



BYTES & INSIGHTS

"Triumphs Unveiled: Bytes of Success, Insights of Victory."

News Bulletin of the Department of Computer Science, St. Clare College, Bengaluru

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MESSAGE FROM THE HEAD OF THE DEPARTMENT

Nurturing Sustainable Competency Through a Collaborative Framework



In the current era of technological advancements, the prospects of nurturing competency have become ubiquitous. Technological innovations such as Spatial Computing, Adaptive Learning Platforms and

Intelligent Computing have creatively simulated authentic teaching-learning environments. The young generation started embracing the digital world to cherish their personal, academic and professional experiences.

Can we achieve competency through just the advancements in technology? According to me, competency cannot be limited to achieving academic and professional goals followed by survival in the respective domains.

It is time for us to think about fostering sustainable competency among young aspirants. A value-driven, holistic and real-time teaching-learning practice by utilising the transformative power of technological innovations can help us to achieve the dream of sustainable competency.

Exploring the exciting possibilities of technology can facilitate the development of the next generation of IT (Information Technology) leaders, innovators, and creative problem solvers as we navigate through the digital era. Let the year ahead drive us to build a collaborative framework by merging certain classic approaches with apt technological advancements that enable value-oriented teamwork, seamless knowledge-sharing and unique teaching-learning experiences for achieving sustainable competency to lead a life of contentment.

Ms. Jayalakshmi R
Head of the Department

FACULTY MEMBERS OF THE DEPARTMENT



Dr. Chinmaya Dash



Ms. Renita Blossom Monteiro



Ms. Suma N



Ms. Mary Joyce Vincia V



Ms. Rashmi B K



Ms. Bincy Joseph



Ms. Jeya Sudha M

CELEBRATING EXCELLENCE: B S SPOORTHY



Batch: 2020-23

B. S. Spoorthy, a graduate student from the Computer Science Department, has achieved an impressive feat. In the 2020-23 batch, Spoorthy secured a remarkable 97.64 percentage and clinched the second position at Bangalore University. This outstanding performance reflects both dedication and excellence in computer science. Congratulations to Spoorthy on this remarkable achievement.

SPORTS ACHIEVEMENTS



Date: August 15, 2023

Sheryas B. S., a promising student from the Computer Science Department, was selected to participate in the prestigious Chief Minister Rally held during the Independence Day Parade on August 15, 2023. The grand event occurred at the historic Manekshaw Parade Grounds, where Sheryas showcased his dedication and talent alongside other distinguished participants. His presence at the rally exemplified the spirit of youth engagement and commitment to national celebrations.



Date: October 29, 2023

Ashley Antony, student of Computer Science Department, emerged victorious in the Bangalore University Intercollegiate Basketball Tournament held on October 29, 2023.

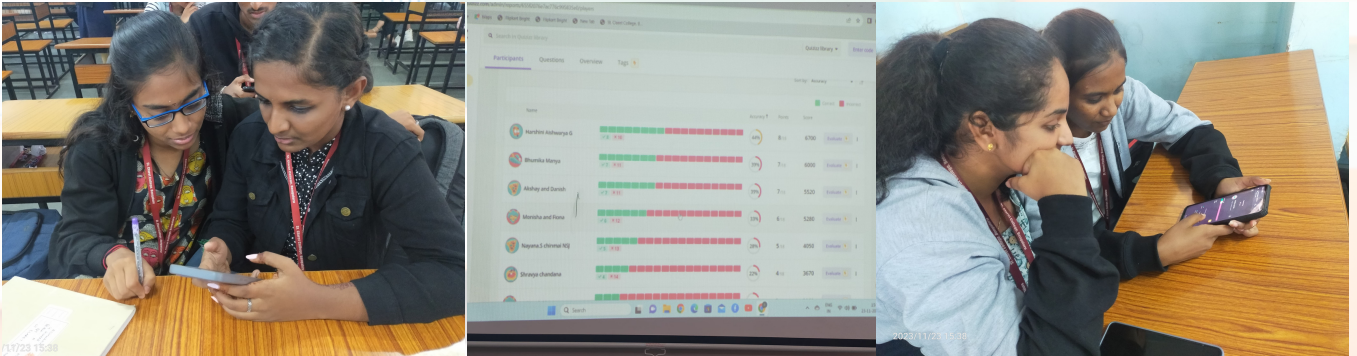


Date: November 24, 2023

Madhushree M R, student of Computer Science Department, secured the second position in the 20km walk event during Bangalore University's Intercollegiate Athletics Tournament 2023–2024, which was held on November 24, 2023. Additionally, she earned a spot in the All-India Cross-Country Run, competing in the 10-kilometer run.

