



Bharatiya Vidya  
**Bhavan**

## **BHAVAN'S VIVEKANANDA COLLEGE**

OF SCIENCE, HUMANITIES & COMMERCE  
SAINIKPURI, SECUNDERABAD- 500094

AUTONOMOUS COLLEGE, AFFILIATED TO OSMANIA UNIVERSITY

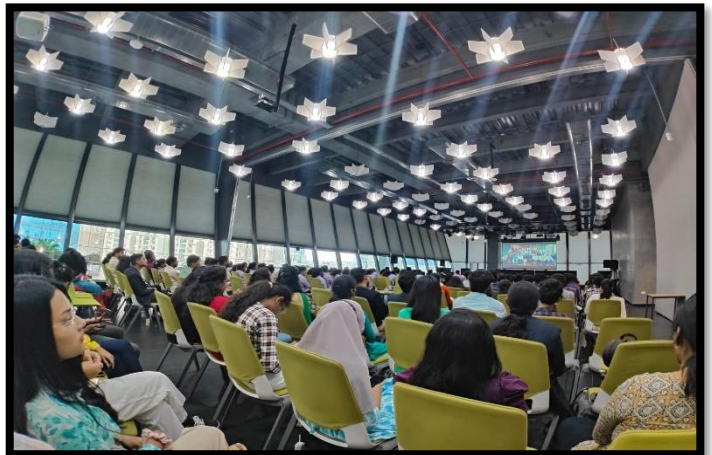
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### **REPORT ON INDUSTRIAL VISIT 2023**

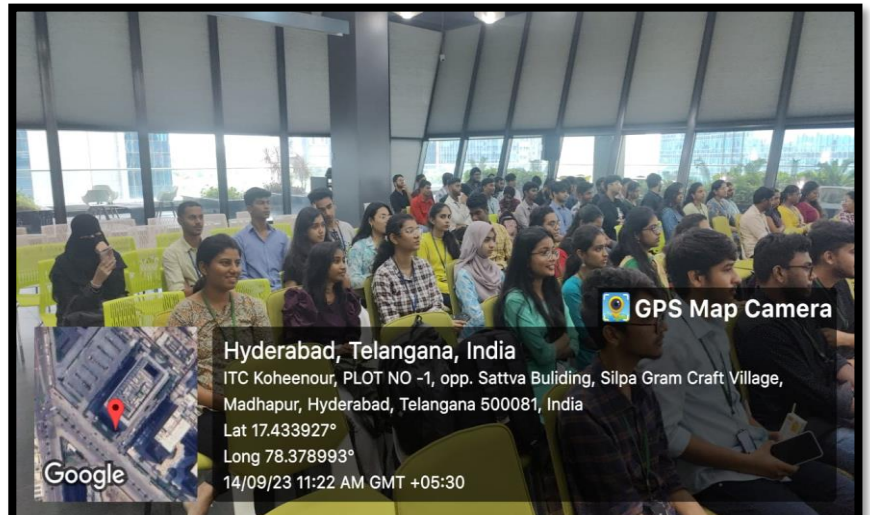
Date: 14<sup>th</sup> September, 2023

Venue: T-Hub, Gachibowli, Hyderabad

An industrial visit to T-hub, 2<sup>nd</sup> phase, Gachibowli was organized by the Department of Computer Science for the BCA 2<sup>nd</sup> and final years on 14<sup>th</sup> September, 2023. The visit aimed to expose students with the various opportunities they could be getting for their career and also to help them get real-time industrial exposure.



There were 100 students who participated in the industrial visit escorted by 4 faculty. The day began with the addressing by Mr. Srinivas Taluka, Vice President Facilities at T-Hub. He briefed about various activities and initiatives taken up by T-Hub and their institutes.



There were also brief talks given by budding entrepreneurs, like Mr. Sri Charan Lakka Raju, Founder of Student Tribe, who focused on how he engaged as an entrepreneur and what opportunities students have in this area. A talk was also given by Mr. Vivek and Ms. Rudhraksh, Founder of Brekrr, who also shared their experience about their startup.



The session was enriching and enlightening. All the students were then taken for a building tour to witness the entire working environment. The day ended with lunch provided by the T-Hub team. The day was very fruitful and knowledgeable.





