



Seshadripuram Educational Trust

SESHADRIPURAM COLLEGE

27, Nagappa Street, Seshadripuram, Bengaluru — 560 020

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NAAC Grade : A++



SCIENCE WORLD

2024-2025

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STUDENTS CORNER



PHOTO GALLERY

From the PRINCIPAL'S DESK



“

I am extremely happy that the new issue of Science World is ready for release. The Department of Computer Science and Post Graduate Department of Computer Applications have done well in the last year, in terms of increase in intake, the activities conducted, the results and the placements. The students are carving out a distinct identity which is to be appreciated and nurtured. One important element of this identity is giving students the platform and the encouragement to go beyond the university curriculum and explore new developments in their chosen field of study.

I congratulate Smt. Sowmya B. S. and other members of the Editorial Board on their excellent effort. I am also happy that this issue, like the previous one, is being brought out largely as an e-journal hosted on the college website. I am confident that Science World will continue to grow with sustained excellence in the coming years.

Maj Dr. Anandappa .I
Principal

”



EDITORIAL DESK

Sowmya B. S.

Editor | Assistant Professor

“

The Pragnya Science Forum at Seshadripuram College had a remarkable academic year (2024-25). The forum worked with the Post Graduate Department of Computer Applications and Department of Computer Science. This fostered a stimulating environment for students to explore science and technology.

The goal was to create opportunities for interaction and learning beyond the curriculum. This was achieved through various activities, showcasing the talent and innovation within the student community.

Interclass Competitions allowed students to enhance their critical thinking, problem-solving, and subject knowledge. The participants displayed enthusiasm and healthy competition.

The Intercollegiate IT Fest, Incognito 2024-25, brought together bright minds from different institutions. It help them to cultivate teamwork and leadership skills through group activities.

The magazine has recorded the academic activities conducted from The Post Graduate Department of Computer Applications and Department of Computer science of the year.

The success of the forum was made possible by many individuals. Things become easy because of trust and guidance of Dr. Veena R. and Prof. Rajeswari V and a special thanks for all time supporting teaching and non teaching faculties of Post Graduate Department of Computer Applications and Department of Computer Science for their valuable inputs . The Principal Dr Anandappa.I support was also greatly appreciated. Finally, I thank our esteemed management's support for providing essential resources for student engagement.

The Pragnya Science Forum is committed to empowering students, promoting innovation, and offering an enriching learning experience. Truly hope the pages that follow will make an interesting read.

”

EDITORIAL COMMITTEE

Editor-in-Chief

Maj Dr. Anandappa .I

Student Editorial Team

Chethan V.

Vani V.

Kusuma T.



REPORT SECTION

DEPARTMENT ACTIVITIES

MCA DEPARTMENT ANNUAL REPORTS

POOJA AND INAUGURATION OF PG BLOCK (14-2-2024)



On the auspicious morning of 14th February 2024, Seshadripuram College witnessed a momentous occasion with the Pooja and Inauguration ceremony of the Post-graduate block. The event commenced at 9:00 am and was graced by the presence of Nadoja Dr. Wooday P. Krishna, Honorary General Secretary, SET, Shri Nataraj, Chairman, Governing Council, Shri Sheshanarayana, Honorary Joint Secretary, SET, Principal, Directors, faculty and students. The modern and state-of-the-art PG block is set to be a hub for academic excellence, fostering the growth of students in the field of Business Administration and Computer Applications.

ORIENTATION PROGRAM FOR 1ST YEAR MCA STUDENTS (14-2-2024)

Post-Graduate Department of Computer Applications had organized Orientation Program specifically for the first-year MCA students of the academic year 2023-24. The event took place in the Seminar Hall and addressed by Prof. Veena R, Coordinator, MCA Programme and Smt. Shalini M K, Assistant Professor, MCA Programme. To familiarize the newcomers with the college environment, Vision and Mission of the college and Department, academic rules and regulations, Value added Programs, Add-on Courses, Program Outcomes, Communication Hierarchy and the various resources available to them.



STUDENT INDUCTION PROGRAM (15th & 17th FEBRUARY 2024)



Post-Graduate Department of Computer Applications had organized a Student Induction Program, a session titled "Empowering Students for Academic Success - Navigating UG and PG Life" was organized on the 15th of February 2024. Dr. A. Srinivas, the Director of Learning and Development at Surana Educational Institutions, served as the resource person for this enlightening session. Dr. Srinivas shared valuable insights on how students can successfully navigate through both undergraduate and postgraduate academic life, providing practical tips and strategies for academic excellence.

Continuing the series of informative sessions, on the 17th of February 2024, a session titled "Secrets of Success in the Corporate World" was conducted in the Seminar Hall. The resource person for this session was Ms. Shwetha Lakshman Rao, an accomplished Engineering Manager at Broadcom, Bengaluru. Ms. Rao shared her experiences, insights, and advice on excelling in the corporate world, providing students with a glimpse into the expectations and challenges of the professional sphere.



THE INAUGURATION OF THE MBA AND MCA PROGRAMMES (23rd FEBRUARY 2024)

The inauguration of the MBA and MCA programs at Seshadripuram College, Bengaluru, on February 23, 2024, was a momentous occasion graced by eminent personalities including Reverend Swamiji Nirbhayananda Saraswathi, President of Ramakrishna Vivekananda Ashrama, Vijayapura, Gadag, and Dr. Nadoja Wooday P. Krishna, Honorary General Secretary of Seshadripuram Educational Trust. Their presence underscored the significance of the event and set a tone of reverence and aspiration for the academic journey ahead.



INTRA-CLASS DEBATE ON AI-CHATGPT (4th March 2024)



The Post Graduate Department of Computer Applications organized a stimulating debate on the topic of "AI - ChatGPT" on March 4th, 2024, at 10:45 AM in the AV Hall. The purpose of the event was to explore various aspects of Artificial Intelligence, specifically focusing on ChatGPT, an AI language model developed by OenAI. The event witnessed enthusiastic participation from both faculty members and students of MCA Department.



INTERNATIONAL WOMEN'S DAY

The Post-Graduate Department of Computer Applications celebrated International Womens Day on 11th March 2024 at 11:45 AM in the AV hall. The Students had presented a poster on the topic of "A Successful Women Story Poster Presentation" and shared their Experience of "The Unstoppable influence of Women: Nurturers, Leaders, and Inspirations".



WORKSHOP ON AI-ML (27-3-2024)

Post Graduate Department of Computer Applications organized a workshop on AI/ML for I Semester MCA students on 27th March 2024. The session provided an introduction to Artificial Intelligence (AI) and Machine Learning (ML), including their relevance and real-world applications. Dr. Geetha Prakash, Global Technology Manager, TOOPLE Technologies, Pvt Ltd., was the resource person. The session focused on data, covering different data types and their presence in daily life. Participants also learned about generating summary tables and merging



STUDENT DEVELOPMENT PROGRAM ON IDENTIFY THE SUPER HERO IN YOU (16-3-2024)

The Post Graduate Department of Computer Applications organized a transformative Student Development (SDP) titled "Identify the Superhero in You" on March 16th, 2024, from 9:00 AM to 1:00 PM in the Seminar Hall. The session aimed to help participants uncover their unique strengths, abilities, and potential, akin to the traits of superheroes, through introspective exercises and discussions. Mr. Ramani Venkat, an esteemed NLP Trainer and the Founder of Bizz Diagnostics, facilitated the session. With his expertise in Neuro-Linguistic Programming (NLP) and personal development, the resource person guided attendees through a journey of self-exploration and empowerment.



SKILL ENHANCEMENT COURSE ORIENTATION REPORT



A Session to educate students regarding various Courses offered by National Skill Development Corporation - PMKVY 4.0 a flagship program by central Government of India was organized on 23rd March 2024 at 9:45AM.



REPORT ON IT-MIMIC INTRA CLASS ACTIVITY (23rd MARCH 2024)

On March 23, 2024, an engaging intra-class activity titled "IT Mimic" was organized for the first-year MCA students. This activity aimed to enhance students' understanding of computer-related terminology through interactive participation and teamwork. The "IT Mimic" intra-class activity provided an enjoyable and effective platform for first-year MCA students to reinforce their knowledge of computer-related terminology.