IT CLUB TECHNOPHILIA

A Resounding Success at the Department of Computer Science



Date: November 24, 2023

In a vibrant celebration of technological prowess, the Department of Computer Science, IT Club hosted its annual intra-departmental event, **TECHNOPHILIA**. This year marked a significant milestone as the department welcomed the first edition of **TECHNOPHILIA** for the academic year 2023–2024. The event took place on November 24, 2023. From intense coding challenges to the artistry of logo design, **TECHNOPHILIA** offered a diverse range of competitions.

INSPIRE 2024

Department of Computer Science Hosts Sixth Annual Intra-Collegiate Information Science Fest



Date: January 24, 2024.

INSPIRE 2024, an exhilarating Intra-Collegiate IT Fest organized by the IT Club of the Department of Computer Science, unfolded on January 24, 2024. This marked the sixth edition of the fest for the current academic year (2023–2024).

INDUSTRIAL VISIT

Students of Department of Computer Science visited KGTTI



Date: August 28 and 29, 2023.

The Computer Science Department of St. Claret College organized an industrial visit to Karnataka German Technical Training Institute (KGTTI), Nagasandra, on August 28 and 29, 2023. The primary objective of this educational excursion was to equip students with skill-specific training, enhancing their employability prospects in the global workforce while fostering a spirit of entrepreneurship. During the two-day tour, students had the opportunity to delve into various laboratories at KGTTI, gaining hands-on experience with cutting-edge technologies. The institute's state-of-the-art facilities provide a conducive environment for learning and exploration. As they interacted with industry professionals and witnessed real-world applications of theoretical concepts, the students were inspired to pursue excellence in their field. KGTTI's commitment to nurturing talent and fostering innovation aligns with the vision of empowering the next generation of computer scientists. This industrial tour served as a bridge between classroom learning and practical exposure, preparing students to thrive in the dynamic landscape of technology and business.

EXPERT TALKS AND INTERACTIVE SESSIONS

SESSION ON 'CAREER COUNSELLING'



Date: August 11, 2023

On August 11, 2023, the Department of Computer Science at St. Claret College organized a Career Counseling event in collaboration with the Career and Placement Cell. Ms. Prameela B, the Placement Officer from the Career and Placement Cell, served as the resource person for the day. The event took place in the college's conference hall, where Ms. Prameela engaged the students in various activities aimed at assisting them in defining their career goals for the next five years. The insightful session provided valuable guidance to the students, empowering them to navigate their academic and professional journeys effectively.

SESSION ON 'ACADEMIC RESEARCH'



Date: August 28 and 29, 2023

The Department of Computer Science hosted an Academic Research Session on August 28 and 29, 2023. Enthusiastic students from I BCA A & B actively participated in this knowledge-sharing endeavor. The workshop's primary objective was to foster a deeper understanding of research methodologies and ignite curiosity among the budding tech enthusiasts.

SESSION ON 'LINKEDIN'



Date: August 30, 2023

The Department of Computer Science at St. Claret College organized an insightful session on LinkedIn, which took place on August 30, 2023. Mr. Pattupogula Hari Sankar, a distinguished aptitude and soft skills specialist from FACE Prep, was invited as the resource person for the day. During the session, Mr. Sankar emphasized the distinctive aspects that set LinkedIn apart from other social media platforms such as Instagram. He highlighted the importance of creating a LinkedIn profile for professional networking and career growth.

SESSION ON 'INTERNSHIP'



Date: August 31, 2023

The Department of Computer Science at St. Claret College organized an enlightening session on internships. Held on August 31, 2023, the event aimed to empower students with essential knowledge about internships and equip them with the skills needed to excel in internship interviews. The interactive session witnessed enthusiastic participation from students of I BCA A & B. Students were keen to explore the world of internship and gain practical insights. The resource people were Mr. Heera S, a VFX trainer, Ms. Suhasini, a team leader, and Ms. Neetu Shrikantha, an experienced instructor in Design Roots.

EXPERT TALKS AND INTERACTIVE SESSIONS

SESSION ON 'IPR AND INNOVATION AMBASSADORS'



Date: September 1, 2023

The Department of Computer Science at St. Claret College organized a special session on Intellectual Property Rights and Innovation Ambassadors. The event took place on September 1, 2023. The primary objective of the session was to educate students on the value of patenting, the process of obtaining copyright, and how to effectively make patent claims. Dr. Safeer Pasha, an esteemed associate professor from the Department of Commerce, served as the resource person.

SESSION ON 'INTELLECTUAL PROPERTY RIGHTS'



Date: October 27, 2023

The Department of Computer Science at St. Claret College organized an enlightening seminar on intellectual property rights (IPR) which was held on October 27, 2023. The seminar aimed to equip students with a comprehensive understanding of various aspects related to intellectual property rights. Dr. Roopa, Associate Professor in the Department of Computer Science, served as the esteemed resource person for the day.

