BPIT
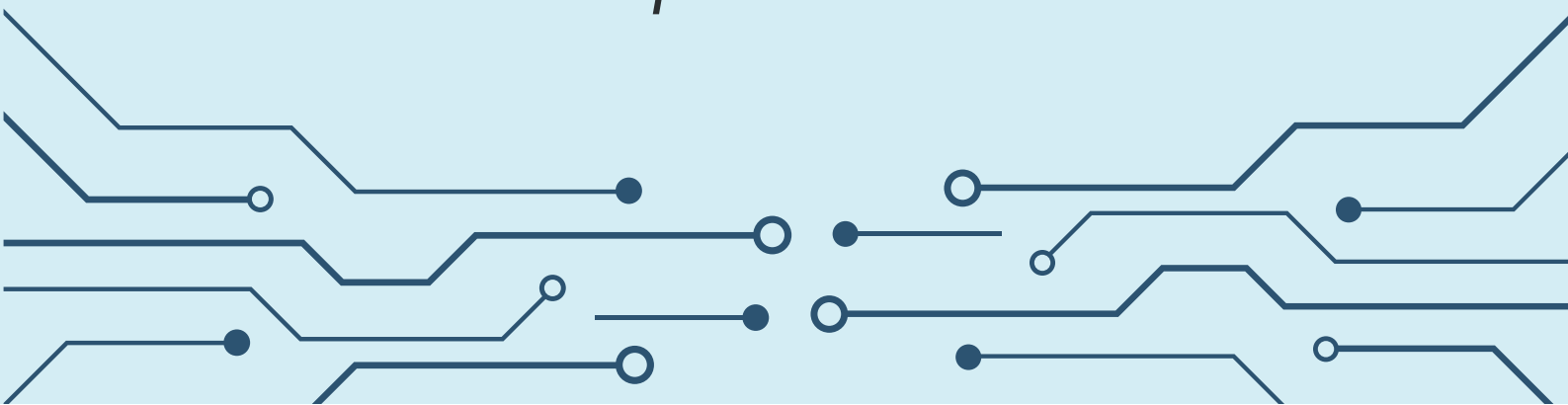
AUGUST - DECEMBER 2022

BHAGWAN PARSHURAM INSTITUTE OF TECHNOLOGY

WINTER REFLECTION

Computer Science and Engineering
Department

VISION

To emerge as a centre of excellence, in the field of Computer Science and Engineering, by grooming our pupils with strong conceptual and technical knowledge to enable them as sound professionals.
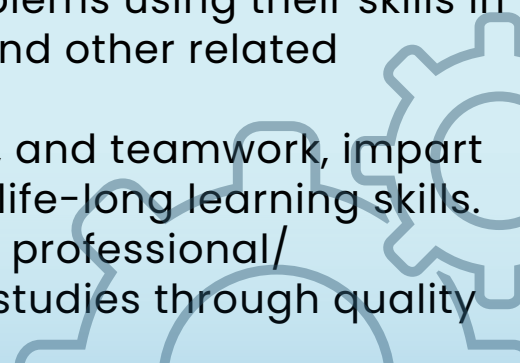
MISSION

- To inculcate self-motivation among the students, who can find and understand the insight of the need of the day.
- To produce best quality professionals with strong conceptual knowledge, producing qualitative research and hands-on experience.
- To enable the students to be technically competent among their peers and serve as ethical software professionals.
- To facilitate industry interaction exposure for the benefit of stakeholder.
- To motivate faculties to follow innovative teaching-learning practices & continuously groom themselves with upcoming technologies.
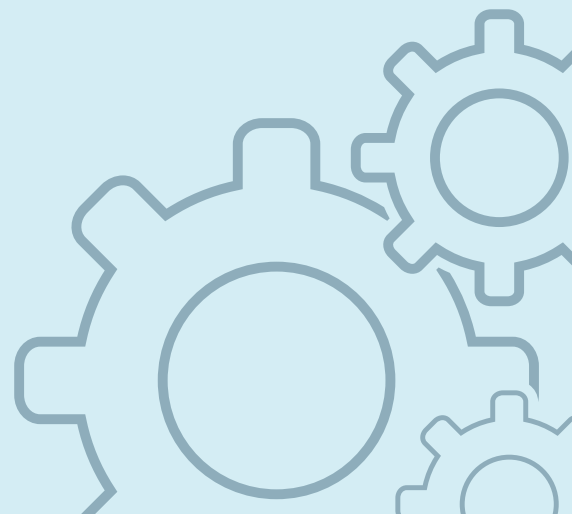
PEOs
(Programme Educational Outcomes)