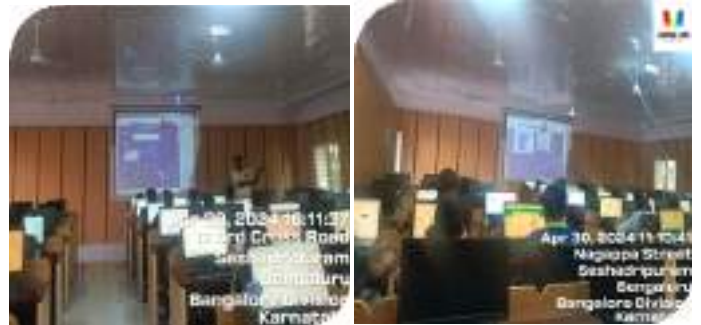
BEST PRACTICE : WEEKLY IT-GYAN

The MCA (Master of Computer Applications) students have initiated a weekly activity known as "IT-Gyan" aimed at exploring recent trends and technologies booming in the area of computer applications. This activity serves as a platform for students to delve into emerging best practices and stay updated with the dynamic landscape of IT.

REPORT ON ADD-ON CERTIFICATE COURSE (22-04-2024 – 03-05-2024)



The Department of Computer Applications organized an add-on course on Advanced Excel, Power BI, and Python for first-semester MCA students from 22nd April 2024 to 3rd May 2024. Conducted by Mr. Karthik and Mr. Yathish from Dell Technologies, the course aimed to equip students with essential data analysis, visualization, and programming skills.



REPORT ON VISIT TO ISRO EXHIBITION (03-05-2024)

The Post Graduate Department of Computer Applications organized an Exposure visit to U R Rao Satellite – Space Exhibition, on the eve of National Technology Day for MCA I Semester students. This visit was organized for the students to know the practical insights into Satellite technology, featuring a display of satellite systems, scaled satellite models, and information on satellite technologies.



REPORT ON ADD-ON CERTIFICATE COURSE TO BCA STUDENTS (03.05.2024 – 09-05-2024)

The Post Graduate Department of Computer Applications organized an add-on course on Advanced Excel, Power BI, and Python for BCA students from 3rd May 2024 to 9th May 2024. Conducted by Mr. Karthik and Mr. Yathish from Dell Technologies, the course aimed to equip students with essential data analysis, visualization, and programming skills.



REPORT ON ENVIRONMENT DAY

On June 6th, 2024, the PG Department of Computer Applications, in collaboration with ECO Mitra, ESG Research Foundation and NCC, organized a compelling talk on "Land Restoration, Desertification, and Resilience." The distinguished resource person for the event was Sri Venkataraman Subramanian, a renowned counsellor at the ESG Research Foundation. His extensive expertise in environmental, social, and governance issues provided valuable insights into the challenges and solutions related to land restoration and desertification. The session was presided over by Sri S. Sheshanarayana, the Honorary Joint Secretary of the Seshadripuram Educational Trust.



REPORT ON INTER-CLASS SPORTS COMPETITION

The Post Graduate Departments of Computer Applications and Business Administration collaboratively organized an Inter-Class Sports Competition on 7th and 8th October 2024. This event was designed to encourage active participation in extracurricular activities alongside academic pursuits. The competition aimed to foster a sense of camaraderie, sportsmanship, and healthy competition among the students of MCA and MBA programs.



ACADEMIA PARTNERSHIP

On completion of 12 certifications in MongoDB from 118 students each, Institution is been awarded as valued partner for the MongoDB Academia program on 10th September 2024 at Sheraton Grand, Whitefield organized by ICT Academy.

INFOSYS SPRINGBOARD SUMMIT - 2024



The Post Graduate Department of Computer Applications facilitated the participation of 16 students and 1 faculty member in the Infosys Springboard Summit 2024, held on 23rd August, 2024 at the Infosys campus in Bengaluru. Centered on "Empowering Digital Innovations of Tomorrow," the event emphasized the significance of digital literacy in shaping future-ready talent. Leaders from academia, industry, and government shared insights on bridging the gap between education and employment through digital platforms. The summit featured showcases of Infosys Springboard's initiatives in upskilling individuals for the digital economy. Students engaged in interactive sessions, gaining knowledge about digital trends and career opportunities. The summit provided a valuable platform for networking and understanding the evolving digital landscape.



INDUSTRIAL VISIT TO INFOSYS COMPANY, MYSORE

On 31st August 2024, the Post Graduate Department of Computer Applications organized an industrial visit to the Infosys campus in Mysore for first-year MCA students. Forty-six students and four faculty members participated, guided by an Infosys employee. The visit included a tour of the campus and training center, providing insights into company operations and infrastructure. Students attended an informative session on Infosys' history, global presence, and training platforms like Springboard.



PLACEMENT WORKSHOP ON CAREER ACCELERATION



The Post Graduate Department of Computer Applications organized a two-day placement workshop on "Career Acceleration" for MCA and final-year BCA students on 4th and 5th September 2024. The event was inaugurated by Sri M. S. Nataraj, Chairman of the Governing Council, and Dr. B. G. Bhaskara, Principal, who emphasized the importance of skill development. Sessions covered placement opportunities, aptitude training, resume crafting, and collaborative discussions led by experts like Ms. Sindhu G A and Chidananda K. Students gained practical insights into career planning, communication, and problem-solving. One-on-one interactions allowed for personalized guidance.



BRAIN BOOST – PEER LEARNING



The Post Graduate Department of Computer Applications organized an intra-class Brain Boost Peer Learning Activity on 13th September 2024, focusing on three major platforms: LinkedIn, GitHub, and Kaggle. The session aimed to enhance the students' knowledge and practical skills regarding these platforms, which are essential for career development and academic growth in the field of computer science.

ADD-ON CERTIFICATION COURSE ADVANCED EXCEL AND POWER BI FOR MBA STUDENTS



The Post Graduate Department of Computer Applications, in collaboration with the Learning Link Foundation and certified by Dell Technology, conducted an add-on certification course titled "Advanced Excel and Power BI" for MBA students from 10th September to 6th November 2024. The 30-hour course focused on advanced data analysis, Excel techniques, Power BI dashboards, and real-world business applications. Thirty students enthusiastically participated, gaining hands-on training under expert guidance from Mr. Karthik. The sessions emphasized practical learning and integration of tools for dynamic reporting. Nine students successfully completed the course and received certification from Dell Technology.



CELEBRATING MILESTONES: CERTIFICATE DISTRIBUTION PROGRAM



The Post Graduate Department of Computer Applications organized a CSR initiative titled "Celebrating Milestones: Certificate Distribution Program" on 28th September 2024 to honor students who completed Add-On Courses in Advanced Excel, Power BI, and Python. Conducted in collaboration with Learning Link Foundation and certified by Dell Technologies, the

program aimed to equip MCA and final-year BCA students with industry-relevant skills. Dr. Hanumanthappa M, Senior Professor, Bangalore University, graced the event as chief guest and emphasized the importance of technology-driven education. Certificates were distributed in the presence of dignitaries, faculty, and students. The initiative strengthened students' technical competencies and employability.

IGNITING CAREER OPPORTUNITIES

The Departments of Computer Applications and Computer Science organized a career development session titled "Igniting Career Opportunities" on 28th September 2024. The event featured an inaugural address by Dr. Hanumanthappa M., emphasizing career vision and professional growth. Alumni from various industries conducted six insightful sessions, sharing their career journeys and guidance. Topics ranged from interview preparation and placement hacks to turning passion into profession. The presence of faculty and alumni highlighted the institution's commitment to student success. The event provided valuable exposure, motivation, and practical tips for navigating diverse career paths.



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CYBER SHIKSHA



The "Cybershiksha" program, organized by the Postgraduate Department of Computer Applications in collaboration with ICT Academy, aimed to enhance cybersecurity skills among students and faculty. Phase 1 involved faculty training from 29th July to 9th August 2024, preparing six faculty members for student training. Phase 2 saw the faculty conduct a 30-hour course for 120 BCA students, with 55 qualifying for the next phase. Phase 3 was an advanced 70-hour training led by Mr. Oblesu for the 55 students, covering

topics like network security, ethical hacking, and data protection. All 55 students successfully completed the course and received certification.



PLACEMENT INTERACTIVE SESSION : “CHAMPIONING NEW IDEAS”



The Post Graduate Department of Computer Applications hosted a placement session, “Championing New Ideas,” on 16th November 2024, at the AV Hall. Led by Mr. Sudeep Puttanna, Director at Oracle Financial Services, the session provided career insights to First-year MCA and Final-year BCA students. Dr. B. G. Bhaskara, the Principal, and Prof. Veena R. also attended. Mr. Puttanna

emphasized the importance of aligning academic skills with industry needs, focusing on technical proficiency, problem-solving, adaptability, and communication. Students actively engaged in discussions on career planning and industry trends. The session encouraged creative thinking and a solutions-oriented approach to challenges.

AYUDHA POOJA AND IT RANGOLI COMPETITION

The Post Graduate Department of Computer Applications hosted an IT Rangoli Competition on 10th October 2024 during Ayudha Pooja celebrations for MCA students. Teams of 4-5 students created rangoli designs centered around tech themes like programming language logos and IT company symbols. The event showcased creativity and teamwork, with vibrant, tech-inspired artwork.



