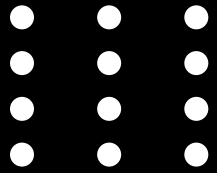


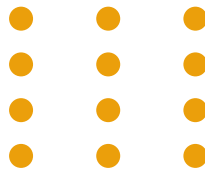
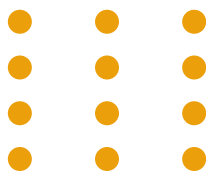


VIGNANA BHARATHI
Institute of Technology



Aarna

Evolution of Technopreneurs



**Computer Science
and Business System**

**VOLUME - 1
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ABOUT INSTITUTE

Nestled within the vibrant academic landscape of Telangana, **Vignana Bharathi Institute of Technology** stands tall as a beacon of innovation and learning, celebrated far and wide as one of the Top Engineering Colleges in the region.

The students of VBIT are enveloped by a culture that recognizes curiosity, innovation, and collaboration. The state-of-the-art laboratories, cutting-edge research facilities, and vibrant academic ecosystem provide the perfect crucible for experimentation and exploration, igniting the flames of creativity and innovation.

Fostering Excellence in Education-

At VBIT, our commitment lies in cultivating educational excellence, fostering intellectual curiosity, and grooming future leaders. As we embark on this collective journey, let's explore the essence of what makes our institute truly extraordinary.



ABOUT DEPARTMENT

Established in 2020, The **Computer Science and Business System (CSBS)** department aims to offer inclusive technology education to students, fostering responsible citizenship for societal betterment. The department focuses on developing competent programmers. The department boasts well-equipped computing laboratories and a diverse array of software applications.

Vision:

To emerge as a premier institute for technical education in the country through academic excellence and to be recognized as a center for excellence in Research and Development.

Mission:

To establish a strong institute by consistently maintaining a state-of-the-art infrastructure and a cohesive, world-class team by providing need-based technical education.

Research:

The institute's unique blend of conceptual teaching and rigorous research and development fosters the growth of highly competent and employable engineers with a broad perspective.

PROGRAM EDUCATIONAL OBJECTIVES

PEO 1. Domain Knowledge: Synthesize mathematics, science, engineering fundamentals, and pragmatic programming concepts to formulate and solve engineering problems using prevalent and prominent software.

PEO 2. Professional Employment: Succeed at entry-level engineering positions in the software industries and government agencies.

PEO 3. Higher Degrees: Succeed in the pursuit of higher degrees in engineering or other by applying mathematics, science, and engineering Fundamentals.

PEO 4. Engineering Citizenship: Communicate and work effectively on team-based engineering projects and practice the ethics of the profession, consistent with a sense of social responsibility.

PEO 5. Lifelong Learning: Recognize the Significance of independent learning to become experts in chosen fields and broaden professional knowledge.

PROGRAM SPECIFIC OUTCOMES

PSO1

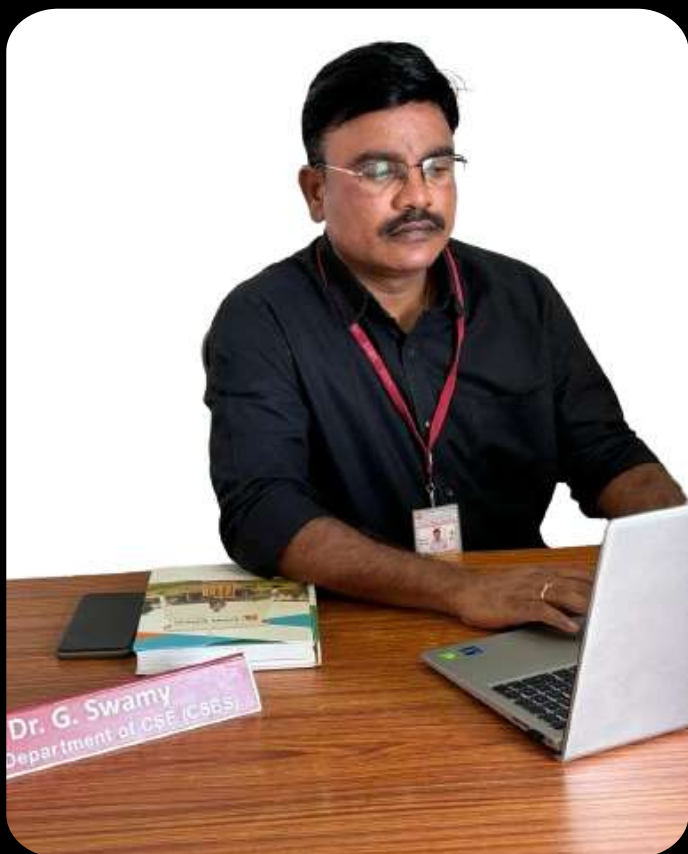
Analyse various networking concepts and also be aware of how security policies, standards, and practices are used for troubleshooting.

