New Prince Shri Bhavani
College of Engineering and Technology
Affiliated with Anna University | Tambaram-Velachery Main Road in Santhosapuram, Chennai-600 073.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

News Letter
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Vision of the Institute:

To be a globally recognized academic institution and thereby contribute to technological and socio-economic development of the society.

Mission of the Institute:

1. To develop the needed resources and infrastructure and to establish a conducive ambience for the teaching – learning process.
2. To Engage Committed members of faculty who will infuse subject knowledge with latest teaching pedagogies.
3. To Ignite the desire for higher learning, research and entrepreneurship and equip them to face the global challenges.
4. To engage the alumni professionals as productive partners with the current students to help enrich and enhance their student life

About Institute:

The New Prince Shri Bhavani College of Engineering and Technology (NPSBCET) is a renowned educational institution offering a wide array of undergraduate (UG) and postgraduate (PG) engineering programs. Operated by the Abaranjee Ammal Educational Society, with over three decades of educational commitment and growth, NPSBCET accommodates a substantial number of students pursuing engineering courses at both UG and PG levels. It holds approval from the All India Council for Technical Education (AICTE) and is affiliated with Anna University in Chennai. NPSBCET provides UG programs in B.E (ECE, EEE, CSE, CSE (CS), Mech, and Civil), B. Tech programs in IT and AI&DS, as well as PG courses like MCA and ME in Applied Electronics.The core objectives this autonomous institution are centered on delivering high-quality engineering education to students in diverse engineering and technological disciplines. Additionally, it aims to create an environment where students can make the most of the physical facilities, human resources, and knowledge assets available within the educational sector to optimize their knowledge acquisition.

Editorial Board:

- ✦ Dr.P.B.Edwin Prabhakar, HOD/CSE
- ✦ Mrs .P.Kavitha, AP/CSE
- ✦ Mohammed Rasid M / IV CSE
- ✦ Vaarani Devi V / IV CSE
- ✦ Sivarama Krishana M / IV CSE
- ✦ Sivaranjani G / IV CSE

About Department:

The Department of Computer Science and Engineering was established in the year 2008. The Department of Computer Science & Engineering is a centre of excellence providing in- depth technical knowledge and opportunities for innovation and research with up-to-date computing facilities. The department is well equipped with latest hardware and software in order to provide students with a great deal of hands-on exposure in software designing, coding, testing, deployments and overall programming capabilities

The Department has well-qualified and experienced faculty members from various reputed institutions who are specialized in various domains like machine learning, databases, artificial intelligence, design and analysis of algorithms, compiler design, web engineering, cryptography and computer networks. The Department provides opportunities and resources to its faculty and students for the pursuit of research and academic excellence. Many of our department faculty members have published paper in reputed journals, conference papers and articles.

The Department has produces many brilliant students over the years, who have bagged prestigious job in india and abroad. Faculty members are also encouraging students to take up projects in upcoming research areas to improve their knowledge in advanced topics.

NPSBCET boasts of its excellent placement record over the years and the department of CSE has been the leader in the terms of placement .In future the departmental research is focused in the areas of Machine Learning, Cryptography and Information Extraction, Artificial Intelligence, Software Engineering, Image Processing and Computer Vision, Pattern Recognition, Data and Web mining, Semantic web, Natural Language Processing (NLP).

Besides classroom teaching and laboratory exercises, the students are motivated through creative activities and cultural fests .They are also encouraged to participate in various group learning and discussion activities in addition to presentation of seminar and term paper presentations on individual basis. Emphasis is laid on computer based assignments through modeling and simulation.

The CSE Department organized national conferences, seminars, student symposia, short-term training program and value added courses. This provides a wide range of opportunities for faculty and students to bring out their potential and innovative skills in a variety of fields. The department has conducted workshop/seminar on current trends in computer technology.

PROGRAM EDUCATIONAL OBJECTIVES (PEO):

Graduates of Computer Science and Engineering
• Shall get employed in National and Global Industries or to continue their higher education at prestigious institutions.
• Shall function as an effective team member in the professional practice, shall exhibit leadership abilities, professional ethics, communication skills, and interpersonal skills.
• Shall utilize basic competencies in problem solving, analysis, synthesis, and innovation who shall contribute to the advancement of their society and the Nation.

PROGRAM SPECIFIC OUTCOME (PSO)

• Students will be able to comprehend, evaluate, and create computer applications and programs to met societal requirements.
• Students shall have skills and knowledge to develop software projects in latest tools and technologies.

