



DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE (AUTONOMOUS)

RE- ACCREDITED BY NAAC WITH A++ GRADE

College with potential for Excellence, Linguistic Minority Institution,

[Affiliated to University of Madras]

#833, E.V.R Periyar High Road, Arumbakkam, Chennai - 600 106

PG DEPARTMENT OF INFORMATION TECHNOLOGY & B.C.A.

MESSAGE FROM SECRETARY

My heartily greetings. It gives me a great pleasure to release second edition of “*InfoVision*” newsletter of PG Department of Information Technology and B.C.A. This newsletter share information of department related activities and helps students to express their creativity. Our institute provides high standards of education and enabling students to achieve professional competence in their chosen field. We encourage our students to not only have a great academic career but also in extracurricular activities and sports. I congratulate PG Department of Information Technology & B.C.A. for making this newsletter and wishing them all success in their future work.



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MESSAGE FROM PRINCIPAL



I am very delighted to release “*InfoVision*” the second edition of newsletter of PG Department of Information Technology and B.C.A. This newsletter will provide the ongoing and forthcoming activities of the department and opportunity for students and faculty members to share their knowledge on recent trends in computer science and technologies. Our curriculum and practices are consistently reviewed and students are helped to focus on confidence building, while nurturing a strong sense of social and environmental responsibility through academic and co-curricular activities. I congratulate the department for taking initiative to bring out this newsletter and would like to see them soar to new heights and success in all their endeavors.

ABOUT INFOVISION

Today modern world runs on a technology includes Machine Learning, Artificial Intelligence, Brain Computer Interface, Network Security and Internet of Things. The PG Department of Information Technology and B.C.A aim to promote its students and staff to concentrate in the area of research with the help of “infovision” and also it shares various activities carried out by the department & provide platform for the students to exhibit their talent.

MESSAGE FROM

HEAD I/C



Technology, at the pace with which it is changing in the 21st century demands a mix of creative and innovative skill sets for student to be successful. Creativity has been pegged to conducive environments, personality traits, serendipity, and even spiritual muses. The demand for creative and innovative student is unending and is the need of the hour as creative minds lead to innovative ideas. One such a step to harness and promote the creativity and learning aspect of students is “**INFOVISION**” the department magazine and “**INFOCA**” the department forum which offers a platform for students to express and showcase their talent in various technical and non technical domains.

ABOUT THE DEPARTMENT

The department of B.C.A was started in the year 1998 and the M.Sc IT was started in the year 2001. From July 2022 BCA and M.Sc IT courses were integrated and it is named as PG Department of IT & B.C.A. with an aim of providing conducive ambience for learning management & career oriented subjects, keeping in view of changing trends in direction. In the year 2009 the college has attained autonomous status which helps the department to introduce specialization subjects and also came out with innovative papers to meet the current industry requirement. The department has always recorded a high success rate. We are also proud of our alumni. Most of them are well placed in reputed organizations and hold key positions. Institutional training is also part of academics which student undergoes every year to get exposure to corporate world. The department has been revising the syllabus regularly under the choice based credit system. Student takes part in various cultural and extracurricular activities and win many prizes and bring laurels to the department and college.

VISION & MISSION

- ♦ Imparting quality education, equipping students with latest tool and technologies of computer science to face in computer industry.
- ♦ To facilitate a conducive environment for post-graduate education in the field of information technology and to produce graduates for global society with moral values.