INTER-COLLEGE SPORTS COMPETITION



MCA students Mr. Hemanth Kumar B and Mr. Sarvesh Murthy participated in Weight lifting competition organized by Seshadripuram Institute of Commerce and Management, Bengaluru on 29th October 2024 and won 1st place.

IT AND NON-IT INTER-CLASS COMPETITION

Post Graduate Department of Computer Applications and Department of Computer Science in Association with Pragnya Science Forum, organized Inter-class competition for both undergraduate and postgraduate students from 6th November 2024 to 13th November 2024.



REPORT ON CSR INITIATIVE – DELL TECHNOLOGIES (30-HOUR ADD-ON COURSE ON “DATA ANALYTICS, DATA VISUALIZATION AND AI”)

As part of its Corporate Social Responsibility (CSR) initiative, DELL Technologies, in collaboration with Learning Links Foundations, organized a 30-hour add-on course titled “Data Analytics, Data Visualization and AI” from 26th December 2024 to 6th January 2025. The sessions were conducted from 9:00 AM to 1:00 PM and were facilitated by Mr. Karthik and Mr. Yathish, both serving as Assistant Managers at Learning Links Foundations. The program provided students with hands-on exposure to trending technologies in data science and artificial intelligence, aiming to enhance their employability and analytical skills through real-world tools and techniques.

REPORT ON STUDENT INDUCTION PROGRAM (SIP) 2024–25

The Student Induction Program (SIP) for the academic year 2024–25 was held from 10th January to 18th January 2025, aimed at familiarizing newly admitted MCA I Semester students with the institution's environment, values, and academic expectations. The SIP included a structured series of sessions focused on helping students adapt to college life, engage in collaborative learning, and build a strong foundation for their academic journey.

Day 1: 10-01-2025 – First session- Orientation Program

The MCA Orientation Program on Day 1 of the Student Induction Program aimed to help new students transition smoothly into the academic environment. It included a welcome address, an overview of the MCA curriculum, introductions to faculty and staff, and information on institutional policies, such as academic integrity and anti-ragging guidelines. Students were also introduced to support services like mentorship, counseling, and workshops. An interactive Q&A session addressed student queries, setting a positive tone for the rest of the induction program and laying a strong foundation for their MCA journey.



Day 1: 10-01-2025 – Session 2: Academic Expert Talk



The second session of Day 1 featured an enlightening expert talk by Dr. Vijayalakshmi A. Lepakshi, Associate Professor at Reva University, Bengaluru, held in the AV Hall. She delivered a comprehensive presentation on career opportunities in academia, research, and industry, with a

strong focus on the role of research in professional growth. Dr. Vijayalakshmi guided students through the complete research process—from selecting a topic and methodology to data analysis and writing research papers. She emphasized the importance of understanding publication formats, journal types, referencing styles, and peer review mechanisms. The session also offered valuable tips on enhancing publication success through originality, clarity, and data integrity. It inspired students to explore research as a vital component of their academic and professional development.

Day 2: 11-01-2025 – Industry Expert Talk

On Day 2 of the Student Induction Program, an engaging Industry Expert Talk was held in the MCA Computer Lab featuring Mr. Sujesh Sureshnath Menon from TCS, Bengaluru, and Mr. Sunil Nagendra, Manager at Synopsis India Pvt. Ltd. Mr. Menon shared insights from his corporate experience, emphasizing how academic projects, internships, and hands-on exposure contribute significantly to shaping a successful career. He encouraged students to pursue certifications in trending technologies such as cloud computing, machine learning, and data science. Mr. Sunil Nagendra followed with practical advice on resume building, highlighting the need to tailor resumes to specific job roles and showcase relevant skills and achievements. He concluded the session by underlining the importance of teamwork in professional settings. The session offered students a realistic perspective on industry expectations and the steps needed to prepare for future opportunities.



Day 3: 12-01-2025 – Peer Learning Session



On Day 3, Mr. Chethan, a second-year MCA student, conducted a session on the importance of LinkedIn for professional networking. He demonstrated how to build an effective LinkedIn profile, including tips on writing summaries, endorsing skills, and connecting with industry professionals. Chethan highlighted how LinkedIn can be a

powerful tool for job searching, networking, and staying updated on industry trends, offering valuable insights for students to enhance their professional presence.

Day 4: 13-01-2025 – Personality Development Program “Self Discovery Journey”

On Day 4, Mr. Ramani Venkat, an NLP Trainer, led an insightful session on personality development titled “Self Discovery Journey” in the Auditorium. He emphasized the importance of creativity, analytical, and critical thinking skills in achieving success. Mr. Venkat shared techniques to enhance creativity by thinking



outside the box and exploring different perspectives. He also discussed methods for improving analytical skills, focusing on breaking down complex problems, and stressed the value of structured thinking in decision-making. The session aimed to equip students with essential skills for innovation and effective problem-solving in their professional lives.

Day 5: 14-01-2025 – Placement Talk by Dr. Vatsala G.



On Day 5, Dr. Vatsala G, Director at SAGE and Head of Training and Development at SET, conducted an informative session on the placement process in the AV Hall. She highlighted the role of placement cells in preparing students for campus recruitment drives and emphasized the importance of aligning skills with employer expectations.

Dr. Vatsala shared practical tips on resume building, interview preparation, and personal branding, as well as the need for continuous self-assessment. She encouraged students to build confidence through mock interviews and personality assessments, preparing them for both technical and soft skills interviews in the competitive job market.

Day 6: 15-01-2025 – Peer Learning Session on GitHub

On Day 6, Ms. Vani, a second-year MCA student, led a peer learning session on GitHub in the MCA Classroom. She introduced version control systems and demonstrated how GitHub manages code repositories, tracks changes, and facilitates collaboration on projects. Ms. Vani explained key features like forking, branching, and pull requests, highlighting their importance for collaborative software development. The session equipped students with essential tools for working together on coding projects using GitHub.



Day 7: 16-01-2025 – Peer Learning Session on Kaggle



On Day 7, Mr. Harish, a second-year MCA student, conducted a peer learning session on Kaggle in the MCA Classroom. He introduced the platform as a hub for data science competitions, where students can practice machine learning, data analysis, and problem-solving using real-world datasets. Mr. Harish demonstrated how to join competitions, analyze data, and collaborate with fellow data scientists. The session provided students with valuable skills and insights into the world of data science challenges.

REPORT ON DOMAIN SPECIFIC CERTIFICATE COURSE - FULL STACK DEVELOPMENT- JAVA

The 90-hour certificate course on "Full Stack Development – Java" was conducted for MCA III Semester students from 15th January 2025 to 12th February 2025. This domain-specific course aimed to equip students with comprehensive knowledge and practical skills in full-stack development using Java. The course covered essential web technologies, starting with HTML and CSS for front-end development, taught by Mr. Srindhi. Students then delved into back-end development with JDBC and Servlets, guided by Mr. Veerababu. Finally, Mr. Vaishaak introduced advanced Java concepts to enhance their back-end programming skills. The course successfully provided a holistic understanding of web application development, preparing students for industry-ready roles in full-stack development.



REPORT ON MICROSOFT CSR TRAINING PROGRAM ON CYBERSHIKSHA

The Microsoft CSR Training Program on Cybershiksha, a 100-hour initiative aimed at enhancing cybersecurity awareness, successfully concluded with notable achievements. Upon completion of the program, the college was awarded a grant of Rs. 10,000/- as part of Microsoft's philanthropic efforts. Additionally, six mentors involved in the program received Rs. 4,000/- each in recognition of their contributions. This initiative has played a significant role in equipping educators and students with essential cybersecurity skills, fostering a safer digital environment.





provided an opportunity for the first-year MCA, MBA, and M.Com students to be introduced to the curriculum, faculty, and the opportunities these programs offer. The event was a step towards fostering academic excellence and preparing students for future challenges.

REPORT ON “MOCK TREK” – MOCK INTERVIEW SESSION

The Post Graduate Department of Computer Applications organized a mock interview session, "Mock Trek," on 1st March 2025 for III Semester MCA students, held in the PG CS Lab. Conducted by Mr. Guru Prasad, Senior Software Engineer – ML at Cloudera, the session aimed to prepare students for real-world interviews by covering essential topics such as LinkedIn profile building, resume enhancement, GitHub usage, and coding platforms like HackerEarth, HackerRank, and LeetCode. The highlight of the session was the one-on-one mock interviews, where students received personalized feedback on their technical and behavioral performance. The session provided invaluable insights into professional networking and industry expectations, equipping students with the skills and confidence needed for successful job applications.



