

**IT****Volume 9**  
**Issue 1****B U Z Z****Jayawant Shikshan Prasarak  
Mandal , Wagholi,Pune**

The Jayawant Shikshan Prasarak Mandal is a charitable educational trust, a pioneer in imparting quality technical education in the field of Engineering ,Pharmacy, Management, Computer Applications etc. It has established five campuses in Pune at Tathawade, Hadapsar, Wagholi & Bavadhan & Narhe. Each campus consists institutes of global competitiveness.

The institute offers undergraduate courses in Electrical Engineering, Computer Engineering, Information Technology, Electronics & Telecommunication, and Mechanical Engineering, as well as postgraduate courses in Electronics & Telecommunication (E&TC) and Computer Engineering.

Bhivarabai Sawant Institute of Technology & Research (BSIOTR) is one of the leading engineering college, established in 2009-10. It is situated in a picturesque and breathtaking landscape at Wagholi on Nagar-Pune Road.

Institute Code: EN6311

**Vision:** To be a nucleus nurturing learner to cater current & future digital needs.**Mission:** M1-To groom learners for addressing technical challenges by utilizing knowledge and skill sets.

M2-To inculcate professional values to develop effective and efficient organization through best practices

**PEO-1:** Graduate shall have the ability to exhibit excellence in professional career by demonstrating a positive representation of their brand.**PEO-2:** Graduate shall have the ability to learn latest trends coping present and future needs.**PEO-3:** Graduate shall have sense of social responsibility by balancing the emotional quotient and strengthening the personal trails.



# INSTITUTE

## VISION

"To satisfy the aspirations of youth force, who wants to lead nation towards prosperity through techno economic developments".

## MISSION

To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship for all aspiring students which will prepare them to face global challenges, maintaining high ethical and moral standard.



## VISION

“To be a nucleus nurturing learner to cater current & future digital needs”.

## MISSION

1. To groom learners to address technical challenges by utilizing their knowledge and skill sets.
2. To inculcate professional values and develop effective and efficient organizations through best practices.

## PSOs

**PSO1:** Apply appropriate technologies and employ suitable methodologies by managing the information technology resources of an individual or organization for betterment.

**PSO2:** Anticipate the ever changing trends in information technology and assess the likely utility of new technologies.

**PSO3:** Develop IT systems that would resolve issues related to socioeconomic development and build the nation through digitization.



## PEOs

PEO1: Graduate shall have the ability to exhibit excellence in professional career by demonstrating a positive representation of their brand.

PEO2: Graduate shall have the ability to learn latest trends coping present and future needs.

PEO3: Graduate shall have sense of social responsibility by balancing the emotional quotient and strengthening the personal traits

# SECOND PRIZE IN INTERNATIONAL UST D3CODE HACKATHON 2024



Final-year IT students Atul Patil, Ganesh Kulkarni, and Gaurav Pandarkar from JSPM secured Second Prize in the International UST D3CODE Hackathon 2024, winning ₹5 Lakhs for their innovative project.

## **Event Highlights:**

Event: International UST D3CODE Hackathon 2024

Achievement: Second Prize (International Level)

Prize Money: ₹5 Lakhs

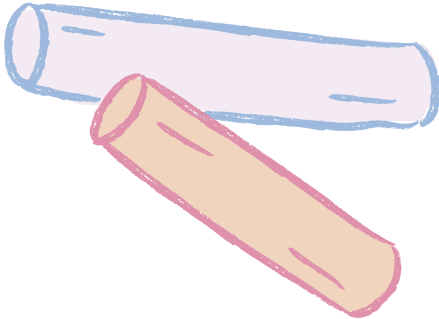
Participants: Atul Patil, Ganesh Kulkarni, Gaurav Pandarkar

Department: Information Technology, Final Year

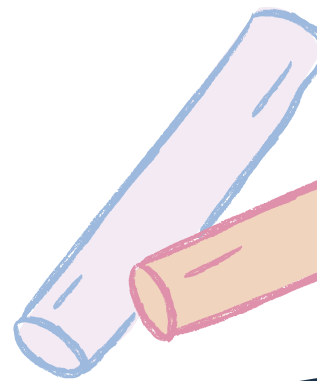
Guided by: Prof. Rekha S. Kotwal, Dr. Vinod S. Wadne

Felicitation by: Dr. Sachin Admane, Campus Director

# Teachers Day Celebration



JSPM's BSIOTR IT Department celebrated "Teacher's Day" and honor the teaching profession by allowing students to play the role of teachers and deliver lessons to their peers. On the occasion of Teacher's Day, students from SE-A and SE-B classes took on the roles of teachers. They demonstrated leadership, communication, and subject matter knowledge by teaching different subjects, thereby showcasing their skills and respect for the teaching profession.



