Arakalagudu Varadarajulu Kanthamma College for Women, Hassan-573201

(Under the Auspices of Malnad Technical Education Society(R), Hassan
Affiliated to the University of Mysore)

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Department of Computer Application & BCA Association

Activities during the academic year 2024-25

Sl no.	Date	Event	Resource Person Name	Remarks
1.	30-07-2024	**One day Workshop**	**Prof. H N Shylaja, HOD Department of Computer Application & Prof. A N Shobha, Lecturer**	Organised a one-day workshop on**"Registering Student Application in UUCMS"** in the Digital Information Resource Centre Lab. No of faculty/students getting benefited: 15 **Presence:** Faculty and staff members of Department of Computer Application were attended.
2.	12-11-2024	**Educational Trip**	-	Organised a one-day trip to explore the application of computer science principles in real- world industrial operations. No of faculty/students getting benefited: 150 **Presence:** All BCA students and faculty members were attended
3.	01/03/2025 & 03/03/2025	**Industrial Visit**	-	Organised one day industrial visit to the Hassan Milk Federation (Dairy)for BCA students. No of faculty/students getting benefited:10 + 230 **Presence:** Faculties and all BCA Students of Department of Computer Application present.
4.	05-04-2025	**One day Webinar**	**Mr. Abhinav Devagupatapu, NxtWave,** Curriculum Development manager	Organized a one-day online workshop titled **"Gen AI Webinar."** No of faculty/students getting benefited:15 + 230 **Presence:** All BCA students and faculty members were attended.
5.	09-04-2025	**One day Workshop**	**Dr. Vinutha M R,** Navkis College of Engineering and **Dr. Nanditha B R,** Malnad College of Engineering	Organized a one-day workshop titled **"Unlocking the Power Of OS"** in College Auditorium. No of faculty/students getting benefited:15 + 250 **Presence:** All BCA students and faculty members were attended.
6.	11-04-2025	**One day Workshop**	**Prof. Mohan Kumar,** Former VC of SJMU Chitradurga **& Sujit Kumar, Founder-MindMatrix**	Organized a one-day workshop titled **"Build with AI – Intro to Gemini 2.0 Flash Edition"** at the College Auditorium. No of faculty/students getting benefited:15 + 230 **Presence:** All students of BCA and faculties of AVK college and also students and faculties of Govt.First Grade college for womenwere attended.

H.N. Shylaja
Head of the Department of
Computer Applications,
A. V. Kanthamma College for Women

AV KANTHAMMA COLLEGE FOR WOMEN, HASSAN
REPORT 2024-2025



Date	30-07-2024
Department/Association/Committee	**BCA Association**
Name of the Programme (Lecture/Speech/Competition etc..)	**Registering Student Application in UUCMS**
Resource Person/Chief Guest	**Prof. H N Shylaja,** HOD Department of computer application and **Prof. A N Shobha,** Lecturer
Topic	One day Workshop

Gist of the Programme: The Department of Computer Applications, in collaboration with the BCA Association, organized a one-day workshop titled **"Registering Student Application in UUCMS"** on 30th July 2024 in the Digital Information Resource Centre Lab.

The primary objective of the workshop was to equip faculty members with practical knowledge and technical skills essential for navigating and efficiently registering student applications through the Unified University & College Management System (UUCMS) portal.

The workshop was designed to be interactive and hands-on, enabling participants to engage directly with the UUCMS portal. The session included a complete demonstration of the registration process, addressed participant queries, and provided valuable tips for managing common challenges faced during application submissions.

Faculty members actively participated in the workshop, making it a productive and insightful experience. The Department expresses its sincere gratitude to all the attendees for their enthusiastic involvement and cooperation, which played a vital role in the success of the event.

Program Outcome:

The workshop was highly informative and engaging, offering faculty members a practical understanding of the UUCMS portal. The interactive format fostered active participation and enhanced the overall learning experience. Faculty members gained confidence in handling student application registrations, contributing to improved efficiency in administrative processes.