Vision of the Department:
Emerge as To develop into a renewed reputable department for generating globally competent Computer Science Engineers dedicated to societal progress.

Mission of the Department:

1. Infrastructure and Curriculum Development: Excellent infrastructure and innovative curriculum to meet global requirements..
2. Skill Development: Organize workshops, seminars, and hands-on training sessions to equip students with the required technical skills. Also emphasize the development of soft skills like communication, leadership, and teamwork.
3. Research, Innovation and Collaboration: Encourage students and faculty to engage in ground-breaking research and innovative.

TECHNOLOGY NOW:

Extended Reality (XR) is revolutionizing the way we experience and interact with the world around us. Through **Virtual Reality (VR)**, Augmented Reality (AR), and **Mixed Reality (MR)**, XR technologies are creating immersive experiences that transform entertainment, education, and remote collaboration. From interactive learning environments to enhanced remote teamwork, XR is bridging gaps and pushing boundaries. With applications in healthcare, educatiorn, and beyond, XR is poised to change the way we live and work. As this innovative field continues to evolve, we can expect even more exciting developments on the horizon.

STUDENT ACHIEVEMENTS:

Dr.MGR educational and research Institute of department of computer science and organizes state level technical symposium on 10th March 2023. **M.Varlakshmi of CSE Dept** has secured 2nd place in the event of letter better with cash award.
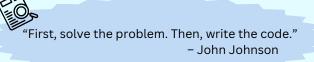

Sri Ramakrishna Engineering college of department of Electrical and Electronic engineering organizes national level E-Quiz competition. **Jennifer P of CSE department** as participated the National level E-Quiz on ECE department

Dr.MGR educational and research Institute of department of computer science and organizes state level technical symposium on 10th March 2023. **Puja of CSE Dept** has secured 2nd place in the event of pick link with cash award.
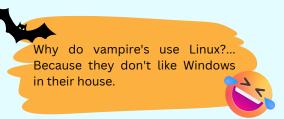

Easwari Engineering College of department of Automobile engineering organizes National level technical symposium **Monica. S** participated in the event of Auto Quiz.

"First, solve the problem. Then, write the code."
– John Johnson

SEMINAR EVENTS AND ACHIVEMENTS:

Quiz programme on "**Environmental Sustainability**" Dr. S. Sivasubramanian Professor, Department of Information Technology, New Prince Shri Bhavani College Of Engineering and Technology

Why do vampire's use Linux?... Because they don't like Windows in their house.

Seminar event on "DATA SCIENCE" Conducted for 2nd year Students of Computer Science And Engineering Students

Seminar on "Introduction to Cloud Computing " Mr.T.Muthu Selvan Gnanaraj, Senior Manager-Enterprise &Cloud Computing, Brilyant IT solutions.Pvt Ltd, Bangalore

Seminar on "**Biometrics-The Future Of Authentication**" Dr. Sowmiya Manoj IETE, fellow member, Assistant Professor (SG), Dept of ECE, Saveetha Engineering college

SPORTS DAY WINNERS:

Kho-Kho Girls Team winners:
Vinisha, Kowsalya, Lakshmi, SelvaSrika, Durga, Usha, Arthy, Gayathri, Subulakshmi, Rathiga

Table tennis Girls Team winners:

Jennifer, Kanagaselvi, Carolene Krethe

Volleyball winners--Boys Team

Aathisesan
vaithiyanathan
Rishabanandhan
SuryaPrakash
Vikram
vengatesan
Kaviyan
Ariharan

Relay 4x100--Boys Team Winners:
Sathisaran
Karthikeyan
Rishabanathan
Naveen

PLACEMENT DETAILS:

Total no.of Students: 35
Placed Students: 25
Placed Percentage : 71.43%

Tychons
People with Technology

Sneha Reshmi
Vennila
Gayathri
Tamilarasi
Lakshmi Priya
Vaarani Devi
Sivaramakrishnan
Mohammed Rashid
Sindhu Reshma

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Gayathri
Tamilarasi
Lakshmi Priya
Varani Devi
Mohammed Rashid
Vaishnavi
Sivaranjani

QSpiders

Sneha Reshmi
Srikaram
vennila
Bavani
Thangapushpa
Ranjith Kumar
Mohammed Rashid
Swetha
Sindhu Reshma

SUDOKU

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