PSO2

To Incorporate ethical values and professional standards with soft-skills in computer science and business disciplines to enable students to emerge as entrepreneurs in society.

PSO3

To Inculcate Proactive thinking to ensure effective performance in the dynamic, socioeconomic, and business ecosystem.



“Assimilation is the compass that guides through the maze of ethical quandaries, to whelm the pinnacle of excellence.”

HEAD OF DEPARTMENT

Dr. G Swamy, the Head of the Department of Computer Science and Business System, with a Ph.D , alongside M.Tech and B.Tech , brings a rich tapestry of qualifications to his leadership role.

“I, As the Head of the Department of Computer Science and Business System at VBIT, introduce an interdisciplinary course aligned with AICTE: Computer Science and Business System. This program is designed to provide you with a unique blend of technical expertise and business acumen, preparing you for the dynamic world of technology and commerce. Our institute VBIT fosters holistic development through extracurricular activities, empowering individuals for societal contributions.

Our department is not just about acquiring knowledge; it is about embracing innovation, fostering creativity, and developing skills that will shape your future. I encourage each and every one of you to make the most of this opportunity. Engage actively in your classes, collaborate with your peers, and seek out internships and projects that will enhance your learning experience. I am confident that with dedication, hard work, and a passion for learning, you will emerge from this program as confident and capable professionals ready to make a positive impact on the world. So, seize every opportunity, embrace every challenge, and never stop striving for greatness. I wish you all the best in your academic endeavors and look forward to witnessing your success. Thank you.”

FACULTY



Mrs. K. Keerthana (Assistant Professor, CSB)

Mrs. K. Keerthana, holds an M.Tech and B.Tech from JNTUH. She plays a pivotal role in nurturing the students of our department, it is evident in her innovative teaching methodologies and her unwavering support for student success



Mrs. M. Malini (Assistant Professor, CSB)

Mrs. M. Malini possesses an M.Tech from JNTUH and an MCA from O.U. Mrs. Malini is passionate about leveraging technology to enhance the educational experience, integrating cutting-edge tools and platforms into her teaching.



Ms. B. Madhuri (Assistant Professor, CSB)

Ms. B. Madhuri possesses an M.Tech from Anurag University and a B.Tech from JNTUH. Ms. Madhuri inspires students to pursue excellence in their studies and prepares them to thrive in the fast-paced and ever-evolving field of technology



Ms. P. Sree Lakshmi (Assistant Professor, CSB)

Ms. P. Sree Lakshmi possesses an M.Tech from KU and a B.Tech from KU. Ms. Lakshmi serves as a catalyst for innovation, constantly exploring new teaching methodologies and technologies to enhance student learning experiences.



Mr. S. Mahender (Assistant Professor, CSB)

Mr. S. Mahender possesses an M.Tech from JNTUH and an M.Sc from O.U. Mr. Mahender fosters a culture of collaboration among students and faculty members, encouraging interdisciplinary dialogue.