Presided By	Dr. S C Yatheeshwara, Principal, AVKC, Hassan.
Presence	Faculty and staff members of Department of Computer Application

Enclosures:

1. Invitation
2. Photos

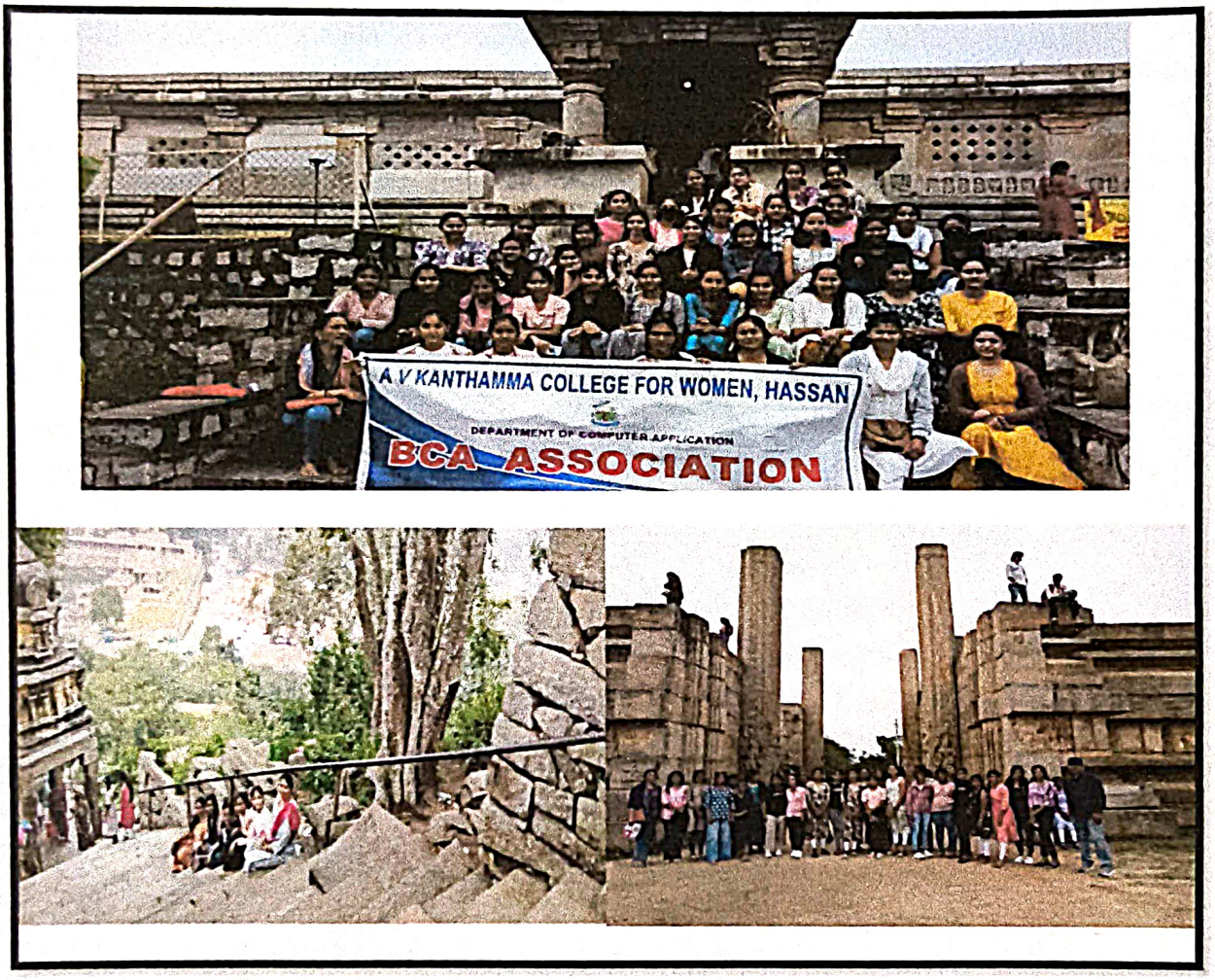
Principal
A.V. Kanthamma College for Women
Hassan.