The seminar took place in the APJ Abdul Kalam Auditorium, providing an ideal platform for knowledge exchange and fostering awareness about IPR among the budding technocrats.

SEMINAR ON 'INFORMATION TECHNOLOGY'



Date: November 9, 2023

The Department of Computer Science at St. Claret College hosted an enlightening seminar focused on Information Technology which was held on November 9, 2023. The session featured Mr. Srikanth S P, an esteemed assistant professor who served as the resource person. Students actively engaged with the speaker, discussing real-life examples and applying their acquired knowledge. The seminar provided a valuable platform for fostering critical skills and preparing the next generation of tech-savvy professionals, bridging the gap between academic learning and industry standards.

SESSION ON 'ENTREPRENEURSHIP: A RIDE TOWARDS STARTUP INDIA'



Date: November 17, 2023

The Department of Computer Science at St. Claret College organized a seminar titled "Entrepreneurship: A Ride Towards Startup India"

EXPERT TALKS AND INTERACTIVE SESSIONS

on November 17, 2023. The guest speaker, Ms. Neelima Vobugari, co-founder of AiEnsured, a prominent startup based in Bangalore. The seminar provided a platform for students to engage in a lively exchange of ideas and network with likeminded individuals. The event aimed to equip students with valuable advice on nurturing entrepreneurial ideas and igniting their passion for entrepreneurship. The event was a huge success, with participants leaving with newfound inspiration, knowledge, and motivation to pursue their entrepreneurial dreams.

EXPERT TALK ON 'AI-WAY FORWARD AND CAREERS'

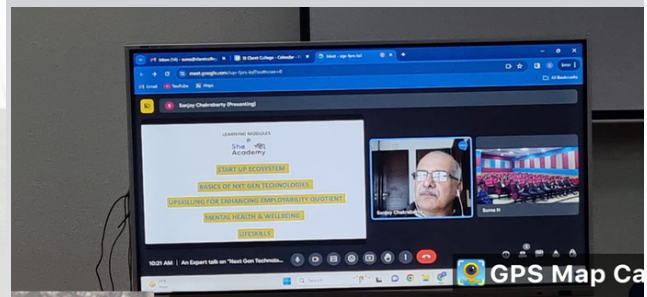


Date: January 10, 2024

The Department of Computer Science at St. Clare College hosted a dynamic panel discussion featuring experts who explored the intersection of artificial intelligence (AI) and job prospects. The talk aimed to empower students by enhancing their understanding of generative and predictive AI, while also exploring potential real-world applications of AI. Ms. Neelofar Shaik, the Head of Outreach at CareerBeam-Vital Launchpad, and Mr. Nagesh Jayaram, a Technology Consultant at NTCAS, graciously shared their insights.

During the discussion, the experts highlighted the importance of developing skills that complement the use of AI, such as critical thinking, creativity, and problem-solving. They also emphasized the need for companies and organizations to invest in AI research and development. Overall, the event was a resounding success, and it served as a valuable platform for students and professionals alike to gain a deeper understanding of the role that AI will play in shaping the job market of the future.

EXPERT TALK ON 'NEXT GEN TECHNOLOGIES FOR WOMEN EMPOWERMENT'



Date: January 12, 2024

The Department of Computer Science and She Academy collaborated to organize a groundbreaking event titled: "Next-Generation Technologies for Women's Empowerment" which was held on January 12, 2024. The event witnessed an enthusiastic participation from female students within the department, who were eager to learn about the latest technologies and their potential to drive change. Mr. Sanjoy Chakrabarty, the CEO and Founder of MILLIONMINDS/Graphene Campus Connect Pvt Ltd in Mumbai, was the esteemed resource person and honored guest at the event.

WORKSHOP ON 'COMPETITIVE EXAMINATIONS'



Date: October 17, 2024

The Department of Computer Science in association with J V Globals organized a dynamic workshop on Competitive Examinations at St. Claret College. The event was held on October 17, 2024, aimed to equip students with essential insights into navigating the challenging landscape of competitive exams. Ms. Supriya J, a seasoned Content Developer and Soft Skills Trainer, served as the resource person for the workshop. Participants gained valuable knowledge about examination patterns, effective preparation strategies, and interview success techniques.