GUEST LECTURES

The Department of Computer Science and Business System (CSB) exemplifies excellence in the curation and execution of guest lectures. With meticulous planning and a keen eye for relevance, CSB orchestrates these events to provide invaluable insights into industry trends, technological advancements, and business strategies.

CSB's emphasis on guest lectures recognizes the importance of networking and professional development. By facilitating interactions between students and experts from various fields, the department cultivates a culture of curiosity, collaboration, and continuous learning.

On January 5, 2022, the Department of CSB hosted a guest lecture titled **"Business Technocrats in Industry 4.0."** Dr. K Sharad Babu, with qualifications including B.Tech, MBA, MPhil, and PhD, the Professor and Head of the Department of Business Management, delivered an insightful address. Attendees gained a concise yet comprehensive understanding of the role of business technocrats in Industry 4.0. The Department of Computer Science and Business System (CSB) orchestrated a distinguished guest lecture on **Honeywell**, a notable event held on the 16th of December 2023. The keynote address was delivered by **Pooja Takran**, the esteemed Senior Director of Corporate Communications & CSR at Honeywell.

FACULTY PUBLICATIONS



- G. Swamy (HoD of CSBS) published *A Framework to Authenticate Signature using Machine Learning Technique* as IEEE Explorer at the I-SMAC conference in October 2023 which is indexed in Scopus with Purwanchal Campus, Institute of Engineering, Tribhuvan University, Nepal.(ISSN: 979-8-3503-4147-8)

- G. Swamy (HoD of CSBS) published *Multi-Objective Egoal Optimization Features Selection for Cloud System* at the ICCS-2022 conference in October 2023 which is indexed in Scopus with 6th International Conference on Computing Sciences 2022.(ISSN: 978-1-032-52199-2)



- K. Keerthana(Faculty of CSBS) published Comprehensive Analysis of WSN Routing focusing on trustworthiness and Design of a Hybrid Methodology using Deep Learning - 1734 at MRTM-23 conference in October 2023 which is indexed in Scopus from New Horizon College of Engineering, Bengaluru with IEEE title of proceedings

Need of Business Engineers

"Business engineers," a subset of engineers with a focus on business demands, are what the modern world requires. In addition to having an appreciation for the technologies of the future, such as analytics, cognitive, and machine learning subjects, these graduates now need to comprehend business management principles and possess an "innovation" attitude in order to be regarded as top talent.

The world of work is changing as a result of digital and AI-powered technology, which is forcing workers to acquire new, in-demand skills and prepare for careers in the future. As technology becomes more widely used, 50% of all workers will need to retrain by 2025, according to the World Economic Forum's Future of Jobs Report. According to Forum predictions, by 2025, machine adoption could surpass that of human labor, resulting in the loss of 85 million jobs. It's interesting to note that technological and digital abilities will not be sufficient to survive in the workplace. The workforce of the future will require a wide range of interpersonal, leadership, and communication skills in addition to critical thinking, problem-solving, resilience, and active learning. In light of this, VBIT has launched a four-year B.Tech program in Computer Science and Business System (CSBS) to unleash a group of technocrats and entrepreneurs into the market.

- Mrs . K. Keerthana

FACULTY ACHIEVEMENTS

The **Salesforce Platform Developer I** credential is designed for individuals who have experience developing and deploying basic business logic and user interfaces using the programmatic capabilities of the Lightning Platform. This certification demonstrates your ability to design, develop, test, and deploy custom applications using Salesforce tools and technologies.

by K. Keerthana



**Red Hat Certified
System Administrator**

Red Hat is a software company that specializes in creating enterprise-level open-source products. The **Red Hat Certified System Administrator (RHCSA) certification** is a popular certification for IT professionals who work with Red Hat Enterprise Linux (RHEL) System.

by K. Keerthana

LEARNING PLATFORMS

- **Infosys Springboard**

Flagship Platform to accelerate 21st Century Digital Learning

In alignment with the Infosys ESG Vision 2030 to enable digital skills at scale, Infosys Springboard has been identified as a flagship digital learning platform to empower people, communities, and society with skills to be successful in the 21st Century.