# Ganpati Festival



JSPM's BSIOTR IT department organized 5 Days Ganpati Festival under Information Technology Student Association(ITSA). IT Department celebrated Ganpati festival from 07 th September 2024 to 11th September 2024.

This year's celebration was dedicated to honoring the legacy of Lord Ganesha and aimed at enhancing team spirit, cultural appreciation, and community engagement.



# Teacher's Day & Engineer's Day



JSPM's BSIOTR IT Department celebrated Teacher's Day and Engineer's Day together to honor the pivotal roles played by teachers and engineers in shaping society under Information Technology Student Association(ITSA). The event provided a platform to express gratitude to teachers for their unwavering guidance and to recognize engineers for their contributions to technological advancement. A variety of cultural performances were organized to add a joyful and festive spirit to the event. These included: Singing Performance, Dance Performance. Several games were organized for the teachers, allowing them to relax and enjoy the festivities. Teachers participated in activities such as musical chairs and a "Guess the object from Song" game, creating an atmosphere of lighthearted competition and fun.

# Fresher's Party 2k24

JSPM's BSIOTR IT Department hosted a grand Fresher's party to welcome the Second Year (SE) students and celebrate their entry into the academic family. The event also recognized academic achievers and outstanding performers, setting a positive and celebratory tone for the year ahead. FE Toppers and SE Toppers were felicitated by the HODs from different departments, celebrating their dedication to academic excellence. TE IT student Pranav Pagar was recognized for their victory in the swimming competition, receiving accolades for their excellence in sports and extracurricular activities. A major highlight of the event was the felicitation of the BE IT students, who secured 2nd place in the prestigious U.S.T Hackathon and won a prize of 5 lakh INR. This outstanding achievement was a source of immense pride for the department. The evening concluded with an exciting ramp walk competition to select Mr. and Miss Fresher. After a spirited competition, the titles were awarded to Mr. Fresher was Piyush Munde and Miss Fresher was Isha Akhade. The celebration continued with a DJ night, where students enjoyed dancing to popular tracks for an hour, followed by a dinner to conclude the event. The DJ session added a lively, fun atmosphere, allowing students to relax and bond after the formal proceedings.



# Aptitude Session



Seminar organized by JSPM's BSIOTR, IT Department training on "Aptitude Session" held on Monday 08th July 2024 To Friday 26th July 2024. The resource person was Mr. Pawan Nerniya. Trainer for Aptitude, Maharashtra and Madhya Pradesh. Mr. Pawan is a trainer of repute for various Engineering and MBA college.

## Objective:-

The primary goal of the session was to enhance participants' problem-solving abilities, logical reasoning, and quantitative aptitude. The session aimed to prepare attendees for competitive exams, placement tests, and other assessment scenarios while fostering critical thinking.



# Orientation Session



Seminar was organized by JSPM's BSIOTR, IT Department "Orientation Session Outline for Campus Placement Drive" for BE students which were held on Wednesday , 31st July 2024. The resource person was Dr.T. K. Nagraj Sir ,Principle,JSPM BSIOTR

1. Introduction to the Placement Drive 2. Overview of Participating Companies 3. Preparation Tips for Students 4. Mock Interviews and Group Discussions 5. Campus Placement Policies and Guidelines 6. Placement Process



# **Seminar on “Importance of Communication skill and soft skill for successful Professional career and social life”**

Seminar on “Importance of Communication skill and soft skill for successful Professional career and social life” by Dr.T. K. Nagraj Sir (for Class SE,TE,BE) ”was an initiative aimed at equipping students with essential communication and soft skills vital for their professional careers and social lives. This Seminar was organized by the Department of Information Technology to address the growing need for effective communication and interpersonal skills in the engineering profession.