FACULTY PROFILE



Dr. K. Angayarkkani,
M.Sc, MCA, M.Phil, Ph.D,
Assistant Professor
Head i/c



MS. M. Kalaivani,
M.C.A. M.Phil, SET
Assistant Professor



Dr. A. Anitha,
M.Sc, M.Phil, Ph.D, NET, SET
Assistant Professor



Ms. S. Sivaranjani,
MCA, MBA, M.phil, SET
Assistant Professor



Mr. N. Jagadeesan,
M.Sc, M.Phil
Assistant Professor



Dr. S Anitha,
M.Sc, M.Phil, Ph.D
Assistant Professor



Ms. S. Shanmuga Priya
M.C.A. M.Phil, SET
Assistant Professor



Dr. U. Latha
M.Sc, MCA, M.Phil
Ph.D



Ms. S. Kavitha
M.C.A. M.Phil, SET
Assistant Professor



Ms. L. Meena
M.C.A. M.Phil, SET
Assistant Professor



Ms. K. Ramya
M.C.A. M.Phil, SET
Assistant Professor



MS. M. Archana
M.Sc M.Phil
Assistant Professor



Mr. E. Panneer Selvam
M.C.A. M.Phil, NET, SET
Assistant Professor



Dr. S. Karunya
M.C.A. M.Phil, Ph.D
Assistant Professor

DEPARTMENT ACTIVITIES

WORKSHOPS / SEMINARS / EVENT ORGANIZED

PG Department of Information Technology and B.C.A has organized various academic activities which includes Guest Lectures, Seminars, Workshops, Skill-Based Training Programs (Aptitude & Mock HR Interviews), Technical Symposium, Industrial Visits, EVS and Field trip and. The following is a summary of the events organized by the department.

Investiture Ceremony:

The department forum “INFOCA” was inaugurated and badge was awarded to the student members of the forum by **S. Ravichandran, Assistant Commissioner of Police, Anna Nagar** and the **principal Dr. S. Santhosh Baboo** was delivered the Presidential address. Motivational Speech was given by **Arun & Aravind Actor & Director, Vijay Television**.



Seminars:

The department organized several seminars on different topics related to the field of information technology, computer applications and carrier development. The seminar topics includes **Current Trends in SDLC, Dr.S. Somasundaram, Delivery Manager, HCL Technologies Importance of Higher Education by Mr. Rajesh Balasubramanian , CEO, 2IIM CAT Preparation.**

Guest Lectures:

The department organized several guest lectures by industry experts who shared their experiences and knowledge with the students. The guest lectures covered topics such as **The Future of Work by Mr. Aravind Bharathi HR Leader, CDFI. Technology that Helps the Future by Mr. Suddarshan Lead Technical Architect, CEO, DO IT Solutions. Awareness on the Market Mr. Akshay Aniruthan, Managing Partner, DO IT Solutions. A Career Prospects in Software Testing Jobs by Charanya B, Technology Architect LEAD, Accenture. Personality Development by Mr. SomasajeevanTK President, Global Operations. Diversion, Inclusion from Communicative Perspective and Data Science by Dr.U.Venkateswara Associate Professor, St.Joseph College of Engineering. Guest Lecture on Data Science by Ms. P. Priayadarshini, Lead Data Scientist, Indium Software Pvt Ltd.** The lectures were informative and interactive, providing the students with an opportunity to clarify their doubts.

DEPARTMENT ACTIVITIES (Contd...)

Invited Talks:

The department organized invited talks by eminent resource persons and industry experts. **Gender Sensitization** topics such as **Legal Awareness for Women and Insights on Women Cyber Security** by MS. B. Priyadharshini, Assistant Public Prosecutor, Metro Magistrate Court and Ms. P. Santhi Devi (Inspector of Police, Cyber Crime Branch, Anna Nagar, Chennai). The department also organized an Invited talk in association with **Institution Innovation Council** on "**Bootstrp: Startup for Attending Interviews**" by MR. Prakash Rajasekar, Senior Manager, HCL Technologies Ltd.

Workshops:

The department organized several workshops on programming languages such as **Ethical Hacking** by Mr. Pradhan Vijayakumar, Founder, Zert2Infynite and Mr. Rodney Roger Senior Trainer, Zero2Infynite. **Cloud Computing – AWS** by Mr. Akshay Aniruthan DOIT Solutions. **Full Stack Development** by Mr. Akshay Aniruthan, DOIT Solutions and Ms. Jayasri Trainer, DOIT Solutions. **Boot Camp on Web Development-Crumpet Learning** by Mrs. Jayasri, Software Trainer, Crampete Learning Centre. The workshops were conducted by experienced trainers who provided hands-on training to the students.

Skill Development Programs:

The department organized **Two days skill development programs** on **Council of Europe Framework (CEFR) and Aptitude** by Vee Dia, Veebros Global Publications Pvt Ltd. The programs were conducted by industry experts who provided hands-on training to the students. The programs were designed to help the students develop their skills and enhance their employability.

HR Training Program:

The department organized a two days "**HR Training, Aptitude and Communication**" by Vee Dia, Veebros Global Publications Pvt Ltd program to help the students prepare for their job interviews and resume building.

DEPARTMENT ACTIVITIES (Contd...)