  
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## Department: Computer Science

### Self- Governing Day

Self-Governing Day was organized by the FusionTech Club of the Computer Science Department under the effective guidance of Mr.G.MaheshKumar and Ms.S.JayaLaxmi on 02-09-2023. The aim of the "Self-Governing Day" was to equip or encourage experimental learning techniques. Additionally, the aim of this event is to make the students bold and help them understand how they conduct themselves professionally, if they were educators themselves in Preparing them towards their future goals.



The event featured students from BCA I, II and III, each paired with a designated concern teacher. Below is a table summarizing the participating students, their respective concern teachers, the classes they conducted, the subjects taught, and the tools used for teaching:

Student's name	Concern teacher's name	Classes taken	Subjects taught	Tools used for teaching
Reema Kashmiri	Ms.K.V.B.Saraswathi	BCA 1A	Programming in C	Static model created using thermocol, conducted few fun activities for selection sort and bubble sort. Conducted oral quizzes.
Suha Noureen	Ms.S.Jayalaxmi	BCA1A	Introduction to web technologies	PPT, practical codes(project), oral quizzes
Adep Ajay	Mr.k.Naveen kumar	BCA1B	Introduction to Web Technologies	Live examples with oral quizzes
S. Siddharth	Ms. K.Padmapriya	BCA1B	Programming in C	Google Form, example using students to explain 1D and 2D arrays.
Pushyaarag. C	Mr.S.Naveen Kumar	BCA1B	Introduction to Web Technologies (Lab)	Explained with codes using systems in the computer lab.
M. Vijayalakshmi	Ms.B.Divya Rekha	BCA2	Database Design	PPT
Sethu	Ms. Sharon Rosy	BCA2	Operating Systems	PPT, Google Form
Maanya	Ms. S.Jayalaxmi	BCA3	Object Oriented System Design	PPT
Shoeb Khan	Mr.G.Mahesh Kumar	BCA3	ASP.NET	White board and pc for practical representation in computer lab.
Naseema	Ms.B.Divya Rekha	BCA3	Software Quality & Testing	PPT
Joice	Ms.K.Padmapriya	BCA3	Data Mining	PPT and white board
Vishnu Vardhan	Ms.B.Vijetha	BCA2	Java programming	PPT

## Tools/Mechanisms Used for Teaching

The tools and mechanisms used by the student teachers during the event can be categorized into three main areas: Model Building, Experiential Learning, and ICT (Information and Communication Technology) tools.

### Model Building:

- Utilized **thermocool models** for sorting algorithms and oral quizzes.



### Experimental Learning:

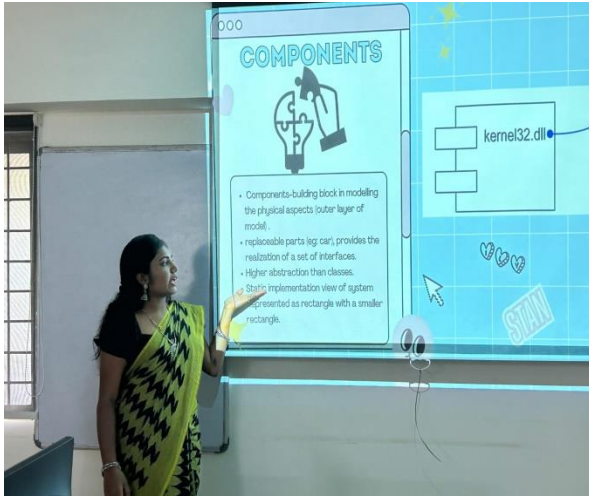
- Conducted lab sessions with practical code examples.
- Conducted oral quizzes.
- Employed student-involved demonstrations for 1D and 2D arrays.





### **ICT Tools:**

- Effectively used **PowerPoint presentations (PPT)** for conveying database design, Object-Oriented System Design, Software Quality and Testing, and Java Programming, Data Mining.
- Utilized **Google Forms** for interactive quizzes in the case of operating systems.
- Demonstrated ASP.NET concepts with **whiteboards** and PCs.