REPORT ON INTRA- CLASS ACTIVITIES

The MCA Department organized a series of engaging intra-class activities for MCA I Semester students:

- **24th February 2025 : "Code Golf"** – Held in the MCA Lab, this activity focused on writing the shortest and most efficient code, challenging students to refine their programming skills.
- **25th February 2025: "Tech Xplore"** – A Kahoot quiz that tested students' knowledge on various technical topics, promoting learning through a fun and interactive medium.



REPORT ON FRESHERS' DAY - PARICHAYA 2025



To set the tone for a positive and inclusive college experience, "Parichaya 2025" was organized on 1st February 2025. The event aimed to welcome new students and introduce them to the vibrant campus life. It served as an excellent platform for students to interact with their peers, faculty, and staff, fostering a sense of belonging. The occasion was filled with engaging activities, performances, and speeches, ensuring a memorable start to their college journey and promoting a welcoming atmosphere for all.

REPORT ON EXPERT TALK - "CYBER SECURITY RESILIENCE - TRENDS AND CHALLENGES"

An expert talk on "Cyber Security Resilience - Trends and Challenges" was held on 3rd February 2025, featuring Dr. Gururaj P, a Cyber Security Engineer and Subject Matter Expert (SME) at DXC Technology, Bengaluru. The session, conducted in the Auditorium, was attended by MCA I and III Semester students. Dr. Gururaj P provided valuable insights into the evolving landscape of cybersecurity, highlighting current trends, challenges, and the importance of resilience in securing digital infrastructures. The talk emphasized practical strategies to tackle cybersecurity threats and foster a proactive approach to safeguard against future risks, benefiting students with a deeper understanding of the field.



REPORT ON INAUGURATION OF MBA, MCA & M.Com PROGRAMMES



The inauguration of the MBA, MCA, and M.Com programmes was held on 12th February 2025 at the Conference Hall & Auditorium, marking the beginning of the academic journey for the newly admitted students. The event was graced by Chief Guest Dr. Anand K Joshi, Former Vice Chancellor, and Guest of Honour Dr. Sri Ram Kothapalli, Governance Risk & Compliance. The session was presided over by Nadoja Dr. Wooday P Krishna. The ceremony

- **27th February 2025: "Word Hunt"** – Students participated in a hunt to find hidden technical terms, enhancing their vocabulary and understanding of key concepts.
- **28th February 2025: "Pick and Speak"** – In this activity, students randomly selected topics and spoke on them, improving their public speaking and impromptu presentation skills.

These activities were designed to foster creativity, teamwork and technical knowledge among the students.



REPORT ON SPIRITUAL RETREAT

The MCA Department organized a spiritual retreat for MCA I Year students, offering them the privilege of attending significant symposiums to celebrate “National Youth Day” in honor of Swami

Vivekananda's birth anniversary.

- **12th January 2025:** A group of 20 students and 2 faculty members participated in the symposium held at Sri Ramakrishna Math, where they gained valuable insights into Swami Vivekananda's teachings on youth empowerment and spiritual growth.
- **25th January 2025:** A smaller group of 5 students and 1 faculty attended another symposium, this time at Sri Sharada Math, which provided further perspectives on the philosophies of Swami Vivekananda and their relevance to modern-day youth. These experiences helped students connect with deeper spiritual values, enhancing their personal development alongside their academic journey.



REPORT ON IISC OPEN DAY VISIT

On **1st March 2025**, a group of MCA I Year students had the opportunity to visit the **Indian Institute of Science (IISc)** during their **Open Day**. The visit provided students with an enriching experience, allowing them to explore the cutting-edge research, innovations, and academic environment at one of India's premier institutions. The students interacted with IISc faculty and researchers, gaining valuable insights into advanced fields of science and





technology. This exposure enhanced their understanding of the latest developments in their field of study and inspired them to pursue research and innovation in their academic careers.

REPORT ON ATTENDANCE AT RASHTRIYA PURASKARA SAMARAMBHA CEREMONY

On 22nd February 2025, six MCA I Year students attended the prestigious “Rashtriya Puraskara Samarambha – Pradhan Puraskara” ceremony held at Ravindra Kalakshetra, Bengaluru. The event recognized outstanding individuals and organizations for their contributions to society in various fields. The students gained valuable exposure by attending this ceremony, learning about the importance of awards and recognition in motivating individuals towards excellence. It was an enriching experience that provided them with insights into national recognition programs and the impact of such awards on personal and professional growth.



REPORT ON INTER-COLLEGIATE PARTICIPATION

MCA students showcased their talent and actively participated in various inter-collegiate events in February and March 2025, further enriching their academic and extracurricular experiences.

- **Student Panel Discussion on “Vishvambhara”** On 28th February 2025, Ms. Vani, II Year MCA, participated in a Student Panel Discussion on the Kannada novel “Vishvambhara,” sharing insightful perspectives.
- **Carrom Competition at RHAPSODY 3.0** On 2nd March 2025, seven final-year MCA students competed in the Carrom Competition at RHAPSODY 3.0, organized by the Indian Institute of Science, Bengaluru.
- **TechZyme 2025 Inter-collegiate Fest** I and II Year MCA students participated in the TechZyme 2025 fest at mLAC College on 27th March 2025, winning the Overall Championship Trophy.



- II Year MCA Students participated in “Innovex 2025” Hackathon event of 15 hours organized by BCU on 4th April 2025
- II Year MCA Students participated in Hackathon event of 12 hours organized by KLE College on 5th April 2025



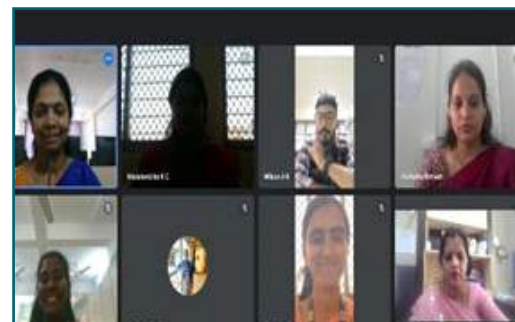
REPORT ON INTRA-CLASS TECHNICAL ENGAGEMENTS

As part of a collaborative learning initiative titled "Knowledge Connect: Bridging MCA & BCA," the I Year MCA students organized and conducted a series of technical events for the final year BCA students from 5th to 7th March 2025. The objective was to foster peer learning and strengthen academic connections across departments. On 5th March, the event “Code Quest” tested students' technical knowledge through a quiz format. On 6th March, “Brain Blitz” challenged participants with aptitude-based questions, promoting logical and analytical thinking. The final event, “Code Golf,” held on 7th March, encouraged students to reduce code length while maintaining functionality, enhancing their problem-solving and optimization skills.



REPORT ON FACULTY PARTICIPATION AND ACCOMPLISHMENTS

As part of continuous professional development, all MCA faculty members actively participated in a two-day Faculty Development Program (FDP) titled “Neuro Leadership in Academia: Empowering Faculty for Strategic Excellence”, held on 5th and 6th February 2025. The sessions, facilitated by Sri Ravikumar Angadi, an NLP Master Practitioner, focused on enhancing leadership, communication, and strategic thinking skills essential for academic excellence.



Additionally, Prof. Veena R represented the department as a Resource Person and Session Chair in “ERUDITE – 2025,” a Two-Day Virtual Multi-Disciplinary National Conference organized by SICM on 28th February 2025, contributing her insights and expertise to academic discourse and peer learning.

[illegible]

Papers Presented

Dr. Veena R.

Topic Driven Text Extraction for Kannada Document Summarization Using LDA published in Journal of Information Systems Engineering and Management, Vol. 10 No. 36s (2025)

Ms. Deeksha Holla

Automated Recognition of Yoga Mudras through Image Processing published by IEEE- International Conference on Distributed Systems, Computer Networks and Cybersecurity (ICDSCNC), Bengaluru, India

Academic Roles and Responsibilities

Dr. Veena R.

Completed Ph.D. Viva Voce on 4th July 2025

Appointed as member, BOS

- ❖ Bengaluru City University UG, PG- Computer Science and Applications.
- ❖ Maharani Lakshmi Ammani College for women- MSc Data Science.
- ❖ Surana College- Master of Computer Applications

Appointed as member, BOE

- ❖ Bengaluru City University- MCA
- ❖ Maharani Lakshmi Ammani College for women- BCA and MSC Data Science
- ❖ Question Paper Setter for Maharani Cluster University, SJBIT College, Bengaluru and Bengaluru City University.

Was the Resource person and Session Chair in "**ERUDITE -2025**", Two Days Virtual Multi-Disciplinary National Conference 2024-25. Organized by SICM on 28th February 2025

REPORT ON WOMEN'S DAY CELEBRATION

Women's Day Celebration – “SHE: Strong, Heroic, empowered” was organized on Saturday, 8th March 2025, for I and II Year MCA students from 01:00 PM onwards. The event aimed to recognize and celebrate the strength, resilience, and achievements of women. A series of engaging and thought-provoking activities, including a quiz, pick and speak, letter writing, and group discussions, created a vibrant platform for students to express their thoughts on gender equality, empowerment, and the role of women in society. The event fostered awareness, creativity, and appreciation for womanhood in a meaningful and interactive manner.