- **Oracle Academy**

Oracle's global philanthropic educational program, is open to educators around the world to advance technology education, skills, innovation, and diversity and inclusion.

- **Cisco Networking Academy**

The Cisco Networking Academy is an educational initiative that offers comprehensive training in networking, security, and programming to students worldwide.



STUDENT INTERNSHIPS

Amazon AWS

Amazon Web Services (AWS) is at the forefront of cloud technology, providing scalable and reliable infrastructure solutions to businesses of all sizes around the globe. Through their Virtual Internship Program, students have the chance to engage in a dynamic learning experience that combines theoretical knowledge with practical application in real-world scenarios



Juniper Networks

The internship experience includes broadening out perspective - building professional relationships with other interns and colleagues, learning about the company, exploring various career paths, understanding the industry at large, and contributing to the surrounding community. The University Talent Program provides the framework for these experiences through training opportunities, speaker sessions with company leaders, philanthropic events, social activities, and more.



CERTIFICATION PROGRAMS

- **Salesforce** - Salesforce is an American cloud-based software company headquartered in San Francisco, California. It provides customer relationship management (CRM) service and also provides enterprise applications focused on customer service, marketing automation, analytics, and application development.



- **Microsoft Azure** - The Azure cloud platform is more than 200 products and cloud services designed to help you bring new solutions to life—to solve today's challenges and create the future. Build, run, and manage applications across multiple clouds, on-premises, and at the edge, with the tools and frameworks of your choice.

- **DevOps** - DevOps is a collection of two words, "Development" and "Operations," representing a cultural approach that emphasizes collaboration between development and operations teams to streamline the entire software delivery lifecycle. DevOps tutorial is designed to help learn DevOps basics and advanced concepts, including Git, Ansible, Docker, Puppet, Jenkins, a range of DevOps tools, Azure DevOps, Chef, Nagios, and Kubernetes.



CO CURRICULAR ACTIVITIES

- In a 24-hour hackathon organized by JNTU Hyderabad across 11 regions, held on June 22, 2022, at VBIT College, 38 teams participated. Among them, one team from Region 7 emerged triumphant, clinching the first prize in the domain of open innovation. Their winning project, "Man-at-Service," impressed judges with its ingenuity, promising to revolutionize service delivery. Congratulations to the victorious participant **Harsha Aditya** for his remarkable achievement!
- Meet **Murali Krishna P** of B Tech 4th year is a shining example of excellence in language proficiency. With a remarkable band score of 8 in the International English Language Testing System (IELTS), Murali Krishna has demonstrated outstanding mastery of the English language. His achievement opens doors to exciting opportunities for higher education and global mobility. Let's applaud [Murali Krishna for this exceptional accomplishment!
- Meet **Raghu Karedla** of B Tech 4th year is a dedicated learner currently pursuing a diploma course in Data Science at IIT Madras. With a passion for harnessing the power of data, Raghu Karedla is honing his skills to excel in this rapidly evolving field. Let's cheer Raghu Karedla on as he embark on this exciting journey towards becoming a proficient data scientist!
- Meet **B. Prashanth** of B Tech 4th year is a shining example of success in the world of engineering. Having conquered the Graduate Aptitude Test in Engineering (GATE) 2023, Prashanth exemplifies dedication and excellence. His achievement inspires us all to reach for the stars. Join us in congratulating Prashanth on this remarkable milestone!

EXTRA CURRICULAR ACTIVITIES

- Sai Revanth B Tech III year participated in cricket tournament organized by CBIT , AURA 2023 has won 1st prize .
- Nanda Kishore of B Tech III year and Manideep of B Tech II year participated in kho-kho tournament organized by HITAM and have secured 2nd position during SANGRAM 2023
- Preethi of B Tech IV year has participated in National level Techno Culture Fest during BHAVANOSTAV 2022-23. It's a platform for students to unleash their creativity, compete in exciting challenges. The event was a melting pot of sheer enthusiasm, bringing together students from diverse backgrounds to celebrate the wonders of technology.