## **Objective:**

The primary objectives of the seminar were: -To highlights the importance of Communication skills and soft skill in professional and social settings. - To provide students with practical tips and strategies for improving their communication and soft skills. - To motivate and inspire students to actively develop these skills for successful career and social life.

# FUEL Training Program AI with Python



As part of Training initiative BSIOTR offered students technical training program on AI with python of 120 hours in association with FUEL. 18 students enrolled for this training. The sessions were conducted by trainer Mr.Viraj D. (Python Developer) from Kinsfolk Solutions on from 02/08/2024 to 20/08/2024.

**Key Takeaways:- Technical Trainer has covered following topics –**

Python, SQL Django, Flask MySQL, PostgreSQL, Mango DB SQL Alchemy, Django ORM, RESTful APIs, Git, HTML, CSS, JavaScript.

# Full Stack Java Training Program by TNS India Foundation

As part of its training initiative, BSIOTR offered students a 250-hour Skill Development Training Program on Full Stack Java in association with TNS India Foundation. A total of 16 students enrolled in this training.

The sessions were conducted by Ms. Mayuri Fakirpure (Java) and Ms. Muskan Srivastava (Soft Skills), trainers from TNS India Foundation, during June, July, and August 2024.

## Key Takeaways:

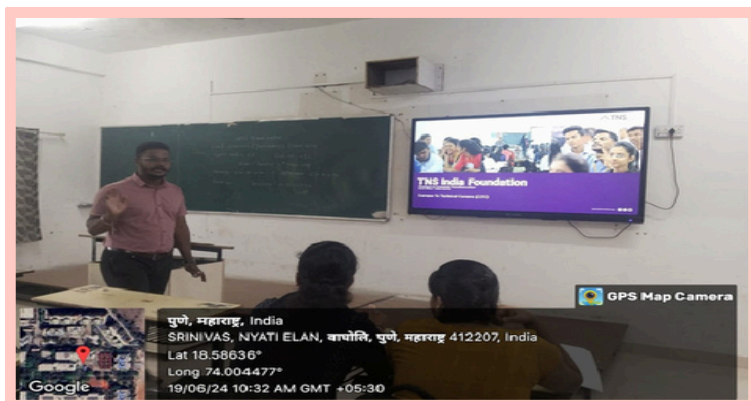
The Technical Trainer covered the following topics:

- Database using MySQL
- Java: Variables, Data Types, Operators, Precedence, Control Flow
- OOP Concepts: Classes & Objects, Methods
- Technologies: MySQL, JDBC, HTML, JavaScript, Git/Gradle
- Projects

The Soft Skills Trainer covered the following topics:

- Personal and Professional Effectiveness
- Effective Communication
- Interview Readiness
- External Sessions: Leadership Talks & Alumni Connect
- Inter-Batch Competitions: Self/Peer Development Projects
- Mock Sessions: Group Discussion (GD), Personal Interview (PI) (Technical + Soft Skills)
- Interview Preparation Sessions (IPS)

Assessments for this training were conducted on 22nd August 2024 and 10th September 2024. An Orientation Session was conducted by Mr. Subham Dhangar, Program Specialist, TNS India Foundation.



# Orientation Session on IBM skills build Certification

A seminar was organized by JSPM's BSIOTR, IT Department, on IBM SkillsBuild Certification on 7th August 2024. The resource person for the session was Ms. Veena Naik from Anudeep Foundation, Pune. The primary objective of the orientation session was to introduce participants to the IBM SkillsBuild Certification program, which offers a range of courses and certifications in various domains, including Artificial Intelligence, Data Science, Cloud Computing, and Cybersecurity. The session aimed to (continue with the intended objective).