## Outcome of the event

The "Self-Governing Event" proved to be a resounding success, achieving several noteworthy outcomes:

- 1. Enhanced Teaching Skills:** Participating students gained valuable experience and improved their teaching skills by conducting classes. They learned to communicate complex concepts effectively, engage students through interactive methods, and adapt their teaching styles to different subjects and audiences.
- 2. Peer Learning:** The event encouraged peer learning as students shared their teaching experiences, challenges, and successes. This collaborative atmosphere fostered a sense of community and support among participants.
- 3. Inspiration for Future Educators:** Several students expressed an interest in pursuing teaching as a career after experiencing the event, highlighting the event's success in inspiring future educators.



4. **Exposure to Teaching Tools:** Students were exposed to a variety of teaching tools and mechanisms, including model building, experimental learning, and ICT tools. This exposure enriched their pedagogical toolkit and prepared them for future teaching roles.

5. **Increased Empathy for Teachers:** Through this experience, students gained a deeper appreciation for the challenges and responsibilities that teachers face on a daily basis. They developed empathy for educators and a better understanding of the efforts required to impart knowledge effectively.

The event ended with a valedictory session in which all the students participated in the event were felicitated.



In conclusion, the "Self-Governing Day" not only provided students with an opportunity to experience the role of teachers but also imparted valuable teaching skills, empathy, and exposure to teaching tools. It served as a testament to the importance of hands-on experiential learning in preparing future educators and promoting a culture of continuous learning and growth.



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### REPORT ON E-WASTE AWARENESS DRIVE



The Fusion Tech club, under the Department of Computer Science had organized an intra college event named "Erase your E-Waste" from 5<sup>th</sup> August, 2023 to 9<sup>th</sup> September, 2023(only on Saturdays) in collaboration with Green Campus Program, NCC, NSS, BSG and YRC units of the college.

The Aim of this event was to spread awareness about E-waste management in order to persuade individuals regarding ethical e-waste disposal.



Students and Faculty from various departments deposited their electronic trash into the box, that was put up near IT Block.

A large amount of e-waste, that typically comprised of old computer displays, motherboards, mobile phone, earphones, mouse, keyboards, etc., was collected.





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### **REPORT ON BUG BASH 2023**



The Fusion Tech club, under the Department of Computer Science had organized an intra college technical event named “BUGBASH 2023” for all the UG students on 5<sup>th</sup> August 2023 at library block from 2:30pm to 4:30pm. It is a code debugging event where participants are given programming challenges of different coding languages like C, C++, Java, Python and HTML to solve and sharpen their coding skills.

The Event was promoted through Instagram using posters as well as class-to-class announcements done by PR team. Registration links were sent through flyers across various class groups and On-spot registration was also done. A total of 29 teams had registered from various programs like B.Com, B.Sc.(Life Science), B.Sc.(Physical Science), B.A, B.B.A and BCA.

The event consists of 3 rounds:

#### **Round 1**

It was a quiz round that included question related to codes of any programming languages with errors. Each team of 3 participants will be given a choice to choose 1 question and identify the error within a set of time limit. A total of 10 points(5 for identifying the error and 5 for correcting the error) were awarded. Based on the points and time taken to identify and correct the error, the teams were shortlisted for the next round.



## Round 2

This round began with 18 teams qualifying from round 1. In this round, a set of 3 questions of the programming language, chosen by them were assigned to every teams. Participants should solve the errors within a given set of time. Based on the time consumed and number of programs solved, the teams were qualified to round 3. At the end of this round, top 10 teams were qualified to round 3.



## Round 3

This round began with 10 teams qualifying from round 2. In this round, 2 concepts of programming language- HTML and SQL are given as choice where the teams will be assigned with one question of any one of the concepts to solve within a given set of time. In SQL, a table and set of queries were assigned to solve and In HTML, teams were provided with a set of codes with errors to solve and had to match the sample output which was provided along with the HTML code.