- **PEO1:** To promulgate a strong foundation in applied sciences, mathematics, and engineering fundamentals.
- **PEO2:** To be able to comprehend, analyze and map the computational logic with real-time problems.
- **PEO3:** To provide extensive knowledge to design and build products with innovative solutions for problems using their skills in Computer Science and Engineering field and other related domains.
- **PEO4:** To inculcate self-confidence, ethics, and teamwork, impart leadership qualities, communication, and life-long learning skills.
- **PEO5:** To succeed excellently as computer professional/ successful entrepreneur or pursue higher studies through quality education.

PSOs
(Programme Specific Outcomes)

- **Foundation of Computer Systems:** Ability to comprehend mathematical science principles, coupled with engineering specialization to analyze & design solutions to real world problems.

- **Proficiency in Software Development Skills:** Applying the concepts for building new innovations with a wide range of programming languages and recent open source platforms, by upgrading with new skills and techniques.

- **Successful Career and Entrepreneurship:** Ability to excel in his/her innovative career ethically and engaging himself/herself professionally as an entrepreneur, software professional, pursue higher studies with good communication and leadership skills, for the benefit of the society.

NSCC

1. NSCC BPIT collaborated with CodeChef in September for the prestigious CodeChef College Program and launched it in the college.
2. Organized Newton's September Coding Challenge on 28 September
3. Organized Git and GitHub Workshop by Tauqeer Ahmed on 8 October
4. Organized UI/UX Bootcamp by Soumiya V on 11 October
5. Conducted a Webinar on Design by Prishita Aggarwal on 16 October
6. NSCC BPIT organized the highly successful Game of Codes, one of the largest college level coding contests in India with participation from more than 40 colleges on 21 October
7. Organized Newton's October Coding Challenge on 27 October
8. Conducted a GitHub Watch Party covering GitHub Codespaces on 14 November. Participants were awarded attractive goodies. The speakers were Nikhil Mahana and Nitish Kumar
9. Collaborated with Reskill for Reskill Appathon and organized 3 webinars students as a part of the collaboration on 16 November
10. Organized an Interview Preparation Webinar by Sudesh Kumar on 21 November
11. Organized an Open Source Webinar by Vasundhara Shukla on 25 November
12. Organized Newton's November Coding Challenge on 30 November
13. Conducted the JavaScript Bootcamp by Harshit Sharma on 30 November
14. NSCC BPIT launched its DSA Series. The first session was on Arrays on 5 December
15. The second session of the DSA Series covering Linked Lists was conducted on 7 December
16. NSCC BPIT conducted its Annual Orientation 2022 with 300+ attendees for all the students of the college on 11 December. The Senior Council of NSCC BPIT spoke at length about the club and interacted with the juniors.
17. Organized the Cracking GSOC and Other Open Source Programs by Yashika Jothwani and Vedant Jain on 17 December
18. Organized a workshop covering a Data Science Project on Sentiment Analysis on 20 December
19. NSCC BPIT's first Meet-and-Greet session for the Batch of 2026 was convened on 26 December where the newly admitted students got a chance to meet their seniors and interact with them.
20. NSCC BPIT takes great pride in organizing GeekTalk with Mr. Sandeep Jain on 28 December. We hosted Mr. Sandeep Jain, the Founder and CEO of Geeks-for-Geeks for a session covering domains like Placement Preparation, Learning Coding, Time Management, Startup building etcetera. Mr. Jain had chosen our college to deliver his talk which is a matter of great privilege for our students. The event saw the participation of more than 500 students and was meticulously planned and executed by Team NSCC BPIT.