REPORT ON VALUE-ADDED PROGRAM: SOFT SKILLS AND APTITUDE TRAINING

A 30-hour Add-on course on “Soft Skills and Aptitude Training” is being conducted for I semester MCA students starting from 11th March 2025. The sessions are held every Tuesday and Wednesday from 12:00 PM to 3:00 PM. The program aims to enhance students' communication, problem-solving, and interpersonal skills, which are crucial for both academic success and professional growth. Expert trainers Manohar, Sean, and Peter are leading the sessions, providing valuable insights and practical knowledge to help students develop their soft skills and improve their aptitude.



REPORT ON INTER-COLLEGE SPORTS COMPETITIONS - PRIZE DISTRIBUTION CEREMONY

The prize distribution ceremony for the inter-college sports competitions was held on 17th March 2025 at 12:00 PM in the Auditorium. During the event, our college students were awarded for their remarkable performances in various sports competitions. Their dedication and hard work were recognized as they received accolades for their achievements, showcasing both individual and team excellence. The ceremony not only celebrated their success but also inspired others to engage more actively in extracurricular activities, fostering a healthy and competitive spirit among the students.



REPORT ON WORKSHOP ON "PROMPT ENGINEERING"

The Post Graduate Department of Computer Applications hosted a workshop on "Prompt Engineering" on 20th March 2025, led by Mr. Vijay Shanthagiri, Founder & CEO of Analogica Software Development Pvt. Ltd. The workshop covered key topics such as AI vs human intelligence, types of machine learning, and the functioning of GPT and ChatGPT. Students learned about effective prompt writing, including structured, zero-shot, and few-shot techniques, and participated in practical exercises using AI tools for data analysis. The session also addressed hallucinations in AI models and strategies to mitigate them. Interactive discussions and hands-on activities provided students with essential skills in AI and prompt engineering.



REPORT ON INTER-COLLEGIATE IT FEST "INCOGNITO 2024-25"

The **Inter-Collegiate IT Fest "Incognito 2024-25"** was successfully organized on **26th March 2025**, with **446 students** from **45 colleges** participating in a variety of events. The fest provided a platform for students to showcase their technical skills and creativity, making it a grand success. The diverse range of events, engaging activities, and enthusiastic participation contributed to the overall success of the fest, fostering collaboration and knowledge-sharing among students from different institutions.



REPORT ON INDUCTION PROGRAM FOR MCA I SEMESTER STUDENTS

The Induction Program for MCA I Semester students took place from 24th to 29th March 2025, covering advanced topics in technology.

1. **Cloud Computing and Blockchain** (24th March) – Trainer : Gopinath, Data Engineer, introduced students to cloud and blockchain technologies.
2. **Cyber Security** (25th March) – Trainer : Mr. Adithya, Ethical Hacking Trainer, focused on cybersecurity fundamentals and ethical hacking.



3. **Introduction to Python** (27th March) –
Trainer : Pratik, Data Science Trainer,
covered Python programming for data
science applications.



4. **Introduction to AI Tools** (28th March) –
Trainer : Premchand, Technical Trainer,
introduced AI tools and their industry
applications.

REPORT ON STUDENT COUNCIL BADGE DISTRIBUTION CEREMONY



The Student Council Badge Distribution Ceremony was held on 25th March 2025 to honor the newly appointed members of the Student Council. During this ceremony, badges were presented to the elected President, Vice President, Student Council Members, and Class

Representatives, officially recognizing their leadership roles within the college. The event marked the beginning of their responsibilities to guide and represent their peers, organize student-centric activities, and foster a positive academic and social environment. The badge distribution served as a symbolic gesture, reinforcing the importance of leadership and commitment to the college community.

REPORT ON INDUSTRIAL TOUR



The MCA students undertook an enriching industrial tour that included a visit to Kaynes Technology India Pvt. Ltd., Mysore premier electronics and IoT solutions-enabled integrated manufacturer. Students gained valuable insights into the company's manufacturing processes, automation systems, and innovative technological practices used in the production of electronic components and devices. Following this, the group visited the Mattupetty Tea Factory, where they observed the traditional and modern methods of tea processing, learning about the journey from tea leaves to final packaging. The tour

also included visits to various scenic and cultural spots across Kerala, offering students a blend of industrial exposure and cultural exploration, thereby enhancing their academic and experiential learning.

REPORT ON INDIAN FESTIVAL HABBA

The Post Graduate Department of Computer Applications celebrated Ganesh Chaturthi as part of the Indian Festival Habba on 12th April 2025. The occasion was marked by devotion and festivity, where students and faculty joined together to offer prayers to Lord Ganesha. The celebration featured traditional rituals, bhajans, and distribution of prasad, creating a spiritually uplifting atmosphere. It served as a meaningful opportunity for everyone to experience and appreciate the cultural richness and spiritual essence of the festival.



BCA DEPARTMENT ANNUAL REPORTS

Department of Computer Science and Pragnya Science Forum

Report on Webstart Workshop “A Journey into Webpage Building”

From 27/08/2024 To 09/09/2024



From the 27th of August to the 09th of September 2024, the Department of Computer Science organized a workshop on introduction to web development. It was conducted by BCA final year students [Himateju V, Harshith S, Ganesh R A, Darshan G, Hashan C, Nithin Gowda and N Dheeraj]. In an effort to foster technical skills among the students, this workshop aimed to introduce the fundamental concepts of web development, empowering participants with the skills required to design and build functional web pages.



Workshop Report on “Aptitude Unleashed: Think, Solve, Succeed”

From 09/10/2024 To 10/10/2024



A two-day aptitude workshop for final year BCA students was held on October 9 and 10 at the Seminar Hall. The workshop held from 8:30 a.m. to 3:00 p.m., on both days to enhance students' knowledge and prepare them for interview and competitive exams. JV Global's renowned mentor, trainer and educator, Dr.Chidananda K was the sponsor of the event.

The workshop began with a welcome address by Prajwal of 3rd BCA B Section, followed by a reading of the guest speakers by Cyan Binoy Philip of 3rd BCA C Section. Ramyashree of III BCA B Section conducted the two-day event, ensuring that the activities went smoothly. The program concluded with vote of thanks by Unnathi, 3rd BCA C Section, who expressed her gratitude to the speaker, participants and organizers.



Preplacement talk by alumni students “Igniting Career Opportunities”

Date : 28/09/2024

Career guidance is an essential part of personal and professional development, designed to help individuals identify their strength, interest and opportunities in the workforce.



Industrial Visit

Date : 13/12/2024

66 students of II year BCA have been taken for Industrial Visit to Kaynes Technologies, Mysuru on 13/12/2024. The students gained a practical knowledge of how various components and chips are produced and assembled and how mother board of computer is manufactured etc



Guest Lecture On “Empowering Native Languages : The Foundational Role of NLP”

Date : 24/03/2025

Dr. Sowmya S discussed basic NLP topics including stemming and lemmatization, explaining their roles in simplifying text data for computational processing. The session also included how machine learning model can be trained to understand and process regional languages. Towards the end of the session, Dr Sowmya S also shared a simple project idea based on NLP, encouraging students to explore hands on learning.

The lecture was highly engaging and informative. It helped the students to understand the importance of NLP in empowering native languages and provided motivation to explore the area further. The session concluded with a vote of thanks proposed by Cyan , expressing gratitude to Prof. Dr Sowmya S for her valuable time and insights.



Guest on “Next-Gen Quality : Tools Powered by Artificial Intelligence”

Date : 23/04/2025

A Guest lecture for 2nd year BCA students was held on 23rd April at the class N203. The Guest was held from 10.30am to 12.30pm to enhance students' knowledge. Senior Analyst in Thoughtworks, Rakshita R S was the sponsor of the event. The Guest lecture began with the welcome address by Narmada J of 2nd BCA B Section, followed by a reading of the guest speaker by Soumya S of 2nd BCA B Section. The Guest addressed the students by explaining Quality Tools powered by Artificial Intelligence, Quality and its scope, The Tech industry today like AI and ML, Data Analytics, Cloud Computing, DevOps, Cybersecurity, AI Powered QA and tools powered by AI playwright and what is the industry looking for? In demand skills and add Ons. Totally the Guest Lecture was Informative and Guiding Light for Students. The Programme concluded with vote of thanks by Chethan P 2nd BCA B Section, who expressed his Gratitude to the speaker, and the coordinator who organised the Guest Lecture.