Exposure for the Students:

The department organized an industrial visit for final year UG and First and Second year of PG to **AICL, TEK-MEADOWS - Sholinganalur**. The second year BCA students were taken for EVS Field Trip to - **Tamizh Nalam Tamizh Pannai-Thirukazhukundram**. The students were able to see how the locals use traditional methods of farming, such as natural fertilizers, crop rotation and terrace farming. They also got an insight into their lifestyle, culture and beliefs. First year UG Students visited the Chennai Rivers Restoration Trust Park as part of the Field Trip.

Quiz Program on Cyber Security:

In celebration of Cyber Security **Jaagrookta Diwas**, the PG Department of Information Technology and B.C.A is organized a **Quiz Program on Cyber Security**. The main aim of the program is to educate and raise awareness about the importance of cyber security.

Alumni Meet:

The department conducted Alumni meeting. This event was an opportunity for alumni to reconnect and share their experiences since graduating. It also provided a platform for the current students to learn from the alumni's collective wisdom and gain insights into the industry.

Value Added Programs (Certificate Programs):

The value-added programs offered by the PG Department of Information Technology and B.C.A have been highly successful in helping students to gain practical knowledge in their field. For PG (M.Sc IT) Certificate in Advanced Ethical Hacking was conducted. For final year BCA Certificate in Full Stack Development and for Second year BCA Amazon Web Services – Cloud Computing was conducted. For first year BCA two certificates courses were conducted namely Video Editing and Ethical Hacking. Video Editing was done by CSIT, which is a branch of **National Council for Vocational Training (NCVT)** recognized by MHRD, Govt of India.

DEPARTMENT ACTIVITIES (Contd...)

MoUs:

The department at has signed two Memorandums of Understanding (MoUs) with AICL and Veebros Global Publications Pvt Ltd. The MoUs signed companies conducted value added courses and guest lectures, seminars and workshops.

Parent Teachers Meeting:

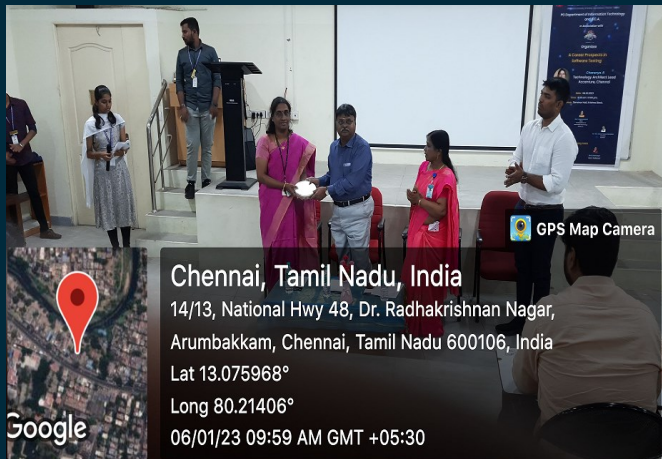
The department conducts **Parent Teachers Meeting** classwise for every semester to discuss the academic progress of their wards and to improve if necessary.

Student Induction Program:

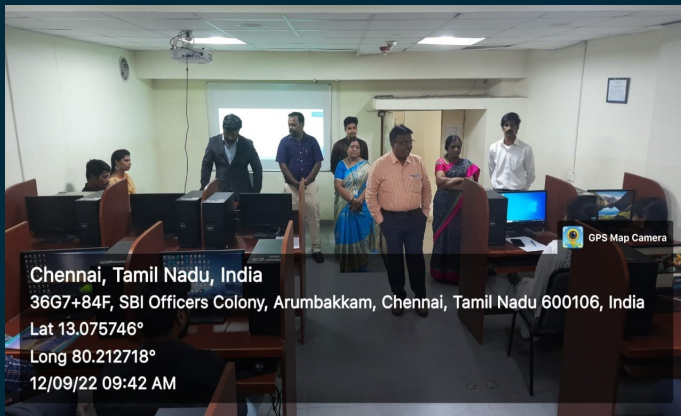
The department organized a **Six days Student Induction Program** from **16th August 2022 to 24th August 2022** for the newly admitted students. The program covered topics such as the **Role of Yoga Mental and Physical Health, Key to Success, Purpose to Pursue, Motivational Speech, Tradition and Managing Change from School to College and the world beyond!, Physical Education and Sports Pedagogy and Reminiscences, Entrepreneurship and Innovation as Career Opportunity, Be You! Be More! - Some Insights on Financial Writing and Life, and Introduction about college clubs regulations of the institution, and the services provided by the department.** The program was designed to help the new students settle down and get acquainted with the institution.