Head of the Department of Computer Applications,
A. V. Kanthamma College for Women
HASSAN - 573 201

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A V KANTHAMMA COLLEGE FOR WOMEN, HASSAN

REPORT 2024-2025



Date	12-11-2024
Department/Association/Committee	BCA Association and Department of Computer Application
Name of the Programme (Lecture/Speech/Competition etc..)	**Educational Trip**
Topic	One day Trip

Gist of the Programme: On 12-11-2024, all BCA students visited a temple located in Aghalaya, K.R. Pete Taluk, Mandya District. We also visited the Sister's Pond and the Melkote Cheluvanarayana Swamy Temple. At Melkote, we saw a holy water source that highlights the spiritual significance of the temple. Additionally, we visited a sugar factory in Mandya, where we learned about the process of extracting and refining sugarcane juice. • To understand the end-to-end sugar manufacturing process. • To observe the integration of automation and IT systems in industrial settings. • To explore the application of computer science principles in real-world industrial operations. • To gain insights into the management and operational challenges of large-scale manufacturing units. **Program Outcome:** The visit was highly informative and provided students with a deeper understanding of sugar production, supply chain management, and quality control processes. It was a valuable learning experience that effectively bridged theoretical knowledge with real-world applications.	
Any other Information	Faculties and all BCA Students of Department of Computer Application present

Enclosures:
1. Photos

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REPORT 2024-2025



Date	**1/03/2025 & 3/03/2025**
Department/Association/Committee	BCA Association and Department of Computer Application
Name of the Programme (Lecture/Speech/Competition etc..)	**Industrial Visit**
Topic	One day industrial visit to the Hassan Milk Federation (Dairy)

Gist of the Programme: On 1st March 2025, the first-year BCA students, accompanied by faculty members Shobha A N, Suchitra S, and Netravathi , visited the dairy. The students observed various stages of milk processing, starting from the procurement of milk from farmers and individuals **to** quality testing at different checkpoints. They learned about pasteurization, packaging, and storage techniques. Additionally, they visited other processing units such as the ice cream and energy drinks manufacturing plants. On 3rd March 2025, the second and final-year BCA students, along with faculty members Sheetal, Likhitha, and Asfiya, also visited the dairy. They explored similar processes and gained insights into the technology and machinery used in dairy production. The visit was highly informative and gave students a better understanding of the dairy industry, supply chain management, and quality control processes. It was a valuable learning experience, bridging theoretical knowledge with real-world applications.	
Any other Information	Faculties and all BCA Students of Department of Computer Application present

Enclosures:

1. Photos
2. Memo

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AV KANTHAMMA COLLEGE FOR WOMEN, HASSAN
REPORT 2024-2025



Date	05-04-2025
Department/Association/Committee	**BCA Association**
Name of the Programme (Lecture/Speech/Competition etc..)	**Generative AI** (Gen AI) **Webinar**
Resource Person/Chief Guest	**Mr. Abhinav Devagupatapu,** NxtWave

Topic	One day online Workshop
Gist of the Programme: The Department of Computer Applications, in collaboration with the BCA Association, successfully organized a one-day online workshop titled **"Gen AI Webinar."** The primary objective of this initiative was to provide students with hands-on experience in Generative AI (GenAI), enabling them to understand real-world applications and create their own AI-powered Chabot. The workshop was led by Mr. Abhinav Devaguptapu, who delivered an engaging and insightful session on the growing significance of GenAI across various industries such as IT, finance, and customer service. Participants were guided through a step-by-step process to develop their own Chabot websites using AI tools, making the session highly interactive. All attendees received an AI Mastery Certificate, which can be added to their resumes and LinkedIn profiles to enhance their professional portfolios and employability. **Program Outcome:** The GenAI workshop was a successful initiative in raising AI awareness and skill development among students. It not only introduced them to emerging technologies but also provided a platform to confidently build and showcase their projects. Participants gained valuable hands-on experience with AI tools and development environments, fostering both learning and innovation. **No. of Participants:** All students of BCA.	
Presided By	Dr. S C Yatheeshwara, Principal, AVKC, Hassan.
Presence	All BCA students and staff members of Department of Computer Application

