet, eliminating the need for physical infrastructure. It supports scalable, flexible, and cost-efficient solutions tailored to organizational needs.
- Cloud Deployment and Service models are powered by advanced technologies such as virtualization, cloud storage, networking, and security. Leading platforms like AWS, Microsoft Azure, and Google Cloud enable seamless integration and global accessibility.
- Cloud technology is transforming key sectors such as agriculture, education, and healthcare. The Faculty Development Programme (FDP) 'Unlocking Cloud Potential' aims to equip educators with critical cloud skills, supplementing theoretical concepts with hands-on sessions to foster innovation and digital transformation in academia.

OUTCOMES OF THE FDP

- To enhance practical knowledge of the participants in secure and scalable cloud technologies including cloud security, risk management, open-source innovations, integration of 5G for optimized services
- To enable the participants to implement cloud-based solutions across domains such as education, AI-driven learning, autonomous systems and dryland agriculture including real-time data collection, precision farming and sustainable resource management
- To provide the participants with hands-on experience in cloud platforms to support data-driven decision-making, while enhancing critical thinking and problem-solving skills for analyzing and addressing complex real-world challenges effectively

EMINENT SPEAKERS

Prof. S. Ramachandram

Former Vice-Chancellor,
Osmania University & Anurag University,
Hyderabad.

Mr. Kadali Srinivas

Support Escalation Engineer, Microsoft Corporation.

Dr. P. V. Sudha

Professor & Head, Department of Computer Science
and Engineering, University College of Engineering,
Osmania University.

Mr. Y. Rajasekhar

Senior Technology Manager, Oracle Health.

Dr. Nagender Kumar

Suryadevara

Professor, School of Computer and Information
Sciences, University of Hyderabad, O.U.

Mr. Hanumantha Rao N

Senior Vice President,
Digital Transformation Services.

Dr. Padmaja Karanam V

Senior Agri-Environmental Scientist, ICRISAT

EMINENT SPEAKERS

Mr. Himanshu Gupta

Director, Automation Center of Excellence,
Kyndryl

Mr. Sunil Kumar CR

Security Operations Centre (SOC) Manager
Bluecloud softech solutions limited

Dr. Rama Kondapalli

Professor of Practice,
Maulana Azad National Urdu University (CRISP)

CERTIFICATION

All the participants are required to appear for an examination at the end of the Faculty Development Programme (FDP). Eligibility for Participation Certificate (Issued by AICTE Training and Learning (ATAL) Academy):

Participants must fulfill the following criteria:

- Minimum 80% attendance in the FDP
- Minimum 60% marks in the online test
- Submission of the feedback form

TARGETED AUDIENCE

- Faculty Members
- Industrial Professionals
- Research Scholars
- PG Students

Number of Participants: 50

(Selection is based on first come, first serve basis)

*No accommodation or TA (Travel Allowance) will be provided.

*Refreshments including tea, snacks and lunch will be arranged

[Click for FDP Schedule](#)

FREE REGISTRATION

• Registration Link
<https://atalacademy.aicte.gov.in/login>



• [Download NOC Format](#)

(Mandatory)

• Registration Last Date: 12th Sept 2025

• [Participant Registration Manual](#)

• [FDP Google Form](#)



Note: It is mandatory to fill FDP Google form after Registration

CHIEF PATRON

Sri. D. Prabhakar Rao

Chairman, BVB, Sainikpuri Kendra

Patrons

Air Commodore (Retd.) J.L.N. Sastry, VSM

Vice Chairman, BVB, Sainikpuri Kendra

Group Captain (Retd.) D. Ramanaiah

Hon. Secretary BVB, Sainikpuri Kendra

Dr. G.S.V.R.K. Choudary

Principal, BVC

Advisory Committee

Prof. S. Ramachandram

Former Vice-Chancellor, Osmania University & Anurag University, Hyderabad

Prof. M. V. Ramana Murthy

Former HOD, Department of Mathematics, O.U.

Prof. K. Shyamala

Dean, Faculty of Informatics, O.U.

Dr. Kishan Naikoti

Director, Directorate of Academic Audit, O.U.

Dr. P. V. Sudha

Professor & Head, Department of CSE, UCE(A), O.U.

Dr. Prakash Chouhan

Director, Outreach Campus, NRSC.

Convener

Dr. K. V. B. Saraswathi Devi

HOD, Department of Computer Science



Coordinator

Co-Coordinator



Mrs. K. Padmapriya

Assistant Professor,
Department of
Computer Applications
Mobile Number:
9704172555

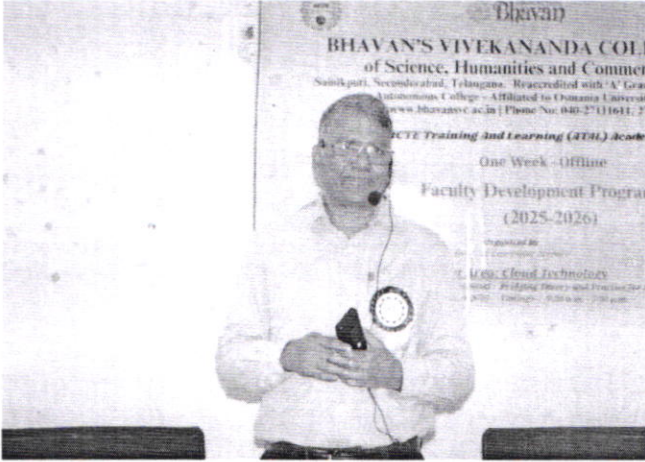


Dr. S. RAMANA

Assistant Professor,
Department of
Computer Applications
Mobile Number:
99496 93094

Organizing Committee

- Mr. K. Srinivasa Rao
- Mr. Ch.N.V.Mallikharjuna Rao
- Dr. S. Jayalaxmi
- Ms. B. Divya Rekha
- Mr. P. Srinivasa
- Ms. M. Amitha
- Ms. N. Sharon Rosy
- Ms. B. Vijetha
- Mr. Saumesh Routray
- Ms. J. Lakshmi Vydehi
- Mr. Jalaj Kumar Pandey
- Ms. V. Sreeprada
- Mr. D. Ganesh Kumar
- Mr. T. Santhosh
- Ms. Haritha Patil
- Mr. K. Ganesh
- Ms. S. Bhuvaneshwari
- Mr. Tushar Shah
- Ms. P. Manasa
- Mr. T. Vikas

ATAL FDP (15 TO 20 Sep 2025)**_Unlocking Cloud Potential - Bridging Theory and Practice for Educators****Program Highlights**

Speaker for Session 1,
Prof S Ramachandram(15/09/2025)



Session2 Resource Person, Mr Kadali Srinivas
(15/09/2025)



Speaker for Session 3, Prof P V Sudha
(16/09/2025)





Session4 Resource Person, Mr Y Rajasekhara
(16/09/2025)



Dr Nagender Kumar Suryadevara, Resource
Person for Session 5 (17/09/2025)



Hands-On session lead by Mr N Hanumantha
Rao – Session 6 (17/09/2025)

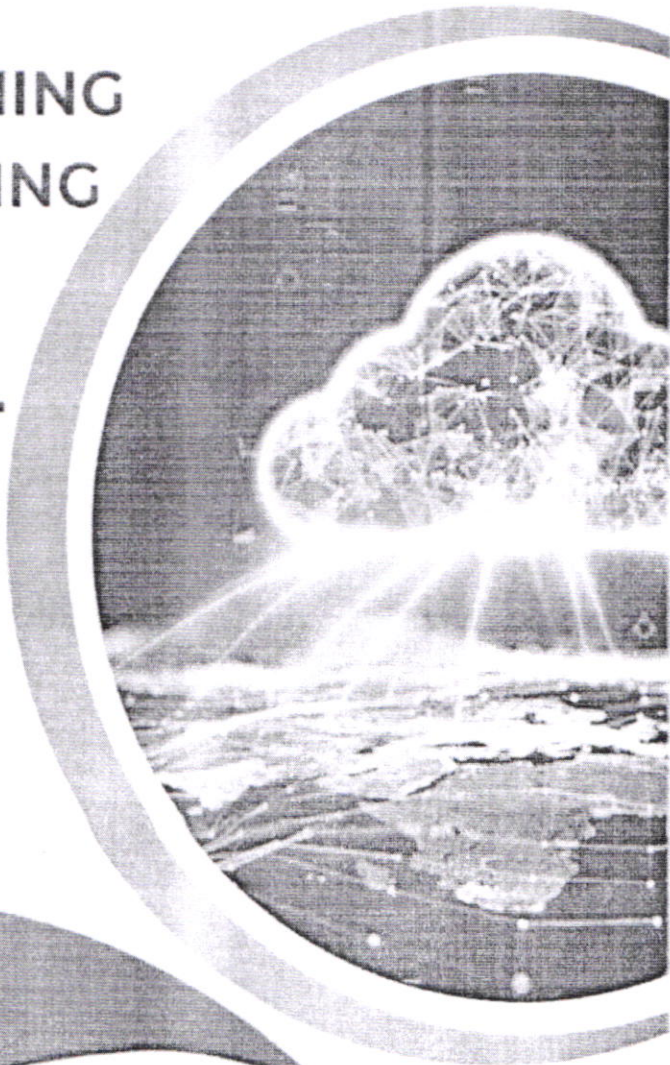



 **Bhavan**
BHAVAN'S VIVEKANANDA COLLEGE
OF SCIENCE, HUMANITIES & COMMERCE
SAIDHUPUR, SECUNDERABAD - 500094
RIACCREDITED WITH 'A' GRADE BY NAAC
AUTONOMOUS COLLEGE, AFFILIATED TO O.U.



**AICTE TRAINING
AND LEARNING
(ATAL) FDP**

**REPORT
2025-26**



BY THE HEAD OF COLLEGE
SAIDHUPUR
SECUNDERABAD
DATE: _____
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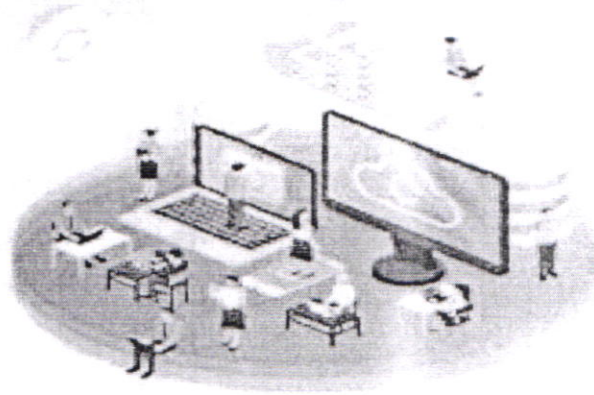
Bharatiya Vidya
Bhavan

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of Science, Humanities and Commerce

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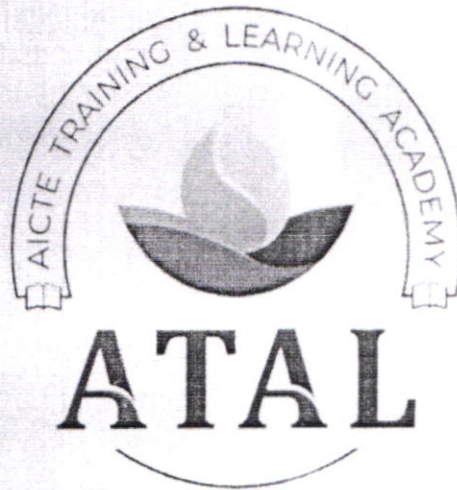
Timings : 9:30 a.m. - 5:30 p.m.



Dr. GSVRK CLOUDARY
PRINCIPAL
BHAVAN'S VIVEKANANDA COLLEGE

Padmanabha

REPORT OF
FACULTY DEVELOPMENT PROGRAMME
(FDP) 2025 – 26
ON
UNLOCKING CLOUD POTENTIAL – BRIDGING THEORY
AND PRACTICE FOR EDUCATORS
15TH – 20TH SEPTEMBER 2025
APPLICATION NUMBER – 1743153665



Organized by



Bharatiya Vidya
Bhavan

BHAVAN'S VIVEKANANDA COLLEGE
of Science, Humanities and Commerce

Sainikpuri, Secunderabad, Telangana

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Dr. GS/16 - (1) - JUDARY

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SPEAKERS OF SIX DAYS ATAL – FDP 2025 – 26

	<p>Prof. S Ramachandram Former Vice-Chancellor, Osmania University & Former Vice-Chancellor, Anurag University Topic: Security in Cloud</p>
<p>Mr. Kadali Srinivas Senior Escalation Engineer, Microsoft Corporation, Hyderabad Topic: Microsoft Azure Cloud Computing</p>	
<p>Dr. P V Sudha Professor and Head of the Department of CSE, University College of Engineering Osmania University, Hyderabad Topic: Cloud and its Role in Autonomous Vehicles</p>	
	<p>Mr. Y Rajasekhar Senior Technology Manager, Oracle Health Topic: Cloud Technology Unveiled: From Fundamentals to Real-World Practice</p>
<p>Dr. Nagender Kumar Suryadevara Professor, School of Computer and Information Sciences, University of Hyderabad Topic: 5G Network Slicing for Cloud-based Services</p>	



Padmapriya

Dr. GSVR K. GOUDARY
PRINCIPAL
P. V. RAO UNIVERSITY COLLEGE
HYDRABAD



Mr. Hanumantha Rao N
Senior Vice President ,
Digital Transformation Services
Topic: Power BI and Cloud Computing: A
Data-Driven Revolution

Dr. Padmaja Karanam V
Senior Agri-Environmental Scientist
ICRISAT
Topic: Leveraging Cloud Technologies for
Enhancing Agri-Environmental Management
in Drylands



Mr. Himanshu Gupta
Director- Automation Center of Excellence,
Kyndryl
Topic: Platform Engineering to Developer
Experience, how Cloud is redefining ways of
consumption

Mr. Sunil Kumar CR
Security Operations Centre (SOC) Manager
Blue Cloud Softech Solutions Limited
Topic : Data Storage and Protection:
Addressing Security and Privacy Risks



Dr. Rama Kondapalli
Professor of Practice Maulana Azad National
Urdu University,
Centre for Research in Schemes and Policies
(CRISP)
Topic: National Education Policy – 2020



Dr GSVRK CHAUDARY

PRINCIPAL
JANAKI NEELAKANTH COLLEGE

Padmaja



TIME TABLE FOR THE SESSIONS

Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
9:00 – 9:30 Inauguration					
9:30 – 12:00 Session 1 Prof S. Ramachandram Former Vice-Chancellor Osmania University and Anurag University. Topic : Security in Cloud	9:30 – 12:00 Session 3 Dr PV Sudha Professor and Head of the Department of CSE, University College of Engineering, Osmania University, Hyderabad. Topic : Cloud and its Role in Autonomous Vehicles	9:30 – 12:00 Session 5 Dr. Nagender Kumar Suryadevara Professor School of Computer and Information Sciences, University of Hyderabad, Hyderabad Topic: 5G Network Slicing for Cloud- Based Services	9:30 – 12:00 Session 7 Dr Padmaja Karanam Senior Scientist- Agriculture-Soils and Environmental Sciences Specialization ICRISAT Topic : Leveraging Cloud Technologies for Enhancing Agri- Environmental Management in Drylands	9:00 – 1:00 Industrial visit National Remote Sensing Centre CRF Colony, Balanagar, Hyderabad, Telangana 500037 Government of India Area of specification: Indian Space Research Organisation	9:30 – 12:00 Session 10 Dr.Rama Kondapalli Professor of Practice Maulana Azad National Urdu University, Centre for Research in Schemes and Policies (CRISP) Topic : National Education Policy- 2020
12:00 – 1:00 Article Discussion 1.Title of the Research Paper: Embracing the Synergy of Cloud Computing and Business Intelligence 2. Name of the journal: Springer Nature: Smart Systems: Engineering and Managing Information for Future Success, 2025	12:00 – 1:00 Article Discussion 1.Title of the Research Paper: Embracing the Synergy of Cloud Computing and Business Intelligence 2. Name of the journal: Springer Nature: Smart Systems: Engineering and Managing Information for Future Success, 2025	12:00 – 1:00 Article Discussion 1.Title of the Research Paper: Federated Learning for Cloud and Edge Security: A Systematic Review of Challenges and AI Opportunities 2. Name of the journal: MDPI (Multidisciplinary Digital Publishing Institute), 2025	12:00 – 1:00 Article Discussion Title of the Research Paper: Federated Learning for Cloud and Edge Security: A Systematic Review of Challenges and AI Opportunities 2. Name of the journal: MDPI (Multidisciplinary Digital Publishing Institute), 2025		12:00 – 1:00 Article Summary
1:00 – 2:00 Lunch	1:00 – 2:00 Lunch	1:00 – 2:00 Lunch	1:00 – 2:00 Lunch	1:00 – 2:00 Lunch	1:00 – 2:00 Lunch
2:00 – 4:30 Session 2* Mr Kadali Srinivas Senior Escalation Engineer Microsoft, Hyderabad Topic: Microsoft Azure Cloud Computing	2:00 – 4:30 Session 4 Mr Y Rajasekhar Senior Technology Manager Oracle Health Cloud Technology Unveiled: From Fundamentals to Real- World Practice	2:00 – 4:30 Session 6 Mr Hanumantha Rao N Senior Vice President Digital Transformation Services Topic : Power BI and Cloud Computing: A Data Driven Revolution	2:00 – 4:30 Session 8 Mr. Himanshu Gupta Director- Automation Center of Excellence Kyndry! Topic : Platform Engineering to Developer Experience, how cloud is redefining ways of consumption	2:00 – 4:30 Session 9 Mr Sunil Kumar CR Security Operations Centre (SOC) Manager Blue Cloud Softech Solutions Limited Topic: Data Storage and Protection: Addressing Security and Privacy Risks	2:00 – 4:00 MCQ & Reflection Journal
4:30 – 5:30 Hands on training/Labs	4:30 – 5:30 Hands on training/Labs	4:30 – 5:30 Hands on training Labs	4:30 – 5:30 Hands on training Labs	4:30 – 5:30 Hands on training Labs	4:00 – 5:00 Valedictory Session

*NOTE: The Resource Persons for Sessions 2 and 9 had to be changed in the last minute due to some unavoidable emergencies cited by the previous Resource Persons.



Dr. GSVRK CHODURY
PRINCIPAL

GAYAN'S UNIVERSITY COLLEGE

Padmapriya

A TOTAL OF 46 ATTENDED PARTICIPANTS OF ATAL –FDP 2025-26

Sno.	Name	Name of the Institute	Contact Nos.
1	Dr. K Sunitha	Kasturba Gandhi Degree and PG College for Women	9676056078
2	Dr. S Jayalaxmi	Bhavan's Vivekananda College	9989440261
3	Dr. T Esther Ratna	Sphoorthy Engineering College, Hyderabad	9848805656
4	Mr. Ch Nv Mallikharjuna Rao	Bhavan's Vivekananda College, Hyderabad	9347627325
5	Mr. Cherla Ganesh	Bhavan's Vivekananda College of Science, Humanities & Commerce	6300540571
6	Mr. D Ganesh Kumar	Bhavan's Vivekananda College of Science, Humanities and Commerce	8520945501
7	K Soujanya	St.Pious X Degree And Pg College For Women	9573560814
8	Mr. G Chanakya	Bhavan's Vivekananda College of Science, Humanities and Commerce	7981545501
9	Mr. Jagan Maddela	University of Hyderabad	9493331719
10	Mr. Jalaj Kumar Pandey	Bhavan's Vivekananda College of Science, Humanities and Commerce	9123444808
11	Mr. Kukkamudi Dashrath	University of Hyderabad	9912021495
12	Mr. M V Rajkumar Ravu	Vishwa Vishwani Institute of Systems and Management	9985014024
13	Mr. M Vijay	Indian Institute of Management and Commerce	8143567352
14	Mr. Ponduru Laxminarayana Akhil	Bhavan's Vivekananda College of Science, Humanities and Commerce	8019820366
15	Mr. Raskachula Sai Kumar	Bhavan's Vivekananda College of Science, Humanities and Commerce	9346104835
16	Mr. Saumesh Routray	Bhavan's Vivekananda College of Science, Humanities and Commerce	6302214534
17	Mr. Srinivasa Polampalli	Bhavan's Vivekananda College of Science, Humanities and Commerce	9700186966
18	Mrs. Anitha	Loyola Academy	8008744447
19	Mrs. B Divya Rekha	Bhavan's Vivekananda College of Science, Humanities and Commerce	9985149138
20	Mrs. B Vijetha	Bhavan's Vivekananda College of Science, Humanities and Commerce	8801537726
21	Mrs. M Krishna Santhi	Bankatlal Badruka College for Information Technology	9963100851
22	Mrs. N Sharon Rosy	Bhavan's Vivekananda College of Science, Humanities and Commerce	9052648821
23	Mrs. Orsu Sirisha	Loyola Academy Degree and PG College	9959999485
24	Mrs. Pallavi Akkineni	St. Ann's Degree College for Women, Mallapur	9052044336
25	Mrs. Pilla Bala Seshu Kumari	Loyola Academy	6301853133
26	Mrs. S. Swapna	Loyola Academy	9177603431
27	Mrs. Shirisha	Loyola Academy	9032614478
28	Mrs. Thota Shravya	RBVRR Women's College	9553140154
29	Mrs. V Sreeprada	Bhavan's Vivekananda College of Science, Humanities and Commerce	9000145083
30	Mrs. Varalaxmi Ainala	Loyola Academy	8074330711
31	Mrs. Y Hemalatha	St. Ann's Degree College for Women, Mallapur	9290121430
32	Ms A Abhisri	Kasturba Gandhi Degree and PG College for Women	7989880980
33	Ms Ch Poojitha	St. Pious X Degree and PG College for Women	7981955437
34	Ms Kelgire Jayasri	RBVRR Women's College, Hyderabad	9391639714
35	Ms Venneela Ubba	St. Pious X Degree and PG College for Women	9032568750
36	Ms A Madhumitha	Kasturba Gandhi Degree and PG College for Women	8688253597
37	Ms A Pravalika	RBVRR Women's College	9666565737
38	Ms Meghana Pabba	St. Pious X Degree and PG College for Women	6281382248



Dr. GS K. K. ...
PRINCIPAL

... COLLEGE
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...

Palampeta

39	MsN Chaitanya Priya	Kasturba Gandhi Degree and PG College for Women	8639125910
40	Ms Oruganti Nagalaxmi	RBVRR Women's College	8074575188
41	MsUmmanamoni Dhanusha	RBVRR Women's College	9440277147
42	Ms Manichandana Gopu	RBVRR Women's College	9866866501
43	Ms P Umadevi	Kasturba Gandhi Degree and PG College for Women	6303394113
44	Ms M Nandu	Kasturba Gandhi Degree and PG College for Women	7032064174
45	Ms Naredla Sukanya Reddy	Bhavan's Vivekananda College of Science, Humanities & Commerce	8897665503
46	Ms VandanaPulgam	RBVRR Women's College	8919983089

TARGETED AUDIENCE

- Faculty Members
- Industrial Professionals
- Research Scholars
- PG Students

Number of Participants: 50
(Selection is based on first come, first serve basis)
*No accommodation or TA (Travel Allowance) will be provided.
*Refreshments including tea, snacks and lunch will be arranged

[Click for FDP Schedule](#)

CHIEF PATRON

Sri. D. Prabhakar Rao
Chairman, BVB, Samikpuri Kendra

Patrons

Air Commodore (Retd.) J.L.N. Sastry, VSM
Vice Chairman, BVB, Samikpuri Kendra

Group Captain (Retd.) D. Ramanath
Hon. Secretary BVB, Samikpuri Kendra

Dr. G.S.V.R.K. Choudary
Principal, BYU

Advisory Committee

Prof. S. Ramachandram
Former Vice-Chancellor, Osmania University & Anantag Universities, Hyderabad

Prof. M. V. Ramana Murthy
Former HOD, Department of Mathematics, CUU

Prof. K. Shyamala
Deat. Faculty of Informatics, CUU

Dr. Kishan Naikoti
Director, Directorate of Academics, Anantag CUU


Dr. P. V. Sudha
Professor & Head, Department of CSE, CUU, CUU


Dr. Prakash Chouhan
Director, Outreach Campus, CUU

Convener

Dr. K. V. B. Saraswathi Devi
HOD, Department of Computer Science

Coordinator **Co-Coordinator**


 Mrs. K. Padmapriya
Assistant Professor,
Department of
Computer Applications
Mobile Number:
9704172555


 Dr. S. RAMANA
Assistant Professor,
Department of
Computer Applications
Mobile Number:
99496 93094

Organizing Committee

- Mr. K. Srinivasa Rao
- Mr. Ch.N.V. Mallikharjuna Rao
- Dr. S. Jayaraman
- Ms. B. Divya Rekha
- Mr. P. Srinivasa
- Ms. M. Anitha
- Ms. S. Sharon Rose
- Ms. B. Veetna
- Mr. Saimeshi Rishiray
- Ms. J. Lakshmi Videla
- Mr. Jaija Kumar Pandey
- Ms. A. Sreyprada
- Mr. D. Ganesh Kumar
- Mr. I. Santhosh
- Ms. Haritha Patil
- Mr. K. Ganesh
- Ms. S. Bhavaneswari
- Mr. Jashar Shah
- Ms. P. Manasa
- Mr. I. Vikas

Note: It is mandatory to fill FDP Google form after Registration

NOTE: The change of Coordinator and Co-Coordinator has been informed via email dated 09/09/2025

Padmapriya





Bhavan's Vivekananda College of Science, Humanities & Commerce, Samikpuri, Warangal District

Day 1 – Inaugural Ceremony

The Faculty Development Programme opened in a spirit of anticipation and solemnity, with the seminar hall alive with the presence of dignitaries, faculty, and participants. The atmosphere was one of reverence and excitement, as though the collective gathering itself signaled the importance of the journey ahead.