GLIMPSES OF DEPARTMENT ACTIVITIES



GLIMPSES OF DEPARTMENT ACTIVITIES



ARTICLES

CLOUD COMPUTING

Cloud computing is a general term for anything that involves delivering hosted services over the internet. It doesn't store any data on your personal computer. These resources include tools and applications like data storage, servers, databases, networking, and software. Cloud storage has grown increasingly popular among individuals who need larger storage space and for businesses seeking an efficient off-site data back-up solution. Cloud security has become an increasingly important field in IT.

The History of Cloud Computing started in the early 1960s. During this period the concepts of time-sharing took a rise via Remote Job Entry. This terminology was associated with IBM and DEC (Digital Equipment Corporation). Due to this growth, full time-sharing systems were available by the early 1970 s. By the 1990's, few telecommunication giants started offering VPN (Virtual private network) services at affordable costs. As they could do by switching traffic with proper server use, it made them use the overall network more effectively.



Deployment Model :

- ⇒ Private Cloud
- ⇒ Public Cloud
- ⇒ Hybrid Cloud

PRIVATE CLOUD : A Private Cloud is a model of cloud computing where the infrastructure is dedicated to a single user organization.

PUBLIC CLOUD : The public cloud is defined as computing services offered by third-party providers over the public Internet, making them available to anyone who wants to use or purchase them.

HYBRID CLOUD : Hybrid cloud is a combination of public and private clouds.

Hybrid cloud = public cloud + private cloud . Mainly, a hybrid cloud is used in finance, healthcare, and Universities.

Santhosh P
III BCA – 'A'

ARTICLES

QUANTUM COMPUTING

A quantum computer is a computer that exploits quantum mechanical phenomena. At small scales, physical matter exhibits properties of both particles and waves, and quantum computing leverages this behaviour using specialized hardware. Classical physics cannot explain the operation of these quantum devices, and a scalable quantum computer could perform some calculations exponentially faster than any modern "classical" computer. In particular, a large-scale quantum computer could break widely-used encryption schemes and aid physicists in performing physical simulations; however, the current state of the art is still largely experimental and impractical.

The qubit, which is comparable to the bit in conventional digital electronics, is the fundamental unit of information in quantum computing. A qubit can exist in a superposition of its two "base" states, which roughly translates to being in both states simultaneously, unlike a classical bit. The outcome of measuring a qubit is a probabilistic classical bit. The desired measurement findings can be amplified by wave interference effects if a quantum computer manipulates the qubit in a specific way. Designing quantum algorithms entails developing practises that enable a quantum computer to carry out computations effectively.

Advantages :----

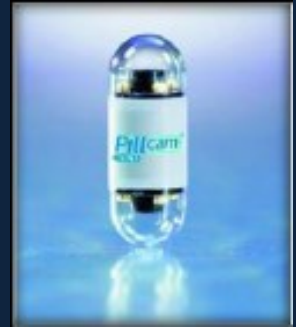
- ♦ Google and NASA, for instance, asserted quantum superiority in 2019 by performing a computation to produce a truly random number that would have required a super-computer hundreds of years to complete. The task was completed in a matter of seconds by the quantum computer.
- ♦ Quantum computers not only solve these issues more quickly, but they are also more energy and carbon emission efficient. Quantum computers employ the characteristics of qubits to speed up processing, whereas conventional computers must consume a lot of electricity to brute force their way through potential solutions.
- ♦ Quantum computers also scale more quickly than conventional computers as they add qubits. A typical computer scales linearly, so 200 bits are equivalent to 100 bits in power.

D. Srisai
III BCA – 'A'

ARTICLES

PILL CAMERA IN MEDICINE

Capsule endoscopy for the colon was introduced to allow an alternative screening method to the invasive classic colonoscopy. Wireless capsule endoscopy of the digestive tract was conceived of by Gabi Iddan and Paul. Capsule endoscopy was uniquely fit to examine the small bowel. Direct inspection of the mucosa of the small bowel was made possible without invasive tools and laborious challenging procedures, either for the patient or physician. The developers of capsule endoscopy sought to extend this methodology to the colon. The thinking was that the colonic surface could be inspected without undergoing colonoscopy which is invasive, uncomfortable (air insufflation), requires sedation and carries a small but not negligible risk of complications. Such a device would lend itself to screening the population for colonic polyps and cancer