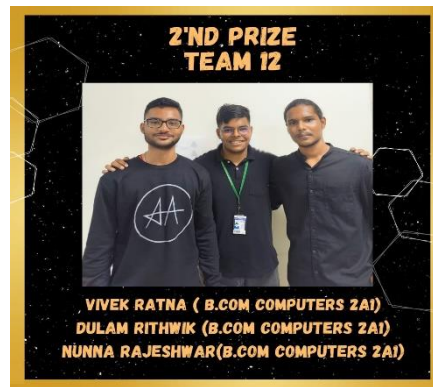
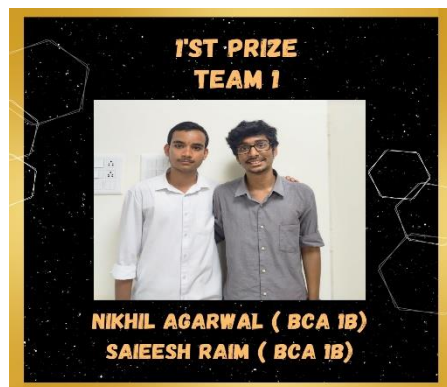
Mr. N. Bhaskar, Head, Department of Computer Science applauded the team's participation and performance and concluded the event by also announcing the winners.

## Winners of the event:

1<sup>st</sup> position(Team 1): Nikhil Agarwal, Saiesh Ram from BCA-IB

2<sup>nd</sup> position(Team 12): Vivek Ratna, Dulam Rithwik, Nunna Rajeshwar from B.Com Computers 2A-1

3<sup>rd</sup> position(Team 19): Srividhya, Vijaylaxmi, Akshitha from B.Sc. MPCs 2A





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## **REPORT ON WORKSHOP ON TECHNOLOGY LEARNING IN PROJECT MANAGEMENT**

**INSTITUTION'S INNOVATION COUNCIL**  
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**FUSIONTECH**

BHAVAN'S INSTITUTION INNOVATION COUNCIL  
IN ASSOCIATION WITH FUSION TECH CLUB  
UNDER THE DEPARTMENT OF COMPUTER SCIENCE  
IS ORGANIZING A

**WORKSHOP**  
ON  
**TECHNOLOGY LEARNING IN  
PROJECT MANAGEMENT**

**MR. NAGARAJ SADHU**  
VICE PRESIDENT - FUNCTIONAL &  
INDUSTRY INTELLIGENCE, ACCENTURE

ROOM NO 208, SEMINAR HALL, MBA BLOCK  
📅 24 JUNE 2023 | 10:00AM - 11:30AM 🕒

EVENT COORDINATORS:  
MS M AMITHA,  
LECTURER, DEPT. OF COMPUTER SCIENCE  
MS N SHARON ROSY  
LECTURER, DEPT. OF COMPUTER SCIENCE

The Fusion Tech club, under the Department of Computer Science had organized a workshop on technology learning in project management on 24<sup>th</sup> June,2023 in association with Bhavan's Institution Innovation Council. The Speaker for the workshop was Mr. Nagaraj Sadhu, Vice President, Functional and Industrial Intelligence, Accenture. The event began with welcoming all the dignitaries to grace the dais.



Ms. M. Amitha, Assistant Professor, Department of Computer Science, BIC Member gave a brief information about BIC [Bhavan's Institution Innovation Council]. This was followed by appreciations

and blessings by Mr. N. Bhaskar, Head, Department of Computer Science and Mr. G. Mahesh Kumar, Co-Ordinator, BCA and Fusion Tech.



The Guest Lecturer, Mr. Nagaraj Sadhu explained about the various stages of project management life cycle and also the roles and responsibilities of functional and technical teams. The lecture also discussed about the market trends in technology learning, Financial and accounting tools and ERP usage. The challenges faced in the competitive market were also shared with the students.



After his lecture, there was a question-and-answer session, during which the students raised questions and also had them answered. At the end of the workshop, students gave their feedback and explained how they were benefited.



Mr. Nagaraj Sadhu, Vice President, Functional and Industrial Intelligence, Accenture was given a memento as a token of our appreciation. The program ended with vote of thanks by Ms. Sharon Rosy, Lecturer, Department of Computer Science and BIIIC Member. Students felt that the session was more informative and interactive. There were around 60 students who attended the workshop and made it a great success.