Enclosures:

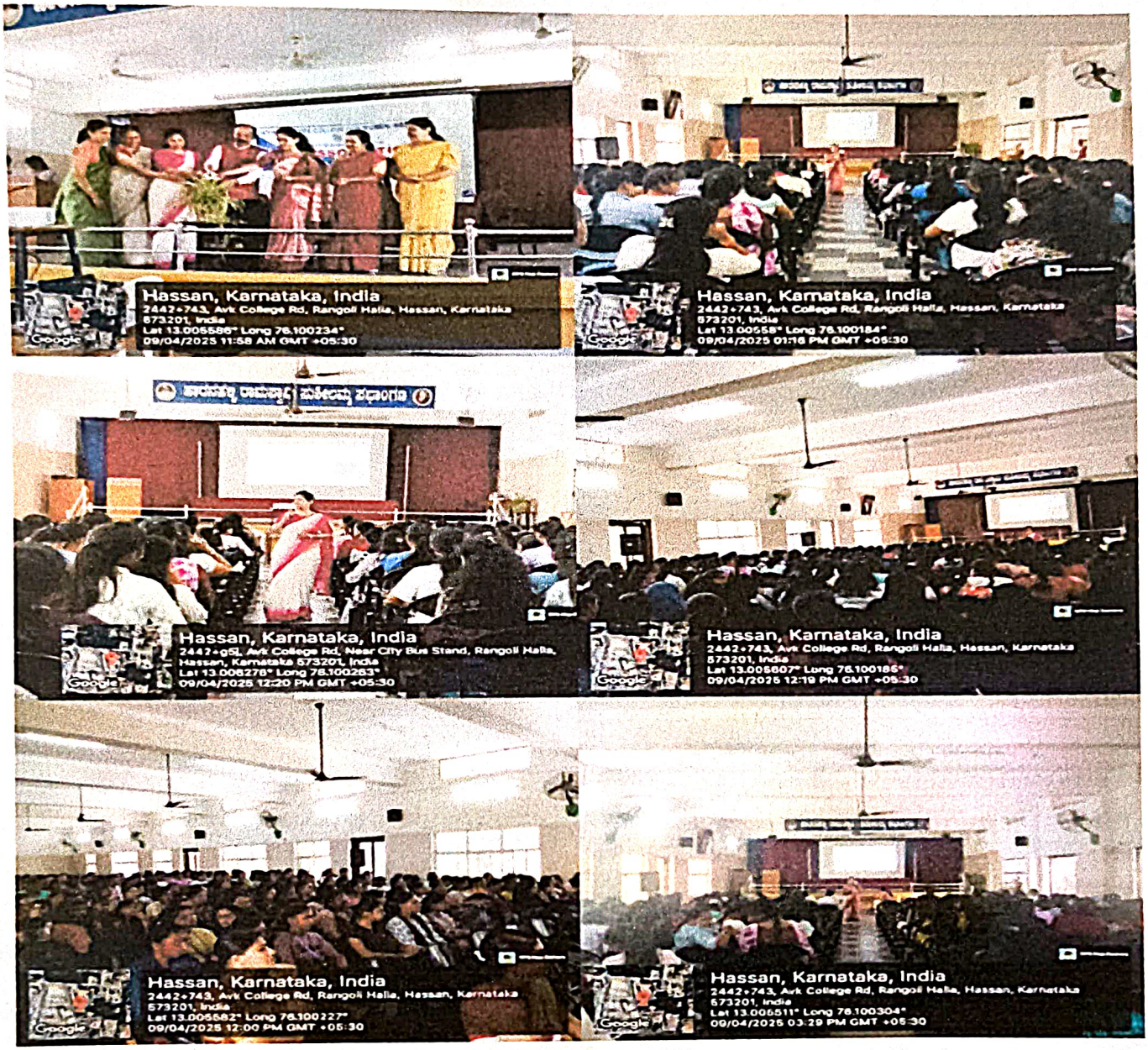
1. Invitation
2. Photos

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REPORT 2024-2025



Date	09-04-2025
Department/Association/Committee	**BCA Association**
Name of the Programme (Lecture/Speech/Competition etc..)	**Unlocking The Power Of OS**
Resource Person/Chief Guest	**Dr. Vinutha M R and Dr. Nanditha B R**
Topic	**One day Workshop**

Gist of the Programme: The Department of Computer Applications, in collaboration with the BCA Association, organized a one-day workshop titled **"Unlocking The Power Of OS"** in College Auditorium, A V Kanthamma College for Women, Hassan.