Evolution of Capsule Endoscopy:

The capsule endoscope has the camera on one end and the radio transmitter unit on the other end. The capsule can enter the small bowel either with the camera or with the radio transmitter leading. Since the small bowel is narrow, the length of the capsule (27 mm) prevents it from turning around. The capsule has to travel through the stomach and small bowel to reach the colon. This journey is time consuming. While the capsule travels through the intestinal tract to reach the colon it transmits images. This journey therefore also consumes the energy stored in the two capsule batteries. The drained batteries would cease transmission of images before the capsule reaches the end of the colon. Two changes were made to solve this problem. A third battery was added which made the capsule slightly longer (31 mm) and a sleep mode was added to economize on energy.

R. Aravind Siddharth
M.Sc IT II Year

ARTICLES

INTRODUCTION TO ARTIFICIAL INTELLIGENCE

The term artificial intelligence (AI) refers to the ability of a digital computer or computer controlled robot to perform tasks commonly associated with intelligent beings. Artificial intelligence (AI) is a wide-ranging tool that enables people to rethink how we integrate information, analyze data, and use the resulting insights to improve decision making—and already it is transforming every walk of life. AI works by combining large amounts of data with fast, iterative processing and intelligent algorithms, allowing the software to learn automatically from patterns or features in the data. AI is a broad field of study that includes many theories, methods and technologies, as well as the major subfields as Machine learning, A neural network, Deep learning , Computer vision , Natural language processing .



Every industry has a high demand for AI capabilities – including systems that can be used for automation, learning, legal assistance, risk notification and research. Specific uses of AI in industry includes HealthCare, Retail, Manufacturing, Banking, Life sciences, Public sector . Artificial Intelligence is central to the tech industry, and it's getting smarter all the time. The driving force behind computer vision, speech analysis and natural language processing, AI impacts industry and society in numerous ways and will continue to do so far into the future.

We have only touched the surface of what Artificial Intelligence can accomplish. But it essential to realize that AI is meant to make our lives better. It can be considered a tool to assist us to rise above our circumstances. In the emergence of AI technology, we may need to adapt and reassess ourselves. We will need to be equipped skills-wise and knowledge-wise on how to handle and prosper in a world that is continuously changing and improving as days move on.

Lakshmi Pratha S
II BCA 'B'

ARTICLES

CLOUD SERVICE MODEL

Cloud computing is on-demand access, via the internet, to computing resources applications, servers (physical servers and virtual servers), data storage, development tools, networking capabilities, and more—hosted at a remote data center managed by a cloud services provider (or CSP). The CSP makes these resources available for a monthly subscription fee or bills them according to usage. Compared to traditional on-premises IT, and depending on the cloud services you select, cloud computing helps do the Lower IT Cost, Improve agility and time to value, Scale more easily and cost effectively. Cloud Computing services model are IaaS (Infrastructure-as-a-Service), PaaS (Platform-as-a-Service) and SaaS (Software-as-a-Service) are the three most common models of cloud services, and it's not uncommon for an organization to use all three.

SaaS also known as cloud-based software or cloud applications is application software that's hosted in the cloud, and that users access via a web browser etc.

PaaS provides software developers with on-demand platform—hardware, complete software stack, infrastructure, and even development tools for running.

IaaS provides on-demand access to fundamental computing resources—physical and virtual servers, networking, and storage—over the internet on a pay-as-you-go basis. IaaS enables end users to scale and shrink resources on an as-needed basis

Security Businesses require cloud computing solutions that provide the highest level of security for their data and resources. Security is a major concern of most organizations as cybercrimes and data leaks are quite high nowadays and can lead to unwanted issues. Cloud computing offers a wide range of security features for storing and managing data securely.

Scalability makes cloud computing advantageous for businesses around the world and helps them get past competitors. Risks related to maintenance and running infrastructure are also reduced for most organizations.

D. Kishore
III BCA 'B'

ARTICLES

INTERNT OF THINGS (IoT)

The Internet of things describes physical objects with sensors, processing ability, software and other technologies that connect and exchange data with other devices and system through internet. Video surveillance is one area that experiences substantial evolution driven by IoT and other smart technologies.