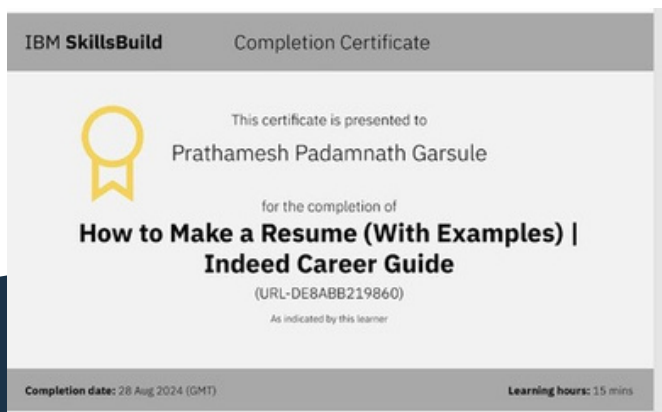
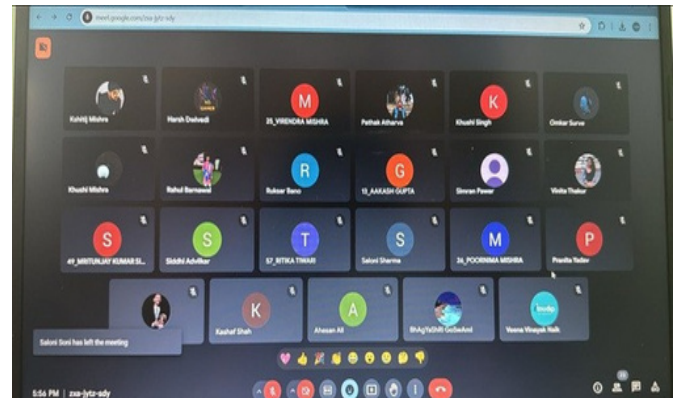
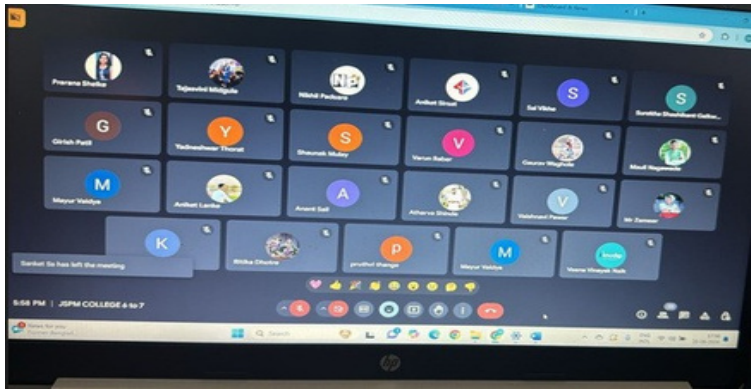
Familiarize participants with the structure and content of the IBM Skills Build courses.

Explain the benefits of obtaining an IBM certification, including career advancement and skill development.

Guide participants on how to enrol in the courses and prepare for the certification exams.

# Online Workshop & earn IBM Skills build Certificate

The online Workshop organized by JSPM's BSIOTR, IT Department on earn IBM skills build Certificates which is held on Friday 16th Aug 2024 to Friday 13th Sep 2024. The resource person was Ms. Veena Naik, Anudeep Foundation, and Pune. This session was going on for 25 hours for IBM Skills Build offers free online workshops and learning resources on various technical topics such as Artificial Intelligence Fundamental, Professional Skills, How to Make a Resume, Ace Your Professional Interview and completing courses and assessments, participants can earn an IBM Skills Build certificate.



# 3 day's Workshop on IBM skills build Certification

A workshop was organized by JSPM's BSIOTR, IT Department on "IBM SkillsBuild Certification" from Monday, 12th August 2024, to Wednesday, 14th August 2024. The resource person for the session was Mr. Aditya Dambale, an AI/ML Engineer and Data Scientist from Pune. The primary objective of the workshop was to introduce participants to the IBM SkillsBuild Certification program, which offers a range of courses and certifications in various domains, including Artificial Intelligence, Data Science, Cloud Computing, and Cybersecurity.

## Objectives of the Workshop:

- To provide participants with a practical understanding of the IBM SkillsBuild platform.
- To guide participants in selecting the right certification tracks based on their career goals.
- To offer hands-on experience with course content, learning tools, and exam preparation techniques.
- To encourage participants to pursue IBM certifications for career growth and skill enhancement.