STUDENT SERVICES TOWARDS INSTITUTION

- Abhijit .R : Coding Studio SDE-II
- B . Prashanth : Ganith - Digital Manager
- Harsha Vardini : Street Cause - Alumni
- Likitha P : Virinchi - Documentation team
- Navya : Zarc - Chairperson
- Raghu : IEEE - VBIT SB, Virinchi - Club Administrator
- Sathvika. B : Ganith - Vice Chariperson
- Adithya : IEEE -P & I, Abhedya - Representative
- P. Supriya : Srishti - Designing team
- Vishnu Preethi : IETE - Joint Secretary, Abhedya - Content Writer
- Dharmik : Street Cause - Design lead
- Manoj - IEEE - Avishkar - Marketing Portfolio



STUDENT PLACEMENTS

A total of 23 students have successfully secured placements in esteemed companies, with top-tier salary packages reaching up to 8 LPA. Congratulations to all the students on their remarkable achievements!

The Accenture logo, featuring a purple chevron symbol above the word "accenture" in a bold, black, sans-serif font.The Ttech Mahindra logo, with "Ttech" in a grey, stylized font where the 'e' is a house shape, and "Mahindra" in a red, stylized font below it.

STUDENT ARTICLE



THE DILIGENCE OF POTENCY

By Aditya Harsha

The Art of Storytelling: A Timeless Tradition

Since the dawn of civilization, storytelling has been an integral part of human culture. From cave paintings to oral traditions, communities have used stories to preserve their history, transmit values, and impart wisdom to future generations. Through the artful use of language, imagery, and emotion, storytellers have woven intricate tapestries of meaning that resonate deeply with audiences across time and space.

Empowering Voices: Amplifying Marginalized Perspectives. In addition to fostering connection, storytelling also serves as a powerful tool for amplifying marginalized voices within communities. Historically, certain groups – whether marginalized by race, gender, or socioeconomic status – have been systematically silenced or excluded from mainstream narratives. However, through the democratizing power of storytelling, individuals from these communities can reclaim their voices and share their truths with the world.

Stories have a unique ability to transcend differences and create common ground. Whether through personal anecdotes, cultural myths, or shared experiences, they allow us to see the world through the eyes of others, fostering empathy and understanding in the process. In a diverse and increasingly fragmented society, this ability to cultivate empathy is essential for building strong, resilient communities.

By providing a platform for marginalized perspectives, storytelling not only promotes inclusivity and diversity but also challenges existing power structures and fosters social change. Whether through literature, film, or digital media, stories have the power to shine a light on injustice, inspire action, and galvanize communities to work towards a more equitable future.

In a world increasingly characterized by division and discord, the power of storytelling offers a beacon of hope. Across cultures and throughout history, stories have served as a timeless means of fostering connection, amplifying marginalized voices, and inspiring collective action. By embracing the art of storytelling, communities can unlock their full potential, forging bonds of empathy, understanding, and solidarity that transcend the boundaries of time, place, and difference. As we continue to navigate the complexities of the modern world, let us remember the transformative power of storytelling in building a more compassionate, inclusive, and resilient community for all.



In the heart of every community lies a fundamental human trait – the desire to connect, to share experiences, and to belong. At the nexus of this intrinsic need lies storytelling, a powerful tool that transcends cultural boundaries and historical divides. From ancient folklore passed down through generations to the modern-day narratives that shape our lives, storytelling holds the key to fostering empathy, understanding, and unity within communities.

OUR TEAM



FACULTY COORDINATOR
Mrs K. KEERTHANA



RAGHU



SUPRIYA



NAGA RAKSHITH



HARSHA ADITHYA



HADASSAH JESSI



ADITI



GREESHMA



Aarna

Evolution of Technopreneurs