Enhanced Video Surveillance Functionality: The intelligent monitors and sensors of the IoT combined with emerging highspeed network solutions promise to improve the performance and capabilities of video surveillance system . Technologies used in IoTs are as follows:



1)**Artificial intelligence (AI) and deep machine learning (ML)** are bringing the power of analytics to unmanned video surveillance. Reliably trained AI systems enable extensive networks of surveillance equipment to be deployed without the need for human monitoring.

2)**Wireless Communication Technologies** such as 5G and narrow band IoT (NB-IoT) improve the speed with which video feeds are made available to human and AI applications. The reduced latency improves the performance of video systems and elevates the user experience. NB-IoT's signal penetration capabilities allow video cameras to be placed in previously inaccessible areas.

Applications of IOT: Agriculture, Consumer Use, Healthcare, Manufacturing, Wearables, Traffic Monitoring, Smart Grid and Energy Saving, Smart Home.



Pranavanesh V
II BCA 'A'

ARTICLES

CYBER SECURITY IN CLOUD COMPUTING

Cloud computing has become an essential component of today's digital world, providing businesses and individuals with numerous advantages such as scalability, cost savings, and ease of access. The most prevalent cyber security concerns in cloud computing include data breaches, insider assaults, denial of service attacks, and malware infections. These dangers can result in the loss of sensitive information, economic disruption, and reputational harm. Data breaches occur when an unauthorized user gains access to sensitive data stored in the cloud.



This can occur as a result of weak passwords, phishing attacks, or weaknesses in the cloud service provider's architecture. Cloud service providers are deploying a variety of security measures to combat these cyber security concerns, including:

Multi-factor authentication (MFA) is a security solution that requires users to provide two or more forms of authentication before gaining access to a cloud service. This could be something they know, like a password, something they own, like a security token, or something they are, like a biometric factor.

Access control ensures that only authorized users have access to cloud resources. This can comprise RBAC, ABAC, or required access control (MAC).

Vulnerability management entails discovering, assessing, and addressing vulnerabilities in the infrastructure of a cloud service provider. Regular security audits, patch management, and threat intelligence feeds can all be part of this.

Cloud security posture management (CSPM) is the continuous monitoring and management of the security posture of cloud resources. This can involve automated security assessments, compliance checks, and policy implementation.

Srikanth R
II BCA 'A'

STUDENT ACHIEVEMENTS

M. Prathyaksh, B. Sai Prasanna, K. Sai Santhosh, V. Pranavanesh, R. Srikanth, R. Rogith, S. Rishi Abinandhan of Second BCA “A” have started a company named **“IgnitionX Technologies”** in collaboration with IIC of our college and this company has been selected for funding. The department wishes them success for their upcoming projects and more to come their way.



Roll No.	Name of the Student	Event	Category	Type of Award	Prize / Participation
21E2637	Hayagreev	Photography	Technical	State	First Prize
22E2507	Snehith J Shiju	Paper Presentation	Technical	State	Participation
21E2514	Pranavanesh v	Web Designing	Technical	State	Second Prize
21E2537	Prathyakash M	Web Designing	Technical	State	Second Prize
21E2537	Prathyakash M	The Next Digi Master	Technical	State	Third Prize
21E2537	Prathyakash M	Web Designing	Technical	State	Second Prize
21E2537	Prathyakash M	Volley Ball	Sports	State	Winner
21E2537	Prathyakash M	Web Designing	Technical	State	First Prize
21E2528	S. Dheerej	Photography	Technical	State	First Prize
21E2530	K Sesha Gopalan	Mime	Cultural	State	First Prize
21E2530	K Sesha Gopalan	Adzap	Cultural	State	Second Prize
20E2230	B. Harinanadha	Creative Writing	Technical	Inter-Department	Second Prize
21E2530	K Sesha Gopalan	Adzap	Cultural	State	Second Prize
21E2530	K Sesha Gopalan	Street Play	Cultural	State	First Prize
21E2530	K Sesha Gopalan	Mime	Cultural	State	Second Prize
21E2527	Adithiyaa B.R	Twist the Tale	Cultural	State	First Prize
22E5015	S. Lalith Lingam	Throw Ball	Sports	National	Federation Cup 3rd Place
22E5015	S. Lalith Lingam	Throw Ball	Sports	National	South Zone Throw Ball Championship - Winner