IEEE

1. IEEE BPIT conducted an interactive session with Ms.Nitika Sachdeva, a physics scholar who shed some light on the topics of research in engineering on 3 October.
2. IEEE BPIT organized a poster making designathon to bring out the creative skills of our participants and at the same time to help them show off their designing skills on 7 October.
3. IEEE BPIT organized a 2-day coding contest on 22nd-23rd October with a wide range of problems based on data structures and algorithms and aptitude to help students get the idea of preparation for a wide range of tech interviews.
4. IEEE BPIT organized a one of a kind and an up and coming datathon event from 23rd to 24th November which students got to test their machine learning and data analysis skills to generate insights and potential solutions for problems at hand.
5. IEEE BPIT organized a robo race on 24 November in which teams participated by building robots to find the fastest of them all in a race against time.
6. IEEE BPIT conducted a robo wars event on 24 November to find the strongest amongst the participants' robots in the battle arena.

IOSD

1. A career building session in Android Development field was organised by IOSD BPIT in collaboration with Google Developer Students Club which was taken by BPIT Alumini and a SDE at Zomato Abhishek Mishra on 22 September'22. It was a very informative session and help them to scale their knowledge in Android.
2. A session was organised by IOSD BPIT Mobile Application Head Mayank Nailwal on Introduction to iOS Development on 24th September'22. Students learnt about making mobile apps from scratch using Swift Language.
3. Hacktoberfest an open source contribution event occurs in the month of October. IOSD BPIT was one of the maintainers of the Hacktoberfest repositories. We received contributions related to Web Development, App Development, UI/UX, Machine Learning, Technical writing.
4. We conducted a session for the participants from BPIT to aware them about how they can contribute to the same. It was conducted on 2nd October '22 by IOSD BPIT Senior Council.
5. Design Pattern is a topic which is one of the significant part of Software Engineering and is very less taught by instructors. A session on Design Patterns was organised by IOSD BPIT and delivered by Amaan Ahmad, Web Development head at IOSD BPIT on 16 October '22.
6. Blockchain is one of the fastest growing technology and multiple opportunities are available in the same. IOSD BPIT organised a session on Web3 in collaboration with Social 3 on 26th November '22 which was taken by Snehal Misra, founder of Social3 and SWE Intern at Inutit.

FOSS Cell

1. Organized 30 Day NLP Program from 4th Nov 2022 to 14th Dec. 2022 in collaboration with ICFOSS, Govt. of Kerala.

GDSC

1. GDSC held their Orientation for the batch of 2025 on 2 September.
2. Organized Zero to Hero Hack2skill by Alexander Saft, Lead developer at Unique, on 3 September.
3. Conducted Step up with Google Interns, Ritika Garg, Google STEP intern'22 and Sanya Gupta, SWE STEP intern'22 on 3 September .
4. Organized Compose Camp Session on Introduction to Android with Kotlin by Sahil Makkar on 11 September.
5. Organized Compose Camp Session on Introduction to Compose by Rahul Sain on 18 September.
6. Session on Build Career in Android Development by Abhishek Mishra, SDE-1 @Zomato on 24 September.
7. Organized Google Cloud Career Practitioner Program which included Introduction to Cloud Computing (19 November 2022) and About Google Cloud and GCCP (20 November 2022).

Anveshan

1. Webinar on Intro to web3 and Blockchain development by Ayush Singh (solana developer and web3 developer at superteam) conducted on 6th august 22.
2. Webinar on GSOC with GSOC cleared Devansh Dixit (BITS STUDENT) conducted on 17th august.
3. Webinar on UI/UX Design with UX designer Prishita Aggarwal conducted on 16th October 22.

#Define

1. Hash Define organized a pep talk with Love Babbar on 23-09-2022.
2. DSA bootcamp was organized by Hash Define for 2nd year students from 18-06-22 to 26-09-22 for 2-3 hours per day.
3. DSA bootcamp was organized by Hash Define for 3rd year students from 27-04-22 to 08-09-22 for 2-3 hours per day.
4. A bootcamp on Web Development was organized from 29-07-22 to 09-09-22 for 2-3 hours per day.