# AWARENESS SESSION ON SMART INDIA HACKATHON (SIH) 2024

A seminar was organized by JSPM's BSIOTR, IT Department on the Awareness Session on Smart India Hackathon (SIH) 2024 on Friday, 23rd August 2024. The resource persons were the Grand Finale Winners of SIH 2023 from JSPM, ICOER, Wagholi, Pune, Maharashtra:



- Hrash Duche (Full Stack Developer & Team Leader)
- Pranav Sonwane (Android Developer)
- Mayank Bhatgare (UI/UX and Frontend Developer)
- Kshitija Deshmukh (R&D, Backend Developer)
- Prem Borate (UI/UX and Frontend Developer)
- Aditya Tote (Backend Developer)



The team shared their experiences and motivated students by providing valuable insights and guidance.

## Primary Objectives of Smart India Hackathon 2024:

- To harness the creativity and innovation potential of young minds.
- To identify and develop innovative solutions for real-world challenges faced by various ministries, departments, and industries in India.
- To provide a platform for students to showcase their technical skills and entrepreneurial spirit.

# CAREER GUIDANCE PROGRAM ON ABROAD EDUCATION OPPORTUNITIES

Seminar organized by JSPM's BSIOTR, IT Department Career guidance program on Abroad Education Opportunities held on 25th Sep 2024. The resource person was Mr. Satish Shirsath & Ms. Mona Shirsath, Education Experts, Pune Maharashtra.



## Objective:

### Understanding Abroad Education Options:

- **Study Destinations:** Popular destinations (USA, UK, Canada, Australia, Germany, etc.) and unique benefits of each. Degree
- **Levels:** Undergraduate, Graduate, Doctorate, and other specialized programs. **Field-Specific Opportunities:** Discuss fields with strong international programs, like Engineering, Medicine, Business, IT, etc. **Duration and Cost of Study:**
- Typical timelines and cost range in each destination.
- **Admission Requirements:** Common requirements like transcripts, standardized tests (GRE, GMAT, TOEFL, IELTS), and SOPs. **Tips for a Competitive Application:** How to create a strong profile, including SOP and recommendation letters.

# SEMINAR ON PLACEMENTS & HIGHER STUDIES OPPORTUNITIES THROUGH GATE AND COMPETITIVE EXAMS

Seminar organized by JSPM's BSIOTR, IT Department on Placements & Higher studies opportunities through GATE and Competitive exams held on 1st Oct 2024. The resource person was Mr. Pawan Ghulage, Pune.



The primary objective of the orientation session was to provide students with comprehensive insights into career opportunities available through GATE (Graduate Aptitude Test in Engineering) and other competitive exams. The event aimed to guide students on pathways for placements and higher education. The seminar highlighted both employment and higher education pathways available through competitive exams like GATE, GRE, CAT, and other public sector entrance exams.

**This session focused on the advantages of pursuing higher studies through GATE.**

The facilitator discussed the benefits of a master's or doctorate degree in engineering and sciences, including better job prospects, opportunities in research and development, and scholarships such as the MHRD scholarship.

# SEMINAR ON PERSONALITY DEVELOPMENT

The Seminar organized by JSPM's BSIOTR, IT Department on Personality Development held on 7th Oct 2024. The resource person was Mr. Ajay Suryawanshi, Infosys Pvt. Ltd., Pune.

## Objective:-

The primary objective of the seminar was to introduce help participants enhance their self-awareness, boost self-confidence, and build key interpersonal skills essential for personal and professional growth. The event sought to equip attendees with tools for managing stress, improving communication.