The lecture was highly engaging and informative. It helped the students to explore various AI tools in developing programs and software's.



Orientation programme on Chaturyam – Students Developers Club

Date : 26/04/2025



A major highlight of the event was the official launch of the Chaturya Club website, a dedicated platform where students can register as members, stay updated on upcoming events, and showcase their contributions. The launch was graciously carried out by our Chief Guest, **Mr. Suhas A. R.**, Lead ET at JioHotstar, who has been an inspiration for aspiring developers. Mr. Suhas shared his invaluable insights on the theme “College to Career”, where he spoke about the importance of building a strong foundation during college years, being active in communities like student clubs, working on side projects, and continuously upgrading one's skills to bridge the gap between academic learning and industry demands. His talk was highly engaging and left a lasting impression on the attendees.





Additionally, the event featured glimpses of past club activities, including snippets from previous workshops, project showcases, and tech talks, giving new members a sense of the club's journey so far and the impactful experiences they can look forward to.



Two days' workshop on "Dev 0 to 1"

Date : 24/04/2025 and 25/004/2025

Dev 0 to 1 - Introduction to Developer Tools
2 Days Hands-On Workshop on VS Code, Git & GitHub

One week workshop "Web start 2.0"

Date : 15/05/2025 to 26/05/2025

WebStart 2.0 - Introduction to Modern Web Technologies
and CS50P - Introduction to Programming with Python by Harvard University

7 Days interactive workshop

Books published by faculty

1. Shivaswamy D S

1. Cyber Crime, Cyber Law and Intellectual Property Rights
2. Operating System
3. Data Structure
4. Java Programming

2. Sowmya K

1. Operating System

Papers published by faculty

1. Shivaswamy D S

1. A Survey on Integration of Blockchain with existing CRM Systems
2. Comparative study of Algorithms.



A Report on Placements 2024-25

Seshadripuram College has conducted Campus Placement during the year 2024-2025. The Placement cell achieved notable success, with 24 students placed in top companies like Accenture, Infosys, Codeyoung, Cognizant, Wipro, 24/7 AI, SAP, Microland and Skillforge.

Apart from our regular recruitments we had sent our students on pool campus to attend the placements that were conducted in other colleges. As of the dated April 2025 totally 24 students have been placed in different companies.

Details below:

SL. No.	Name of the company	Name of the student	Reg No	CTC	Position
1	ACCENTURE	HIMATEJU	U18GH22S0155	3.4 LPA	CLOUD TECH SUPPORT ASSOCIATE
		JAYRAJ V PATIL	U18GH22S0018	3.4 LPA	CLOUD TECH SUPPORT ASSOCIATE
		VASUDEVA RAJA H	U18GH22S0027	3.4 LPA	CLOUD TECH SUPPORT ASSOCIATE
		MANORANJAN BEHARA	U18GH22S0091	3.4 LPA	CLOUD TECH SUPPORT ASSOCIATE
		POOJASHREE G	U18GH22S0071	3.4 LPA	CLOUD TECH SUPPORT ASSOCIATE
		CYAN BINOY PHILIP	U18GH22S0173	3.4 LPA	CLOUD TECH SUPPORT ASSOCIATE
		INDUPRIYA	U18GH22S0058	3.4 LPA	CLOUD TECH SUPPORT ASSOCIATE
2	SAP	HIMATEJU	U18GH22S0155	3.2 LPA	VOCATIONAL TRAINEE
3	SKILLFORGE	DEEPTHI G	U18GH22S0142	4.8 LPA	INSIDE SALES INTERN
		N V SNEHA	U18GH22S0090	4.8 LPA	INSIDE SALES INTERN
		PRATHIKSHA C	U18GH22S0116	4.8 LPA	INSIDE SALES INTERN
4	MICROLAND	SUNIL KUMAR J	U18GH22S0106	3.25 LPA	GRADUATE TRAINEE
		PRATHIKSHA C	U18GH22S0116	3.25 LPA	GRADUATE TRAINEE
5	INFOSYS	AMRUTHA C	U18GH22S0108	2.2 LPA	SYSTEM ASSOCIATE
		NAGARAJ A	U18GH22S0044	2.2 LPA	SYSTEM ASSOCIATE
		MONICA R	U18GH22S0061	2.2 LPA	SYSTEM ASSOCIATE
		KISHAN K R	U18GH22S0125	2.2 LPA	SYSTEM ASSOCIATE
6	OMEGA	PUNITH C	U18GH22S0153	2.89 LPA	AR EXECUTIVE
7	CODEYOUNG	MOHAMMED AFTAB BAIG	U18GH22S0124	7.3 LPA	INTERNATIONAL SALES SPECIALIST
		NANDITHA	U18GH22S0145	7.3 LPA	INTERNATIONAL SALES SPECIALIST
		CYAN BINOY PHILIP	U18GH22S0173	7.3 LPA	INTERNATIONAL SALES SPECIALIST
8	24/7 AI	MONIKA M	U18GH22S0162	1.5 LPA	DIGITAL CHAT ASSOCIATE
9	COGNIZANT	KUSHAL Y KALE	U18GH22S0017	2.8 LPA	ANALYST TRAINEE
		N V SNEHA	U18GH22S0090	2.8 LPA	ANALYST TRAINEE

		AMRUTHA C	U18GH22S0108	2.8 LPA	ANALYST TRAINEE
		DARSHAN M	U18GH22S0060	2.8 LPA	ANALYST TRAINEE
		AKSHATHA J	U18GH22S0123	2.8 LPA	ANALYST TRAINEE
		ALLISHA SHARMA	U18GH22S0114	2.8 LPA	ANALYST TRAINEE
10	WIPRO	TANUSHREE V	U18GH22S0035	1.8 LPA	SCHOLAR TRAINEE
		DARSHINI R	U18GH22S0181	1.8 LPA	SCHOLAR TRAINEE
11	ICICI	CYAN BINOY PHILIP	U18GH22S0173	5 LPA	RELATIONSHIP MANAGER
		HONEY GOWDA H S	U18GH22S0174	5 LPA	RELATIONSHIP MANAGER
		PRATHIKSHA C	U18GH22S0116	5 LPA	RELATIONSHIP MANAGER
		NEERAJA B	U18GH22S0118	5 LPA	RELATIONSHIP MANAGER
		ALLISHA SHARMA	U18GH22S0114	5 LPA	RELATIONSHIP MANAGER
		MEGHANA S	U18GH22S0127	5 LPA	RELATIONSHIP MANAGER
12	COMPUTA CENTER	CYAN BINOY PHILIP	U18GH22S0173	3.5 LPA	TECHNICAL ANALYST
		JAYRAJ V PATIL	U18GH22S0018	3.5 LPA	TECHNICAL ANALYST
		DARSHINI R	U18GH22S0181	3.5 LPA	TECHNICAL ANALYST
		JUJARE NARESH	U18GH22S0021	3.5 LPA	TECHNICAL ANALYST
		LIKITHA S N U	18GH22S0078	3.5 LPA	TECHNICAL ANALYST
		NITHISH D	U18GH22S0002	3.5 LPA	TECHNICAL ANALYST
		SHREYA S MOUDHGALYA	U18GH22S0152	3.5 LPA	TECHNICAL ANALYST
		THAUSHREE V	U18GH22S0035	3.5 LPA	TECHNICAL ANALYST
		UNNATHI R	U18GH22S0083	3.5 LPA	TECHNICAL ANALYST
		MEGHANA S	U18GH22S0127	3.5 LPA	TECHNICAL ANALYST
13	TCS	NAMITHA S	U18GH22S0057	1.9 LPA	GRADUATE TRAINEE
14	UNISYS	ALLISHA SHARMA	U18GH22S0114	3.8 LPA	ASSOCIATE TECHNICAL SERVICE DESK
		PREETHAM GOWDA P	U18GH22S0053	3.8 LPA	ASSOCIATE TECHNICAL SERVICE DESK
		VIDHYA S	U18GH22S0134	3.8 LPA	ASSOCIATE TECHNICAL SERVICE DESK
		JUJARE NARESH	U18GH22S0021	3.8 LPA	ASSOCIATE TECHNICAL SERVICE DESK
		TEJAN M	U18GH22S0121	3.8 LPA	ASSOCIATE TECHNICAL SERVICE DESK
		SAHANA Y	U18GH22S0169	3.8 LPA	ASSOCIATE TECHNICAL SERVICE DESK
		ANUPRIYA M S	U18GH22S0154	3.8 LPA	ASSOCIATE TECHNICAL SERVICE DESK
		DILEEP V	U18GH22S0010	3.8 LPA	ASSOCIATE TECHNICAL SERVICE DESK
		MOHAMMED HUSSAIN R	U18GH22S0175	3.8 LPA	ASSOCIATE TECHNICAL SERVICE DESK
		SNEHA N V	U18GH22S0090	3.8 LPA	ASSOCIATE TECHNICAL SERVICE DESK
		INDUPRIYA	U18GH22S0058	3.8 LPA	ASSOCIATE TECHNICAL SERVICE DESK
		DARSHAN M	U18GH22S0060	3.8 LPA	ASSOCIATE TECHNICAL SERVICE DESK

- Number of recruitments from BCA=59
- Number of Students recruited from BCA=59(39+17(R))
- Highest CTC – 7.4 LPA
- Average CTC – 3.7 LPA

PRAGNYA FORUM REPORTS

A Report on Orientation Program

On 5 Sep 2024 Pragnya Science Forum hosted an engaging and educational Orientation Day Program focused on Computer Science activities. The event aimed to introduce students to essential computer science concepts and provide practical exposure through interactive activities.