The inaugural began with the **traditional lamp-lighting ceremony**, a symbolic act that cast a warm glow across the hall. Beyond ritual, it stood as a metaphor—the illumination of knowledge, the passing of wisdom, and the promise of new learning.

The chief guest, **Air Commodore (Retd.) J.L.N. Sastry**, Vice Chairman of Bharatiya Vidya Bhavan Kendra, Sainikpuri, delivered a stirring address. Speaking with both conviction and vision, he underscored the pivotal role educators play in shaping not only the present but the technological futures of society. His words reminded participants that teaching in the age of rapid innovation requires courage, curiosity, and a willingness to adapt—qualities that the FDP was designed to nurture.

Following this, **Dr. G.S.V.R.K. Choudary**, Principal, extended a heartfelt welcome. His words of encouragement framed the program as more than a professional requirement—it was a shared endeavor toward growth, collaboration, and innovation. His tone of inspiration set the mood for the days to come, inviting participants to immerse themselves fully in the sessions and to carry forward the spirit of the programme into their teaching and research.

The inaugural thus blended tradition with forward-looking vision, marking the start of a week where knowledge, innovation, and reflection would converge.

Inaugural



DR. G.S.V.R.K. CHAUDARY
PRINCIPAL

SRINIVASAN UNIVERSITY COLLEGE

Radmanjari

Day 1 – Foundations of Cloud Security (15th September 2025)

The first session, led by Prof. S. Ramachandram, Former Vice-Chancellor of Osmania University and Anurag University, immediately delved into a critical frontier: *Security in Cloud*. His detailed explanation of data in transition, data at rest, and data in operations underscored the immense responsibility of securing digital assets. Participants listened intently as he demystified modern encryption methods and protocols.

This was followed by an Article Discussion on “*Efficient Cloud Data Center*”, a journal published on Science Direct, in the year 2024. The participants were divided into teams and were asked to discuss about the given article and present their understanding about the same.

The afternoon session with Mr. Kadali Srinivas from Microsoft unfolded the immense potential of *Microsoft Azure Cloud Computing*. Through examples drawn from education, healthcare, and enterprise, he demonstrated how cloud transforms scalability, agility, and innovation.

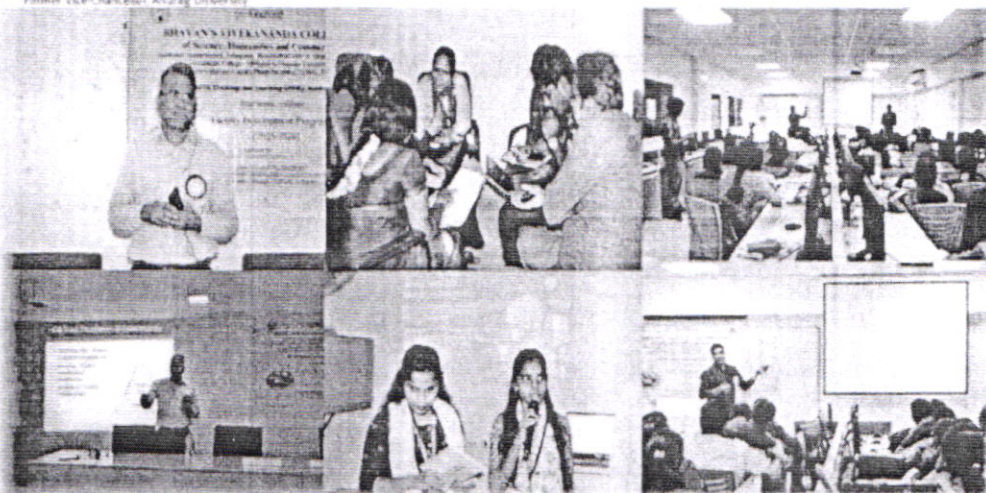
The day culminated in a **hands-on lab**, where participants experimented with cloud-hosted web pages. This practice grounded abstract discussions in tangible application, leaving attendees with the satisfaction of creating something new on the very first day.

DAY 1- 15/09/2025

Session 1: Prof. S. Ramachandram
Former Vice-Chancellor, Osmania University
Former Vice-Chancellor, Anurag University

Article Discussion

Session 2: Mr. Kadali Srinivas
Senior Education Support Engineer, Microsoft



DR. GOURK CHAUDHARY
PRINCIPAL

SRINIVAS VIVEKANANDA COLLEGE
MEDICAL DISTRICT

Padmapriya

Day 2 – Cloud and Autonomous Systems (16th September 2025)

The second day of the program began with a deep dive into *Cloud's Role in Autonomous Vehicles*, led by **Dr. P.V. Sudha**, Professor and Head of CSE at Osmania University. Through compelling case studies, she unpacked how cloud-powered, real-time decision-making underpins safety in autonomous driving—demonstrating that the cloud is not just storage but a critical nervous system for mobility.

The academic tone carried forward with a discussion anchored on the 2024 *Science Direct* article on *Efficient Cloud Data Centres*. The participants engaged in a lively exchange, dissecting approaches to workload prediction and virtual machine optimization. The paper's technical density was transformed into a collaborative exploration, drawing connections between theory and emerging practice.

After the midday break, the spotlight shifted to industry with **Mr. Y. Rajasekhar** from Oracle Health. His talk, *Cloud Technology Unveiled: From Fundamentals to Real-World Practice*, offered a pragmatic bridge—translating abstract cloud concepts into the everyday realities of sectors dependent on scalability, reliability, and seamless operations.

The day closed with an intensive hands-on session. What began as cautious experimentation on day one had evolved into confident exploration—participants now manipulating cloud-based tools with ease. Conversations grew animated, not just about “how” the tools worked but “why” they mattered, signaling a shift from passive absorption to active mastery.

DAY2- 16/09/2025

Session 3: Prof P.V. Sudha
Head and Dean, Department of Computer Science and Engineering,
University College of Engineering, Osmania University

Article Discussion

Session 4: Mr. Y. Rajasekhar
Senior Technology Manager, Oracle Health



Dr. GSVRK CHOUDARY
PRINCIPAL

OSMANIA UNIVERSITY COLLEGE OF ENGINEERING
Srinagar
MADHAVI

Rachmayya

Day 3 - The Power of Networks and Data(17th September 2025)

The third day turned the spotlight toward the intersection of **5G networks and cloud technologies**, underlining how connectivity and computation together are reshaping the digital landscape with **Dr. Nagender Kumar Suryadevara** from the University of Hyderabad, who delivered a forward-looking lecture on *5G Network Slicing for Cloud-based Services*. His talk traced how 5G's ability to partition networks into customizable "slices" makes it possible to serve diverse needs—from IoT ecosystems in smart cities to low-latency demands in edge computing. Real-world illustrations grounded the theory, showing participants how next-generation connectivity unlocks new layers of cloud capability.

Momentum carried forward with a research-centered discussion on *Federated Learning for Cloud and Edge Security*. This session shifted the room into critical, problem-solving mode as participants debated distributed intelligence and AI-driven defenses. The dialogue reflected a clear step toward research-oriented engagement—participants weren't just absorbing knowledge but wrestling with how these techniques could fortify future cloud systems.

The afternoon brought an energetic shift into applied practice with **Mr. Hanumantha Rao**, Senior VP of Digital Transformation Services. His session, *Power BI and Cloud Computing*, combined industry perspective with interactive demonstration. Using live examples, he illustrated how cloud-based analytics and data visualization streamline decision-making across sectors. Participants rolled up their sleeves and experimented directly, building dashboards in Power BI that mirrored practical industry challenges.

The day closed on a high note. As dashboards took shape, a sense of pride rippled through the room. The exercise transformed educators from passive learners into active creators of digital insight. The blend of technical mastery and creative output captured the day's essence: learning that not only informs but empowers.

DAY 3- 17/09/2025

Session 3: Dr. Nagender Kumar Suryadevara
Professor, School of Computer and Information Sciences,
Hyderabad Central University

Article Discussion

Session 4: Mr. Hanumantha Rao
Senior VP, Digital Transformation Services,
Digital Transformation Systems



DR. GSVRK CHAUDARY
PRINCIPAL

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SRINIVASA VIVEKANANDA COLLEGE
2025-26

Radmapriya

Day 4 - Agriculture, Environment, and Developer Experience (18th September 2025)

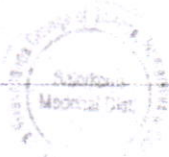
The fourth day began with **Dr. Padmaja Karanam** from ICRISAT, who delivered a thought-provoking lecture on *Leveraging Cloud Technologies for Enhancing Agri-Environmental Management in Drylands*. Her talk painted a compelling picture of how predictive modeling, AI, and cloud storage can be orchestrated to manage scarce resources and improve agricultural practices in arid regions. By linking cloud technology with the challenges of dryland farming, she underscored how innovation can serve both productivity and ecological balance.

Following this, participants engaged once again with the academic frontier through a discussion on *Federated Learning*. Building on prior sessions, the dialogue revisited its applications in cloud and edge environments—this time emphasizing the potential for secure, distributed intelligence in sensitive contexts like agriculture and environmental monitoring. The recurrence of this theme underscored its centrality to both the program and the broader research landscape.

The afternoon took on a more industry-centric flavor with **Mr. Himanshu Gupta**, Director at Kyndryl. His session, *Platform Engineering to Developer Experience*, offered a clear-eyed look at how platform engineering is transforming the software development ecosystem. With examples drawn from enterprise practice, he outlined how streamlined platforms enhance productivity, reduce friction, and create more intuitive experiences for developers. His talk left participants reflecting on how these industry shifts might ripple into academia and research.

The day concluded with a hands-on session designed to connect concept to practice. Educators were encouraged to translate what they had learned into classroom experiments and research prototypes. This practical close not only reinforced the day's ideas but also empowered participants to carry them forward into their own contexts—as both instructors and innovators.

DAY 4- 18/09/2025



Padmaja Karanam

M

Dr. GSVRK CHOUDARY
PRINCIPAL
RAVANKRISHNA ENGINEERING COLLEGE

Day 5 - Industrial Visit to NRSC (19th September 2025)

The fifth day was dedicated to an immersive visit to the **National Remote Sensing Centre (NRSC), ISRO, Hyderabad**. Here, participants stepped directly into the scale and complexity of cloud-driven national projects. They observed firsthand how satellite data—ranging from agricultural monitoring to disaster management—relies on virtualization and cloud storage for real-time processing. The sheer volume of geospatial data, measured in petabytes, and its seamless orchestration through cloud technologies left faculty both awed and inspired. For many, this visit was the highlight of the FDP: a moment where abstract concepts of scalability and storage transformed into tangible contributions to mission-critical national initiatives.

Post-lunch, the focus shifted to the pressing issue of **cloud security** with **Mr. Sunil Kumar** from Bluecloud Softtech. His session, *Cloud Security: From Principles to Practice*, broke down the essentials of safeguarding data in distributed environments. Through clear frameworks, he highlighted the importance of encryption, multi-factor authentication, access controls, and shared responsibility models. His insights gave participants not just theory but a toolkit for addressing vulnerabilities in real-world contexts.

The day concluded with a hands-on security module. Participants tested these principles in practice—implementing controls, experimenting with secure configurations, and debating trade-offs between usability and protection. The blend of industrial exposure in the morning and applied practice in the evening created a powerful arc: from seeing cloud at work in national missions to strengthening its resilience against threats.

By the close of the day, participants carried a renewed sense of both possibility and responsibility—aware of how deeply cloud technologies underpin critical systems and how essential robust security is to sustaining trust in them.

DAY 5- 19/09/2025

INDUSTRIAL VISIT
National Remote Sensing Centre
Jeedimetla



Session by Mr. Sunil Kumar
Sunil Kumar, Founder & Managing Director
Bluecloud Softtech Private Limited



Dr. G. S. CHAUDHARY

BHAVAN'S K. J. SOMAIYA COLLEGE
OF SCIENCE & TECHNOLOGY

Padmapriya

Day 6 – NEP 2020 (20th September 2025)

The final day of the FDP shifted attention from the technical to the transformative, widening the frame to education policy and its impact on future teaching and research.

The morning opened with a joint lecture by **Dr. Rama Kondapally (MANUU)** and **Dr. S.V. Satyanarayana (OU)** on the *National Education Policy 2020*. Together, they traced the arc of India's educational reforms, situating NEP within the country's larger developmental goals. Their emphasis on flexibility, interdisciplinary learning, and technology integration resonated strongly with the participants, who were urged to view themselves not only as instructors but as enablers of skill-based, innovation-driven education. The lecture acted as a bridge—connecting cloud and digital technologies with the evolving pedagogical mandates of the nation.

This was followed by research article discussions that circled back to the FDP's recurring themes. The first, *Efficient Cloud Data Centre*, highlighted strategies for optimizing energy and workload management, while the second, *Cloud Computing with Business Intelligence*, emphasized the growing synergy between computation and analytics. Together, the papers reinforced the dual goals of efficiency and integration—concepts that had been woven through the week's lectures and workshops.

The afternoon took on a more reflective tone. Through **MCQs and personal reflection journals**, participants were nudged to consolidate what they had learned and to assess their own growth. This segment underscored the program's balance between rigorous academic training and the personal journey of transformation it sought to spark.

DAY 6- 20/09/2025

Version 1.0
Dr Rama Kondapally
Professor in Practice, Maulana Azad Urdu University
Centre for Research in Schemes and Policies (CRSP)

Dr SV Satyanarayana, Kottam
Department of Commerce, OU, Hyderabad



Dr. GSVEK CHAUDARY
PRINCIPAL
SRI SRI UNIVERSITY OF SCIENCE AND TECHNOLOGY
MADHUPUR DISTRICT

Kadma

Valedictory Reflections

The valedictory session, presided over by **Principal Dr. G.S.V.R.K. Choudary** and **Head of Department Dr. K.V.B. Saraswathi Devi**, marked a dignified conclusion to the Faculty Development Programme. The formal addresses emphasized the importance of continuous professional development and the responsibility of educators in navigating rapid technological change.

The most significant part of the afternoon was the reflections shared by participants. Faculty described how initial curiosity developed into confidence, how diverse perspectives inspired new ideas, and how collaborative activities fostered connections across disciplines. Many emphasized that they leave not only with enhanced skills but also with a renewed sense of purpose as educators and researchers.

By the close of **Day Six**, the FDP had completed its arc: beginning with cloud technologies and cutting-edge research, moving through pedagogy and policy, and culminating in personal growth and collective spirit. The valedictory session thus stood as both an ending and a new beginning, embodying the programme's true impact.

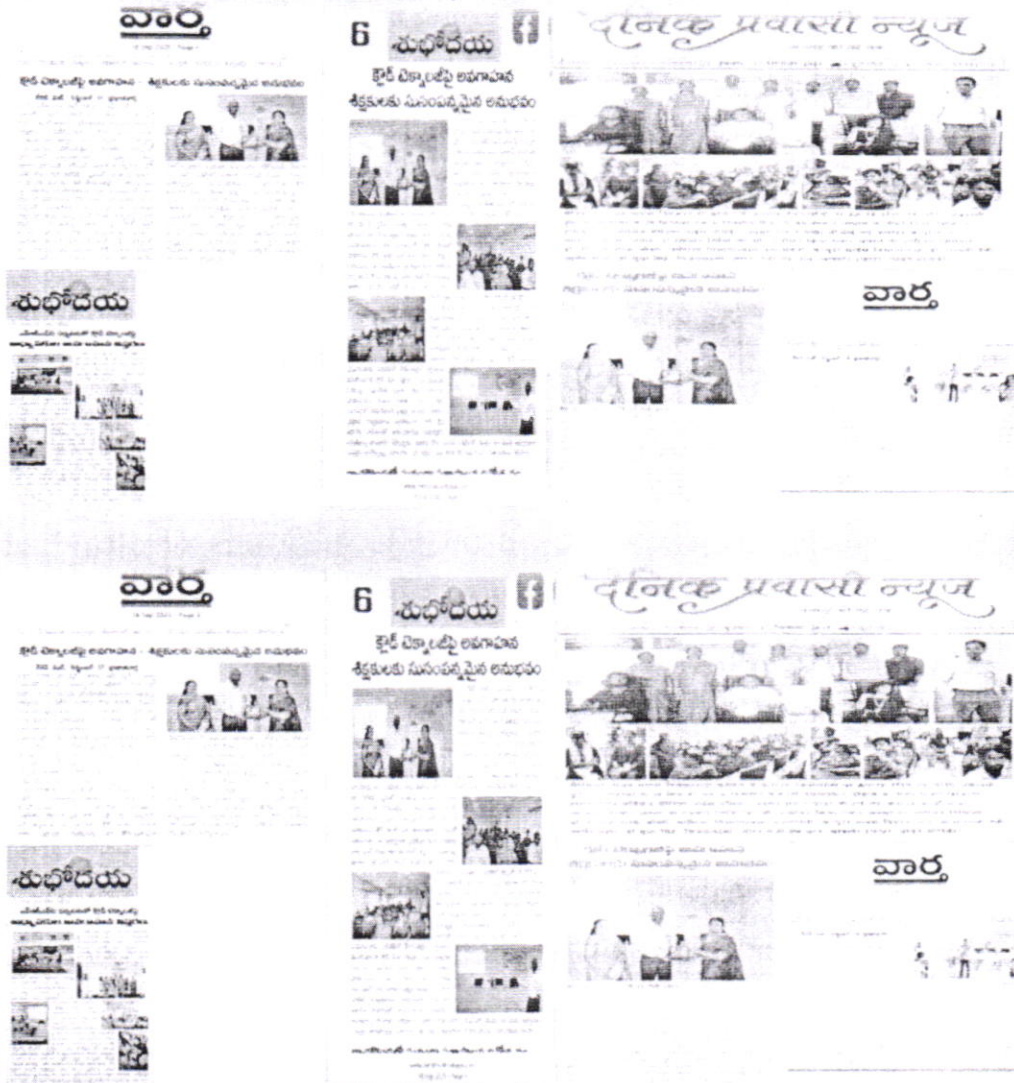
Valedictory



Dr. GSVRK CHOUDARY
PRINCIPAL
BHAVAN'S SANKRANTI COLLEGE

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NEWS PAPER CLIPPINGS

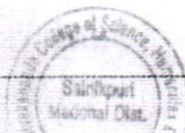


YouTube Links:

<https://www.youtube.com/playlist?list=PLReM...>

Media Links:

1. <https://youtu.be/lfgylb7EdC8?si...> VNews
2. <https://youtu.be/yNXypK0T6VE?si...> - 45 TV



Dr. GSVRK CHAUDARY
PRINCIPAL
BHAVAN K. JOSHI AHANDA COLLEGE
MEDICAL COLLEGE

Padmapriya

ACKNOWLEDGEMENT

The organizing committee of the *Faculty Development Programme (FDP) on "Unlocking Cloud Potential – Bridging Theory and Practice for Educators"* (15th – 20th September 2025) gratefully acknowledges the support and guidance received from the **AICTE Training and Learning (ATAL) Academy**, whose vision and sponsorship made this programme possible.

We extend our sincere thanks to **Air Commodore (Retd.) J.L.N. Sastry**, Vice Chairman, Bharatiya Vidya Bhavan Kendra, Sainikpuri, for gracing the inaugural session and inspiring the participants with his vision for educators in a rapidly changing technological landscape.

Our heartfelt gratitude goes to the eminent speakers—**Prof. S. Ramachandram, Mr. Kadali Srinivas, Dr. P.V. Sudha, Mr. Y. Rajasekhar, Dr. Nagender Kumar Suryadevara, Mr. Hanumantha Rao, Dr. Padmaja Karanam, Mr. Himanshu Gupta, Mr. Sunil Kumar, and Dr. Rama Kondapally**—for sharing their expertise and enriching the programme with insights spanning cloud technologies, 5G networks, data security, business intelligence, and education policy.

We are deeply thankful to **Principal Dr. G.S.V.R.K. Choudary** and **Head of Department Dr. K.V.B. Saraswathi Devi** for their constant encouragement, leadership, and for presiding over the valedictory session. Their vision and commitment were instrumental in the success of this FDP. We also recognize the contributions of the faculty coordinators, organizing team, and support staff whose dedication ensured the smooth conduct of the sessions, hands-on training, and industrial visit.

Finally, we place on record our appreciation for the **46 participants** from diverse institutions who actively engaged in discussions, practical sessions, and reflective exercises. Their enthusiasm and commitment transformed this FDP into a vibrant exchange of knowledge, ideas, and collaboration.

COORDINATOR



Mrs. K. PADMAPRIYA
Asst. Professor
Department of Computer Science

CO - COORDINATOR



Dr. S. Ramana
COE & Asst. Professor
Department of Computer Science



Dr. G.S.V.R.K. CHODARY

PRINCIPAL

BHAVAN VIVEKANANDA COLLEGE
SAINIKPURI, MEDICAL DISTRICT

Padmapriya



BHAVAN'S VIVEKANANDA COLLEGE of Science, Humanities & Commerce

Sainikpuri, Secunderabad-500094
Autonomous College, Affiliated to O.U.
Reaccredited with 'A' grade by NAAC

DEPARTMENT OF COMPUTER SCIENCE

Report on ATAL FDP 2025-2026 (Offline)

FDP on Cloud Technology

Topic: Unlocking Cloud Potential – Bridging Theory and Practice for Educators

15th September, 2025 – 20th September, 2025

The Department of Computer Science inaugurated a One-Week **AICTE sponsored AICTE Training And Learning(ATAL) Faculty Development Programme (FDP)** in offline mode on **15th September 2025**, which will continue until **20th September 2025**. The programme commenced at 9:00 AM with a formal inaugural session that included the lighting of the lamp by **Air Cmdre (Retd.) J.L.N. Sastry**, Vice Chairman, BVB Kendra, Sainikpuri, along with **Dr. G.S.V.R.K. Choudary**, Principal Bhavan's Vivekananda College of Science, Humanities and Commerce, Chief Guest and Speaker of Session I, **Prof. S. Ramachandram**, Former Vice-Chancellor of Osmania University and Anurag University, **Dr. KVB Saraswathi**, Head, Department of Computer Science and the HoD's of various Departments. The event began with Bhavan's prayer, followed by greetings from the Vice Chairman, the Principal, and the Chief Guest. They focussed on the changing technology and how we as Faculty and Research Scholars should adapt ourselves to this rapidly changing technology and the role to be played by Faculty not just as teachers but also as mentors and guides.

We had Prof. S Ramachandram, Former Vice Chancellor of Osmania University and Anurag University gracing the inaugural. Followed by session 2 where we had **Mr Kadali Srinivas from Senior Escalation Support Engineer from Microsoft**. For session 3 we had **Dr PV Sudha, Head and Dean Department of Computer Science and Engineering, University College of Engineering**. Session 4 was led by **Mr Y Rajasekhar from Oracle Health**. Session 5 was conducted by **Dr. Nagender Kumar Suryadevara, Professor, School of Informatics, Hyderabad Central University**, followed by **Mr N Hanumantha Rao, Senior Vice President, Digital Transformation Services** who took over the session 6. Day 4 and session 7 was taken by **Dr Padmaja Karanam, Scientist from ICRISAT** and for session 8, we had **Mr Himanshu Gupta, Director, Kyndryl, IBM India**.

Day 5 was an enriching day where all the participants were taken for an Industrial Visit to **National Remote Sensing Centre (NRSC), Balanagar, Hyderabad**, exploring how satellite data is collected and sensed. For session 9 now, we had Mr Sunil Kumar CR, Security Operations Manager, with Bluecloud Softech Solutions Limited.

Day 6 and session 10 was headed by **Dr. Rama Kondapally, Professor of Practice Maulana Azad National Urdu University and Centre of Research in Schemes and Policies (CRISP)** and **Dr. S. V. Satyanarayana, a Retired Professor of Commerce, Osmania University** delivering a lecture on **National Education Policy-2020**. The speakers highlighted the journey of the education system, tracing its evolution from traditional times to the modern era. They explained how certain structures have remained constant while others have undergone a complete 360 degree transformation. Emphasis

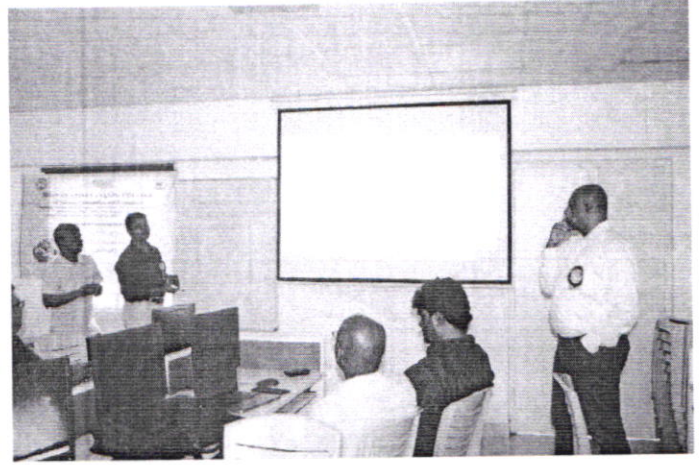
was placed on the importance of teachers adapting themselves to present-day requirements, reshaping their teaching methods and perspectives to align with the vision of NEP 2020. The session concluded with valuable insights on how educators can continuously equip themselves to meet the changing needs of the education sector.

The day concluded with **Valedictory Session**, which marked the formal conclusion of the programme led by **Dr. G.S.V.R.K. Choudary, Principal, Bhavan's Vivekananda College and Dr. K.V.B. Saraswathi Devi, Head, Department of Computer Science**. Dr. Choudary congratulated the participants for successfully completing the program and appreciated the efforts and enthusiasm shown by them during the program. The detailed report of the program was presented by Mrs. K Padmapriya, Coordinator, ATAL FDP. Some participants also shared their feedback, experiences and takeaways from the program and appreciated the conduct of the FDP. This marked the conclusion of the program.