TECHNICAL DRAWING

There are 3.725 billion active social media users

The average daily time spent on social is 142 minutes a day

Study found out that the effect of social media on teenagers was trivial

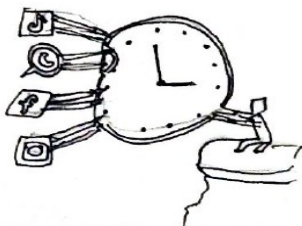
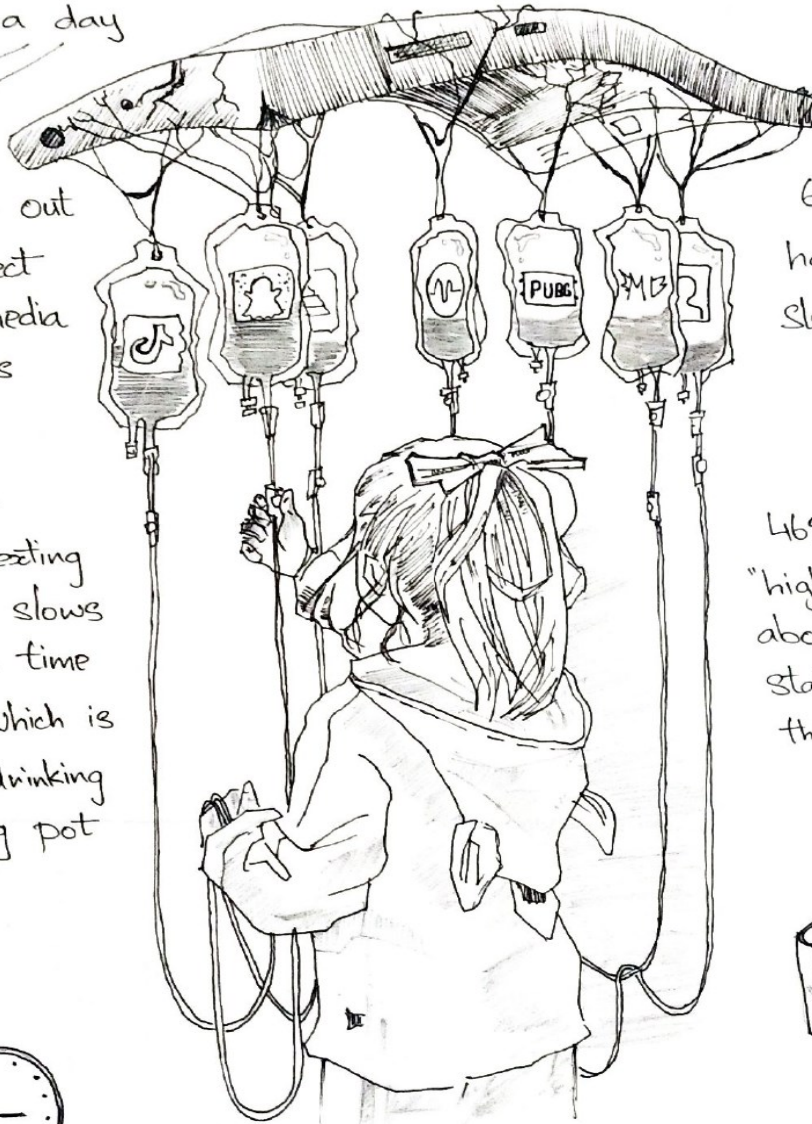
Tweeting or texting while driving slows your reaction time by 38%, which is more than drinking or smoking pot



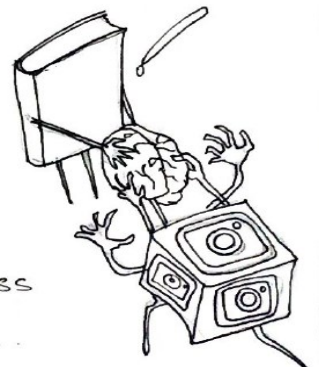
45% of people feel uncomfortable when not able to access their social networks

66% people have difficulty sleeping after using social media

46% Women are "highly concerned about letting a stalker know where they are"



