



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 And Science Engineering

News Letter

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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.

Vision of the Institute:

To strive for excellence in imparting technical education by promoting innovation, creativity and entrepreneurial abilities of the students.

Mission of the Institute:

- 1.Enhancing the effectiveness of teaching-learning process by providing a stimulating learning environment.
- 2.To establish R&D centers, incubation centers and centers of excellences in latest technologies and provide a platform for students to interact with the industry.
- 3.Achieving Academic excellence by imparting knowledge and skills through problem solving, practical training and design & development of innovative projects.
- 4.Sensitizing students to social and environmental issues.
- 5.Inculcating discipline in students and make them technologically and ethically strong

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.

Vision of the Department:

To foster competent professional with ethical codes and make them technologically adept, self motivated, and socially responsible innovators.

Mission of the Department:

- 1.To stimulate challenging professional by imparting proficient education and the zest of higher studies.
- 2.Provide learning ambience to generate innovative and problem-solving skills with professionalism.
3. To imbibe leadership quality, thereby making them expertise in their career.
- 4.To inculcate independent and lifelong learning with ethical and social responsibilities.
- 5.To prepares highly qualified, sought-after, and technical intelligent strategists who can expand the effectiveness.

Do you know?

The origins of the internet: The internet was initially conceived in the 1960s as a way for the US Department of Defense to communicate with its researchers. It was called ARPANET.

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.

Guest lecture:

- Guest lecture on “Design of IOT Based on smart Automation” was delivered by Mr.R.Solomon Raju,Senior Technical Manager, Jr Coder on 06.03.2021.
- Guest lecture on “Recent Trends in Block Chain Technology” was delivered by Mr.V.S.Rajan, CTO, Aadhytaa Informedia Technologies, Chennai on 25.3.2021

Seminar:

- “How to plan for Start-up and Legal & Ethical Steps” was provided by Mr.Selva Ganapathy, Vice President,AICL Samuel, Global BCMS coordinator on 25.01.2021



“Learn Start-up & Minimum Viable Product/Business” was provided by Mr.Nageswaran Mahalingam, Managing Director, Rupees Banking Finance Analyst, Komarapalayam on 26.02.2021

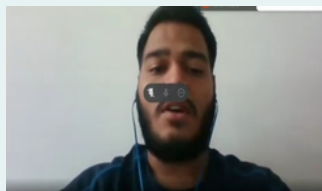
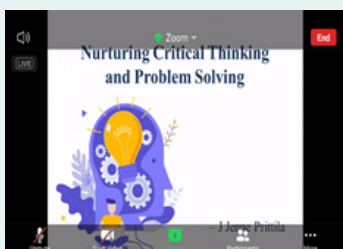
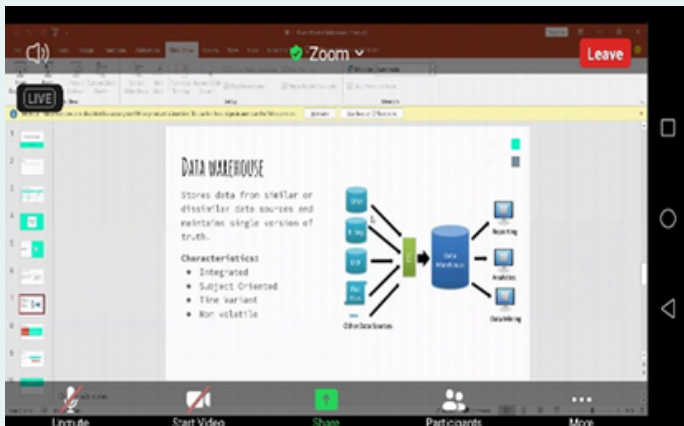


Carrier Guidance Activity:

- “Tips to build Successful Startup for Beginners” was provided by Mr.Franklin Raja, Founder/Director, TalenData Technologies Pvt Ltd, Chennai on 5.3.2021
- “Common Man Perspectives on Engineering” was provided by Dr.Raja, Assistant Professor, Trichirappalli on 16.4.2021

Alumni Activity:

- “Common Man Perspectives on Engineering” was provided by Dr.Raja, Assistant Professor, Trichirappalli on 16.4.2021
- “Nurturing Critical Thinking and Problem Solving” was provided Alumni Talk by Ms.J.Jenne Prittila, Business Intelligence , TCS, Bangalore on 11.3.2021.



ACHIEVEMENTS:

STAFFS :

- **Dr. P.Sridevi Ponmalar** and **D.R.Anita Sofia Liz**, An Efficient Bifurcating Brokers Service Scheme for Protecting Investor Secrecy in e-Trading, European Journal of Molecular & Clinical Medicine,2021, ISSN NO:2515-8260.
- **D.R.Anita Sofia Liz**, Human Annotator For Imbalanced Data, European Journal of Molecular & Clinical Medicine,2021, ISSN NO:2515-8260.
- **S.Santhosh**, Enhanced evaluation of RSS Finger Printing Based Indoor Localization, European Journal of Molecular & Clinical Medicine,2021, ISSN NO:2515-8260.
- **P.Kavitha**, Finger Recognition and gesture based virtual keyboard, European Journal of Molecular & Clinical Medicine,2021, ISSN NO:2515-8260.
- **10 Faculty members** of our department attended a 5 days FDP in ATAL-AICTE (online mode) sponsored course on various institutions.
- **Dr. P. SriDevi Ponmalar** and **Dr. Ahila** received Certificate of best faculty.
- **Dr.P.B.Edwin Prabhakar** and **Mrs.P.Kavitha** and **D.R.Anita sofia liz** received Certificate of Best Motivator.