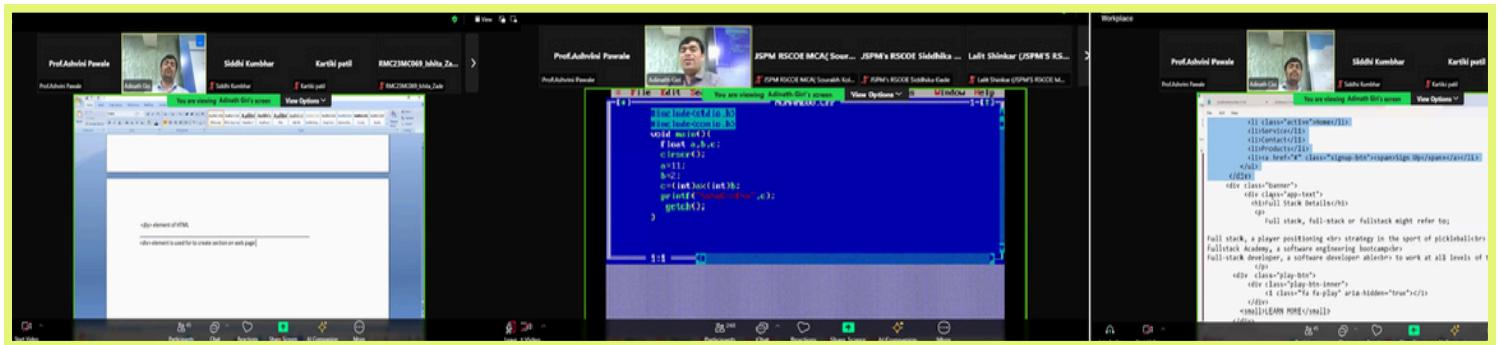


- Building Confidence
- Effective Communication Skills
- Time and Stress Management



# ONLINE TECHNICAL WORKSHOP ON PROGRAMMING SKILLS

The online workshop organized by JSPM's BSIOTR, IT Department on programming skills which is held on Saturday 10th Aug 2024 to 17 Nov 2024. The workshop will be delivered by Mr. Adinath Giri, a highly experienced professional with over 15 years of expertise in training and workshop facilitation. This ensures students receive valuable insights and practical guidance. This session was going for 15 weeks(Only on Weekends) to develop strong programming skill students will learn to build logical code, understand memory management and process management, and gain proficiency in essential programming languages.



## Objective:-

The primary objective of the online workshop was

- 1.To Enhance Employability: The program focuses on data structures, a crucial element for success in company placements and technical aptitude tests.
- 2.Technical Aptitude Preparation: Students will gain valuable insights into preparing for campus drives and coding interviews.
- 3.Exposure to Dynamic Programming: Participants will be introduced to advanced problem-solving techniques.

## Course Content:

C Programming Fundamentals. Data Structures (Arrays, Linked Lists, Stacks, Queues, Trees, etc.) Algorithm Design and Implementation Dynamic Programming Techniques

# EFFECTIVE STRESS MANAGEMENT & BUILDING RESILIENCE WORKSHOP

The workshop organized by NSS committee members JSPM's BSIOTR, IT Department on "Effective stress Management & Building Resilience workshop" held on 7th Oct 2024. The resource person was Ms. Shradha Nanawade, Ms. Pooja Khodve, Connecting Trust, Pune, Maharashtra.

## Objective:-

- Role-playing exercises to build self-assurance in professional career. Activities like "Escape Room Challenges" or "Treasure Hunts" that encourage teamwork and quick decision-making.
- A short session focused on confident posture, hand gestures, eye contact, and facial expressions.
- Small group sessions where students can discuss challenges and receive advice from peers.
- Close with a reflection activity where participants express gratitude for one thing about themselves.
- Encourages positive self-talk and helps build internal motivation. Guided exercises on speaking in front of a crowd with confidence.



# 2 DAY'S WORKSHOP ON OPERATING SYSTEM

The 2 Day's Workshop organized by JSPM's BSIOTR, IT Department on "Operating System" held on 15th Oct & 16th Oct 2024. The resource person was Mrs. Swati Khairnar, Mrs. Varsha Kulkarni.

## Objectives:-

To provide a comprehensive overview of operating systems, their importance, core functionalities, and emerging trends in the field. It helps for students, professionals, and enthusiasts who want to understand the role of operating systems in modern computing environments.



# 6 DAY'S HAND'S ON WORKSHOP ON DEEP LEARNING

The 6 Day's Hand's on Workshop organized by JSPM's BSIOTR, IT Department on Deep Learning held on Monday 21th Oct 2024 to Saturday 26th Oct 2024. The resource person was Mr. Deepak Mali, senior software Engineer, Trainz Digital Consulting Pvt.Ltd., Pune, Maharashtra.