Dr Padmaja Karanam during Session-7
(18/09/2025)



Mr Himanshu Gupta in Session 8 engaging the participants in an interactive session
(20/09/2025)



Participants attending a demonstration at NRSC Outreach Facility (19/09/2025)



Participants during an activity in Session 9 by Mr CR Sunil Kumar(19/09/2025)



Prof Rama Kondapalli during Session 10
(20/09/2025)



Participants after a fruitful Week-long FDP
(20/09/2025)

THANK YOU

S. Ramachandram (b. 1959), former Vice Chancellor of Osmania University (2016–2019), served the university for over three decades in various academic and leadership roles including Principal of University College of Engineering. A researcher in Applied Cryptography, Mobile, Grid, and Cloud Computing, he has published about 110 papers, authored books, guided 26 Ph.D. scholars, and executed major R&D projects. He pioneered several automation systems at OU and established a state-of-the-art Data Centre. Under his leadership, OU achieved NAAC A+ Grade, UGC Category-1 status, and a ₹100 cr RUSA grant. Recipient of the Best Teacher Award (2013) and Eminent Engineering Teacher Award (2017), he is a Fellow of IETE and Telangana Academy of Sciences, and a member of IEEE, ACM, and CSI.





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Sainikpuri, Secunderabad- 500094**

DEPARTMENT OF COMPUTER SCIENCE

REPORT ON OUTREACH PROGRAM

CYBERSECURITY SECURITY AWARENESS

Date: 25 August,2025

Time: 1:00PM – 2:00PM

Venue: Zilla Parishad High School, Yapral, Secunderabad.



The Fusion Tech Club under the Department of Computer Science, in collaboration with NSS and YRC, organized an outreach program on Cybersecurity Awareness for 9th and 10th class students. The session highlighted major cybercrimes such as **identity theft, phishing, cyberbullying, hacking, and online fraud**. A live skit was presented to demonstrate the risks of unsafe online behavior, making the session more engaging. Students were advised **not to share passwords, OTPs, or bank details**, to avoid unknown links, and to use **strong passwords with two-factor authentication**. They were also reminded to keep social media accounts private and think before posting. Awareness was given on reporting methods

through the **National Cyber Crime Reporting Portal** (<https://cybercrime.gov.in>), the **1930 helpline for online fraud**, and **112 for emergencies**. The program concluded by stressing that **online safety is as important as real-life safety**. With the active participation of **101 students**, the event was both impactful and successful.



At the beginning of the session, students were given an introduction on **what cybercrime is**, the **objectives of the program**, and the **various types of crimes** that can occur, including **identity theft, online fraud, phishing, hacking, and cyberbullying**.

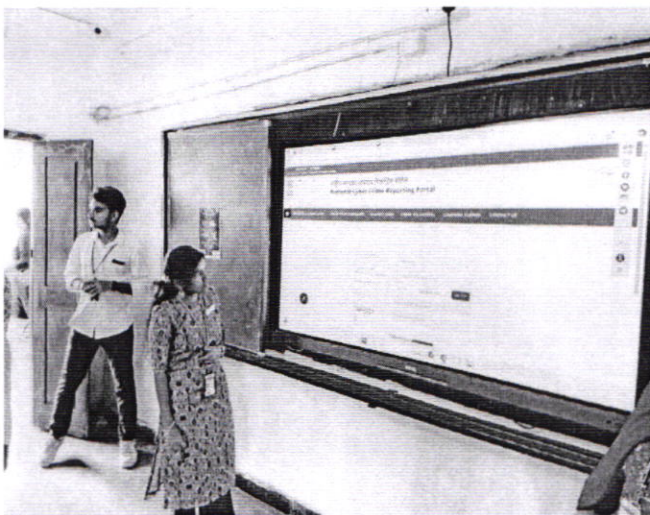
Understanding Cybercrime – The First Step to Online Safety



94

To give students a clearer picture of how cybercrimes actually happen, **Fusion Tech members performed two skits** demonstrating real-life scenarios. The acts showed how easily such crimes can take place, helping students understand the risks better. The focus was mainly on platforms like **Instagram, Facebook, WhatsApp, and Twitter**, with an emphasis on **not keeping personal data public, avoiding unnecessary friend requests, and not engaging in conversations with strangers**.

Privacy is Power – Keep Your Data Safe



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After the session, students shared their **feedback on the awareness program**, expressing that the activities and demonstrations made it easier for them to understand the importance of online safety and how to protect themselves from cybercrime.

Voices of Awareness – Students Speak



The impact of the Cybersecurity Awareness Program extended beyond the school premises, as the event was also **covered in local newspapers**. The publication highlighted the efforts of the **Fusion Tech Club**, along with **NSS and YRC**, in spreading awareness about safe internet practices among school students. This recognition not only showcased the success of the initiative but also emphasized the importance of conducting such outreach programs to create a more informed and cyber-safe society.

సైబర్ నేరాలపై అప్రమత్తం - భవిష్యత్ తరాలకు జాగ్రత్త సూచనలు



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26 Aug 2025 Page 4

సైబర్ భద్రతపై అవగాహన కార్యక్రమం

సేదే మెట్, ఆగస్టు 25, ప్రాంతం.
 పెడనలోని పరిపాలనా విభాగం పెడనలోని సైబర్ నేరాల ముప్పు మించిన తీవ్రతను అవగాహన పెట్టడానికి నిర్వహించిన సాధారణ సైబర్ సురక్షిత్య కార్యక్రమంలో విద్యార్థులకు అవగాహన పెట్టడానికి విద్యార్థులు కార్యక్రమం ప్రారంభించి, ఎవరినైనా నష్టం చేసే ప్రయత్నం చేసినా సరే దీని విషయంలో నిర్లక్ష్యం చేయకూడదని అభిప్రాయం వ్యక్తం చేశారు. సైబర్ నేరాలపై అవగాహన పెట్టడానికి విద్యార్థులకు అవగాహన పెట్టడానికి విద్యార్థులు కార్యక్రమం ప్రారంభించి, ఎవరినైనా నష్టం చేసే ప్రయత్నం చేసినా సరే దీని విషయంలో నిర్లక్ష్యం చేయకూడదని అభిప్రాయం వ్యక్తం చేశారు. సైబర్ నేరాలపై అవగాహన పెట్టడానికి విద్యార్థులు కార్యక్రమం ప్రారంభించి, ఎవరినైనా నష్టం చేసే ప్రయత్నం చేసినా సరే దీని విషయంలో నిర్లక్ష్యం చేయకూడదని అభిప్రాయం వ్యక్తం చేశారు.



పెడనలోని పరిపాలనా విభాగం పెడనలోని సైబర్ నేరాల ముప్పు మించిన తీవ్రతను అవగాహన పెట్టడానికి నిర్వహించిన సాధారణ సైబర్ సురక్షిత్య కార్యక్రమంలో విద్యార్థులకు అవగాహన పెట్టడానికి విద్యార్థులు కార్యక్రమం ప్రారంభించి, ఎవరినైనా నష్టం చేసే ప్రయత్నం చేసినా సరే దీని విషయంలో నిర్లక్ష్యం చేయకూడదని అభిప్రాయం వ్యక్తం చేశారు. సైబర్ నేరాలపై అవగాహన పెట్టడానికి విద్యార్థులకు అవగాహన పెట్టడానికి విద్యార్థులు కార్యక్రమం ప్రారంభించి, ఎవరినైనా నష్టం చేసే ప్రయత్నం చేసినా సరే దీని విషయంలో నిర్లక్ష్యం చేయకూడదని అభిప్రాయం వ్యక్తం చేశారు.

సైబర్ మోసాలపై అప్రమత్తత అవసరం

నరేడమిట్, స్యూనిటడే: సైబర్ మోసాలపై అప్రమత్తంగా ఉండాలని నిపుణులు విద్యార్థులకు సూచించారు. సోషల్ మీడియా ప్లాట్ఫామ్లలో కనెక్ట్ అవుతుంటే సైబర్ విభాగం అధ్యక్షులతో ఎన్ఎస్ఎస్, వైట్లీ సహకారంతో యాస్ట్రోల ఉన్నత ప్రభుత్వ పాఠశాల విద్యార్థులకు సైబర్ సెక్యూరిటీపై అవగాహన కార్యక్రమం నిర్వహించారు. ఇంటర్నెట్లో ఫిషింగ్, హ్యాకింగ్ తదితర ముప్పులు ఉన్నాయని, అవరిచిత లింకులపై క్లిక్ చేయొద్దని వివరించారు. బ్యాంక్ ఓటీపీలు, పాస్వర్డ్లను ఎవరితో పంచుకోవద్దని విద్యార్థులకు సూచించారు. సామాజిక మాధ్యమాల్లో



అవగాహన కార్యక్రమంలో విద్యార్థులు

వ్యక్తిగత వివరాలు పోస్ట్ చేయొద్దని హితవు పలికారు. సైబర్ మోసాల భారీ పడితే వెంటనే 1930, 112 హెల్ప్లైన్ నంబర్లను సంప్రదించాలని కోరారు.

Date : 26/08/2025 EditionName : TELANGANA(SECUNDERABAD) PageNo : 03

The Cybersecurity Awareness Program successfully equipped students with essential online safety practices, encouraged responsible digital behavior, and marked a significant step toward building a more cyber-aware community.



YOUTUBE LINK:

<https://youtube.com/shorts/KyrhyDunpFw?feature=share>

Fusion Tech Volunteers

Volunteers	Class & Section
Likhitha	BCA-3A
Ram	BCA-3B
Cara	BCA-3A
Shravani	BCA-3A
Lahiri	BCA-3B
Akshat	BCA-3A
Faaziyah	BCA-3A
Madhumitha	BCA-3B
Vineel	BCA-3B
Saathvika	BCA-3A
Sanvith	BCA-3B
Rishi	BCA-3B
Hemanth	BCA-3A







**Bhavan's Vivekananda College
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DEPARTMENT OF COMPUTER SCIENCE

REPORT ON SELF GOVERNING DAY

Date: 8 September,2025

Time: 9:30 pm - 4:30 pm

Venue: Library Block



The **Fusion Tech Club**, under the Department of Computer Science, conducted **Self-Governing Day** on **8th September 2025** from 9:30 am onwards for the BCA students. On this occasion, the 3rd-year students took charge of the classrooms and taught their juniors, stepping into the roles of their mentors. Wearing the attire of their teachers, they delivered lessons with confidence, making the sessions engaging and lively. The purpose of the event was to encourage students to refine their professional presentation skills, gain self-confidence, and prepare themselves for future goals. The day proved to be both enjoyable and insightful, giving the final-year students a rare opportunity to experience the responsibilities and challenges of teaching.

G. Mohan

Soon after, Fusion Tech celebrated Teachers' Day to honour the faculty members of the department. The event was cheerful and filled with heartfelt appreciation. Teachers expressed their delight as they received thoughtful gifts from the students, which added a warm and joyful touch to the celebration.

Together, both programs highlighted the talent, respect, and enthusiasm of the students, leaving a meaningful impact on the department.

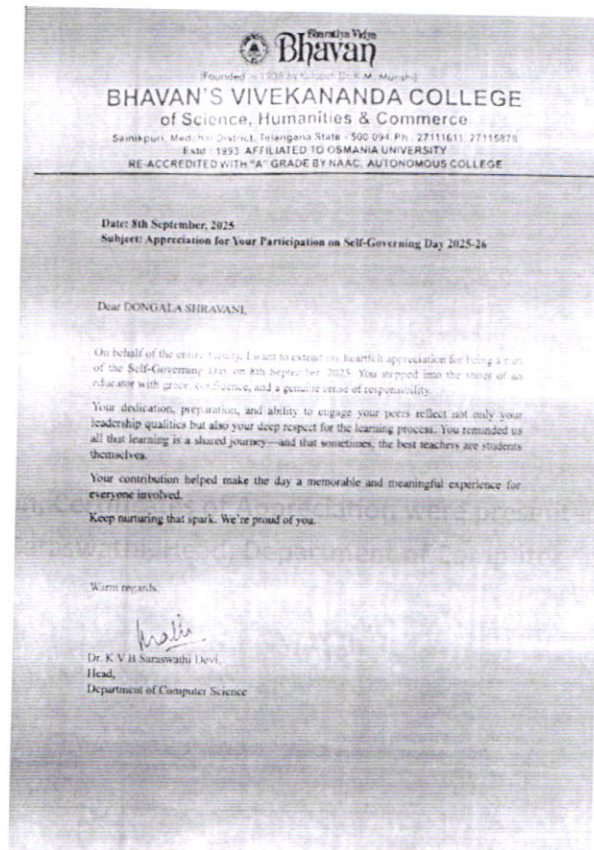


Students who took on the role of mentors

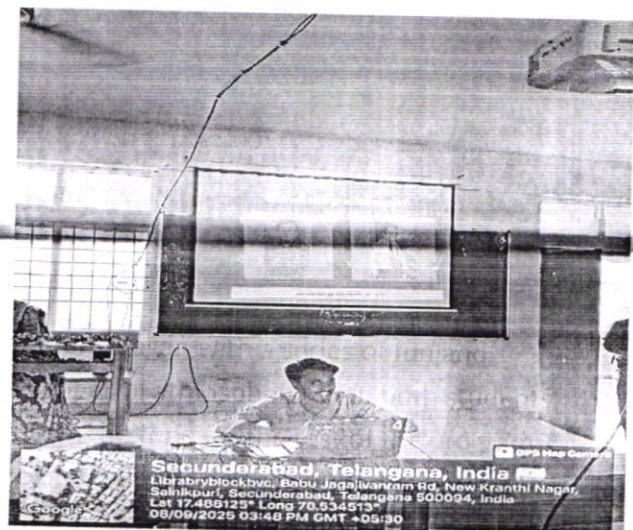
Name of the Student	Subject	Topic Taught
Cara Ravikanth	Programming In C	Sorting and Searching techniques
Paida Srivishnu	Programming In C	Functions
Saathvika Ganta	Introduction to Web Technologies	Responsive web design
Nikhil Agarwal	Introduction to Web Technologies	Responsive web design
Vasishtha	IT	Network Configuration
Manikanta	IT	Network Configuration
Shravani D	Operating Systems	File allocation Methods
Khushi Patel	Operating Systems	Input output systems
Rishi Shankar	Database Design	RAID Concept
Saieesh Ram	Database Design	RAID Concept
Deva Vrata	Java Programming	Generics in Java
Harsh Suthar	Java Programming	Generics in Java
Priyanshi	Programming in ASP.NET	Validation controls in Asp.net
Aishwarya	Programming in ASP.NET	Master page creations & Validation controls
Jyothi Urade	Unix Programming	IPC using Pipes & FIFO
Siddharth	Unix Programming	Shared memory
Faaziyah Nargis	Software Quality Testing	Levels and types of Testing
Likhitha	Software Quality Testing	Types of Testing
Vineel	OOSD	Event and signals, state machine
Madhumitha	OOSD	Use Case Diagrams

G. M.

As a token of recognition, Certificates of Appreciation were presented to all the student mentors by Dr. K. V. B. Saraswathi, Head, Department of Computer Science.



From 2:30 pm onwards, the Teachers' Day celebrations began with a series of fun and engaging games. The activities created a lively and cheerful atmosphere, with both students and teachers actively participating. The joyful start set the tone for the rest of the program, making the celebration even more special and memorable. The day concluded on a joyful and memorable note, leaving behind moments of learning, gratitude, and celebration.



G. N. B.



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Department of Computer Science

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Resource Person

V PAVAN

Senior Corporate Trainer | Full Stack Developer | AI & Cloud Specialist

Professional Summary

- Working with Brainovision Solutions India Pvt Ltd from 4th Feb 2021
- 10+ years of training experience
- Given training in Corporates, Universities, & Government organizations



Duration
18th Aug, 25 - 23rd Aug, 25



Time
10:00 AM to 4:30 PM



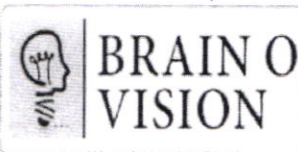
Venue
Library Block

Exclusively for M.Sc Computer Science Students

Faculty Coordinators:

1. Dr. KVB Saraswati, Head, Department of Computer Science
2. Mr. K.Srinivas Rao, Course Coordinator, M.Sc. Computer Science
3. Mrs. Padma Priya, Faculty, Department of Computer Science
4. Dr.S.Ramana, Asst. Professor & COE

certificates will be provided



Signature

Signature

Report on 6-Day Training Program on “AWS with DevOps”

Organized by

**Department of Computer Science,
Bhavan’s Vivekananda College of Science, Humanities & Commerce,
Sainikpuri, Secunderabad – 500094 (Autonomous, Affiliated to Osmania University)
Reaccredited with ‘A’ Grade by NAAC**

Introduction

The Department of Computer Science organized a **six-day intensive training program on “AWS with DevOps”**, in collaboration with NASSCOM and **Brain O Vision Solutions India Pvt. Ltd.**, from **18th August 2025 to 23rd August 2025**. The sessions were conducted in the **Library Block from 10:00 AM to 4:30 PM**.

The training aimed to provide postgraduate students with **hands-on exposure to Amazon Web Services (AWS) and DevOps tools**—two of the most in-demand skill sets in the IT industry. This workshop bridged theoretical knowledge with real-world implementation practices in cloud-based application deployment, infrastructure automation, and continuous integration and deployment (CI/CD).

The sessions were facilitated by **Mr. V. Pavan**, a Senior Corporate Trainer, Full Stack Developer, and AI & Cloud Specialist from **Brain O Vision**, an organization recognized by NASSCOM for industry-driven technical training.

Objectives of the Workshop

The training was designed with the following objectives:

1. To familiarize students with the fundamentals of cloud computing and AWS architecture.
2. To develop an understanding of virtualization, elasticity, and scalability in cloud environments.
3. To enable students to launch, manage, and secure cloud instances using AWS services.
4. To introduce DevOps practices, focusing on automation, collaboration, and integration of development and operations.
5. To provide practical exposure to continuous integration and continuous deployment pipelines using AWS developer tools.
6. To teach Infrastructure as Code (IaC), monitoring, and serverless computing concepts for real-world applications.
7. To prepare students for AWS certification paths and industry roles such as Cloud Engineer, DevOps Engineer, or Cloud Architect.



Resource Person

Mr. V. Pavan

Senior Corporate Trainer | Full Stack Developer | AI & Cloud Specialist

Brain O Vision Solutions India Pvt. Ltd.

Mr. Pavan has over a decade of industry and training experience, having worked with top corporates, universities, and government institutions. His expertise spans **AI, Cloud Infrastructure, DevOps automation, and full-stack development**. His sessions combined conceptual clarity with live demonstrations on the AWS Management Console, ensuring students could visualize and apply each concept effectively.

Faculty Coordination

S.No.	Name of the Faculty	Designation
1	Dr. K.V.B. Saraswathi	Head, Dept. of Computer Science
2	Mr. K. Srinivas Rao	Course Coordinator, M.Sc. Computer Science
3	Mrs. Padma Priya	Faculty, Dept. of Computer Science
4	Dr. S. Ramana	Assistant Professor & COE

Duration and Schedule

Date	Time	Venue	Total Duration
18th Aug – 23rd Aug 2025	10:00 AM – 4:30 PM	Library Block	6 Days (36 Hours)

The program was conducted exclusively for **M.Sc. Computer Science** students, ensuring an advanced technical learning environment.

Day 1: Introduction to AWS and Cloud Computing

- Introduction to **Cloud Computing** concepts: IaaS, PaaS, SaaS models.
- Understanding **AWS global infrastructure** – regions, availability zones, and edge locations.
- Setting up an **AWS account** and exploring the **AWS Management Console**.
- Introduction to **Identity and Access Management (IAM)** – users, groups, roles, and permissions.
- Hands-on session on creating and managing IAM users, applying least privilege policies.

Key Takeaway:

Participants gained a conceptual and practical understanding of the AWS cloud ecosystem, including how resources are geographically distributed and secured.



Day 2: Compute and Storage Services

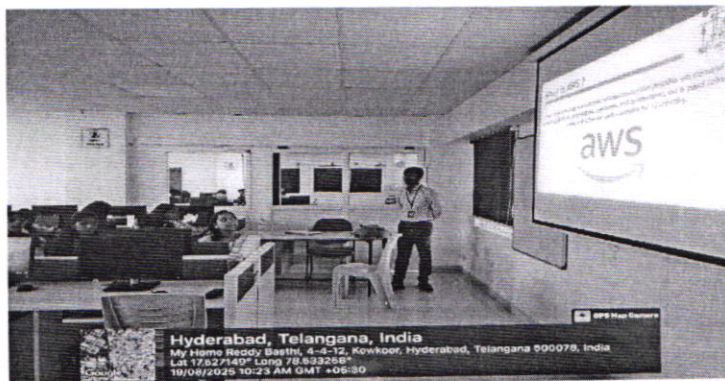
- Overview of **Amazon EC2** (Elastic Compute Cloud).
- Launching and configuring **EC2 instances** using various AMIs (Amazon Machine Images).
- Understanding **instance types, pricing models, and security group configurations**.
- **Amazon S3 (Simple Storage Service)**: Creating buckets, setting permissions, and managing lifecycle policies.
- **Amazon EBS (Elastic Block Store)**: Attaching and managing block storage volumes and snapshots.

Hands-on Activities:

Launching virtual servers, configuring security keys, setting up S3 buckets, and snapshot backup operations.

Key Takeaway:

Students learned how to manage compute and storage components critical for cloud-hosted applications.



apriya

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Day 3: Networking and Database Services

- **Amazon VPC (Virtual Private Cloud):** Subnets, route tables, NAT gateways, and internet gateways.
- Configuring **Elastic Load Balancing (ELB)** and **Auto Scaling** for traffic management.
- Overview and setup of **Amazon RDS (Relational Database Service)** – creating and connecting database instances.
- Introduction to **Amazon DynamoDB** – NoSQL databases for high scalability.
- Implementing security groups and network access control lists (ACLs).

Key Takeaway:

Participants learned to design secure cloud network topologies and deploy scalable database services within VPC environments.



Day 4: DevOps and CI/CD Concepts

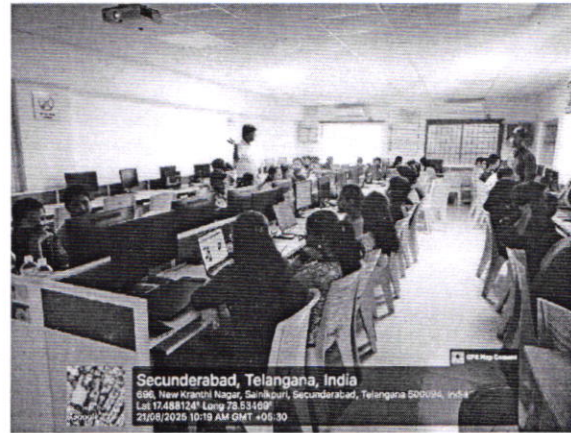
- Overview of **DevOps culture** – collaboration, automation, and measurement.
- Understanding **Continuous Integration (CI)** and **Continuous Deployment (CD)** lifecycles.
- Hands-on setup of a CI/CD pipeline using **AWS CodePipeline**.
- Source control integration with **AWS CodeCommit**.
- Building and deploying applications using **AWS CodeBuild** and **AWS CodeDeploy**.
- Introduction to **Infrastructure as Code (IaC)** using **AWS CloudFormation** templates.

OpBjw

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Key Takeaway:

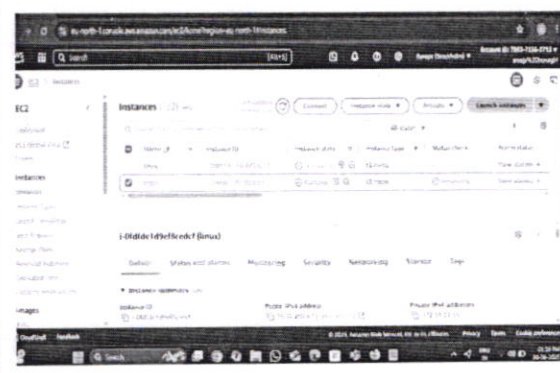
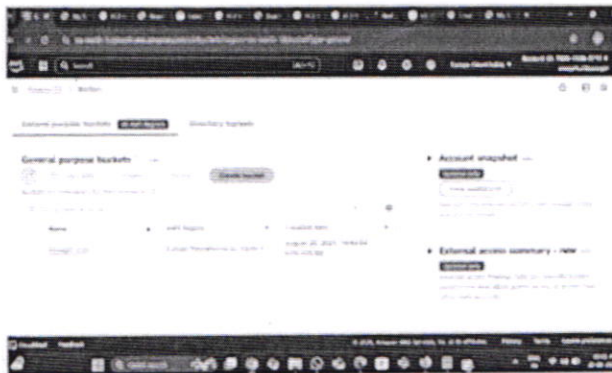
Students implemented a complete automated software delivery pipeline and learned the significance of repeatable, version-controlled infrastructure.

**Day 5: Monitoring and Logging**

- Introduction to **AWS CloudWatch** for metric collection and alert configuration.
- Creating **CloudWatch dashboards** for visualization of resource performance.
- **AWS CloudTrail**: Tracking API calls for auditing and compliance.
- Implementing centralized log analysis using **Amazon Elasticsearch Service** and **Kibana**.
- Configuring **AWS Config** for change tracking and compliance management.

Key Takeaway:

Participants developed the ability to monitor, audit, and troubleshoot AWS environments, ensuring reliability and operational transparency.

**Day 6: Automation and Serverless Architecture**

- Introduction to **AWS Lambda** and the concept of serverless computing.