The workshop was a highly engaging and insightful event aimed at helping students explore the intricate world of Operating Systems. The session began with a powerful metaphor that compared an operating system to a silent orchestra conductor, a fitting analogy that set the tone for the entire workshop by highlighting the crucial role OS plays in harmonizing software and hardware.

The workshop was led by Dr. Vinutha M.R and Dr. Nanditha Ma'am, our esteemed mentors for the day. Their vast knowledge and experience in the field of computer science, particularly in Operating Systems, added immense depth and clarity to the session. The second half of the workshop featured the much-anticipated Hands-on Session, the highlight of the event.

During this interactive segment, students had the opportunity to apply the theoretical knowledge they had acquired. The mentors guided them through real-time exercises, demonstrating how operating systems manage processes, memory, and system resources.

The session was met with enthusiasm and active participation from students, who appreciated the chance to translate concepts into practice.

The workshop concluded on a high note, having successfully bridged the gap between theory and practice. It not only deepened students' understanding of Operating Systems but also inspired them to continue exploring the invisible engines behind the digital world.

Program Outcome:

The workshop proved highly informative and engaging, providing students with valuable insights into Operating System concepts and hands-on experience. As Leonardo-da Vinci once said, "Learning never exhausts the mind… it only ignites it further." This workshop certainly lived up to that idea.

No. of Participants: All students of BCA.

Presided By	Dr. S C Yatheeshwara, Principal, AVKC, Hassan.
Presence	All BCA students and staff members of Department of Computer Application

Enclosures:

1. Memo
2. Invitation
3. Photos

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REPORT 2024-2025



Date	11-04-2025
Department/Association/Committee	**BCA Association**
Name of the Programme (Lecture/Speech/Competition etc..)	**Build with AI**-Intro to Gemini 2.0 Flash Edition
Resource Person/Chief Guest	**Prof. Mohan Kumar,** Former VC of SJMU Chitradurga and **Sujit Kumar,**Founder-MindMatrix

Topic	One day Workshop

Gist of the Programme: The Department of Computer Applications, in collaboration with the BCA Association, organized a one-day workshop titled **"Build with AI – Intro to Gemini 2.0 Flash Edition"** at the College Auditorium, A.V. Kanthamma College for Women, Hassan.

The workshop was a highly engaging and insightful event aimed at helping students explore the intricate world of Operating Systems. It began with a powerful metaphor comparing an operating system to a silent orchestra conductor—an apt analogy that set the tone for the session by emphasizing the crucial role an OS plays in harmonizing software and hardware.

The workshop was led by **Prof. Mohan Kumar** and **Sujit Kumar**, our esteemed mentors for the day. With their vast knowledge and experience in computer science, particularly in Artificial Intelligence, they guided students through the basics of how AI can generate content such as text, images, and code. They also demonstrated the capabilities and real-world applications of Google's latest AI model.

The workshop aimed to introduce students and faculty to **Generative AI** through Google's cutting-edge platform, **Google Gemini**. It served as an awareness initiative under Google's **Generative AI Certificate Program**, enabling participants to gain foundational knowledge of this transformative technology.

Program Outcome:

The workshop proved to be highly informative and engaging, providing students with valuable insights into the basics of how AI can generate content such as text, images, and code, while also demonstrating the capabilities and real-world applications of Google's latest AI model.

No. of Participants: All students of BCA and faculties of AVK college and students and faculties of Govt. First Grade college for women.

Presided By	Dr. S C Yatheeshwara, Principal, AVKC, Hassan.
Presence	All BCA students and staff members of Department of Computer Application

Enclosures:

1. Memo
2. Photos
3. Other related documents

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