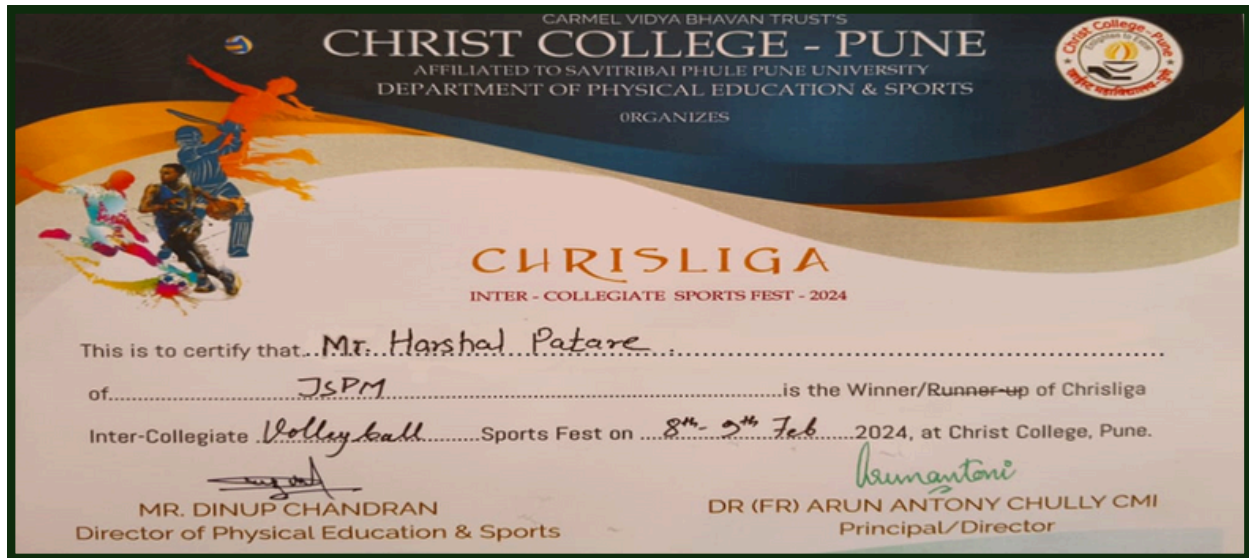
## Objectives:-

The primary objective of this seminar aims to provide participants with an understanding of deep learning concepts, its applications, and its impact on various industries. It serves as an introduction to the field and highlights emerging trends and career opportunities and practical implementations using popular framework.

## Topics Covered:

- 1.Introduction to Deep Learning
- 2.Fundamentals of Neural Network
- 3.Deep Learning Architectures
- 4.Hands-On: Building Deep Learning Model
- 5.Practical Challenges and Optimization Techniques

# ACHIEVEMENT IN INTERCOLLEGIATE SPORTS FEST 2024



The CRISLIGA Sports Fest aims to foster a spirit of healthy competition and promote physical fitness among students from different institutions.

## Event Details:

Event Name: CRISLIGA – Intercollegiate Sports Fest 2024

Organized by: Christ College, Pune

Date: 8th February 2024

Sport: Volleyball

Award: First Prize

Participant: Mr. Harshal Pathare, IT Department, JSPM

# GOLD MEDAL IN INTERZONAL SWIMMING COMPETITION



The students of JSPM's IT Department once again showcased their excellence in sports by securing top honors at the Interzonal Swimming Competition. The event brought together highly skilled swimmers from various zones, creating a competitive yet spirited atmosphere.

## Event Details:

- Event Name: Interzonal Swimming Competition
- Participant: Mr. Pranav Pagar
- Department: Third Year, IT Department
- Achievement: Gold Medal

# GOLD MEDAL IN INTERZONAL SWIMMING COMPETITION



The students of JSPM continue to bring pride and international recognition to the institution. In an outstanding achievement at the 4th Asian Roll Ball Championship 2024, Vedant Ghuge from the IT Department represented Team India and contributed to securing First Place by triumphing over Team Iran in the finals.

## Event Details:

- Event Name: 4th Asian Roll Ball Championship 2024
- Achievement: First Place (Team India)
- Participant: Mr. Vedant Ghuge
- Department: IT Department, JSPM
- Final Match: India vs. Iran
- Significance: Represented India at an international level after 13 years of dedication to the sport