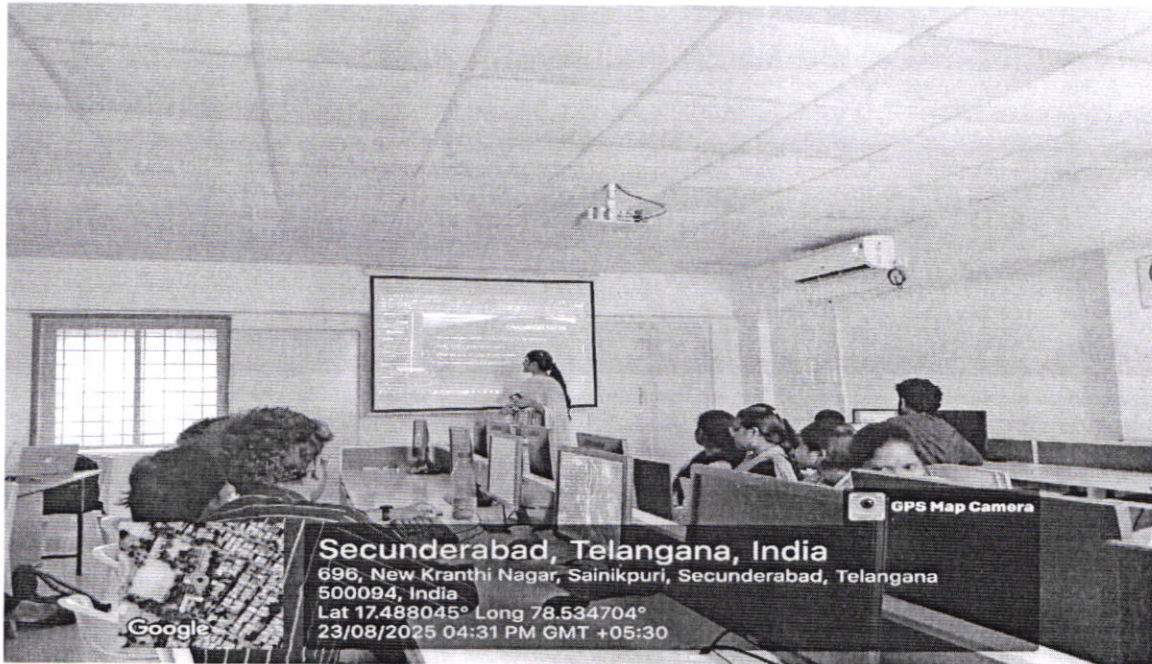
apnisa

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- Creating and deploying **Lambda functions** using Node.js and Python runtimes.
- Integrating Lambda with **S3, DynamoDB, and API Gateway**.
- Designing **RESTful APIs** with **AWS API Gateway**.
- Using **AWS Step Functions** for workflow orchestration.
- Automating tasks with **AWS CLI** and **SDKs** for Python (Boto3).

Key Takeaway:

Students gained hands-on experience in designing event-driven, serverless solutions that minimize infrastructure management.



Methodology and Tools Used

- **Instructional Method:** Interactive lectures, live demonstrations, and guided lab sessions.
- **Tools and Platforms:** AWS Management Console, AWS CLI, CloudFormation, CodePipeline, CloudWatch, and Lambda.
- **Assessment:** Daily hands-on exercises, mini-projects, and concept reviews.
- **Pedagogical Approach:** Learn-by-doing model emphasizing real-world case studies and troubleshooting scenarios.

Student Participation and Engagement

The workshop saw enthusiastic participation from **M.Sc. Computer Science students**, who were divided into smaller groups for practical activities. Students worked collaboratively to:

- Deploy cloud applications using EC2 and S3.

Apriya

[Signature]

- Automate build and deployment pipelines.
- Create dashboards for real-time monitoring.
- Develop Lambda functions for serverless automation.

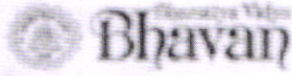
Several students showcased mini-projects by the final day, integrating **DevOps workflows with AWS cloud environments**, demonstrating clear skill development.

Outcomes and Impact

By the end of the program, participants achieved:

1. A solid understanding of **AWS Cloud architecture** and **DevOps methodologies**.
2. Proficiency in using key AWS services (EC2, S3, RDS, CloudFormation, Lambda).
3. Hands-on experience in **building CI/CD pipelines** and **automating deployments**.
4. Ability to monitor, audit, and optimize cloud applications effectively.
5. Enhanced employability and readiness for **AWS and DevOps-related job roles**.
6. Certification from **Brain O Vision**, recognized by **NASSCOM**, validating their technical competence.





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**DEPARTMENT OF COMPUTER SCIENCE
PRESENTS**

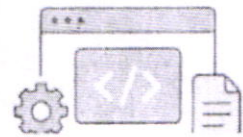
KNOWLEDGE SHARING PROGRAM GYAN SAMPARTHI DHAAN

Dates: 26th November 2025 to 6th December 2025

Time: 8.30 a.m. to 9.30 a.m.

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Faculty Incharges

Dr.S.Jayalaxmi
Mr. Saumesh Routray
Mr. D. Ganesh Kumar
Mr. T. Vikas

Qusa

Naish

10 Day Prompt Engineering Course Plan (1 Hour Daily) - N21 A LAB

Teaching students : Cara Ravikanth, Faaziyah Nargis, Ganta Saathvika, Jyothi Urade and Likhitha Reddy

Course Duration : 26 November 2025 - 06 December 2025

Day 1 : Introduction to Prompt Engineering & JSON Basics

Teaching:

- What is prompt engineering and why is it important?
- Anatomy of a prompt: instruction, context, constraints, output format.
- What is JSON? Simple, beginner friendly explanation with relatable examples.
- Why JSON is crucial for prompt engineering (structured output, validation, integration).
- Sample JSON structures aligned with prompt outputs (flashcards, lists).

Practical:

- Write and test simple zero shot prompts with JSON output requests.

Summary:

Day 1 builds a foundation by explaining prompt engineering, emphasizing the TCREI framework and structured thinking. Learners practice writing prompts and use JSON for data clarity and prompt validation, setting the stage for advanced prompt design.

Day 2 : Persona and Output Format Mastery

Teaching:

- Definition and role of Persona in shaping AI responses.
- Impact of Persona on output quality with examples.
- The difference between format and persona.
- 12+ output format options: bullets, lists, tables, JSON, code, outlines, markdown, etc.
- Guidelines for aligning prompts with persona and format.
- Combining Persona + Format + TCREI for professional prompts.

Practical:



- Create reusable JSON prompt templates specifying persona, task, context, and output format.

Summary:

Day 2 elevates prompting by integrating persona and output format specifications for targeted, readable, and reusable AI output. Participants learn to structure prompts for consistent and context aware results.

Day 3 : Practical Games & Reinforcement

Teaching:

- Review and reinforce TCREI framework basics.
- Review prompt structure, persona, and format choices through examples.

Practical:

- Interactive practical games that apply Days 1 and 2 skills (TCREI, JSON, persona formats).
- Team based exercises and peer review to practice and reinforce prompt engineering techniques.

Summary:

Day 3 is dedicated to immersive hands-on activities, reinforcing the concepts from the first two days through active participation and group games for deeper practical understanding.

Day 4 : Context, References, and Iteration Mastery

Teaching:

- The golden rule of context (7 layers: audience, goal, constraints, background, technical, preferences, evaluation).
- Why and how references ("show, don't tell") work in prompts.
- Iteration for refining prompts: 3 step framework (Evaluate → Diagnose → Fix & Retry).
- Prompt chaining for multi step tasks and workflows.

Practical:

- Enhance a basic prompt by adding context, constraints, and references.
- Fix AI output by improving prompt specificity and length/tone.
- Build simple 3 step prompt chains for student project tasks.

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Summary:

Day 4 focuses on mastering the subtler layers of TCREI—context, references, and iterative improvement—resulting in professional, highly tuned prompts for complex scenarios.

Day 5 : Advanced Reasoning—Chain of Thought, Tree of Thought, Chaining

Teaching:

- Prompt chaining: breaking tasks into sequential, linked prompts.
- Chain of Thought (CoT) for step by step linear reasoning in prompts.
- Tree of Thought (ToT) for branching reasoning and multi option solutions.
- Patterns and use cases for constructing effective prompt chains.

Practical:

- Use ToT templates to generate and rank alternative project approaches.

Summary:

Day 5 covers advanced structures—prompt chaining, CoT, and ToT—empowering students to tackle analytical and strategic tasks with clear, logical AI outputs.

Day 6 : Evaluation, Responsible AI, and Intelligent Agents

Teaching:

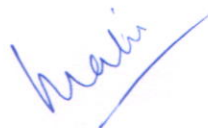
- Why prompt and agent output evaluation is necessary.
- Creation and usage of evaluation rubrics (accuracy, tone, instruction match, etc.).
- Automated evaluation: LLM as Judge and scoring frameworks.
- Responsible AI principles: human judgment, bias, transparency, privacy.
- Introduction to AI agents, types and the RASTI/ReAct frameworks.

Summary:

Day 6 equips learners to evaluate, refine, and ensure responsible use of AI, introducing evaluation rubrics, LLM auto judging, and key concepts behind building and managing intelligent agent systems.

Day 7 : Building Agents & Multimodal AI

Teaching:



- Guardrails for AI agents: stopping conditions, reasoning checks, human review protocols.
- How to build a ReAct agent (Thought Action Observation pattern) and RASTI agent.
- Limitations, ethical frameworks, and responsible deployment of autonomous agents.
- Introduction to multimodal AI (images + text): applications and vision capabilities.
- Use cases and pro tips for optimal text+image prompts and agent workflows.

Practical:

- Step by step agent build: customer feedback/ invoice processing ReAct or RASTI templates.
- Experiment with multimodal tasks: design evaluation, chart extraction, screenshot analysis.
- Test guardrails and agent behaviors in simulated batch tasks.

Summary:

Day 7 brings together agent engineering and multimodal AI, teaching practical guardrails, advanced agent design, and ethical deployment while practicing multimodal text and vision tasks for professional AI workflows.

Day 8: Advanced Techniques, Governance & RASTI Agent

Teaching:

- Prompt compression concepts, token costs, and why shorter prompts save money and latency.
- Compression techniques: removing redundancy, using shorthand, examples instead of long explanations, structured JSON templates, and smarter few-shot context.
- Types of AI bias (training data, algorithmic, evaluation, confirmation) and their real-world impacts.
- Bias detection methods: demographic parity, disparate impact, error analysis by group, and counterfactual fairness checks.
- Bias mitigation strategies: balanced training data, fairness constraints, regular audits, and diverse review teams.
- Hallucination definition, causes, detection methods, and mitigation (grounding in context, refusal rules, RAG, self-checking, constrained formats) [file:15].
- AI governance and compliance: regulations, privacy, transparency, human oversight, accountability, and governance checklist before deployment [file:15].
- Versioning prompts/agents using semantic versions, changelogs, and prompt evolution examples.
- Testing prompts: designing test cases, golden answers, scoring rubric, and pass-rate thresholds
- RASTI agent blueprint: role definition, worked example, guardrails, and batch processing setup.

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Practical:

- Sketch and parameterize a RASTI-based agent (e.g., for invoices or feedback) using the provided template.
- Project Planning

Summary:

Day 8 turns students from prompt users into system designers by focusing on compression, bias, hallucinations, governance, versioning, and testing. It finishes by applying these ideas to design a robust RASTI agent suitable for real-world deployment.

Day 9 : Vibe Coding & Capstone Demo Project

Teaching:

- Concept of vibe coding: using AI as a coding partner to go from idea to working app rapidly.
- Benefits of vibe coding: faster development, AI handling heavy lifting, learning from generated code, and shipping MVPs quickly.
- Five-step workflow: writing a detailed PRD, building an MVP with Lovable AI, saving code to GitHub, downloading it, and running it locally in VS Code.
- Using ChatGPT to generate a full PRD from an app idea, including app overview, audience, features, UX/UI, technical requirements, and roadmap.
- Importance of first selecting a suitable tech stack via AI recommendation and feeding that into the PRD.
- Using Lovable to generate a working web app and understanding what it outputs (HTML/CSS/JS and UI).
- GitHub basics: creating repositories, pushing code, and downloading ZIPs.
- VS Code basics: opening projects, installing prerequisites and dependencies, and running the app using AI-generated setup prompts.
- Debugging with AI: structured "expert debugger" prompt for finding and fixing code errors.

Practical:

- Write a clear PRD for a chosen app idea using ChatGPT, including tech stack recommendation.
- Use Lovable (or similar tool) to generate an MVP based on the PRD and inspect the live app.
- Push generated code to GitHub and download/open it in VS Code for local execution.
- Use an "expert developer" prompt to get exact install and run commands for the chosen stack.
- Use an "expert debugger" prompt to diagnose and fix at least one error encountered while running the app.

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Summary:

Day 9 is a full vibe-coding pipeline day, showing how to move from idea → PRD → AI-generated MVP → GitHub → local development. Students practice using AI for architecture, code generation, environment setup, and debugging, directly feeding into their capstone projects.

Day 10 : Resources, Creative Prompting and Project Discussion

Content :

- Overview of free prompt-engineering learning resources, including Learn Prompting, DeepLearning.AI's ChatGPT Prompt Engineering course, Simplilearn's course, and Google Cloud's prompt engineering guide.
- External vibe-coding guides and examples: GitHub workflow templates, structured vibe-coding articles, experiment blogs, and Google Cloud's vibe-coding breakdown.
-

Practical:

- Interactive practical games that apply the concepts learnt throughout the course.
- Capstone project discussion and informal Q&A to connect all course concepts with future personal projects.

Summary:

Day 10 closes the course with a mix of fun, creativity, and next-step resources. Students explore external courses and vibe-coding guides. Project discussions reinforce their skills and help plan how to continue practicing prompt engineering through creating their capstone projects.

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10-Day C Graphics Course Plan (1 Hour Daily)

Day 1: Introduction to C Language

Teaching:

- What is C Language?
- Structure of C.
- Primary Data Types.
- Secondary Data Types

Practical:

- Demonstrate a code showing C structure?
 - Demonstrate a code using Primary Data Type?
 - Demonstrate Arrays?
-

Day 2: Conditional and Iterative Statement

Teaching:

- Secondary Data Type(continuation).
- Types of Conditional Statements.
- Types of Loops.

Practical:

- Demonstrate Functions?
 - Demonstrate Pointers?
 - Demonstrate Loops (for, while, do-while)?
-

Day 3-User-Defined Data Type & Operators

Teaching:

- Struct, Enum, Union.
- Types of Operators.

Practical:

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- -
 - Demonstrate Structure?
 - Demonstrate Enum?
 - Demonstrate Union?
 - Demonstrate code using different Operators?
-

Day 4-Introduction to C Graphics

Teaching:

- What are C Graphics?
- Application of C Graphics.
- Header Files. (graphics.h)
- Simple shapes (no coding part).

Practical:

- Demonstrate swap?
 - Demonstrate positive, negative or zero?
 - Demonstrate multiplication table?
-

Day 5-Co-ordinates & Shapes

Teaching:

- Co-ordinates
- Initgraph() function.
- Shapes functions along with code.

Practical:

- Demonstrate various Shapes?
-

Day 6-Text & Color functions

Teaching:

- Text Functions.
- Color Functions.

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Practical:

- Demonstrate Text Functions.
 - Demonstrate Color Functions.
-

Day 7-Practice Session

Teaching:

- Clearing doubts.

Practical:

- Demonstrate multiple different shapes on single screen?
-

Day 8-Animations

Teaching:

- Rainbow animation.

Practical:

- Demonstrate Rainbow?
 - Demonstrate car, bouncing ball?
-

Day 9- Mini Project

Teaching:

- Guidance incase of doubts regarding project.

Practical:

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Day 10-Files

Teaching:

- Files.

Practical:

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DAY 1 — What is a Website? + Basics of HTML

- Understand what websites are
- Learn basic HTML tags: h1, p, div, img, a
- Practical: Create a profile page
- Outcome: Understand webpage structure

DAY 2 — Structuring a Website

- Learn lists, tables, forms
- Use sections: header, footer, about, contact
- Practical: Create multi-section webpage
- Outcome: Clean structure for future site

DAY 3 — CSS Basics

- Learn styling: colors, fonts, backgrounds
- Padding, margin, borders, buttons
- Practical: Style the profile website
- Outcome: Beautiful website layout

DAY 4 — Layout with Flexbox

- Learn centering, spacing, and flex direction
- Practical: Build navbar + 3-column layout
- Outcome: Modern responsive layouts

DAY 5 — Beginner JavaScript

- Learn variables, functions, events
- Build show/hide section and image slider
- Outcome: Add interactivity to websites

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10-Day Practical & Simple Web Development Course

A beginner-friendly course designed to help students build and deploy their first website.

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DAY 6 — Using APIs (Simple)

- Understand what an API is
- Learn simple fetch() usage
- Practical: Build Weather App
- Outcome: Display real-time API data

DAY 7 — Easy Database: Firebase

- Learn Firestore basics
- Save and read data without backend
- Practical: Build feedback system using Firebase
- Outcome: Database-powered website

DAY 8 — Final Project Build

- Build full multi-page website
- Add API + Firebase features
- Outcome: Working website 70% completed

DAY 9 — Polish & Mobile View

- Add animations, smooth scroll
- Make pages mobile friendly (media queries)
- Outcome: Professional modern website

DAY 10 — Deployment

- Deploy on Netlify
- Connect Firebase
- Create GitHub repository
- Outcome: Fully deployed live website

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Final Project Requirements

- Homepage + About page + Contact page
- Contact form connected to Firebase
- One JavaScript interactive feature
- One API-based feature (Weather/Quotes/etc.)
- Fully responsive layout
- Deployment on Netlify

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Participants of C Graphics

S.no	Name of the Student:	Class & Section	Gender
1	Ch Yashwanth Raj	BCA 2A	Male
2	A.V.S. DEVA VARSHINI	BSC HDS	Female
3	N Asuthosh	BSC MECS	Male
4	K Sri Charan	BSC MECS	Male
5	Prashanth	BSC MECS 2A	Male
6	Sheela Pranav	BSC MECS 2A	Male
7	Voshmitha	BSC MECS 2A	Female
8	Singam Laxmi Priya	BSC MPCS	Female
9	Nimmala Sushmitha	BSC MPCS 2	Female
10	Bojja Geethanjali	BSC MPCS 2	Female
11	Nikhil	BSC MPCS 2	Male
12	MD Abdul gani	BSC MPCS 2	Male
13	Archita kumari sia	BSC MPCS 2	Female
14	KUPPA HAMSIKA	BSC MSCS 1B	Female
15	Akshitha pasula	BSC MSCS 1B	Female
16	Chittimilla shriya	BSC MSCS 1B	Female
17	Rishikesh	BSC MSCS 1B	Male
18	Rahul	BSC MSCS 1B	Male
19	Nikhil	BSC MSCS 1B	Male
20	Manish lal	BSC MSCS 1B	Male
21	S.Charitha	BSC MSCS 2A	Female
22	R.Varsha Priya	BSC MSCS 2A	Female
23	Sowmya.M	BSC MSCS 1B	Female
24	Stephen Shibu	BSC MSCS 1B	MALE
25	KUKKALA VIVEK	BSC MSCS 1B	Male
26	KARTHEKEYAN	BSC MSCS 1B	Male

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(Signature)

Participants of Prompt Engineering

S.No	Name of the Student:	Class & Section	Gender
1	Thatavarthi sri charitha	Bsc HDS -1	Female
2	G.Sai Swadha	Bsc HDS -1	Female
3	D Gouri shanker	Bsc MECs 2	Male
4	Bhanuprasad	Bsc MECs 2	Male
5	J.Nikhil sai	Bsc MECs 2	Male
6	Vikas Reddy	Bsc MECs 2	Male
7	Thornal Srikanth	Bsc MECs 2	Male
8	Tejas Tanujiya	Bsc MECs 2	Male
9	Saurav Sharma	Bsc MECs 2	Male
10	B. Bala Priyanka Shree	Bsc MECs 2	Female
11	Boya Mounika	Bsc MECs 2	Female
12	Pranathi	Bsc MECs 2	Female
13	Gautam Sharma	Bsc MECs 2	Male
14	Vemula Sri Harini	Bsc MECs 2	Female
15	Metta Bhavani	Bsc MECs 2	Female
16	Yuktha Reddy	Bsc MECs 2	Female
17	PokalaVarshitha	Bsc MECs 2	Female
18	Dasi.Ramya	Bsc MECs 2	Female
19	KALWA RISHIKA	Bsc MECs 2	Female
20	ROOPASRI JAMI	Bsc MECs 2	Female
21	MEKALA SHREYA	Bsc MECs 2	Female
22	E.SAHITHI	Bsc MPCs 2	Female
23	VADDE HEMALATHA	Bsc MPCs 2	Female
24	G GEETHIKA	Bsc MPCs 2	Female
25	Sushant Kumar Pandey	Bsc MSCs (1b)	Male
26	Aahan Raj	Bsc MSCs (1b)	Male
27	Ankit Prasad	Bsc MSCs (1b)	Male
28	Ansal Kumar Gupta	Bsc MSCs (1b)	Male
29	Jyothi Mali	Bsc hds 1	Female
30	BIRRU NAKSHATRA	BCA 2A	Female

Tony

Arathi

Participants of Advanced Web Development

SNO	Name of the Student:	Class & Section	Gender
1	Gadipalli Mahesh Dhanush	B.Sc MPC2	Male
2	Nagoju Navakanth	B.Sc MPC2	Male
3	G.Sri Prajan	B.Sc MPC2	Male
4	B. Viswanath	B.Sc MPC2	Male
5	Aditi Singh	BCA1A	Female
6	Akshara Tiwari	BCA1A	Female
7	B.VARSHITHA	BCA1A	Female
8	Chenchala komal sai	BCA1A	Male
9	G. Sunny	BCA1A	Female
10	L KAVYA	BCA1A	Female
11	M. Sathwika	BCA1A	Female
12	Minchula Grace Cynthia	BCA1A	Female
13	Nathan Jay Emmanuel	BCA1A	Male
14	Padige Bhaskar	BCA1A	Male
15	Perala Sravani	BCA1A	Female
16	Poorna Amrutha Varshini Damaraju	BCA1A	Female
17	R.keerthana	BCA1A	Female
18	Raghunathan jyothi krithika	BCA1A	Female
19	Rudhra Madhav Rauta	BCA1A	Male
20	Shreya yadav	BCA1A	Female
21	Y Sri Neelima	BCA1A	Female
22	RAKSHITHA	BCA1A	Female
23	Chittala Prasanthi	BCA1B	Female
24	Eega akhila	BCA1B	Female
25	Harika	BCA1B	Female
26	Lakshitha	BCA1B	Female
27	Spandana L	BCA1B	Female
28	K.Abhigna	BCA1A	Female
29	V Divya	BCA1A	Female
30	Staines Graham	BCA1A	Male
31	Aditi Nirgude	BCA1B	Female
32	HARINI	HDS 1	Female
33	divya	BA/BBA	Female

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Attendance of Advanced Web Development

Date		26-11-2025	27-11-2025	28-11-2025	29-11-2025	01-12-2025	02-12-2025	03-12-2025	04-12-2025	05-12-2025	06-12-2025
S.No	Name of the Student:	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10
1	Gadipalli Mahesh Dhanush	Present	Present	Present	Absent	Present	Present	Present	Present	Absent	Present
2	Nagoju Navakanth	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3	G.Sri Prajan	Present	Present	Present	Present	Present	Present	Present	Present	Absent	Present
4	B. Viswanath	Present	Present	Present	Absent	Absent	Present	Present	Absent	Absent	Absent
5	Aditi Singh	Present	Present	Present	Present	Absent	Absent	Present	Present	Present	Present
6	Akshara Tiwari	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
7	B.VARSHITHA	Present	Absent	Absent	Present	Absent	Absent	Present	Absent	Absent	Absent
8	Chenchala komal sai	Absent	Present	Present	Absent	Present	Present	Absent	Present	Absent	Present
9	G. Sunny	Present	Present	Present	Present	Absent	Present	Present	Absent	Absent	Present
10	L KAVYA	Present	Present	Present	Absent	Present	Absent	Present	Present	Absent	Absent
11	M. Sathwika	Present	Absent	Present	Present	Absent	Present	Absent	Present	Absent	Present
12	Minchula Grace Cynthia	Present	Present	Absent	Present	Absent	Present	Absent	Absent	Absent	Absent
13	Nathan Jay Emmanuel	Absent	Present	Absent	Present	Present	Present	Present	Present	Absent	Present
14	Padige Bhaskar	Present	Absent	Present	Present	Present	Present	Absent	Present	Present	Present
15	Perala Sravani	Absent	Present	Present	Absent	Present	Absent	Absent	Present	Present	Present
16	Poorna Amrutha Varshini Damaraju	Present	Present	Present	Absent	Present	Present	Present	Present	Present	Present
17	R.keerthana	Present	Present	Present	Absent	Present	Present	Present	Present	Absent	Present
18	Raghunathan jyothi krithika	Present	Present	Absent	Present	Absent	Present	Present	Absent	Absent	Absent
19	Rudhra Madhav Rauta	Present	Present	Present	Present	Present	Present	Present	Present	Absent	Present
20	Shreya yadav	Present	Absent	Present	Present	Present	Absent	Absent	Present	Absent	Present
21	Y Sri Neelima	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
22	RAKSHITHA	Absent	Present	Present	Present	Absent	Present	Present	Present	Present	Present
23	Chittala Prasanthi	Present	Present	Present	Absent	Absent	Present	Present	Present	Present	Absent
24	Eega akhila	Present	Present	Present	Absent	Absent	Present	Present	Present	Present	Absent
25	Harika	Present	Present	Present	Absent	Absent	Present	Present	Present	Absent	Present
26	Lakshitha	Absent	Present	Present	Present	Absent	Absent	Present	Absent	Present	Present
27	Spandana L	Absent	Present	Present	Absent	Absent	Present	Present	Present	Present	Absent
28	Chenchala komal sai	Absent	Absent	Absent	Present	Absent	Absent	Present	Absent	Absent	Absent
31	priti	Absent	Absent	Absent	Present	Absent	Absent	Present	Present	Absent	Absent
32	harini	Absent	Absent	Present	Absent	Absent	Absent	Present	Absent	Absent	Absent
33	divya	Absent	Present	Present	Absent	Present	Absent	Present	Present	Present	Present
34	staines	Absent	Present	Present	Present	Present	Present	Present	Present	Absent	Present
35	aditi Sudhakar	Absent	Present	Present	Present	Present	Absent	Present	Present	Present	Absent
36	Abhigna	Absent	Absent	Absent	Present	Absent	Absent	Absent	Present	Absent	Present