The main objectives was to Introduce Key Computer Science Concepts, to familiarize participants with fundamental concepts in computer science, including programming, algorithms, and data structures and to provide a foundational understanding of the field and its relevance in today's technology-driven world.



A Report on Inter-Class IT Competitions – 2024

Date: 06/11/2024 to 13/11/2024

The Post Graduate Department of Computer Applications and Department of Computer Science, in association with the Pragnya Science Forum, organized a week-long Inter-Class IT Competitions at Seshadripuram College from 6th to 13th November 2024.

Students from BCA and MCA actively participated in six well-curated events, each designed to enhance creativity, logical reasoning, collaboration, and technical skills.



Event Highlights:

- **Techno Beats (6th Nov)** : Participants guessed IT terms from musical clues.
- **IT Picture Quiz (7th Nov)** : Image-based quiz testing IT recognition and memory.
- **IT Debate (8th Nov)** : Students discussed emerging tech and ethical issues.
- **Hackathon (11th Nov)** : Focused on data visualization using tools like Excel and Python.
- **IT Puzzle (12th Nov)** : Challenging rounds including word scrambles and crosswords.
- **Vibe Tribe (13th Nov)** : Fun games promoting team spirit and time management.

These events fostered enthusiasm, critical thinking, and a strong sense of teamwork among students. Winners received prizes and certificates, while all participants were recognized for their spirited involvement.

The event was coordinated and supported by faculty and student coordinators, making it a resounding success.

A Report on Incognito 2024–25

Date: 26/03/2025

An intercollegiate IT Fest, Incognito 2024–25, was organized by the Post Graduate Department of Computer Applications and the Department of Computer Science, in association with the Pragnya Science Forum on 26/03/2025. The fest was inaugurated



by Mr. Ambujakshan Nair (Senior Manager, TCS Ltd). The fest included competitions that tested programming, problem-solving, creativity, gaming skills, and artistic talents.

An intercollegiate IT Fest, Incognito 2024–25, was organized by the Post Graduate Department of Computer Applications and the Department of Computer Science, in association with the Pragnya Science Forum on 26/03/2025. The fest was inaugurated by Mr. Ambujakshan Nair (Senior Manager, TCS Ltd). The fest included competitions that tested programming, problem-solving, creativity, gaming skills, and artistic talents.

Event Highlights:

- **Code Craft:** A 3-round coding and debugging challenge.
- **Quizze Brainax:** A multi-round IT quiz testing logic and teamwork.
- **Action in Fraction (IT Dumbcharades):** A fun, tech-themed guessing game.
- **The IT Trifecta:** Aptitude, public speaking, and HR interview simulation.
- **Cine Verse:** Videography contest capturing fest highlights.
- **Tech Spark:** IoT modelling showcasing innovation.
- **Digital Heist:** Jungle-themed treasure hunt challenge.
- **Free Fire & BGMI:** Competitive e-sports tournaments.
- **Web Verse:** A web development and design competition.
- **Spotlight Serenade:** A vibrant talent show with music, dance, and fashion.





STUDENTS CORNER

THE HIDDEN THIRST OF ARTIFICIAL INTELLIGENCE : A SILENT ENVIRONMENTAL CONCERN

Artificial Intelligence (AI) is revolutionizing our world—from chatbots answering our queries to machines generating human-like images and even composing music. But beneath this digital brilliance lies a hidden cost that many people don't realize: AI is thirsty – very thirsty. Recent studies reveal that the development and functioning of AI models consume enormous amounts of water, raising concerns about sustainability and environmental impact.



The Secret Behind AI's Water Use:

To function efficiently, AI models like ChatGPT or image generators require massive computational power. These operations take place in data centers – giant facilities filled with servers that heat up as they work. To prevent overheating, these servers must be cooled, and the most common method involves using water-based cooling systems. Training one advanced AI model can consume hundreds of thousands of liters of clean water. For instance, a study revealed that training GPT-3 required approximately 700,000 liters of water – enough to supply several thousand people with drinking water for a day. Even responding to a simple AI prompt may require milliliters of water, depending on the system and its location.

Why Is This a Big Deal?

Many AI data centers are built in areas already struggling with water scarcity, such as parts of the U.S., India, and Spain. In some towns, like The Dalles, Oregon, AI companies consume up to 25% of the community's water supply. This heavy water use affects local communities, farmers, and ecosystems. As AI continues to grow, so will its demand for electricity and water, putting more pressure on our planet's limited resources.



Can Anything Be Done?

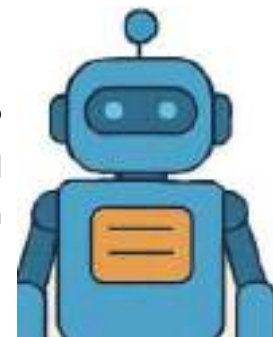
Yes. Several leading tech companies have promised to become “water positive” by 2030, meaning they will replenish more water than they consume. Some are also exploring waterless cooling systems and energy efficient servers. However, promises are not enough. There needs to be transparency, stricter regulations and public awareness to hold companies accountable.

A Digital Future with a Sustainable Mind:

AI is here to stay – and it's improving lives in amazing ways. But we must ask: at what cost? Every prompt, every image generated, every voice response has an invisible environmental footprint. As users and future leaders, we should not only embrace technology but also push for innovation that respects nature.

After all, what's the use of smart machines in a world with no clean water to drink?

Disclaimer: “This article is based on publicly available research. It does not claim to represent any official report.”



Rakshitha N.
I MCA

SCIENCE IN THE SERVICE OF MAN



Life today changed very much from that which existed a few centuries ago. In the economic, social, political and even cultural fields many changes have occurred. Many discoveries and inventions which were the results of the imaginative brain of human beings have brought about variations in ways of life. Science and technology have developed to a large extent and brought to life several changes.

As for communication, the telephone, the telegraph and the cable help to bring people closer. The marvels of modern means of communication have enabled man to speak from space to the people on the earth. Our social life is altered much because of these developments of science.

The benefits of electricity for lighting like electric bulbs, fluorescent lamps, neon lights are seen everywhere.

In engineering and medical fields, science has contributed a lot with innumerable benefits. Medicine has developed much. Research on new cures for many diseases like cancer is still being carried on. Diseases which were once considered to be incurable and operations considered to be impossible, risky and dangerous have become child's play to doctors. Heart operations, transplant of different parts of the body, provision of artificial limbs to the handicapped people are some examples of benefits conferred by science.

Science has served man in several ways. But man has not learnt to serve science. The many inventions that have eased man's burden, that have enlightened him, that have offered avenues of development and progress must be carefully cherished and must not be used to destroy mankind and human civilization.

Science is a doubled edged weapon. If used sensibly, it can serve mankind. If abused, the world would go speedily into the very bad depths of decay and destruction.

Hamsa D.
6th Sem BCA "B"

THE HUMAN BLUEPRINT: DATA, IDENTITY AND THE ILLUSION OF LIFE

Introduction



Have you ever thought what happens to all the data we leave behind like our photos, voice messages, likes, searches, or chats? What if one day, someone could use all that information to recreate a version of you, even after you're gone?

It may sound like a science fiction story, but with how fast technology is moving, this idea is no longer impossible. In today's digital world, our data is not just information it's becoming a digital reflection of who we are. People are calling this our "Digital DNA."

But the real question is: Can data alone truly represent a human being?

What Is Digital DNA?

Just like our biological DNA contains our body's blueprint, Digital DNA is the unique pattern of everything we do online our habits, choices, personality, and even emotions.

Think about it every time you:

- Like a post on Instagram,
- Search something on Google,
- Use Google Maps,
- Talk to Alexa or Siri,
- Share your fitness data with a smartwatch,



You're adding more to your digital self. Over time, companies and machines can learn what you like, how you speak, how you think, and even what you might do next.

For example, studies show that Facebook likes can predict your personality better than your family can. That's how powerful and personal our data has become.