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## REPORT ON BCA DEPARTMENT INDUCTION PROGRAM [DAY-2]

The poster is for the 'IGNITE' program by FusionTech. It features the Bhavan's Vivekananda College logo at the top. The main title 'IGNITE' is in large yellow letters, with 'FUSIONTECH' in a smaller font to the left. Below the title, it says 'IGNITE THE SPARK WITHIN, AND LET YOUR JOURNEY BEGIN'. There are two circular portraits of speakers: Dillip Kumar Patro, Senior System Engineer, and Nikhilesh Chary, eDiscovery Professional. The date is '23<sup>rd</sup> June 2023' and the start time is 'STARTS FROM 10 AM'. The venue is 'Library block 3rd floor room no 3'. Faculty incharge are Ms S Jayalaxmi and Ms N Sharon Rosy. Student incharge is Adep Ajay Jyoshna Thouti. The Instagram handle '@Fusiontech\_' is at the bottom.

The Fusion Tech club, under the Department of Computer Science had organized 2<sup>nd</sup> day of Departmental Induction program for BCA first year students for the academic year 2023-24 on 23<sup>rd</sup> June, 2023. The program began with welcoming all the first-year students and the dignitaries, followed by appreciations and blessings by Mr. N. Bhaskar, Head, Department of Computer Science and Ms. K. Padmapriya, Lecturer, Department of Computer Science.



**Mr. Dillip Kumar Patro, Senior System Engineer, one of our Alumni student of B.Sc. spoke about the importance of projects in our career and also introduced about android. The alumni talk was followed by a question-and-answer session, during which the students raised questions and also had them answered.**



**Ms. Vinaya SriKrishnan and Ms. Deekshita, Alumni student of B.Sc. shared their experience as a bhavanite and motivated our students.**



**There were a few fun activities conducted for BCA first year students.**



**Mr. Nikhilesh Chary, E Discovery Professional, Alumni student of BCA enlightened our students and provided few tips to succeed in life. He also conducted few relaxation games and exercises for all students and faculty and this was followed by a question-and-answer session, during which the students raised questions and also had them answered.**



**The program ended with vote of thanks by Digvijay Shelar, Student of BCA, Member of Fusion Tech Club. There were around 60 students who participated in the 2<sup>nd</sup> day of induction program and made it a great success.**





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## **REPORT ON BCA DEPARTMENT INDUCTION PROGRAM**

The Fusion Tech club, under the Department of Computer Science had organized a Departmental Induction program for BCA first year students for the academic year 2023-24 on 22<sup>nd</sup> June, 2023. The program began with welcoming all the first-year students and the dignitaries, followed by appreciations and blessings by Dr. G. S. V. R. K. Choudary, Principal BVC, Mr. N. Bhaskar, Head, Department of Computer Science, Ms. K. V. B. Saraswathi Devi, Senior Faculty, Department of Computer Science and Mr. G. Mahesh Kumar, Co-Ordinator, BCA and Fusion Tech.



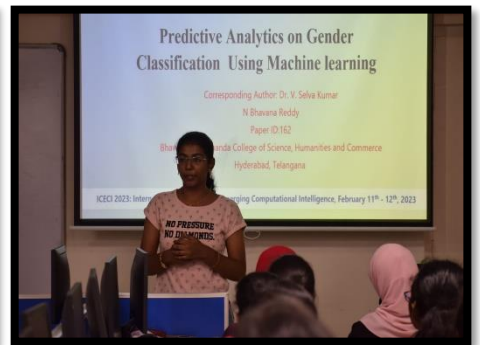
A glimpse of departmental activities conducted so far was presented by Mr. G. Mahesh Kumar.



Ms. K. Padmapriya, Lecturer, Department of Computer Science introduced about the knowledge sharing program. She briefed the various activities that were conducted and also about the projects developed by the students so far.



**D. Abhinav Vardhan and M. Vijayalakshmi, Students of BCA, Members of Fusion Tech club, demonstrated the projects developed by them during the academic year 2022-23. An Alumni student of B.Sc., explained her project and spoke about the importance of projects in their career.**



**The Fusion Tech club introduction was given by Ms. S. Jaya Laxmi, In charge, Fusion Tech club. A video was played on the glimpse of Fusion Tech club.**

**The program ended with vote of thanks by Ms. B. Divya Rekha, Lecturer, Department of Computer Science. There were around 50 students who participated in the induction program and made it a great success.**