Tusa

Attendance of C Graphics

Date		26-11-2025	27-11-2025	28-11-2025	29-11-2025	01-12-2025	02-12-2025	03-12-2025	04-12-2025	05-12-2025	06-12-2025
S.no	Name of the Student:	Day- 1	Day- 2	Day- 3	Day- 4	Day- 5	Day- 6	Day- 7	Day- 8	Day- 9	Day- 10
1	Ch Yashwanth Raj	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
2	A.V.S. Deva Varshini	Present	Present	Present	Present	Absent	Present	Absent	Absent	Absent	Present
3	N Asuthosh	Present	Absent	Present	Present	Absent	Present	Present	Present	Present	Present
4	K Sri Charan	Present	Present	Present	Absent	Absent	Absent	Absent	Present	Present	Present
5	Prashanth	Present	Present	Absent	Present	Present	Present	Present	Present	Present	Present
6	Sheela Pranav	Present	Present	Absent	Present	Present	Present	Absent	Absent	Absent	Present
8	Singam Laxmi Priya	Present	Absent	Present	Present	Absent	Present	Present	Present	Present	Present
9	Nimmala Sushmitha	Present	Present	Present	Present	Absent	Present	Present	Present	Present	Present
10	Bojja Geethanjali	Present	Present	Present	Present	Absent	Present	Present	Present	Present	Present
11	Nikhil	Present	Present	Present	Present	Absent	Present	Present	Present	Present	Present
12	Abdul gani	Present	Present	Present	Present	Present	Present	Present	Absent	Absent	Absent
13	Archita kumari sia	Present	Present	Absent	Present	Absent	Present	Present	Present	Present	Present
14	Kuppa Hamsika	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
15	Akshitha pasula	Present	Present	Present	Present	Present	Present	Present	Absent	Present	Present
17	Rishikesh	Present	Absent	Present	Present	Absent	Absent	Absent	Absent	Absent	Absent
18	Rahul	Present	Absent	Present	Absent	Absent	Absent	Present	Present	Absent	Absent
19	Nikhil	Present	Absent	Absent	Present	Absent	Present	Present	Present	Absent	Present
20	Manish lal	Present	Absent	Present	Present	Absent	Present	Present	Present	Present	Present
21	S.Charitha	Present	Present	Absent	Absent	Absent	Present	Present	Present	Present	Present
22	R.Varsha Priya	Present	Absent	Absent	Absent	Absent	Present	Present	Present	Present	Present
23	Sowmya.M	-	Present	Present	Present	Absent	Absent	Absent	Present	Absent	Present
24	Stephen Shibu	-	Present	Present	Present	Present	Present	Present	Present	Present	Present
25	Karthikeyan	-	Present	Present	Absent	Absent	Present	Present	Present	Present	Absent
26	K Vivek	-	Present	Present	Present	Absent	Present	Present	Present	Present	Present

Sush

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Attendance of Prompt Engineering

	Dates	26-11-2025	27-11-2025	28-11-2025	29-11-2025	01-12-2025	02-12-2025	03-12-2025	04-12-2025	05-12-2025	06-12-2025
S.No	Name of the Student	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10
1	Thatavarthi sri charitha	Present	Present	Present	Present	Absent	Present	Present	Present	Present	Present
2	G.Sai Swadha	Present	Present	Present	Present	Absent	Absent	Present	Present	Present	Present
3	D Gouri shanker	Present	Absent	Present	Present	Absent	Present	Present	Absent	Present	Absent
4	Bhanuprasad	Present	Present	Absent	Present	Present	Absent	Present	Present	Absent	Present
5	J.Nikhil sai	Present	Absent	Absent	Present	Absent	Present	Present	Absent	Present	Absent
6	Vikas Reddy	Present	Present	Absent	Present	Absent	Absent	Absent	Absent	Absent	Absent
7	Thornal Srikanth	Present	Absent	Present	Present	Absent	Present	Present	Absent	Present	Absent
8	Tejas Tanujiya	Present	Present	Present	Present	Present	Absent	Present	Present	Present	Present
9	Saurav Sharma	Present	Present	Present	Absent	Absent	Present	Present	Present	Present	Present
10	B. Bala Priyanka Shree	Present	Present	Present	Absent	Present	Present	Present	Present	Present	Present
11	Boya Mounika	Present	Present	Present	Present	Present	Absent	Present	Present	Present	Present
12	Pranathi	Present	Present	Present	Absent	Present	Present	Present	Present	Present	Present
13	Gautam Sharma	Present	Present	Present	Absent	Present	Present	Present	Absent	Present	Present
14	Vemula Sri Harini	Present	Present	Present	Absent	Present	Present	Present	Present	Present	Present
15	Metta Bhavani	Present	Absent	Present	Present	Absent	Present	Present	Present	Present	Present
16	Yuktha Reddy	Present	Present	Present	Present	Present	Absent	Present	Absent	Present	Present
17	PokalaVarshitha	Present	Present	Present	Present	Absent	Absent	Present	Present	Present	Present
18	Dasi.Ramya	Present	Present	Present	Present	Absent	Present	Present	Absent	Present	Present
19	KALWA RISHIKA	Present	Absent	Absent	Present	Absent	Present	Present	Present	Present	Present
20	ROOPASRI J	Present	Present	Present	Present	Absent	Present	Present	Present	Present	Absent
21	M.SHREYA	Present	Present	Present	Absent	Present	Present	Present	Present	Absent	Present
22	E.SAHITHI	Present	Present	Present	Present	Absent	Present	Present	Present	Present	Absent
23	VADDE HEMALATHA	Present	Present	Present	Absent	Absent	Absent	Absent	Absent	Absent	Absent
24	G GEETHIKA	Present	Present	Present	Present	Absent	Present	Present	Present	Present	Absent
25	JYOTHI MALI	Present	Present	Present	Present	Absent	Present	Present	Present	Present	Present
26	Sushant Kumar Pandey	-	Present	Present	Present	Present	Present	Present	Present	Present	Present
27	Aahan Raj	-	Present	Present	Present	Present	Present	Present	Present	Present	Present
28	Ankit Prasad	-	Present	Present	Present	Present	Present	Present	Absent	Present	Present
29	Ansal Kumar Gupta	-	Present	Present	Absent	Absent	Present	Present	Present	Present	Present
30	Nakshatra	-	Present	Present	Present	Present	Absent	Absent	Present	Present	Present

Summary Report of Knowledge Sharing Programs

Department of Computer Science
Bhavan's Vivekananda College of Science, Humanities & Commerce
(Autonomous)

The Department of Computer Science organized a series of **Knowledge Sharing Programs** from **26 November 2025 to 6 December 2025** at the **Library Block**, aimed at enhancing practical skills, peer learning, and exposure to emerging technologies among undergraduate students. Senior students guided juniors through structured, interactive, and hands-on sessions on **Prompt Engineering, Graphics using C, and Advanced Web Development**.

The **Prompt Engineering Program** introduced students to effective prompt design and modern AI workflows. Participants learned structured prompting techniques, persona-based design, iterative refinement, and multi-step reasoning methods, along with responsible AI practices. The sessions concluded with practical application through AI-assisted planning, development, and project discussions.

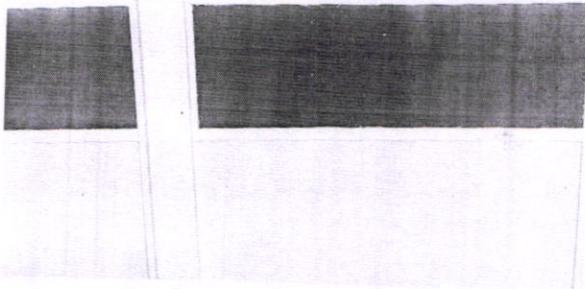
The **Graphics using C Program** focused on the fundamentals of computer graphics using the C language. Students learned to initialize graphics mode, draw basic shapes, work with text and colors, and implement simple graphical programs. Continuous hands-on practice helped improve logical thinking, creativity, and confidence in graphics programming.

The **Advanced Web Development Course** provided training in current web technologies, covering HTML structure, CSS styling and responsiveness, JavaScript interactivity, development tools, backend integration, UI/UX principles, and website deployment. Emphasis was placed on real-world workflows, clean design, and performance optimization.

Overall, the Knowledge Sharing Programs successfully fostered collaborative learning and practical exposure, strengthening students' technical abilities and preparing them for academic projects and future professional requirements.



Prompt Engineering



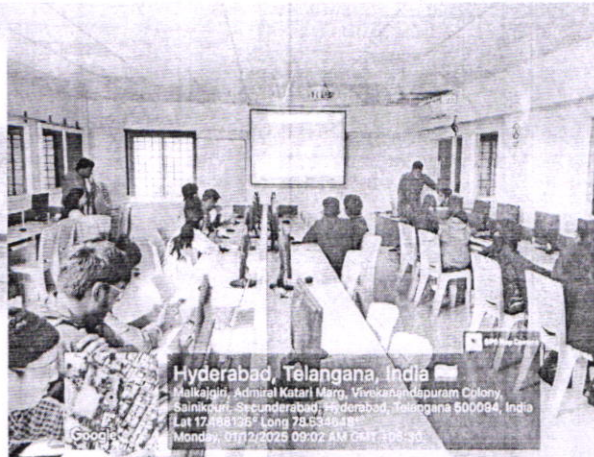
es

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C Graphics



Advanced Web Development



Report on Green Initiatives Event



The Department of Computer Science organized an event titled “*Green Initiatives – Reels & E-Poster Contest*” from **26/11/2025** to **01/12/2025**. The event was conducted to encourage students to showcase their creativity and raise awareness about environmental sustainability.

Participants from various streams, including B.Sc and B.Com, actively took part in the competition. A total of **17 E-posters from various streams** were submitted as part of the event. The event provided a platform for students to express innovative ideas related to eco-friendly practices through digital media such as reels and e-posters.

The main purpose of this initiative was to promote environmental awareness, inspire sustainable practices, and engage students in meaningful activities that contribute to a greener future. The

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event also aimed to enhance students' creative and technical skills while emphasizing the importance of protecting the environment.

Faculty In-charges:

Dr. S. Jayalaxmi & Ms. M. Amitha

Participants List :

GREEN INITIATIVES Department of Computer Science (E-Poster Making)						
sno	Team Member 1 (Full Name)	Team Member 1 (Gender)	Team member 2 (Full Name)	Team Member 2(Gender)	Name of Programme	Year of Programme
1	Bhanuprasad	Male	Nil		B.Sc Life Sciences	2nd year
2	Thalla Bhavani Yadav	Female	Tanishka jain	Female	B.Sc Physical Sciences	1st Year
3	Deva Varshini	Female	Jyothi Mali	Female	B.Sc Physical Sciences	1st Year
4	P.Ramya	Female	V.Hemalatha	Female	B.Sc Physical Sciences	2nd year
5	Pranathi	Female	Nil		B.Sc Physical Sciences	2nd year
6	Birru Nakshatra	Female	Nil		BCA	2nd year
7	Minchula Grace Cynthia	Female	Bhavana Chowdary	Female	BCA	1st Year
8	R.Vardhini	Female	Nil		B.Sc Physical Sciences	3rd year
9	BRAMANAPALLY VARUN	Male	Nil		B.Sc Physical Sciences	3rd year

Amitha

10	Geeta choudhary	Female	Nil		B.Com	1st Year
11	Aahan Raj	Male	Nil		B.Sc Physical Sciences	1st Year
12	Dongala Shravani	Female	Nil		BCA	3rd year
13	Sushant kumar pandey	Male	Nil	Male	B.Sc Physical Sciences	1st Year
14	Ankit prasad	Male	Ankit prasad	Male	B.Sc Physical Sciences	1st Year
15	Poorna Amrutha Varshini Damaraju	Female	Akshara Tiwari	Female	BCA	1st Year
16	Niharika	Female	Sonali	Female	BCA	2nd year
17	Yashita Raithatha	Female	Chaitanya	Male	BCA	2nd year
18	Teppala Chaitanya	Male	Yashita raithatha	Female	BCA	2nd year

Link For E-Posters

https://drive.google.com/drive/folders/1NuqxKZSFAuiiXbrDunvdXtawAXBUYJSjiN7H-13Y0v_JmTBEEI97Hh7368hv0kHBGMs0JBj?usp=sharing

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10	Geeta choudhary	Female	Nil		B.Com	1st Year
11	Aahan Raj	Male	Nil		B.Sc Physical Sciences	1st Year
12	Dongala Shravani	Female	Nil		BCA	3rd year
13	Sushant kumar pandey	Male	Nil	Male	B.Sc Physical Sciences	1st Year
14	Ankit prasad	Male	Ankit prasad	Male	B.Sc Physical Sciences	1st Year
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16	Niharika	Female	Sonali	Female	BCA	2nd year
17	Yashita Raithatha	Female	Chaitanya	Male	BCA	2nd year
18	Teppala Chaitanya	Male	Yashita raithatha	Female	BCA	2nd year

Link For E-Posters

https://drive.google.com/drive/folders/1NuqxKZSFAuuiXbrDunvdXtawAXBUYJSjiN7H-13Y0v_JmTBEEI97Hh7368hv0kHBGMsg0JBj?usp=sharing

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DEPARTMENT OF COMPUTER SCIENCE

Is Organizing

Two Day - Networking & simulation Workshop

Using Cisco Packet Tracer



Resource Person :

Mr. Houston Ivan Moses
Network Engineer, DataCipher, Pvt. Ltd.

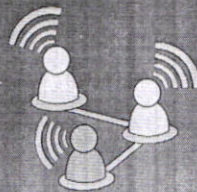
Offline Mode

" For BCA and HDS 2nd yrs "

Workshop Highlights

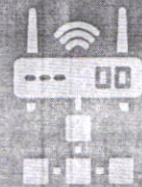
✓ **DAY - 1**

- Networking Basics
- IP Addressing
- MAC vs IP
- Networking Devices
- Packet Tracer Setup



✓ **DAY-2**

- IP Assignment
- VLAN Creation
- Access & Trunk Ports
- Static / RIP / OSPF Routing
- Network Testing & Troubleshooting



" Hands on Workshop Session "

📅 19th and 20th December, 2025

🕒 9:30 AM - 4:30 PM

📍 Library Block, N22A Lab

✓ **WHAT YOU'LL MASTER IN 2 DAYS**

- Build & configure real network setups
- Work with routers, switches & VLANs
- Understand routing & addressing
- Use Packet Tracer like a pro
- Solve practical networking issues

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H.O.D

Dr. K. V. B. Saraswathi Devi

Faculty In-Charge

Ms. M. Amitha

Workshop Agenda

Objectives:

- 1. To provide students with hands-on experience in creating and configuring basic networks using Cisco Packet Tracer.**
- 2. To introduce core networking concepts such as IP addressing, routing, VLANs, and device configuration through real-time practical activities.**

Day 1 – Fundamentals & Packet Tracer Basics

- What is a Network?
- Types of Network Topologies
- OSI & TCP/IP Models
- IP vs MAC address
- Private vs Public IP Ranges
- Classful and Classless Addressing
- Networking Devices Overview
- Installation & UI of Cisco Packet Tracer
- Creating a Sample Topology

Day 2 – Cisco Router & Switch Configuration

- IP Address Assignment
- RARP process
- VLAN Creation
- Access & Trunk Port Configuration
- Connecting Devices
- Static, RIP & OSPF Routing
- Network Testing & Troubleshooting

Expected Outcomes:

- 1. Students will be able to build, configure, and troubleshoot small network topologies using Cisco Packet Tracer.**
- 2. Students will gain practical skills in router and switch configuration, including IP assignment, routing protocols, VLANs, and port configuration.**

Industry-Oriented Outcomes: Benefit the students in preparing for careers in Networking, Cyber Security, Cloud Computing, and System Administration.

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Bhavan's Vivekananda college
Of Science, Humanities & Commerce
Autonomous College-Affiliated to Osmania University
Re-Accredited with 'A' Grade by NAAC
Sainikpuri, Secunderabad-500094

Report on

**Two-Day Workshop on Networking and Simulation using Cisco Packet Tracer
Under Bhavan's Institution Innovation Council (BIIC)**

The poster is for a two-day workshop titled "Two Day Workshop - Networking & Simulation using Cisco Packet Tracer" organized by the Department of Computer Science under Bhavan's Institution Innovation Council (BIIC). The resource person is Mr. Houston Ivan Moses, Network Engineer at DataCipher Pvt. Ltd. The workshop highlights include: Day 1 (Networking Basics, IP Addressing, MAC vs IP, Networking Devices, Packet Tracer Setup) and Day 2 (IP Assignment, VLAN Creation, Access & Trunk Ports, Static / RIP / OSPF Routing, Network Testing & Troubleshooting). The workshop is held on 19th and 20th December 2025, from 9:30 AM to 4:30 PM in the Library Block, N22A Lab. The H.O.D. is Dr. K. V. B. Saraswathi Devi and the Faculty In-Charge are Ms. M. Anitha and Ms. N. Sharon Rosy. A note mentions "Offline Mode" for BCA and HDS 2nd yrs.

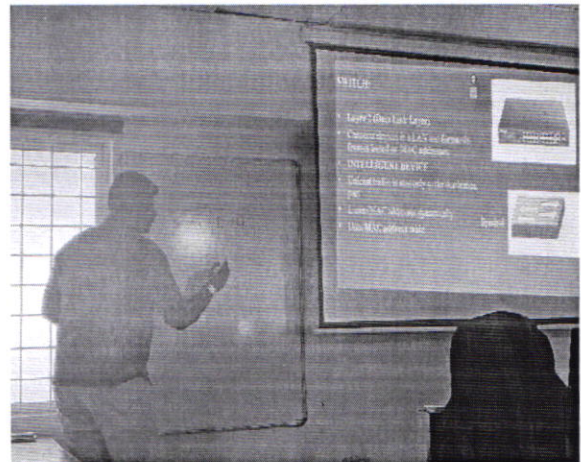
The Department of Computer Science under Bhavan's Institution Innovation Council (BIIC), organized a two-day workshop on **Technology Readiness** highlighting **Networking & Simulation** on **19th and 20th December 2025**. The workshop was conducted by **Mr. Houston Ivan Moses**, Network Engineer, DataCipher Pvt. Ltd., who provided expert guidance on both theoretical and practical aspects of computer networking applicable in the industry. A total of **51 students from BCA and B.Sc. (HDS) II Years** registered and actively participated in the program.

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On the **first day**, the resource person introduced fundamental concepts of computer networking, including network types, topologies, IP and MAC addressing, OSI and TCP/IP models, classful and classless addressing, and networking devices. Students were also introduced to Cisco Packet Tracer, its interface, and the creation of basic network topologies.

The **second day** focused on hands-on practical sessions, where students configured routers and switches, assigned IP addresses, implemented VLANs, configured access and trunk ports, and worked with routing protocols such as **Static Routing, RIP, and OSPF**. Students actively participated in real-time configuration, troubleshooting activities, and a short assessment. The workshop concluded with feedback from the participants and a vote of thanks.



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Overall, the workshop was successfully conducted and proved to be highly beneficial in enhancing students' understanding of computer networking and practical simulation tools. The workshop enhanced the technical skills of students and laid a strong foundation for advanced networking studies which can help students to be ready for placements or interviews.

Topics covered

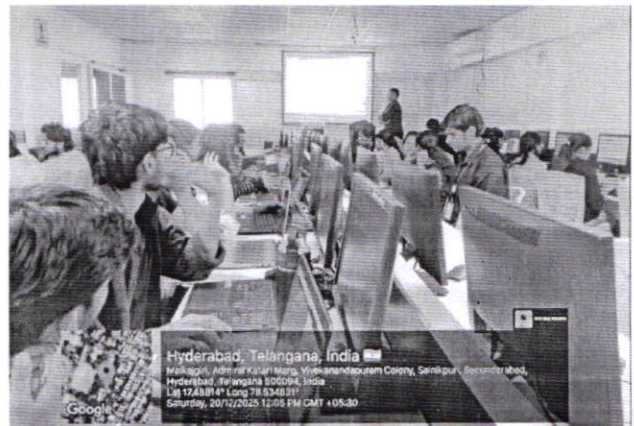
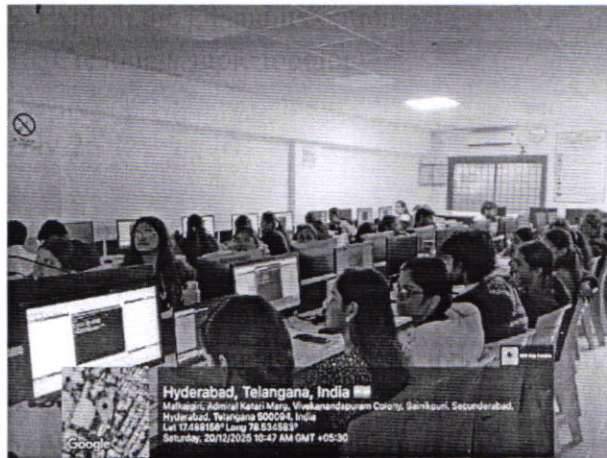
Day-1:

1. What is a network?
2. What is a topology? What are the types of topologies
3. Difference between IP and MAC address
4. OSI and TCP/IP model explanation with an example
5. Classful and classless IP address
6. Private and public range
7. Types of networking devices and their uses
8. Installation of Cisco Packet Tracer
9. Explain the UI and its options
10. Creating sample topology

Day-2:

Basic commands on Cisco Router and switches::

1. IP address assignments
2. Connections from one device to another
3. Routing protocols (Static, RIP and OSPF) implementations
4. VLAN configuration
5. Access and trunk port configuration



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Outcomes of the Workshop

After attending the workshop, students were able to:

- Understand basic computer networking concepts and terminologies
- Explain OSI and TCP/IP models, IP addressing, and network topologies
- Use Cisco Packet Tracer for network simulation
- Configure routers and switches with IP addressing
- Implement VLANs and configure access and trunk ports
- Apply routing protocols such as Static Routing, RIP, and OSPF
- Perform basic network troubleshooting

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Bhavan's Vivekananda College

Two-Day Workshop on Networking & Simulation
using Cisco Packet Tracer
List of Student Participants (2025-2026)

S.No	ROLL NO	NAMES	PROGRAMME
1	107224861001	Abhigyan Upadhyay	BCA
2	107224861002	Aditya Suresh Ambure	BCA
3	107224861005	Anurag Yadav	BCA
4	107224861012	Birru Nakshatra	BCA
5	107224861013	Bishukarma Roshan	BCA
6	107224861015	Bokka Karthik	BCA
7	107224861021	Ch Yashwanth Raj	BCA
8	107224861024	Deepak Sahoo	BCA
9	107224861032	G. Gurunath Reddy	BCA
10	107224861034	Gyana Jyoti Khilar	BCA
11	107224861037	K.R. Praneeth	BCA
12	107224861038	Kancharla Aradhana	BCA
13	107224861041	Karri Vinay Manohar Teja	BCA
14	107224861047	Krithika Balanna	BCA
15	107224861050	Madari Marcus John	BCA
16	107223861044	Santosh.K	BCA
17	107224861051	Manchikanti N A V S N Raj	BCA
18	107224861053	MUKHYARLA NANDINI	BCA
19	107224861054	Sowmya Nagnur	BCA
20	107224861055	Neha Mohapatra	BCA
21	107224861059	Pala Manish	BCA
22	107224861061	Rohini Panchangam	BCA
23	107224861064	Pavithra Usike	BCA
24	107224861066	Pesala Saharsha	BCA

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25	107224861069	Ponnapu Harika Devi	BCA
26	107224861071	Prabodh Umesh Gadre	BCA
27	107224861072	Punith Pawar	BCA
28	107224861073	Pushpanjali Kumari	BCA
29	107224861077	Sanchita Maji	BCA
30	107224861079	Sanju Choudhary	BCA
31	107224861080	Rohith Seethala	BCA
32	107224861081	Sharada Ranjan	BCA
33	107224861083	Sonali.K	BCA
34	107224861084	Sonu Kumar	BCA
35	107224861085	Bothali Sony	BCA
36	107224861088	T.Chaitanya	BCA
37	107224861089	Thakur Tanya Singh	BCA
38	107224861093	Upparapally Manikanta	BCA
39	107224861094	Vadala Sanjana	BCA
40	107224546005	Appalabhathula Sai Ramya	HDS
41	107224546007	Atchutuni Sri Akshita	HDS
42	107224546010	Byroju Neha	HDS
43	107224546015	Devarakonda Shruthi	HDS
44	107224546017	Gattogi Hasini	HDS
45	107224546023	Madivala Akhila	HDS
46	107224546025	Manepalli Hemalatha	HDS
47	107224546029	Nimmala Bindu Sree	HDS
48	107224546030	P. Amulya	HDS
49	107224546035	Peruri Ramya Sree	HDS
50	107224546036	Polamraju Sai Gyana Srujitha	HDS
51	107224546048	Nikitha Tiprale	HDS

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Bhavan's Vivekananda College
Two-Day Workshop on Networking & Simulation

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5	107224861013	BISHUKARMA ROSHAN	BCA
6	107224861015	BOKKA KARTHIK	BCA
7	107224861021	CH YASHWANTH RAJ	BCA
8	107224861024	DEEPAK SAHOO	BCA
9	107224861032	G. GURUNATH REDDY	BCA
10	107224861034	GYANA JYOTI KHILAR	BCA
11	107224861037	K.R. PRANEETH	BCA
12	107224861038	KANCHARLA ARADHANA	BCA
13	107224861041	KARRI VINAY MANOHAR TEJA	BCA
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25	107224861069	Ponnapu Harika devi	BCA
26	107224861071	Prabodh Umesh Gadre	BCA
27	107224861072	Punith Pawar	BCA
28	107224861073	Pushpanjali kumari	BCA
29	107224861077	Sanchita Maji	BCA
30	107224861079	Sanju Choudhary	BCA
31	107224861080	Rohith Seethala	BCA
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51	107224546048	Nikitha Tiprale	HDS