Department Activities

1. The CSE Department organized the 4th International Conference on Computing Informatics & Networks (ICCIN-22), held on 15th and 16th December 2022 in Hybrid Mode.
2. The Webinar on "The WEB 3.0 Guide about Social 3" by IOSD, on 26th Nov 2022 in Online Mode, by Ms. Sneha Mishra, Founder, Social SWE intern @Intuit Adobe WIT'21, DSC Lead IIIT Allahabad.
3. HackBPIT on 23rd-24th Nov 2022 in BPIT with 120 participants in OFFLINE Mode.
4. DATATHON by IEEE, BPIT on 23rd-24th Nov 2022 of 28 hrs in BPIT with more than 100 participation count in Online Mode.
5. ROBORACE by IEEE, BPIT on 24th Nov 22 in which 26 teams participated in BPIT premises.
6. IEEE, BPIT conducted ROBOWARS on 24th Nov 22 in BPIT premises.
7. Webinar on "About Google Cloud (GDSC)" on 20th Nov 2022 in Online mode by Ms. Tripti Shandilya and Mr. Siddhant Vijay Singh.
8. Webinar on "Introduction to Cloud Computing", by Google Cloud Developers Students Club (GCDSC) on 19th Nov 2022 in Online mode by Ms. Tripti Shandilya and Mr. Siddhant Vijay Singh.
9. Webinar on "GRE & TOEFL insights" on 10th Nov 2022, in Offline mode by Mr. Joseph Augentine by Pearl Academy.
10. 30 Days NLP Training held from 7th November 2022 - 14 December 2022 in collaboration with ICFOSS in Online Mode.
11. A Webinar by Japanese delegates from Casio India by Mr. Jintender Kumar Pathal, Mr. Obayashi (Casio, India), Mr. Kamei (Casio, Tokyo) and Mr. Hiraoka (Casio, Tokyo) was held on 9 November 2022 in OFFLINE MODE from 12:30 pm to 04:00 pm.
12. IEEE BPIT with Coding Ninjas conducted a Coding competition of 2 days in hybrid mode on 20-21 October in three rounds.
13. Workshop by IOSD on Code days by Amaan Ahmed on 16th October 2022.
14. Digital Poster Designing competition "ILLUSTRATIQUE" on the occasion of IEEE Day, on 7th October 2022 in offline mode.
15. Webinar on "Opportunities in Research after Engineering", in Online mode on 3rd October 22, whose speaker was Ms. Nitika Sachdeva.
16. Webinar by IOSD on Building career in Android Development by Abhishek Mishra on 26th September 2022.
17. Workshop by IOSD, Build IOS application by Mayank on 24th September 2022.
18. Webinar by IEEE in association with Career Launcher, on topic- "Personality Development for Placements and MBA Entrances" on 9th September, 2022. The speaker was Mr. Navneet Anand.
19. Webinar of the Department in association with Jamboree India Pvt Ltd, on topic- "Road to a Global Masters/ MIM/ MBA program through GRE or GMAT" on 5 September, 2022. The speaker was Ms Nikita Rohra.

Achievements

Student Achievements:

1. **Rishav Raj** (CSE 2021-25) & **Moksh Aggarwal** (CSE 2021-25) participated in HACKATHON – BVICAM at Bharti Vidyapeeth College of Engineering on 7 Oct. 2022.
2. **Yashika** (CSE 2021-25) was recommended for Air Force by service selection board Varanasi.
3. **Bhavye Malhotra** (CSE 2020-24) secured 2nd position in Defcon Delhi group's competition at IIIT Delhi.
4. **Prasuk Jain** (CSE 2020-24) participated in AWS Innovate Conference on 23 Aug. 2022.
5. **Sameer Rawat** (CSE 2020-24) secured 1st position in Delhi State Powerlifting Deadlift championship on 30 Oct. 2022.
6. **Sameer Rawat** (CSE 2020-24) secured 2nd position in Deadlift in open state championship on 13 Nov. 2022
7. **Sameer Rawat** (CSE 2020-24) went to World Robot Olympiad, both State and National championship as a Refree and part of management team held in Noida (30 Sep-1 Oct) and Gurugram (10-11 Sep 2022)
8. **Himank Jain** (CSE 2020-24) qualified in CPENT (Certified Penetration Tester Exam) conducted by EC Council on 30 Oct. 2022.
9. **Himank Jain** (CSE 2020-24) attended International Cyber Security conference held at Vivanta, Dwarka.
10. **Ekta Bansal** (CSE 2020-24) participated in University's 17th Inter-college sports tournament.
11. **Ekta Bansal** (CSE 2020-24) participated in Innerve by IGDTUW on 21 Sep. 2022 and qualified till the 2nd round.
12. **Abhishek Jha** (CSE 2020-24) went for NCC Camp (Army Attachment Camp) in Meerut on 25 October 2022.
13. **Tushar Rustagi, Kunal Khanna, Ranjan Kumar, Yash Atrey, Shikhar Kannojia & Chhavi** (CSE 2019-23) were the finalists of SIH-2022 held in Phagwara, Punjab.
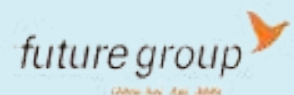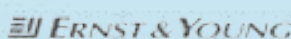14. **Pradeepto Sarkar** (CSE 2020-24) was selected for MLH Prep Fellowship on 3 Oct. 2022.