STUDENTS :

- **M. Mohammed Rashid** of second year received First prize in Paper Presentation held at SRM Valliammai Engineering College.
- **Priyadarshini. R** and **Harini. R** of Third year selected second round for TOY HACKATHON 2021.
- **H.Kavya, R. Harini** and **M.Mohammed Rashid** received Certificate of Merit.

- **H.Kavya** received Certificate of students of the year.
- **Anusha Sudalai Kannu Yadhav, U Aparna and T.Priyanka** received Certificate of leadership award.
- **M.Kanimozhi, P. Sunitha and H. Pavithra** received disciplinary award.
- **K. Vivek, K. Anandan and R. Raghul** received volunteers award.

Inplant Training:

- Students of Third Year CSE H. Kavya attended Inplant training in Retech Solution Pvt Ltd.
- Students of Second Year CSE R.Priyadharshini attended Inplant training in Prasar Bharathi- Doordarshan.
- Students of Second Year CSE N.Venkatesh attended Inplant training in Prasar Bharathi- Doordarshan.

STAFFS PAPER PUBLICATION:

- **Dr. P.Sridevi Ponmalar**, “Secured implementation of steganography in multicloud”, ELSEVIER : MATERIALS TODAY PROCEEDINGS,2021, ISSN NO: 2214-7853.
- **Dr. P.Sridevi Ponmalar**, “A seclusion technique to access superintend ammuniton”, ELSEVIER : MATERIALS TODAY PROCEEDINGS,2021, ISSN NO: 2214-7853.
- **S.Santhosh**, “Water Management using IoT”, ELSEVIER: MATERIALS TODAY PROCEEDINGS,2021, ISSN NO: 2214-7853.
- **D.R.Anita Sofia Liz**, “An Efficient Decentralized Medical Prescription Tracking Using Blockchain (BOOK CHAPTER-13)”, Taylor & Francis Group,2021, ISSN NO: 9781003048855.
- **P.Kavitha**, “Combined charge difficulty evaluation and testees level for intellect appraisal”, ELSEVIER : MATERIALS TODAY PROCEEDINGS,2021, ISSN NO: 2214-7853.

STUDENTS PAPER PUBLICATION:

- **T.Rajalakshmi**, “Combined charge difficulty evaluation and testees level for intellect appraisal”, ELSEVIER : MATERIALS TODAY PROCEEDINGS,2021, ISSN NO: 2214-7853.
- **Jim Dionel**, “Water Management using IoT”, ELSEVIER: MATERIALS TODAY PROCEEDINGS,2021, ISSN NO: 2214-7853.
- **M.Jayalakshmi**, “A seclusion technique to access superintend ammuniton”, ELSEVIER: MATERIALS TODAY PROCEEDINGS,2021, ISSN NO: 2214-7853.

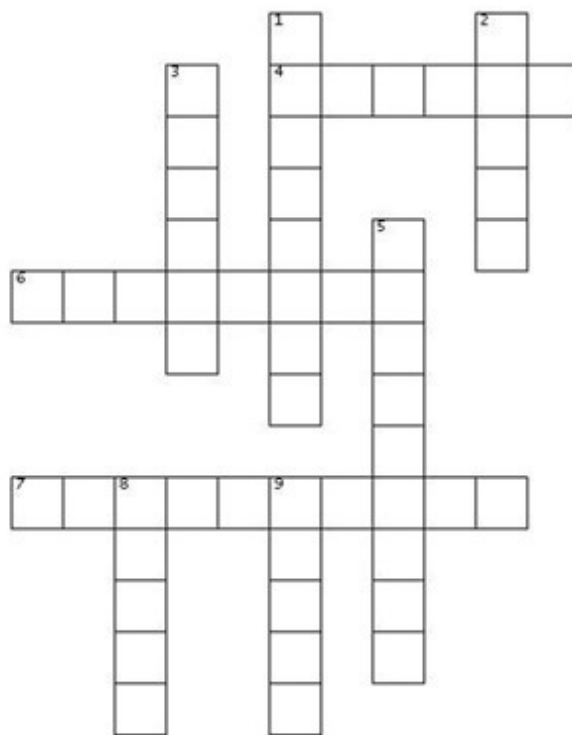
Placement Details of 2021-2022 Batch:

SL.No	YEAR	NAME OF COMPANY	NO.OF STUDENTS
1	2020-2021	TCS	1
2		SUTHERLAND	4
3		QSPIDER	1
4		eNOCH	1
		TOTAL	7

Do you know?

Intel's 12th Gen Processors: In 2021, Intel launched its 12th Gen Core processors, which offer improved performance, power efficiency, and features like DDR5 memory support.

TECHO PUZZLE



ACROSS

4. ,Small program running within a larger application
6. ,Network security system to block unauthorized access
7. ,Method of securing data with secret codes

DOWN

1. ,Collection of organized data for easy retrieval"
2. ,Process of finding and fixing errors in code
3. ,Device connecting multiple computer networks
5. ,Step-by-step procedure for solving a problem
8. ,Remote storage for data and applications
9. ,Smallest unit of digital image