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Bhavan's Vivekananda College		
Two-Day Workshop on Networking & Simulation		
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1	107224546005	Appalabhathula Sai Ramya
2	107224546007	Atchutuni Sri Akshita
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11	107224546036	Polamraju Sai Gyana Srujitha
12	107224546048	Nikitha Tiprale

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Timestamp	Username	Name of the Participant:	Roll Number:	Department :	Gender	Keypoints: [The session gave me insights to explore more aspects on Networking and related concepts.]	Keypoints: [The Session was very interactive and engaging.]	Keypoints: [Sequencing and Structuring of topics was properly made.]	Keypoints: [The session contributed fairly to enhance my knowledge.]	Keypoints: [The Hands-on session helped in gaining real-time experience about tracing Network packets and	What are your key takeaways from the session?
2025/12/20 4:34:56 PM GMT+5:30	rohinipanchangamm@gmail.com	Rohini Panchangam	107224861061	BCA	Female	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Very informative
2025/12/20 4:34:59 PM GMT+5:30	saharshapesala@gmail.com	P.saharsha	107224861066	BCA	Female	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	.
2025/12/20 4:35:05 PM GMT+5:30	gyanajyotikhilar@gmail.com	Gyana jyotikhilar	34	BCA	Male	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	
2025/12/20 4:35:16 PM GMT+5:30	nehamohapatra835@gmail.com	Neha Mohapatra	107224861055	BCA	Female	Agree	Agree	Agree	Agree	Agree	We learnt how irl networking works
2025/12/20 4:35:17 PM GMT+5:30	chaitanyac140@gmail.com	Chaitanya	107224861088	BCA	Male	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	To many to write here
2025/12/20 4:35:26 PM GMT+5:30	mnraj200725@gmail.com	Manchikanti N A V S N Raj	107224761051	BCA	Male	Agree	Strongly Agree	Agree	Strongly Agree	Agree	Learning about network
2025/12/20 4:35:30 PM GMT+5:30	prabodhgadre06@gmail.com	Prabodh Umesh Gadre	107224861071	BCA	Male	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	It was very ressourceful
2025/12/20 4:35:30 PM GMT+5:30	upcominghacker2006@gmail.com	Teja karri	107224861041	BCA	Male	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	It's is very valuable workshop to students it means a lot
2025/12/20 4:35:30 PM GMT+5:30	kasalapraneeth674@gmail.com	K.R.Praneeth	107224861037	BCA	Male	Agree	Agree	Agree	Agree	Agree	

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Workshop Agenda

Agenda:

1. Web Application Hacking & Security

- Understanding how web applications work
- Common vulnerabilities (OWASP Top 10 – high level)
- Secure coding & defensive practices
- Safe demo of web attacks and mitigations

2. Email Hacking

- Phishing, spear phishing, and spoofing
- Anatomy of a malicious email
- Identifying red flags
- Email protection: MFA, filters, and best practices

3. Social Media & Digital Risks

- Oversharing and privacy concerns
- Account takeover risks
- Impersonation, deepfakes & scams
- Strengthening privacy settings

4. Social Engineering

- Human manipulation techniques
- Types: pretexting, vishing, baiting, tailgating
- How attackers gather information
- Verifying identity & resisting pressure

5. Threat Modeling

- Identifying assets and threats
- Understanding vulnerabilities & impacts
- Basic frameworks (STRIDE, DREAD – high level)
- Prioritizing risks

6. Mobile Security

- Mobile OS security basics
- App permissions & unsafe apps




- Mobile malware & network risks
- Best practices for securing devices

7. Careers in Cybersecurity

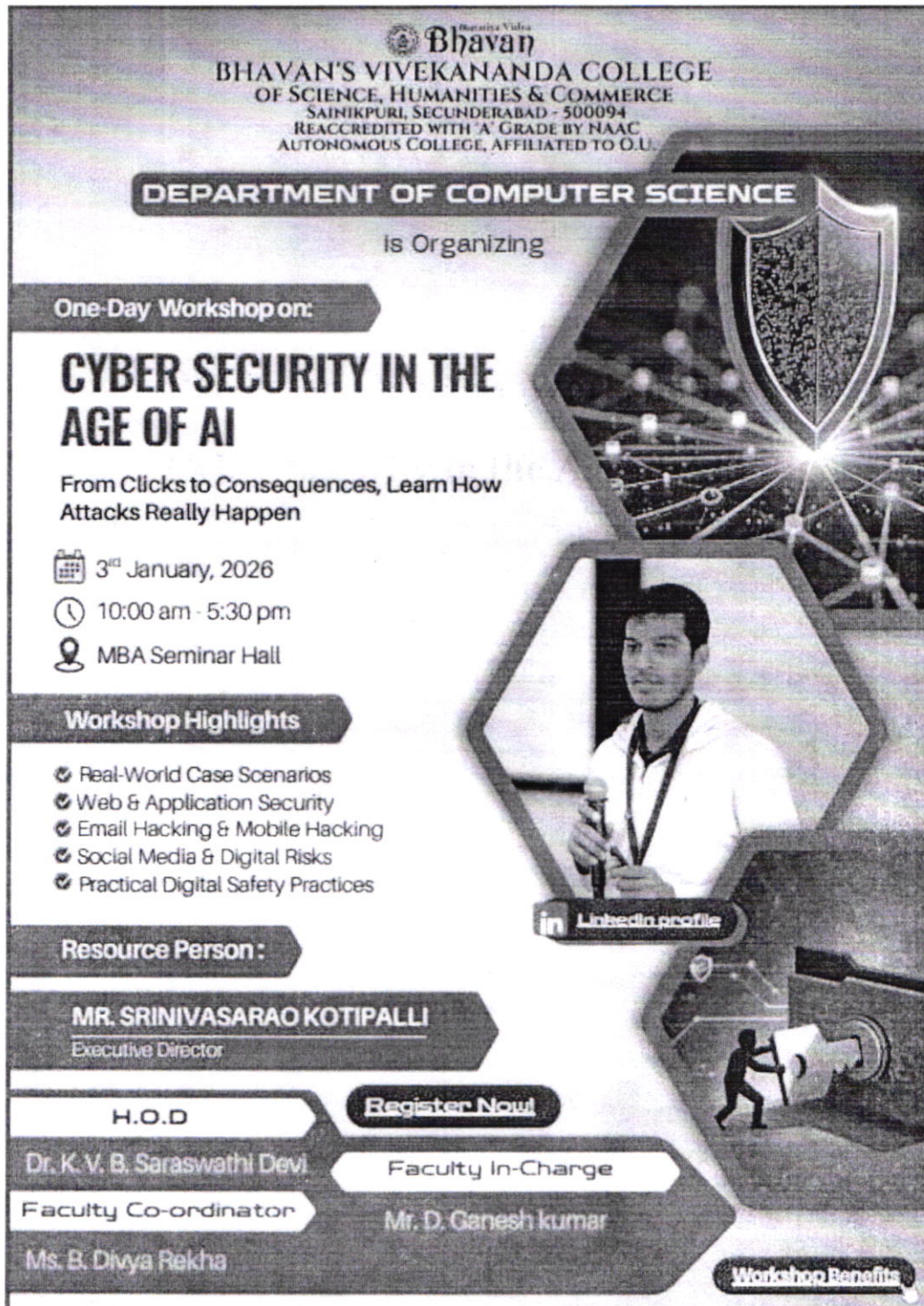
- Major career paths (Blue Team, Red Team, GRC, Cloud, etc.)
- Skills and certifications roadmap
- Entry-level opportunities
- Resources for ongoing learning

8. Cyber Security in the Age of AI

- How AI enhances cyber-attacks (automation, phishing, reconnaissance)
 - AI-driven defense: anomaly detection, threat prediction, SOC automation
 - Risks of deepfakes, synthetic identities & misinformation
 - Securing AI systems: data protection, model integrity, adversarial attacks
 - Human–AI collaboration in modern security teams
- 

Report on One-Day Workshop




“Cyber Security in the Age of AI”



Bhavan
BHAVAN'S VIVEKANANDA COLLEGE
OF SCIENCE, HUMANITIES & COMMERCE
SAINIKPURI, SECUNDERABAD - 500094
REACCREDITED WITH 'A' GRADE BY NAAC
AUTONOMOUS COLLEGE, AFFILIATED TO O.U.

DEPARTMENT OF COMPUTER SCIENCE
Is Organizing

One-Day Workshop on:
CYBER SECURITY IN THE AGE OF AI
From Clicks to Consequences, Learn How Attacks Really Happen

 3rd January, 2026
 10:00 am - 5:30 pm
 MBA Seminar Hall

Workshop Highlights

- ✔ Real-World Case Scenarios
- ✔ Web & Application Security
- ✔ Email Hacking & Mobile Hacking
- ✔ Social Media & Digital Risks
- ✔ Practical Digital Safety Practices

Resource Person :
MR. SRINIVASARAO KOTIPALLI
Executive Director

H.O.D
Dr. K. V. B. Saraswathi Devi
Faculty Co-ordinator
Ms. B. Divya Rekha

Register Now!
Faculty In-Charge
Mr. D. Ganesh kumar

Workshop Benefits

SR

[Signature]

Title of the Programme: One-Day Workshop on “Cyber Security in the Age of AI”

Date: 2 January 2026

Time: 10:00 am to 5:30 pm (One-Day Workshop)

Venue: Department of Computer Science, Bhavan’s Vivekananda College, Sainikpuri, Secunderabad

Resource Person / Speaker: Mr. Srinivas

Target Audience: Undergraduate Students(46 participants)

The workshop was organized with the objectives of introducing students to the fundamentals of cyber security, creating awareness about cyber threats and ethical hacking, and demonstrating real-world cyber-attack scenarios to encourage secure digital practices. Mr. Srinivas delivered an intensive and practice-oriented session that effectively integrated theoretical concepts with live demonstrations, aligning with the learning needs of the Undergraduate audience.

Programme Overview

The workshop commenced with an introduction to cyber security as a distinct discipline, wherein the speaker clarified the difference between conventional computer science and cyber security and emphasized its growing importance in the age of artificial intelligence. He then discussed different categories of hackers and commonly observed cyber-attacks, followed by an explanation of core networking concepts such as IP addressing and DNS to provide the necessary technical foundation.

Technical Sessions

The technical sessions focused on web and application security topics, including Google hacking, SQL Injection, Cross-Site Scripting (XSS), mobile security, and phishing attacks. Live demonstrations of SQL Injection and XSS were conducted to show how insecure web applications can be exploited, and various command-line utilities and forensic tools were demonstrated to give students hands-on exposure to security testing and investigation techniques.

Concluding Sessions

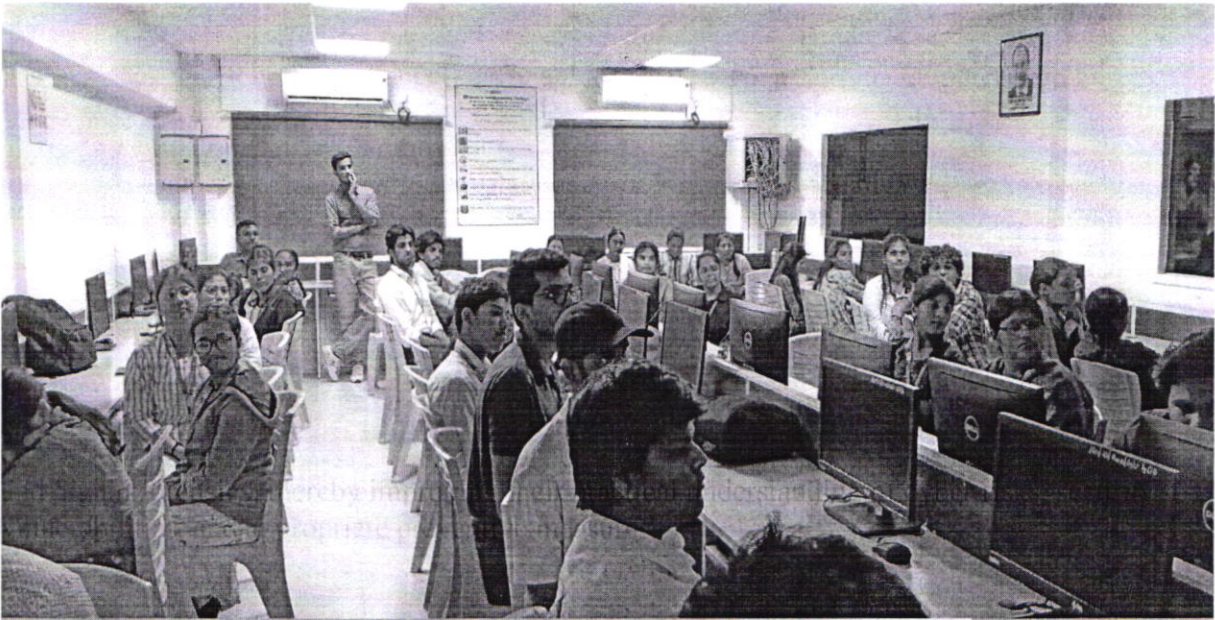
In the concluding part of the Programme, the resource person discussed digital forensics and phishing techniques, explaining how attackers combine technological loopholes with social engineering to compromise systems and users. The importance of ethical and responsible cyber practices was repeatedly emphasized, with reference to legal and professional obligations while working in the cyber security domain.

Outcomes of the Programme

By the end of the workshop, students were able to distinguish between computer science and cyber security, identify different types of hackers and cyber-attacks, and explain IP addressing, DNS, and common web vulnerabilities. They gained a clearer understanding of SQL Injection and XSS through live demonstrations, and developed awareness of phishing, mobile hacking,

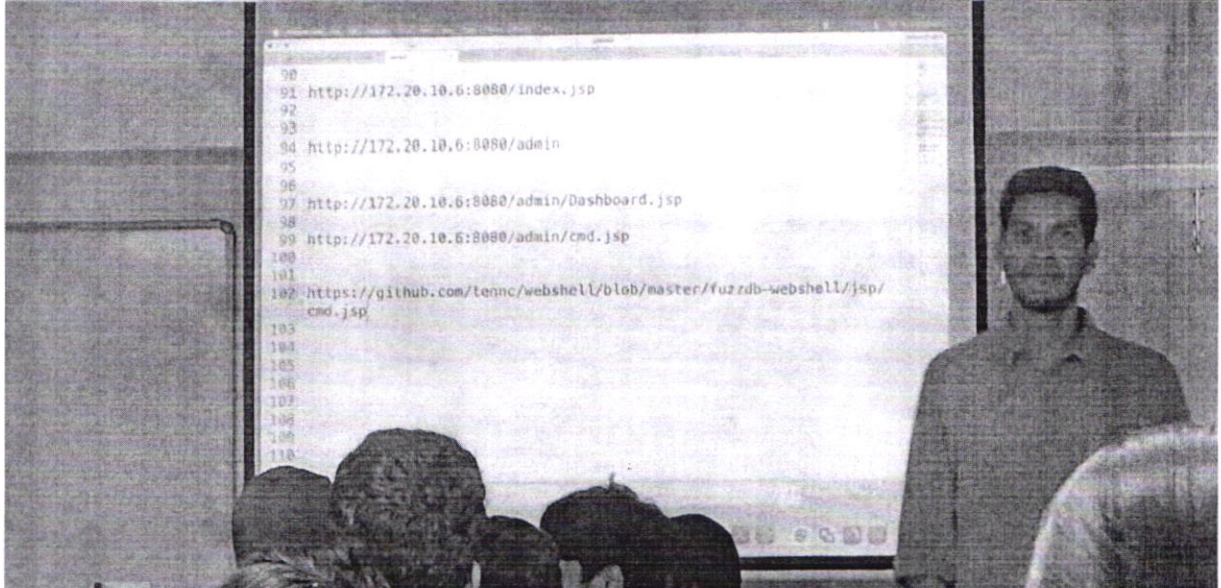


and digital forensics, thereby improving their practical understanding of cyber risks, security vulnerabilities, and appropriate preventive measures.



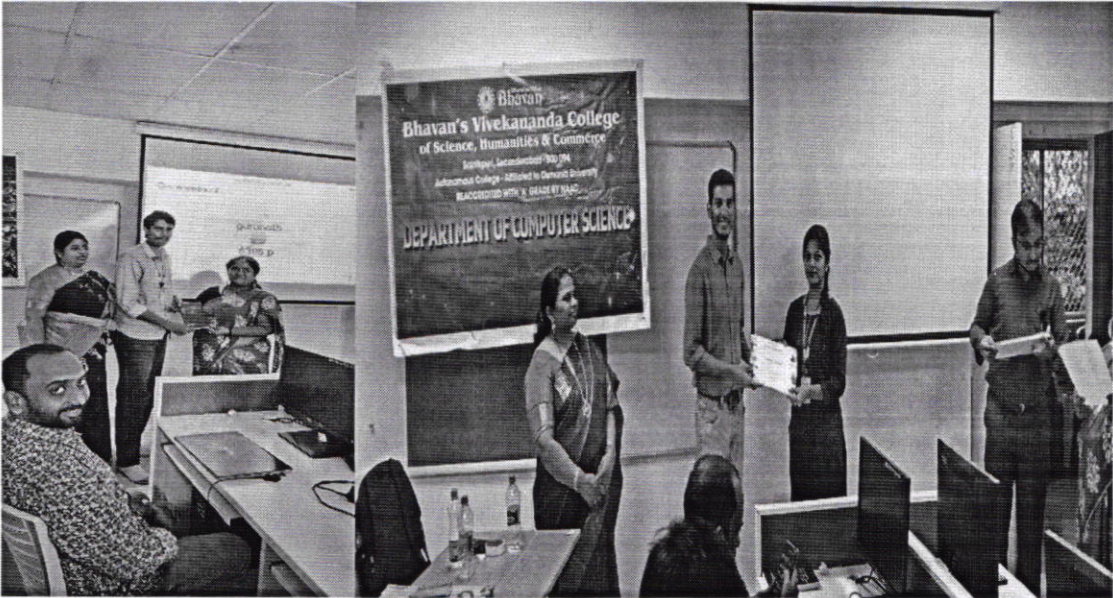
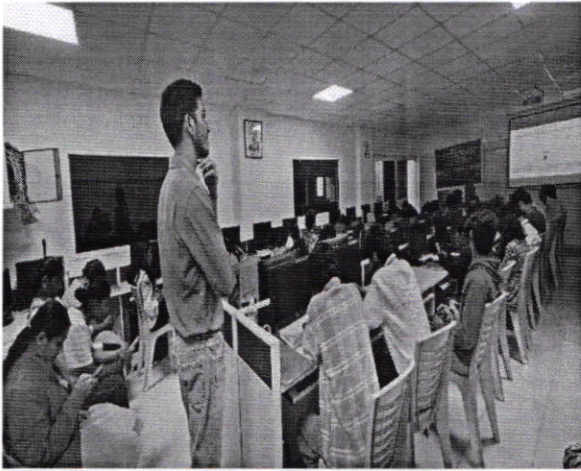
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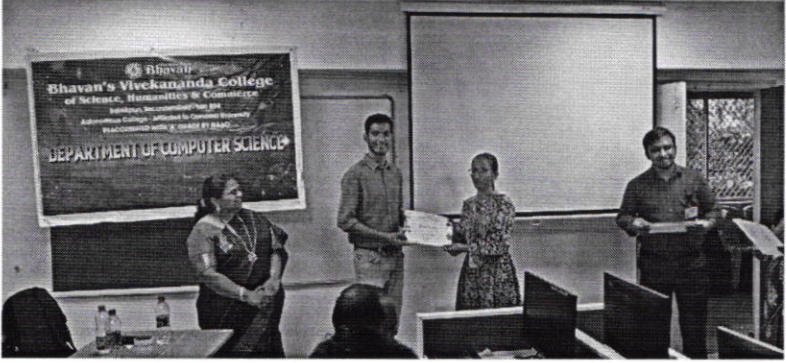
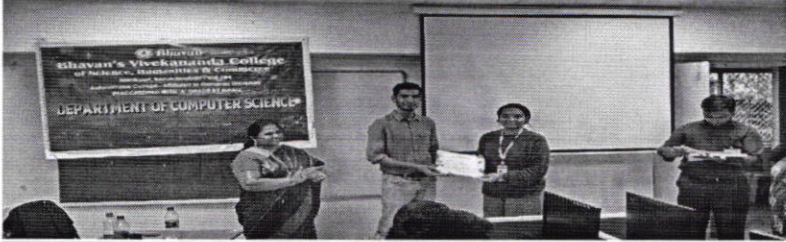
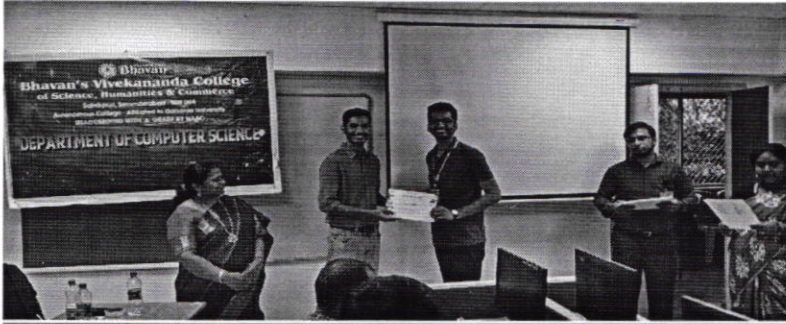


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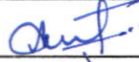






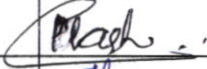

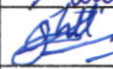
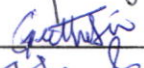






Good



Cyber Security in the age of AI

Attendance Sheet

S.No	Name	Sign
✓ 1	AKSHARA TIWARI	
✓ 2	AMPERAYANI VENKATA SAI DEVA VARSHINI	
✓ 3	ANKAM NEHA	
✓ 4	ATHARVA ASTHANA	
✓ 5	AYAPILLA PRATYUSH DHRUV	
✓ 6	B KASI VISHWANATH	B. Kasi
✓ 7	B. RAJASRI	B. Rajasri
✓ 8	BARADI SRI HARSHA	
✓ 9	BIRRU NAKSHATRA	
✓ 10	BONAGIRI SNEHA	B. Sneha
✓ 11	CHITTALA PRASANTHI	
✓ 12	DEV HIRANANDANI	
✓ 13	EDULA HARINI	Harini
✓ 14	EEGA AKHILA	Akhila
✓ 15	G. GURUNATH REDDY	Guru
✓ 16	GADHAVAJHALA SAI SWADHA	Swadha
✓ 17	GAURAV	
✓ 18	GOUDA MYTHRI	G. Mythri
✓ 19	GOWLIKAR GEETHA SRI	
✓ 20	HIMANSHU KUMAR	
✓ 21	JEMIMA CRYSTAL KUKUTLA	
✓ 22	JORRIGALA SWAPNA	
✓ 23	JYOTHI MALI	Jyothi
✓ 24	K SRI CHARAN	K. Sri Charan
✓ 25	KADAM SHEETAL	K. Sheetal
✓ 26	KARELLA ASHKA	K. Ashka
✓ 27	KOTTAITHU VISHAL	K. Vishal
✓ 28	KUNCHAPARTHI SAI HARINI	K. Saiharini
✓ 29	LODE TAKSHIL GOUD	Takshil
✓ 30	MOTAMARI SATHVIKA	





✓ 31	PATANGE PRUTHVEE	P. Pruthvee
✓ 32	PEDDINTI SAI SAMEER	P. Sameer
✓ 33	PERURI RAMYA SREE	P. Ramya
✓ 34	POORNA AMRUTHA VARSHINI DAMARAJU	P. Varshini
✓ 35	PUDI PREM SAGAR	P. Prem Sagar
✓ 36	PULUGAM ANJALI	P. Anjali
✓ 37	SAHASRA SAMUDRALA	S. Sahasra
✓ 38	SAI KEERTHANA PUTTA	S. Keerthana
✓ 39	SHERELA GOUTHAM GOUD	S. Goutham
✓ 40	SINGAMPALLI SRI HARINI	S. Sriharini
✓ 41	SRAVYA JOSYULA	S. Josyula
✓ 42	T RAKSHITH	T. Rakshith
✓ 43	THALLA BHAVANI YADAV	T. Bhavani Yadav
✓ 44	THATAVARTHI SRI CHARITHA	T. Charitha
✓ 45	UPPALURU S V N SANTHOSHA ROOPA	S. Santhosha Roopa
✓ 46	Y. SRI NEELIMA	Y. Sri Neelima



INDUSTRIAL VISIT REPORT

Name of the Organization: National Remote Sensing Centre (NRSC)

Location: Jeedimetla, Hyderabad

Date of Visit: 4th February 2026

Course: Bachelor of Computer Applications (BCA)

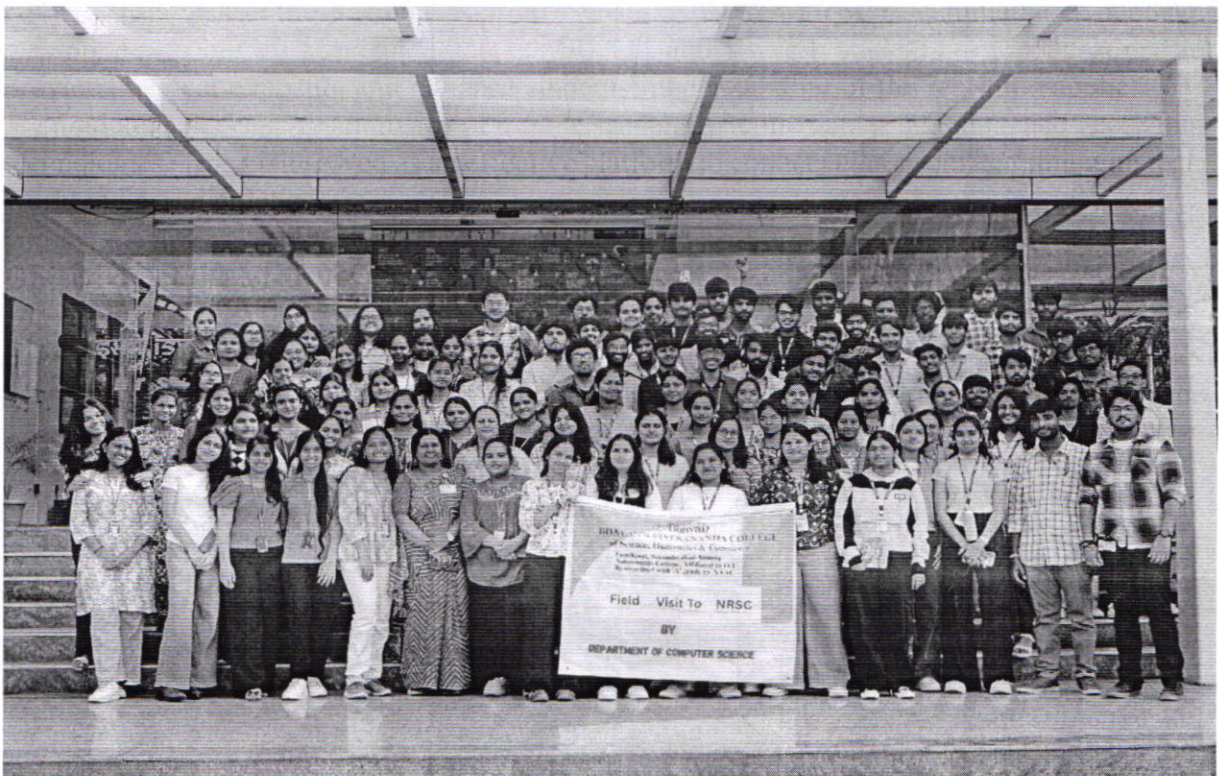
Year: II & III Year

Introduction

An industrial visit to the **National Remote Sensing Centre (NRSC)**, Jeedimetla, Hyderabad, was organized on 4th February 2026 for BCA II and III year students. The visit aimed to provide practical exposure and enhance students' understanding of the real-time applications of computer science in the domains of remote sensing, satellite data processing, and geospatial technologies. This visit served as an effective platform to connect classroom learning with real-world industrial practices.