How Technology Is Recreating People

Today there are many tools and software that can use your data to build a digital version of you. Let's look at how it works:

1. Artificial Intelligence (AI)

AI can learn from your texts, photos, and recordings to behave like you. Chatbots like Replika or Character.AI are already doing this they chat like real people, sometimes even copying someone's way of speaking or thinking.

2. Voice and Face Cloning

Software like Descript or ElevenLabs can take a short recording of your voice and copy it. The same goes for your face deepfake technology can make it look like you're speaking in a video, even if you didn't record it.

3. Digital Avatars

Some companies have started building "digital humans" using someone's social media data, videos, and voice. There's a chatbot that was created using a person's old texts and voice notes after they passed away allowing their loved ones to talk to their digital version.

Can Consciousness Be Cloned?

This is where things get tricky. Acting like someone is not the same as being someone. Even if a machine copies your voice and personality, does it really know who you are? Does it have feelings, memories, or awareness like a real person?

Some experts say it's like using a manual to answer questions in a language you don't understand the answers might look correct, but there's no real understanding behind them. So, AI might imitate you, but it cannot feel like you do. It's just repeating patterns.

So maybe, for now, a digital version of you is more like a mirror than a real person.

The Ethics of Digital Resurrection

If someone can bring back your voice, face, or personality using your data should they?

1. Who Owns Your Data After Death?

If you didn't give permission, is it right for others to use your data to recreate you?

2. Emotional Effects on Family

Some people might feel comforted by talking to a digital version of a loved one. Others might find it painful or confusing. Is it healing or is it making it harder to move on?

3. Misuse and Fake Identities

What if someone uses your face or voice to commit fraud or spread false information? Deepfakes are already being used in harmful ways it's a big risk to our trust and safety.

4. Moral and Cultural Questions

In many cultures, life and death are seen with deep respect. Bringing back someone digitally might feel wrong or unnatural to many people.

You're Already Building Your Digital Self

We don't need to wait for the future this is already happening now.

- Your phone collects health and activity data every day.
- Apps and websites learn your choices to show you ads or videos.
- Your chats, selfies, search history all are saved somewhere in the cloud. You're creating your **Digital DNA** whether you realize it or not.

India and the Digital Future

India is moving fast in the digital world. With systems like **Aadhaar**, **UPI** and **DigiLocker**, we're building a strong digital society. But as we grow, we must also **protect people's privacy and respect human dignity**.

As students and future tech creators, we must ask:

- Are we building software that respects users as people not just data points?
- Are we educating others about their data rights?
- Are we thinking about the long-term effects of the tech we create? It's not just about what we can build it's about what we should build.



Final Thoughts

So, can you be recreated through your data?

Maybe a part of you your habits, your voice, your jokes can live on in the digital world. But your full self your soul, your feelings, your dreams can't be copied by machines.

Still, the line between real and digital is getting thinner every day. Our data is becoming more than just numbers it's becoming our second self.

That's why we must be careful with how we share data, what permissions we give, and what kind of future we are coding.

Ask yourself: **What kind of digital person are you becoming and who will control it?**

Vani.V

MCA Student | Pragnya Science Forum

WHY STUDENTS MUST EMBRACE AI TO BOOST THEIR SKILLS AND CAREERS

Artificial Intelligence (AI) is quickly becoming a foundational skill for the modern workforce across all fields, not just technical ones. Relying solely on academic achievement is no longer enough; to build future-ready careers, students must engage with AI now to enhance their skill sets, adaptability, and long-term employability.

Moving Beyond Academics : The New Reality

Traditionally, excelling in school and scoring high grades was seen as a pathway to success. Today, this approach is outdated. Employers increasingly seek candidates who combine academic strength with adaptability, creativity, analytical thinking, and a comfort with technology especially AI. As industries evolve, the gap widens between those who upskill with emerging technologies and those who do not. Students who focus only on academic results risk being left behind, just as companies that ignored the internet revolution faded into irrelevance.



How AI Empowers Students

- **Personalized Learning:** AI-driven tools identify your strengths and weaknesses, offering targeted resources and feedback to close skill gaps. This personalization accelerates your learning and development, making you more adaptable and prepared for real-world challenges
- **Project-Based Skills:** Using AI in collaborative student projects nurtures problem-solving, teamwork, communication, and creative thinking all crucial for any modern career
- **Career Guidance:** AI-powered platforms can analyze your interests and abilities, provide up-to-date labor market insights, and suggest best-fit career paths, internships, and course selections. This helps you make informed decisions about your future, rather than relying solely on traditional career advice
- **Continuous Feedback:** AI tools deliver real-time analysis of your progress, allowing you to refine your goals, monitor skill development, and adjust strategies as industries and technologies evolve

Benefits for All Fields—Not Just Technical

- **Business & Management:** AI transforms how companies forecast markets, analyze consumer trends, and optimize operations. Understanding AI-powered analytics and automation is now a must-have for future leaders and managers
- **Healthcare:** From diagnostics to patient data management, AI increases efficiency and accuracy, making medical staff more effective and opening up new research opportunities
- **Arts, Media, and Humanities:** AI tools help create content, analyze audience engagement, and support linguistic research. Artists and writers who harness AI for creativity or analysis stand out in crowded creative industries
- **Environmental and Social Sciences:** AI analyzes complex data sets to model climate change or predict social trends, helping researchers and policymakers make data-driven decisions
- **Education and Social Work:** AI-based career exploration and guidance platforms are reshaping how young people and professionals plan and develop their careers, expanding choices far beyond traditional tracks

Key Skills Students Build Through AI

- Critical thinking and problem-solving by analyzing AI-generated scenarios.
- Digital literacy and adaptability by working with new tools and technologies.
- Communication and collaboration using AI-facilitated platforms in group projects.
- Career confidence and emotional agility, as AI helps simulate future scenarios and strengthens decision-making skills
- Responsible and ethical use of technology, learning how AI affects privacy, fairness, and transparency

What Should Students Do Now?

- Actively learn about AI: Take online courses or join workshops, even if your field isn't computer science.
- Use AI tools for assignments: Try grammar checkers, research bots, design or data analysis platforms to improve your work output and creativity.
- Pursue internships or extracurriculars that involve AI: Real-world experience is invaluable for building your resume and confidence.
- Stay curious and experiment: The students who thrive will be those willing to experiment and adapt, not just memorize.



In short, future success demands a shift: simply excelling at academics no longer guarantees a fulfilling or stable career. Students who adopt AI early develop the broad, in-demand skills required across all industries and position themselves as leaders, innovators, and lifelong learners in a rapidly changing world.

ART GALLERY

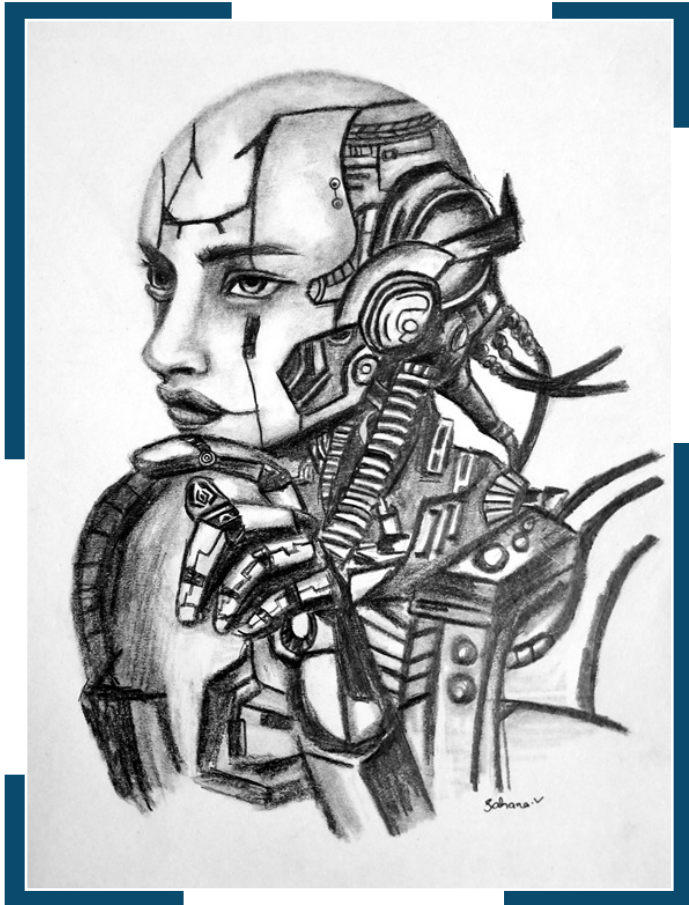




PHOTO GALLERY



II MCA Students Industrial Visit



II MCA Students Certification Program



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III BCA 'B'



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