Faculty Achievements:

1. **Dr. Charu Gupta** received Research Excellence Award from EET CRS Research Wing for excellence in professional education and industry in Nov. 2022.
2. **Dr. Bhawna Suri, Dr. Shweta Taneja, Dr. Charu Gupta** and **Ms. Palak Girdhar** published a German Utility Patent in Dec. 2022.
3. **Dr. Himani Sharma** held a Virtual Labs workshop at IIT Delhi in Sep 2022.
4. **Ms. Kritika Sharma** conducted a workshop on spoken tutorials in collaboration with IIT Bombay, in 2022.
5. **Ms. Preeti Arora** successfully defended her Ph.D. viva on "Intelligence exploration tool for Big Data" in 2022.
6. **Ms. Richa Sharma** successfully defended her Ph.D. viva on "Data-Driven Modeling Framework for Cardiac Health Monitoring" in 2022.
7. **Ms. Palak Girdhar** successfully defended her Ph.D. viva on "A hybrid model for human activity surveillance using deep learning and motion flow" in 2022.

Placement Record Summary

YEAR	2020	2021	2022(till 24.8.2022)
SINGLE OFFER	99	108	102
MULTIPLE OFFER	164	203	183
MAXIMUM PACKAGE	30.25 LPA	41.86 LPA	66 LPA
MINIMUM PACKAGE	2.7 LPA	3 LPA	3 LPA
AVERAGE PACKAGE	6.21 LPA	9 LPA	10.14 LPA
ELIGIBLE STUDENTS	102	113	120
% OF STUDENTS PLACED OUT OF ELIGIBLE STUDENTS	97.06%	96%	85%

Key Recruiters

TATA CONSULTANCY SERVICES

future group

Chaayos

ZS ASSOCIATES

Google

AMERICAN EXPRESS

aws

amazon
SDE
SOFTWARE DEVELOPMENT ENGINEER

Infosys

Sapient

RBS

ZoomCar
Self-Drive For The Self-Driven

talent assure

AXIS BANK

ERNST & YOUNG

jaro education
Bhagwan Parshuram Institute of Technology

OYO
ROOMS

HDFC securities

ICICI Securities
Nurturing Profitable Partnerships

OUR FACULTY

BPIT

Prof. Achal Kaushik
Professor & HOD-CSE

Dr. Bhawna Suri
Associate Professor

Dr. Shweta Taneja
Associate Professor

Dr. Suman
Associate Professor

Dr. Vishal Khatri
Assistant Professor

Dr. Charu Gupta
Assistant Professor

Ms. Palak Girdhar
Assistant Professor

Mr. Dinesh Kumar
Assistant Professor

Ms. Deepti Jain
Assistant Professor

Ms. Preeti Arora
Assistant Professor

Dr. Mugdha Sharma
Assistant Professor

Ms. Kritika
Assistant Professor

Ms. Tanisha Madan
Assistant Professor

Ms. Akanksha Dhamija
Assistant Professor

Ms. Tina Dudeja
Assistant Professor

Ms. Richa Sharma
Assistant Professor

Dr. Himani Sharma
Assistant Professor

Ms. Shikha Bhalla
Assistant Professor

Ms. Soumya Sharma
Assistant Professor

Ms. Neha Sharma
Assistant Professor

Ms. Nikita Nijhawan
Assistant Professor

Dr. Shimpy Goyal
Assistant Professor

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Shri Vinod Vats (General Secretary)
Shri Ram Babu Sharma (Secretary)
Shri Jagdish Prasad Sharma (Treasurer)
Prof. Payal Pahwa (Principal)

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