Objectives of the Visit

- To gain practical knowledge of remote sensing and satellite data processing techniques
- To understand the role of computer applications and information technology in space science
- To expose students to professional industrial and research environments
- To motivate students toward emerging technologies and career opportunities in IT-related fields



Dr. Bhisradha

Arshi

Overview of NRSC

The National Remote Sensing Centre (NRSC) is a key centre under ISRO responsible for the acquisition, processing, storage, and dissemination of satellite data. NRSC supports several national-level projects in areas such as agriculture monitoring, disaster management, urban planning, environmental studies, and natural resource management. Advanced computing systems, data analytics, and GIS technologies play a vital role in its operations.

Activities During the Visit

The visit began with an informative orientation session conducted by NRSC scientists and technical experts. Students were introduced to the fundamentals of remote sensing, satellite systems, data transmission, and processing workflows. Live demonstrations of satellite image processing, GIS-based mapping, and data visualization techniques were showcased. An interactive session followed, where students actively engaged with experts by asking questions related to software tools, programming applications, data handling, and career prospects in the space and IT sectors.



Usefulness of the Visit for BCA Students

The industrial visit was highly beneficial for BCA students as it demonstrated the **practical application of computer science concepts** such as data processing, database management, visualization, and software systems in real-time space technology projects. Students gained exposure to how programming languages, algorithms, GIS software, and large-scale data systems are used to analyze satellite data. The visit also helped students understand interdisciplinary integration of computer applications with geospatial and environmental sciences.

This experience broadened their perspective on career opportunities beyond traditional IT roles and inspired them to explore advanced fields such as data analytics, geoinformatics, and remote sensing technologies.

Arati

Learning Outcomes

- Enhanced understanding of real-time applications of computer applications in satellite data analysis
- Knowledge of large-scale data processing and visualization techniques
- Awareness of emerging technologies and tools used in geospatial systems
- Improved understanding of industrial work culture and research environments

Conclusion

The industrial visit to NRSC, Jeedimetla, proved to be highly informative and enriching for BCA students. It effectively bridged the gap between theoretical concepts and practical implementation. The visit enhanced students' technical knowledge, motivated them toward advanced learning, and provided valuable insights into real-world applications of computer science.

Acknowledgement

The students and faculty sincerely express their gratitude to the officials and staff of the National Remote Sensing Centre (NRSC) for their guidance, support, and cooperation. Their efforts made this industrial visit a meaningful and memorable learning experience.



Dr. V. S. Pradha

Arabi

Sno	Full Name	Full Roll No.	Gender	Section and Year
1	Abhigyan Upadhyay	107224861001	Male	2A
2	A.harini	107224861003	Female	2A
3	ANURAG YADAV	107224861005	Male	2A
4	Preethi	107224861007	Female	2A
5	Bruhathi	107224861009	Female	2A
6	Nakshatra	107224861012	Female	2A
7	Vishwaja Bolloju	107224861016	Female	2A
8	Abhi	107224861019	Male	2A
9	D.bharath kumar	107224861022	Male	2A
10	D Sai Ganesh	107224861023	Male	2A
11	Dhruv Patel	107224861027	Male	2A
12	D. Venkatesh	107224861028	Male	2A
13	E.Akshay kumar	107224861029	Male	2A
14	Dravalika	107224861030	Female	2A
15	G.R.Shruthi	107224861031	Female	2A
16	G.Gurunath Reddy	107224861032	Male	2A
17	Habeeba Fatima	107224861035	Female	2A
18	Aradhana	107224861038	Female	2A
19	Manoj	107224861044	Male	2A
20	KOLIPAKA AKSHAY SURYA	107224861045	Male	2A
21	Naresh kumar Lingala	107224861048	Male	2A
22	M Sai Nitin	107224861049	Male	2A
23	K Santhosh	107223861044	Male	2B
24	Deepak	107224861024	Male	2B
25	Praneeth	107224861037	Male	2B
26	Raj	107224861051	Male	2B
27	Sowmya Nagnur	107224861054	Female	2B
28	Niharika Ghosh	107224861056	Female	2B
29	Pala Manish	107224861059	Male	2B
30	Rohini panchangam	107224861061	Female	2B
31	P.Shanvitha	107224861065	Female	2B
32	Dileep Pillamari	107224861067	Male	2B
33	P Jaya Ganesh	107224861068	Male	2B
34	Pooja Mishra	107224861070	Female	2B
35	Prabodh Umesh Gadre	107224861071	Male	2B
36	Punit	107224861072	Male	2B
37	Pushpanjali	107224861073	Female	2B
38	Rohit Rameshwar Sable	107224861076	Male	2B
39	Sanchita Maji	107224861077	Female	2B
40	Sanju Choudhary	107224861079	Female	2B
41	Sharada Ranjan	107224861081	Female	2B
42	Soma Meghana	107224861082	Female	2B
43	Sonali	107224861083	Female	2B
44	Sumith Subhane	107224861086	Male	2B
45	Chaitanya	107224861088	Male	2B

D. K. Kupadha

Arathi

92	Supriya	107223861096	Female	3B
93	Y.V.B. Deva Vrata	107223861098	Male	3B
94	Y. Shrishika	107223861099	Female	3B

Arati

Arati

46	Tanya singh	107224861089	Female	2B
47	Tumpiri Sai Surendra	107224861091	Male	2B
48	Mahesh	107224861097	Male	2B
49	Anisha	107223861004	Female	3A
50	Aparazitha	107223861007	Female	3A
51	Hrishita	107223861008	Female	3A
52	Azar Srihitha	107223861012	Female	3A
53	vaishnavi	107223861014	Female	3A
54	Cara Maria Roma Ravikanth	107223861020	Female	3A
55	Chilukuri Rushmitha	107223861022	Female	3A
56	Sahasra Reddy	107223861023	Female	3A
57	Shravani D	107223861025	Female	3A
58	Faaziyah Nargis	107223861027	Female	3A
59	Navya	107223861028	Female	3A
60	Gande Hemanth	107223861029	Male	3A
61	Ganta Saathvika	107223861030	Female	3A
62	Jemima Crystal Kukutla	107223861038	Female	3A
63	Jyothi Urade	107223861040	Female	3A
64	K.Bhanupriya	107223861041	Female	3A
65	K Likhitha Reddy	107223861042	Female	3A
66	Manda Sahithi	107223861052	Female	3B
67	Saieesh Ram	107223861055	Male	3B
68	Anas	107223861056	Male	3B
69	Sreeshanth	107223861057	Male	3B
70	N.V.Akshaya	107223861058	Female	3B
71	Nunelahiri	107223861059	Female	3B
72	Nagesh	107223861060	Male	3B
73	Nikhil TJ	107223861064	Male	3B
74	P Rishi Shankar	107223861066	Male	3B
75	Padala chaitanya	107223861067	Female	3B
76	Paida Srivishnu	107223861068	Male	3B
77	Pannem Nikhila	107223861069	Female	3B
78	Patnala Manikanta	107223861071	Male	3B
79	Bharath	107223861072	Male	3B
80	PULUGAM ANJALI	107223861077	Female	3B
81	Pushkar	107223861079	Male	3B
82	Lalitha	107223861080	Female	3B
83	Radha	107223861081	Female	3B
84	Ushasri	107223861082	Female	3B
85	Samudrala Sowmyasree	107223861086	Female	3B
86	Singamsetty Asritha Sai	107223861088	Female	3B
87	Sanvith	107223861089	Male	3B
88	Sujal	107223861090	Male	3B
89	Swapna kumari	107223861092	Female	3B
90	Thakur siddharth singh	107223861094	Male	3B
91	Aishwarya	107223861095	Female	3B

hrali

REPORT

Industrial Visit to INCOIS

Organised by: Department of Computer Science

Faculty Coordinator: Dr. K. Padma Priya

Course & Class: M.Sc. Computer Science – II Year

Date of Visit: 20/02/2026

Introduction:

The Department of Computer Science organised a one-day educational field trip for **34 M.Sc. Computer Science second-year students** to the Indian National Centre for Ocean Information Services (INCOIS) on 20th February 2026. The visit aimed to provide practical exposure to real-time research applications of computer science, especially coding, data analysis, Machine Learning (ML), and Deep Learning (DL) in oceanographic studies.

About INCOIS:

INCOIS is a premier research organisation under the Ministry of Earth Sciences, Government of India. It plays a crucial role in providing ocean-related information services such as Tsunami warnings, Ocean State Services (OSS), Potential Fishing Zone (PFZ) advisories, and marine data dissemination through applications like Samudra App.

Knowledge Gained During the Visit:

During the visit, scientists and technical experts explained how computer science and coding are deeply integrated into ocean research. Key learning points include:

- INCOIS uses advanced instruments and sensors deployed in oceans to measure parameters such as salinity, sea surface temperature, and ocean currents.
 - These instruments generate 5,000–6,000 data profiles per day, which are processed using Python programming.
 - Large-scale ocean data is analysed using Machine Learning and Deep Learning models to improve accuracy in predictions and early warnings.
 - Data from multiple instruments is integrated and synchronized to generate reliable ocean forecasts.
-

Research Services Explained:

The experts explained several major services provided by INCOIS:

- **Tsunami Early Warning System:** Uses real-time sensor data, simulations, and ML models to detect and predict tsunami threats.
 - **Ocean State Services (OSS / SOS):** Provides daily ocean condition forecasts useful for navigation, weather prediction, and disaster management.
 - **Potential Fishing Zones (PFZ):** Uses sea surface temperature and chlorophyll data to identify fish-rich areas, helping fishermen improve catch efficiency.
 - **Samudra App:** A mobile application that delivers ocean advisories and alerts directly to users.
-

Role of Coding, ML, and DL:

The visit clearly demonstrated how coding is central to scientific research at INCOIS:



- Python is widely used for data preprocessing, filtering, visualization, and automation.
- ML and DL models help in pattern recognition, prediction, and decision-making.
- A synopsis-based workflow is followed where raw data → processed data → model integration → service output.

Conclusion:

The field trip to INCOIS was highly informative and beneficial. It helped students understand the real-world application of computer science concepts such as programming, data analytics, Machine Learning, and Deep Learning in oceanography and disaster management. The visit motivated students to explore research-oriented careers where computing plays a vital role in solving real-life problems.

Visuals of the Field Trip:

This section presents selected photographs captured during the educational visit to Indian National Centre for Ocean Information Services (INCOIS) on 20/02/2026. These visuals document the interaction sessions, demonstrations of ocean monitoring systems, and group participation, highlighting the academic value of the visit.

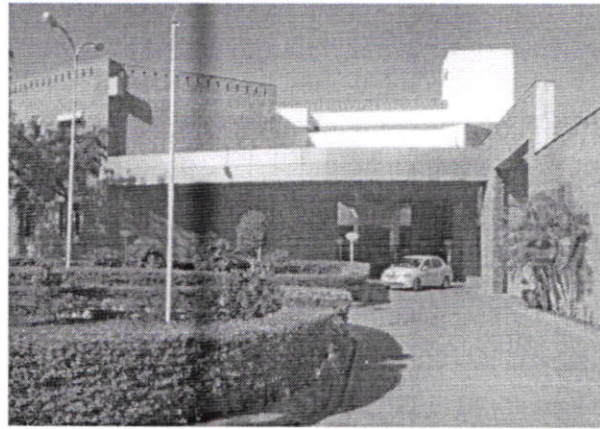


Figure 1: INCOIS

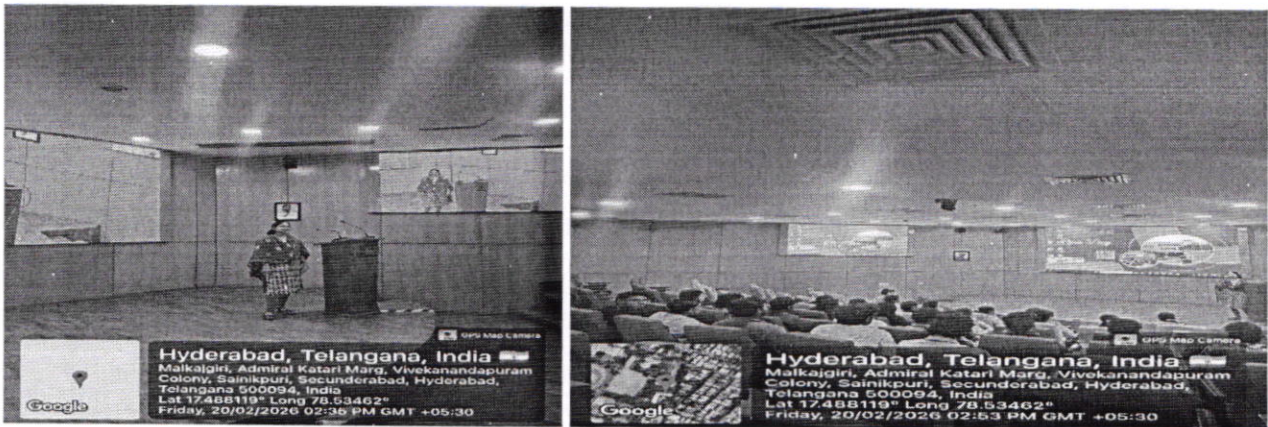


Figure 2 Orientation Session at INCOIS

Prath

BHAVAN'S VIVEKANAND COLLEGE

of Science, Humanities and Commerce

M.Sc (CS)- IV Semester 20-02-2026

INCOIS Industrial Visit

Sl.No	Roll Number	NAME of The Student	Signature
1	107224504001	ASRA ZAREEN	Asra
2	107224504002	BONAGIRI SAISREEJA	Sareeja
3	107224504003	CHERLA GANESH	Ch. Ganesh
4	107224504004	CHIRRA SRINATH	Srinath
5	107224504005	DUBBAKA PRIYANKA	D. Priyanka
6	107224504007	GARIMELLA SRI ANNAPURNA	G. Annapurna
7	107224504008	K ABHISHEK	K. Abhishek
8	107224504010	KALISSETTI SREEJA	K. Sreeja
9	107224504013	MASTI DIVYA	M. Divya
10	107224504014	METHRE RAVI KUMAR	M. Ravi Kumar
11	107224504015	MIRYALA MAHESH	M. Mahesh
12	107224504016	MODUKURI SAI ABHISHEK	M. Sai Abhishek
13	107224504017	MOHAMMED KALEEM UDDIN	M. Kaleem
14	107224504018	MYSA SHIVA SAIRAM	M. Shiva Sairam
15	107224504019	NAKKA PRANEETH	N. Praneeth
16	107224504020	NAREDLA SUKANYA REDDY	N. Sukanya
17	107224504021	NARLA VENKATESH	N. Venkatesh
18	107224504022	NEELA ANAND	N. Anand
19	107224504023	NOMULA MANASA	N. Manasa
20	107224504024	P LAXMI NARAYANA AKHIL	P. Akhil
21	107224504025	RASKACHULA SAI KUMAR	R. Sai Kumar
22	107224504026	SHAIK RASHEED BASHA	S. Rasheed Basha
23	107224504027	THOMALA SRI SAINADH	T. Sai Sainadh
24	107224504028	THOTA ARCHANA	T. Archana
25	107224504029	TOGITA GANESH GOUD	T. Ganesh Goud
26	107224504030	VELISHOJU PURNACHANDER	V. Purnachander
27	107224504031	YERRABOINA MANEESHA	Y. Maneesha
28	107224504032	ALIVA SAHU	A. Sahu
29	107224504033	BIKKI JAHNAVI	B. Jahnavi
30	107224504034	DASARI NAVYA SREE	D. Navya Sree
31	107224504036	KOYALAKONDA TEJA	K. Teja
32	107224504038	PAGIDIMARI ABHILASH	P. Abhilash
33	107224504039	YELURI POOJITHA	Y. Poojitha
34	107224504040	G CHANAKYA	G. Chanakya

Manish

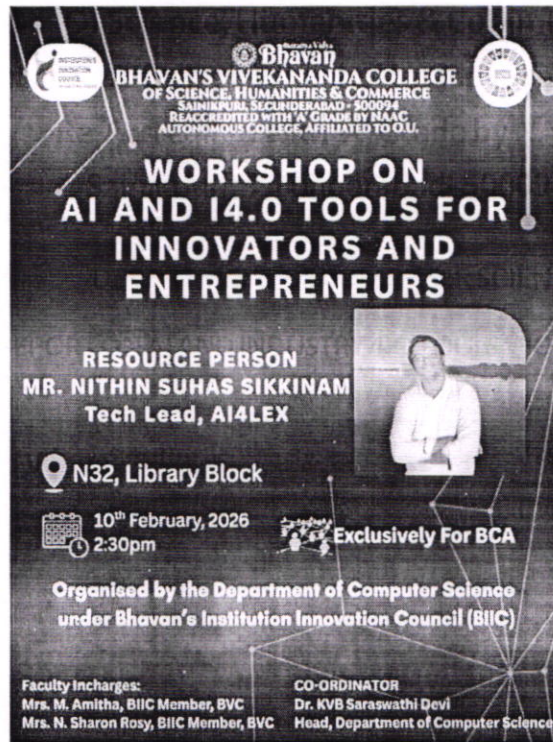
Bhavan's Vivekananda College
Of Science, Humanities & Commerce
Autonomous College-Affiliated to Osmania University
Re-Accredited with 'A' Grade by NAAC
Sainikpuri, Secunderabad- 500094

DEPARTMENT OF COMPUTER SCIENCE
REPORT ON AI AND INDUSTRY 4.0 TOOLS WORKSHOP

Date: 10 February, 2026

Time: 2:30 pm – 4:30 pm Venue:

Library Block

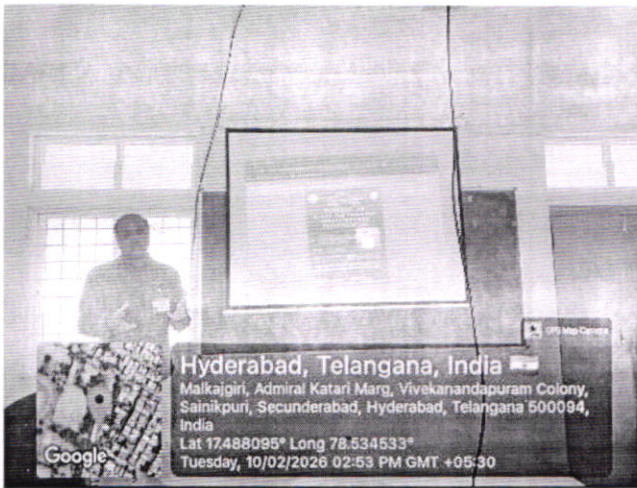


The poster features a dark background with white and light blue text. At the top, it displays the Bhavan logo and college name. The main title is 'WORKSHOP ON AI AND I4.0 TOOLS FOR INNOVATORS AND ENTREPRENEURS'. Below this, it lists the resource person as Mr. Nithin Suhas Sikkinaam, Tech Lead at AI4LEX, with a small portrait photo. The location is N32, Library Block. The date and time are 10th February, 2026, from 2:30 pm to 4:30 pm. It is noted as 'Exclusively For BCA'. The organizing body is the Department of Computer Science under Bhavan's Institution Innovation Council (BIIC). At the bottom, it lists faculty in-charges: Mrs. M. Amitha and Mrs. N. Sharon Rosy, and the co-ordinator: Dr. KVB Saraswathi Devi, Head of the Department of Computer Science.

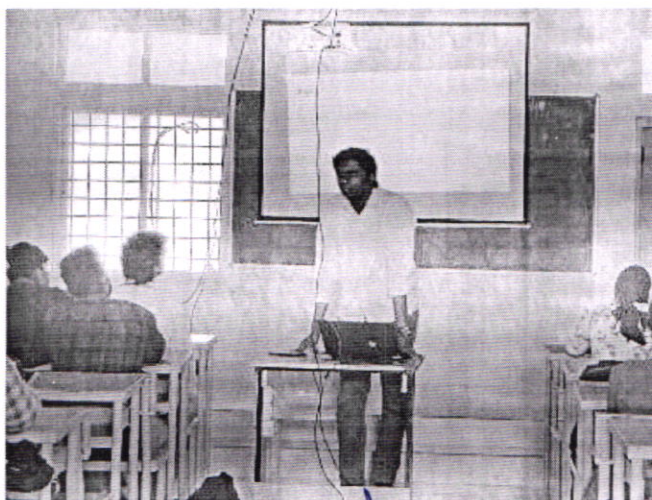
The Department of Computer Science, under Bhavan's Institution Innovation Council (BIIC), organized a workshop on 'AI and Industry 4.0 Tools for Innovators and Entrepreneurs' exclusively for **BCA students** on **10th February 2026** at the **Library Block**, commencing at **2:30 PM**. The workshop aimed to introduce participants to **emerging technologies and tools** relevant to innovation, entrepreneurship, and **industry-oriented applications**. The event was conducted successfully with 70 students, which received positive participation from all of them.

Amitha

Marion



The event began with an introduction to GPT-4 and system prompts. **Retrieval Augmented Generation (RAG)** was briefly discussed as an approach used to improve AI responses by retrieving relevant information from external data sources. The session also included an overview of **Claude Code as an AI-assisted coding tool** that supports faster and more efficient application development. In addition, **OpenClaw** was introduced as a tool used in agent-based workflows. A practical demonstration was conducted, during which a basic e-commerce website was developed using the Flask library in Python. Overall, the workshop was **highly insightful**, providing exposure to industry-relevant tools and concepts that are valuable for both academic learning and professional development.



Pratik

Student Participation:

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Report
National Science Day 25-26


 **Bhavan**
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
NATIONAL SCIENCE DAY-2026
WOMEN IN SCIENCE: CATALYSING VIKSIT BHARAT

QUIZTOPIA
THINK TECH • ANSWER SMART • MAKE IT COUNT

ORGANIZED BY THE DEPARTMENT OF COMPUTER SCIENCE
Open to B.Sc(MPCs,MECs,MSCs,HDS) & BCA Students

 **VENUE : N21A , LIBRARY BLOCK**

 **01 DAY 1 (21-02-2026) : ROUND 1(Q&A) & ROUND 2 (WRITTEN)**

 **02 DAY 2 (26-02-2026) : ROUND 3 (PHASE I & PHASE II)**

Faculty Coordinators :
Dr. K. Padma Priya
Course Coordinator
M. Sc. Computer Science

Mr. D.Ganesh kumar
Assistant Professor

STUDENT COORDINATORS :
M S. ABHISHEK
M. Sc. Computer Science
CONTACT NO-6300535812

V. PURNACHANDER
M. Sc. Computer Science
CONTACT NO-7660062931

RULES & REGULATIONS

- EACH TEAM MUST CONSIST OF EXACTLY TWO(2) MEMBERS.
- SPOT REGISTRATIONS ARE NOT ALLOWED. PRIOR REGISTRATION IS MANDATORY.
- TEAMS MUST REPORT TO THE VENUE AT LEAST 15 MINUTES BEFORE THE SCHEDULED TIME.
- TIME LIMITS WILL BE STRICTLY FOLLOWED IN ALL ROUNDS.
- THE USE OF MOBILE PHONES, SMARTWATCHES, OR ANY ELECTRONIC GADGETS IS STRICTLY PROHIBITED DURING THE QUIZ.
- ANSWERS GIVEN AFTER THE TIME LIMIT OR BUZZER WILL NOT BE CONSIDERED.
- ANY FORM OF MALPRACTICE OR INDISCIPLINE WILL LEAD TO IMMEDIATE DISQUALIFICATION.
- IN CASE OF A TIE, THE DECISION OF THE QUIZ MASTER WILL BE FINAL.
- MARKS ONCE AWARDED WILL NOT BE CHANGED.
- THE DECISION OF THE QUIZMASTER AND FACULTY INCHARGES IS FINAL AND BINDING.