EXTENSION ACTIVITY



Date: November 25, 2023

The Department of Computer Science at St. Claret College initiated extension activity at the Anugraha residence on November 25, 2023. A heartwarming 30-hour extension program was organized at an orphanage in Anugraha by ten compassionate students of our department and two professors with the goal of uplifting, educating, and supporting the youngsters living there. The program was specially designed to meet the needs and interests of the girls aged six to sixteen who are being housed at the orphanage. Serving as mentors and role models, the students created a loving atmosphere in which the kids felt appreciated, inspired, and free to pursue their interests and abilities.

STUDENT PLACEMENTS

VERIZON



Ms. Aishwarya C



Ms. Harshini R



Ms. Kusuma B M



Ms. Maheshwari R



Ms. Shikha Rajawat



Ms. Shreya K G



Mr. Varun P S



Mr. Vivek M Patel

Date: November 28, 2023

In the academic excellence and career aspirations, several students from our department have achieved remarkable success in the placement drive conducted by Verizon on November 28, 2023. Aishwarya C, Harshini R, Kusuma B M, Maheshwari R, Shikha Rajawat, Shreya K G, Varun P S, and Vivek M Patel have emerged as the proud recipients of placement offers with an impressive annual package of 4.2 LPA. The students have not only secured a promising start to their professional journeys but have also gained the opportunity to pursue a master's in technology through the Work Integrated Learning Program (WILP) at the prestigious Birla Institute of Technology and Science).

CODEYOUNG



Ms. Sahithya P



Mr. N Lakshit Jain



Ms. Asiya Khanum

Date: December 12, 2023

In a resounding triumph for our department, three exceptional students have secured coveted positions in CodeYoung during the recent placement drive. Sahithya P, N Lakshit Jain, and Asiya Khanum have proven their mettle by clinching offers with an impressive annual package of 7.36 LPA.

MICROLAND



Mr. Vivek Kumar V



Ms. Hemamalini M

Date: December 16, 2023

Celebrating a significant achievement in our department, two outstanding students, Vivek Kumar V and Hemamalini M, have successfully secured positions in Microland during the placement drive. Their commendable efforts have earned them a rewarding annual package of 3.15 LPA, coupled with enticing incentives. This accomplishment not only reflects the prowess of our students but also underscores the industry's confidence in the quality of education and training provided by our department.

APPRECIATION NOTE

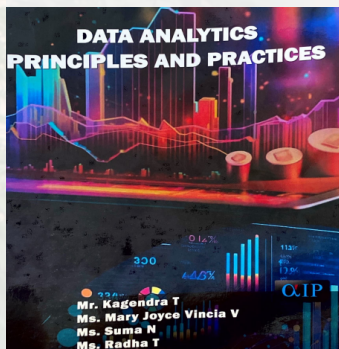


Mr. Yadhu Krishna U

A competition was held among the students of the department to propose a title for the news bulletin. There were quite a few responses from the students. Yadhu Krishna U, a diligent student of I BCA- A, suggested the name "BYTES & INSIGHTS". His thoughtful suggestion deserves sincere appreciation.

FACULTY ACHIEVEMENTS

BOOK PUBLICATION



"Data Analytics Principles and Practices" is a vital resource for novices and experts alike in the field of data analytics. This book provides a thorough examination of the core ideas, procedures, and applications of data analytics. It was written by three professionals in statistics and computer science: Mr. Kagendra T., Ms. Mary Joyce Vincia V., and Ms. Suma N. The focus on real-world application that "Data Analytics Principles and Practices" places is one of its main advantages. Using well-known programming languages and tools including Python, R, and SQL, the book provides practical exercises and code examples.

List of Journal Publications

Sl. No.	Title of the Paper	Name of Author(s)	Name of the Journal	Year of publication	ISBN/ISSN number
1	Part of Speech Tagger and Syntactic Parser for Tulu Language using Machine Learning Approach	Ms. Renita Blossom Monteiro and Ms. Divya V. R.	Indian Journal of Natural Sciences	2023	0976-0997 (Volume 14, Issue 80)
2	Edge Computing with the Internet of Things	Ms. Suma N., Ms. Mary Joyce Vincia and Ms. Bincy Joseph	Indian Journal of Natural Sciences	2023	0976-0997 (Volume 14, Issue 80)
3	Multiple Enhanced Residual Networks for Deep Learning-Based Medical Image Super Resolution	Ms. Jayalakshmi R	Indian Journal of Natural Sciences	2023	0976-0997
4	The Pretend Artificial Intelligence Podium for Cloud Defence	Dr. Chinmaya Dash and Lt. Dr. Prakash Chandra Behra	Journal of North Eastern University	2023	1005-3026
5	An Efficient Framework for Classifying Heart Diseases using Ensemble Machine Learning Techniques	Ms. Rashmi B.K	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	2023	2456-3307

EDITORS



Ms. Bincy Joseph
Staff Editor



Mr. Adith S
Student Editor