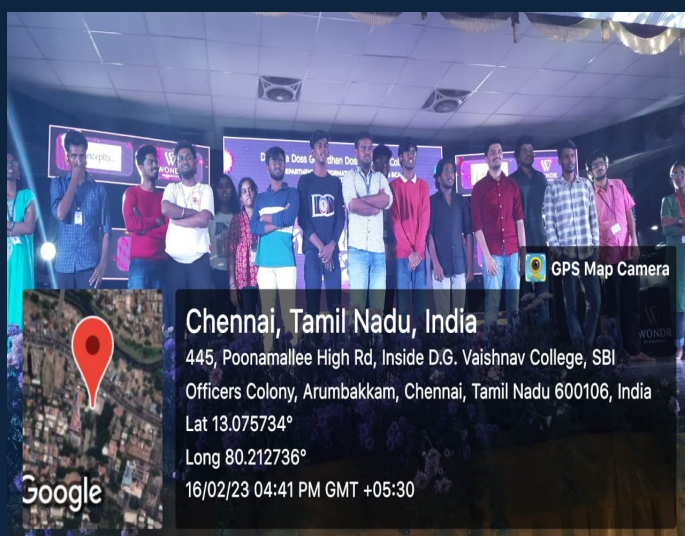
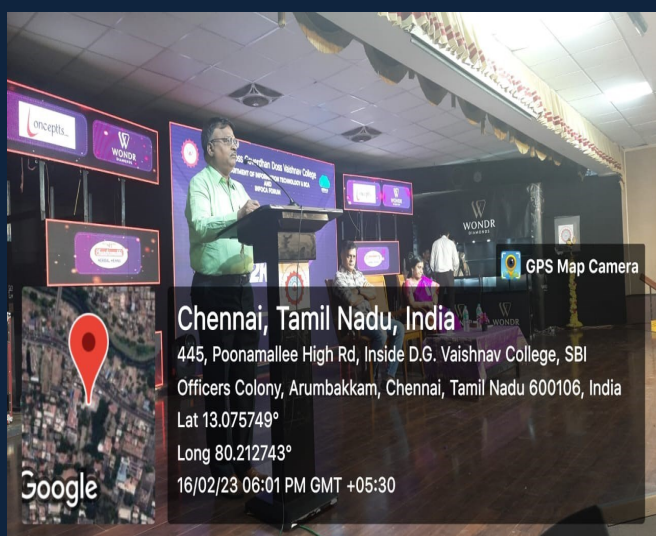
DONT USE SOCIAL MEDIA TO IMPRESS PEOPLE; USE IT TO IMPACT PEOPLE.



PRABHAT III BCA B

CYBER FEST 2K23

An intercollegiate technical event “**CYBERFEST 2K23**” was organized by the department to provide students with an opportunity to showcase their technical skills and knowledge. The **Chief Guest for inaugural** was **Dr. T.R.B. Raja, Member of Legislative Assembly, Mannargudi Constituency** and the **Guest of Honour** was **Mr. M.K. Mohan, Member of Legislative Assembly, Anna Nagar Constituency**. 263 students from various colleges participated in the events and Loyola College won the overall championship. **Mr. Bose Venkat, Actor**, was the Chief Guest for the Valedictory.



PLACEMENT

S.NO	NAME	CLASS	COMPANY	ROLE
1	M.Madan Raj	III BCA B	Accenture	System and application services associate
2	Aswathi V.K	III BCA B	Accenture	System and application services associate
3	Anush S	III BCA A	Intellect Design Arena	System Trainee
4	Deepa.U	III BCA A	Intellect Design Arena	Trainee Analyst
5	Ananda Varthini A	III BCA A	Intellect design arena	Trainee Analyst
6	Gunalan K	III BCA B	Intellect design arena	Trainee- System engineer
7	R.Dinesh Babu	III BCA B	Intellect Design Arena	System Engineer
8	Elijah Timothy Brewart	III BCA A	Prodapt Solutions	Associate Software Engineer
9	Snehith j Shiju	III BCA A	Prodapt Solutions	Associate Software Engineer
10	Mohammed Nibraz C	III BCA B	Prodapt Solutions	Associate Software Engineer
11	Ravi Bhushan v	III BCA B	Prodapt Solutions	Associate Software Engineer
12	M Khaja Mohiuddin	III BCA B	Saavysoft Technologies	IT Recruiter
13	Vignesh	III BCA B	Trimble	Techops
14	P. Lekhith Krishna	III BCA B	Trimble	Associate Techops Engineer
15	Harinandha B	III BCA A	Trimble	Associate Techops Engineer
16	K.Ramesh	III BCA A	VERIZON	Software Developer

Editorial Board

Dr. K. Angayarkkani—Chief Editor

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Ms. S. Sivaranjani

Mr. N. Jagadeesan

Dr. S. Anitha

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Dr. U. Latha

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