REGISTER NOW

Event 1 : Knowledge Sharing program

Under the **Knowledge Sharing Program**, students actively participated in various technical courses conducted with the guidance and mentorship of senior students. Through this collaborative learning approach, they gained practical knowledge and hands-on experience in different domains. After completing the courses, the students developed innovative projects based on what they had learned.

On the occasion of **National Science Day**, these projects were formally presented, and a judgment process was conducted by expert faculty members to evaluate the quality, creativity, and technical depth of the work.

The domains included **Prompt Engineering, C Graphics, Advanced Web Development.**

A total of **76 students** participated, forming **36 teams/projects**. The domain-wise participation was as follows:

Prompt Engineering Projects: 18 students (7 teams)

Advance Web Development Projects: 44 students (24 teams)

C Graphics: 14 students (5 teams)

The projects were evaluated domain-wise by the following faculty members:

Advanced Web Development: K. Srinivasa Rao and Ch. N. V. Mallikarjuna Rao

Prompt Engineering: P. Srinivasa

C Graphics: Jalaj Kumar Panday

The evaluation ensured a fair and systematic assessment of projects, encouraging innovation, peer learning, and the development of scientific temperament among students as part of the National Science Day celebrations.

Event 2 : Quiztopia

On the occasion of National Science Day, the Department of Computer Science at Bhavan's Vivekananda College organized *Quiztopia 2026* under the theme "Women in Science: Catalysing Viksit Bharat." The event was open to students from all **Physical Sciences**, promoting interdisciplinary scientific knowledge and awareness.

A total of **33 teams** enthusiastically participated in Round 1 (Q&A) and Round 2 (Written). After a competitive preliminary stage, **10 teams qualified for Round 3**,



which was conducted in two phases. The rounds tested participants on fundamental concepts, recent scientific developments, and contributions of eminent scientists.

Following an exciting semifinal stage, **5 teams advanced to the finals**. The final round was highly engaging and competitive, demonstrating excellent subject knowledge, analytical skills, and teamwork.

In the concluding stage, **2 teams secured the First and Second positions** based on their outstanding overall performance.

Event 3 : B.Sc Projects

The B.Sc. Final Year Computer Science students (MPCS, MSCS, and MECS groups) of the 2025–26 batch at Bhavan's Vivekananda College successfully completed their semester-long academic projects as part of their curriculum.

A total of **45 students**, forming **11 project teams**, developed real-time applications and websites that demonstrated practical programming skills, database management knowledge, web/application development expertise, and exposure to Artificial Intelligence and Machine Learning concepts.

Among them, five projects stood out for their innovation and technical excellence:

1. **Sentinel: Intelligent Early Warning and Predictive Analytics System for Customer Churn**
2. **AI Driven Career Path Recommendation System**
3. **Traffic Accident Severity Prediction**
4. **Face Recognition Attendance**
5. **Universal Product Price and Quality Comparator**

Overall, the batch showcased strong technical competency, creativity, teamwork, and professional readiness.

Event 4 : B.C.A Projects

The B.C.A Final Year Computer Science students (2025–26 batch) of Bhavan's Vivekananda College successfully completed their semester-long academic projects as part of their curriculum.

A total of **95 students**, forming **48 project teams**, developed real-time applications and websites that demonstrated strong practical programming skills, database management knowledge, web and application development expertise, and exposure to Artificial Intelligence and Machine Learning concepts.

The projects were properly evaluated on **19th and 20th February 2026** by **Mr. K. Srinivasa Rao, Dr. G. Mahesh Kumar, Mr. T. Santosh, and Mr. D. Ganesh Kumar**, ensuring a fair and systematic assessment based on innovation, technical complexity, implementation, and presentation.



Among all the projects, the following five stood out for their innovation and technical excellence:

1. **SYNAPSE – Where Productivity Meets Academic Excellence**
2. **Guide-Bot: BCA Information Chatbot**
3. **AI Powered Education**
4. **The TeachReview**
5. **The Pack Insight**

Overall, the batch demonstrated commendable technical competency, creativity, teamwork, and professional readiness.

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BHAVAN'S VIVEKANANDA COLLEGE
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National Science Day 25-26

Name of the Department: Computer Science

Event Name: Knowledge Sharing Program Projects (Adv. Web Development)

Winners List:

Sl.No	Prize	Name of the Student	Roll Number	Class and section
1	I	Raghunathan jyothi krithika	107225861038	BCA 1A
		B. Varshita	107225861010	BCA 1A
2	I	M.Srinivas	107223468013	B.Sc MPCs 3
3	II	Staines Graham	107225861047	BCA 1A
4	II	Sagar Maurya	107225861042	BCA 1A

Mani

Name of the Department: Computer Science

Event Name: Knowledge Sharing Program Projects (Prompt Engineering)

Winners List:

Sl.No	Prize	Name of the Student	Roll Number	Class and section
1	I	Aahan	107225467060	BSC MSCS 1B
		Sushant	107225467079	BSC MSCS 1B
		Ankit	107225467061	BSC MSCS 1B
2	II	Charitha	107225546042	BSC HDS 1
		Jyothi	107225546020	BSC HDS 1
3	II	Yuktha	107224474026	BSC MECS 2
		Varshitha	107224474046	BSC MECS 2
		Bhavani	107224474020	BSC MECS 2

Mali

Name of the Department: Computer Science

Event Name: Knowledge Sharing Program Projects (C-Graphics)

Winners List:

Sl.No	Prize	Name of the Student	Roll Number	Class and section
1	I	Hamsika	107225467097	BSc MSCS -1b
		Akshitha	107225467085	BSc MSCS -1b
2	II	Austhosh	107225474024	BSc MSCS -1a
		Sai charan	107225474016	BSc MSCS -1a
3	II	S. Charitha	107224467039	BSc - MSCS -2
		Varsha Priya	107224467035	BSc - MSCS -2

krati

Name of the Department: Computer Science

Event Name: Quiztopia

Winners List:

<i>Sl.No</i>	<i>Prize</i>	<i>Name of the Student</i>	<i>Roll Number</i>	<i>Class and section</i>
1	I	Hastimal Kumawat	107223467075	B.Sc MSCs 3B
		N Sweta Shreedarsini	107223467080	B.Sc MSCs 3B
2	II	Jangam Pravallika	107225467011	BSC MSC'S 1A
		Jamalpur Akshitha	107225467012	BSC MSC'S 1A

Krishi

Name of the Department: Computer Science

Event Name: B.C.A Projects

Winners List:

Sl.No	Prize	Name of the Student	Roll Number	Class and section
1	I	R. Sree Lalitha	107225861080	B.C.A -3B
		V. Aadharam Supriya	107225861096	B.C.A-3B
2	II	Cara Maha Roma Ravikanth	107225861020	B.C.A-3A
		Faaziyah Nargis	107225861027	B.C.A-3A

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Autonomous College

***Bhavan's Vivekananda College
of Science, Humanities and Commerce***

Sainikpuri, Secunderabad-500 094

Autonomous College Affiliated to Osmania University

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The Management, Principal & Staff of BVC

In association with

IEEE-Nanotechnology Council-Hyderabad Section

Cordially invite you to the celebrations of

“National Science Day”

Theme: Women in Science: Catalysing Viksit Bharat”

On

28th February, 2026 at 10.00 am

Venue: Room No 71, Biochemistry Block

Invited Speakers

Dr. P. Chandra Shekar, MS, MBA, PhD

Technical Director- Ramoji Film City

Project Management Consultant – 7S Technologies

Dr. P. Pavan Kumar

Assistant Professor, Department of Physics

VNR Vignana Jyothi Institute of Engineering & Technology, Hyd.

Jointly organized by

Faculty of Life Sciences & Physical Sciences

Programme Overleaf



PROGRAMME

- ❖ *Lighting of the lamp*
- ❖ *Prayer*
- ❖ *Welcome to the guests with Plant hampers*
- ❖ *Overview of National Science Day by Dr.G.S.Mini*
- ❖ *Address by Principal*
- ❖ *Address by Invited speakers*
- ❖ *Report on National Science Day by Dr.S.Padma*
- ❖ *Distribution of prizes and certificates to prize winners*
- ❖ *Vote of thanks*



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National Science Day-2026

"Women in Science: Catalysing Viksit Bharat"

CERTIFICATE

This is to certify that Mr./Ms. _____,

student of B.Sc./B.C.A./M.Sc. (I/II/III Year), has secured the First prize/Second Prize / participated in the event

_____ at the National Science Day Celebration organized by the Faculty of Physical Sciences and Life Sciences on 28th February 2026.

Coordinator
National Science Day

Dr. G.S.V.R.K Choudary
Principal

Arabi

[Signature]



Bharatiya Vidya
Bhavan

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DEPARTMENT OF COMPUTER SCIENCE

is organizing

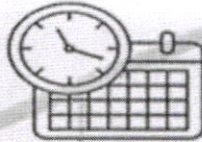
WEBINAR

on



DR. BHARAT BHUSHAN
ASSOCIATE PROFESSOR
SHARDA UNIVERSITY

**How to Structure Manuscripts and Avoid
Rejections from Top Journals**



Date & Time:

Date - 25/02/2026

Time - 1:30 - 3PM

Faculty Co-Ordinators

Dr.KVB Saraswathi Devi, Head, Department of CS

Dr. K. Padma Priya, M.Sc.(CS) Coordinator

Dr. V. Sreeprada, Assistant Professor

Kruti

REPORT

Webinar on “How to Structure Manuscripts and Avoid Rejections from Top Journals”

Organised by: Department of Computer Science

Guest Speaker: Dr. Bharat Bhushan, Associate Professor at Sharda University.

Date: 25 February 2026

Time: 1:30 pm -3:00 pm

Number of Participants: 36

Faculty Coordinators:

- Dr. KVB Saraswathi Devi – Head of the Department
 - Dr. K. Padma Priya – M.Sc. (CS) Coordinator
 - Dr. V. Sreeprada – Assistant Professor
-

Introduction:

The Department of Computer Science organised a webinar for M.Sc students on the topic “How to Structure Manuscripts and Avoid Rejections from Top Journals” on 25 February 2026. The webinar aimed to enhance student’s understanding of academic writing, research paper structure, and best practices required for publishing in reputed journals. The session was delivered by Dr. Bharat Bhushan, Associate Professor at Sharda University. The speaker shared valuable insights based on his academic experience and publication expertise.

Objective:

The main objective of the webinar was to guide the students on how to effectively structure research manuscripts and understand the common reasons for rejection in reputed international journals. The session aimed to enhance research writing skills and improve the chances of manuscript acceptance.

Key Concepts Discussed:

1. Choosing a Research Topic

The speaker explained the importance of selecting a novel, relevant, and research-worthy topic. Emphasis was given to identifying gaps in existing literature and aligning the topic with current research trends.

2. Types of Research Papers

The session covered different types of academic papers, mainly:

- Survey Papers – summarizing and analysing existing research
- Research Papers – presenting original research and findings

3. General Structure of a Research Paper

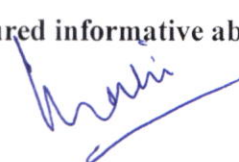
A standard research paper structure was explained, including abstract, introduction, literature review, methodology, results, discussion, and conclusion.

4. Abstract Writing

The speaker discussed abstracts based on:

- Content-based abstracts
- Organization-based abstracts (Structured and Unstructured)

Special focus was given to **unstructured informative abstracts**, highlighting clarity, conciseness, and completeness.



5. Introduction Section

The introduction must clearly answer:

- How does the paper fill the identified gap in scientific knowledge?
- Why does this gap need to be filled?

It was recommended that the introduction be written in **five well-defined paragraphs**, gradually leading from general background to the specific contribution of the paper.

6. Main Body of the Paper

- **Literature Review:** Critical analysis of existing work to justify the research gap
- **Proposed Model:** Clear explanation of the proposed approach, methodology, or framework

Outcome of the Webinar:

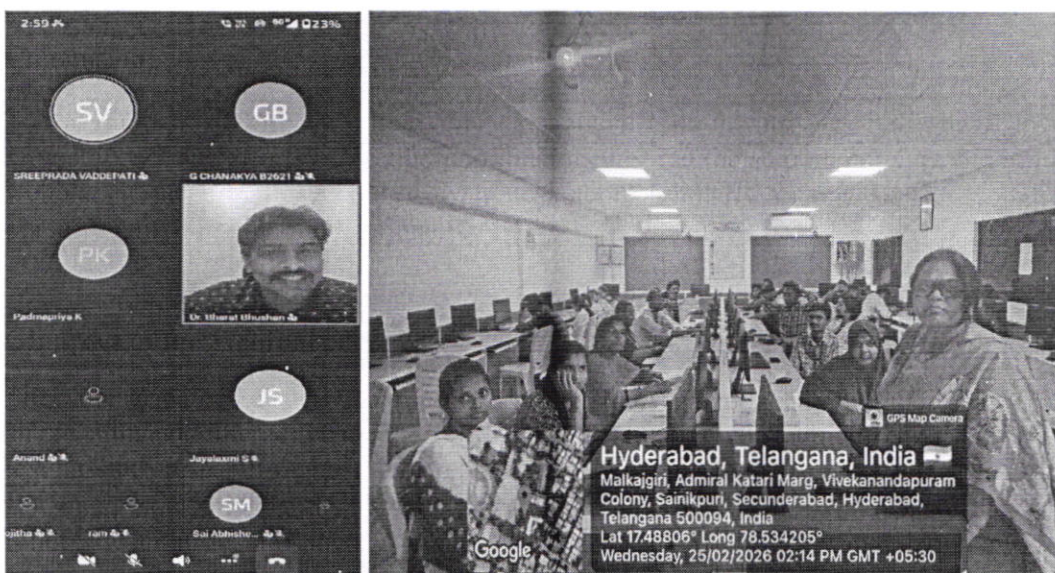
The webinar provided valuable insights into academic writing and journal expectations. Students gained a clear understanding of manuscript preparation, common mistakes leading to rejection, and strategies to improve research paper quality.

Conclusion:

The webinar was highly informative and beneficial for students, especially those involved in research and project work. The efforts by faculty coordinators ensured the smooth conduct and academic relevance of the webinar. It successfully enhanced awareness about scholarly writing standards and motivated students to pursue quality research publications.

Glimpses of the Webinar:

The webinar witnessed active participation from students and faculty members. The session was conducted in an engaging and interactive manner, with students attentively listening to the expert talk and gaining valuable insights into research manuscript preparation. The visuals capture the guest speaker delivering the lecture, students participating in the session, and the overall academic environment of the webinar. These glimpses reflect the enthusiasm of the participants and the success of the event in creating awareness about structuring high-quality research papers and avoiding common reasons for journal rejections.



Musrat



Bhavan's Vivekananda College
of Science, Humanities & Commerce
Sainikpuri, Secunderabad

M.Sc. (Computer Science) - I SEM & IV SEM

Webinar Participant List

Topic: How to Structure Manuscripts and Avoid Rejections from Top Journals

S.No	Roll No	Student Name
1	107225504001	ABAKAR ABDOULAYE ADAM
2	107225504002	G HARIHARAN
3	107225504003	GANAPATTI PAVANI
4	107225504004	GATEKADI SUBASH
5	107225504005	GOWLIKAR ANUDURGA
6	107225504008	KONDA NEERAJ
7	107225504012	NAINOL NIHARIKA
8	107225504013	NETHIKAR BHOOMIKA
9	107225504015	PONNALA VAMSHI
10	107225504016	RAJDEEP BASU
11	107225504019	TAMUNURU PAVAN KUMAR
12	107225504021	KRISHNA JEE PANDEY
13	107224504001	ASRA ZAREEN
14	107224504002	BONAGIRI SAI SREEJA
15	107224504003	CHERLA GANESH
16	107224504004	CHIRRA SRINATH
17	107224504005	DUBBAKA PRIYANKA
18	107224504007	GARIMELLA SRI ANNAPURNA
19	107224504008	K. ABHISHEK
20	107224504010	KALISSETTI SREEJA
21	107224504014	METHRE RAVI KUMAR
22	107224504015	M. MAHESH
23	107224504016	M S ABHISHEK
24	107224504019	NAKKA PRANEETH
25	107224504020	NAREDLA SUKANYA REDDY
26	107224504022	NEELA ANAND
27	107224504023	NOMULA MANASA
28	107224504025	R. SAI KUMAR
29	107224504026	SHAIK RASHEED BASHA
30	107224504027	THOMALA SRISAINADH
31	107224504028	THOTA ARCHANA
32	107224504030	VELISHOJU PURNA CHANDER
33	107224504031	YERRABOINA MANEESHA
34	107224504032	ALIVA SAHU
35	107224504034	DASARI NAVYA SREE
36	107224504040	G. CHANAKYA



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GYAN TARANGINI VYAKHYANAMALA

ORGANIZED BY
DEPARTMENTS OF
MICROBIOLOGY, COMPUTER SCIENCE, BIOCHEMISTRY & NUTRITION

KEY-NOTE SPEAKER

Prof. Sharmistha Banerjee

*Department of Biochemistry, School of Life Sciences,
University of Hyderabad*

DATE & TIME

02-04-2026, 10:00 AM

SPEAKERS

Prof. Nita Parekh

*Center for Computational Natural Sciences and Bioinformatics,
Indian Institute of Information Technology, Hyderabad*

INAUGURAL VENUE

MBA Block, Room No: 208

Mr. Krishnashastry Vankamamidi

*Senior Project Manager, Oracle CRM & MDM CoE,
Infosys, Hyderabad*

EVENTS

- Project Presentations
- e-Poster Presentations

COORDINATORS

Dr. K. Anuradha, HOD, Microbiology
Dr. K.V.B. Saraswathi, HOD, Computer Science
Dr. S. Padma, HOD, Biochemistry & Nutrition

Handwritten signature: K. Anuradha

Report

Gyan Tarangini Vyakhyanamala (GTVM) – 2026

The Gyan Tarangini Vyakhyanamala (GTVM) – 2026 was successfully organized on 2nd April 2026 at 10:00 AM in MBA Block, Room No. 208, by the Departments of Microbiology, Computer Science, and Biochemistry & Nutrition, Bhavan's Vivekananda College, Sainikpuri.

Inaugural Session

The program commenced with an inaugural session addressed by GpCapt (Retd) D. Ramanaiah, Hon. Secretary, BVB Sainikpuri Kendra, and Dr. G. S. V. R. K. Choudary, Principal, along with the Heads of the three departments. They highlighted the significance of GTVM in promoting **interdisciplinary learning, research orientation, and industry-academia collaboration.**

Keynote Address

The keynote lecture was delivered by Prof. Sharmistha Banerjee from the University of Hyderabad. The talk focused on **HIV**, covering its biochemical mechanisms, disease progression, and recent advancements in research and treatment, emphasizing the importance of **awareness and early diagnosis.**

Guest Lecture – Computer Science Stream

For the M.Sc. (Computer Science) students, a guest lecture was delivered by Mr. Krishnashastry Vankamamidi, Senior Project Manager, Infosys, on **“Artificial Intelligence in Practice: Industry Insights and Career Expectations.”** The session provided valuable insights into **real-world industry practices, essential technical skills, and career opportunities in AI.**

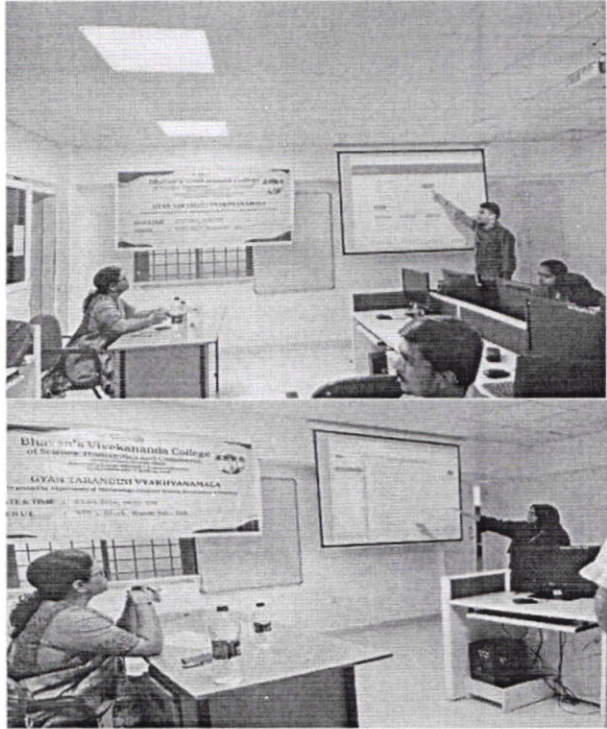
As part of GTVM 2026, the Department of Computer Science organized two major academic activities: **Project Presentations** for M.Sc. IV Semester students and **Poster Presentations** for M.Sc. I and II Year students. A total of **34 students presented 19 projects** in the Project Presentation session, demonstrating practical implementations in emerging technological domains. In addition, **22 students participated in the Poster Presentation**, showcasing their understanding of contemporary topics through creative and research-oriented visual presentations. Both activities aimed to enhance students' analytical thinking, technical proficiency, and presentation skills, while aligning academic learning with current industry trends.

Academic Activities

1. Project Presentations (M.Sc. IV Semester – Computer Science)

- Total Students Participated: 34
- Total Projects Presented: 19





2. Poster Presentations (M.Sc. I & II Year – Computer Science)

- **Total Students Participated: 22**
- **Total Prize Winners: 10**

The poster presentation aimed to encourage students to explore emerging technological domains. Topics included:

- Artificial Intelligence
- Generative AI
- Blockchain Technology
- Internet of Things (IoT)
- Data Centers
- Deepfake Technology
- LiFi Technology
- Decentralized Identity Systems

Students worked in teams and presented **visually engaging and conceptually strong posters**, showcasing innovative ideas such as AI-driven automation, sustainable technologies, and real-time data optimization.

Evaluation:

- **Dr. Esther Rani**, Vishwa Vishwani Institute of Systems & Management

The evaluator appreciated the students' **depth of knowledge, clarity, and ability to connect theory with real-world applications.**

Esther Rani

Students presented innovative projects in domains such as **Full Stack Web Development, Artificial Intelligence, Machine Learning, and Cyber Security**. The projects demonstrated strong practical implementation and problem-solving approaches.

Evaluation:

- **Dr. T. S. Savita** – Project Presentations
- **Dr. T. Esther Ratna** – Poster Presentations

Both evaluators appreciated the quality of work and provided constructive feedback.

Project Presentation – Prize Winners

First Prize

Full Stack Web Development

- R. Sai Kumar
- M. Mareesh
- Yerraboino Maneesha
- Bonagiri Sai Sreeja

AI & ML

- G. Chanakya

Second Prize

Full Stack Web Development

- M. S. Abhishek
- Aliva Sahu
- Garimella Sri Annapurna
- Dubbaka Priyanka

AI, ML & Cyber Security

- Methrie Ravi Kumar

Ratna

Poster Presentation – Prize Winners

M.Sc. II Year

First Prize

- M. Mahesh Kumar (10722504015)
- R. Sai Kumar (10722504025)

First Prize

- C. Srinath (10722504004)
- Shaik Rasheed Pasha (10722504026)

Second Prize

- G. Chanakya (10722504040)

M.Sc. I Year

First Prize

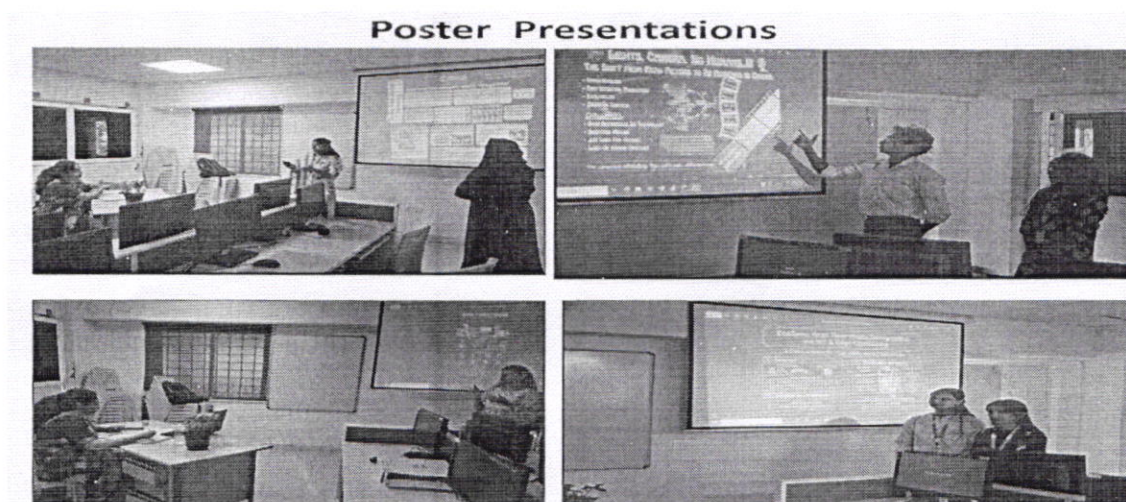
- Shashita (10722504014)

Second Prize

- Niharika (10722504012)
- Rajdeep (10722504026)

Second Prize

- Pavani (10722504003)
- Bhoomika (10722504013)



Valedictory Session

The valedictory session was conducted jointly for all three streams. **Dr. K. Anuradha**, Head, Department of Microbiology, presented the comprehensive report and announced the winners. Prizes were distributed to the best performers in both **Project and Poster Presentations**.

Coordination

The event was successfully coordinated by:

- **Dr. K. Anuradha** (Microbiology)
- **Dr. K. V. B. Saraswathi** (Computer Science)
- **Dr. S. Padma** (Biochemistry & Nutrition)

GTVM 2026 concluded successfully, achieving its objectives of fostering **interdisciplinary knowledge, research engagement, innovation, and industry interaction**. The event reflected the **enthusiasm of students and the dedicated efforts of faculty**, making it a meaningful academic experience.

Mahi

Pritya
15/4