



Maratha Vidya Prasarak Samaj's
Karmaveer Adv. Baburao Ganpatrao Thakare
College of Engineering, Nashik

Permanently Affiliated to Savitribai Phule Pune University
5 Programs are Accredited By National Board of Accreditation (2022-2025)



An Autonomous Institute Permanently affiliated to Savitribai Phule Pune University

STRONG EDUCATIONAL FOUNDATION TO ADVANCE YOUR CAREER

INFORMATION TECHNOLOGY

NEWS LETTER 2024-25

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ABOUT THE DEPARTMENT

The Department of Information Technology is established in 2008-09. The Department has intake of 60 students. The Department of Information Technology was established with a vision to develop quality engineers to meet the current trends in the emerging world of IT. Department has well qualified faculty members to impart knowledge to the students about the latest technologies in IT field. Department has 9 laboratories which are well equipped with necessary software along with WI-FI connectivity and also intended to provide technical support for Website development of different educational Institutions under MVP Samaj. Different Student development centered programs are arranged in the Department.

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VISION, MISSION AND OBJECTIVES OF DEPARTMENT:

VISION

To be the Centre for excellence in the development of IT solutions with specific approach of industry interface blended learning and project-based learning leading to the development of globally competent graduates and life-long learners.

MISSION

Committed to develop students as competent IT professionals for employment and self-employment by adapting to the innovative and interactive academic process to acquire domain specific technical knowledge, soft skills and social responsibilities

PROGRAM EDUCATIONAL OBJECTIVES

Graduates will analyze, design and implement modern computing problems by applying their knowledge of mathematics, information technology, and emerging technologies. Graduates will possess an attitude & aptitude for research, entrepreneurship and higher studies in the field of Information Technology.

Graduates will be aware of their professional, ethical, social responsibilities and contributions towards the betterment of society through active engagement with professional societies and other community activities.

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Activities And Events

Sr. No	Date	Session Title	Speaker	Organization	Audience
1	15 th July 2024 to 20 th July 2024	Workshop on C++	Ms. R. R. Tajanpure Mrs. B. A. Ahire.	Department of Information Technology	Information Technology SE Students
2	17th August 2024	Department Advisory Board Meeting	Dr. S. P. Jadhav	Department of Information Technology	IT faculty members and DAB members
3	30 August, 2024	Board of Studies Meeting		Department of Information Technology.	Head of Department and Chairman-BoS.
4	August 2 nd , 2024	Industry Visit Report at "Sivananda Electronics, Nashik "	Miss. Mansi Gaikar	Department of Information Technology	Information Technology students
5	August 9th, 2024	Expert Talk on "To understand the concept of Cyber Security and Law"	Mr. Hritik Mishra	Department of Information Technology	Second year Information Technology students
6	3 rd & 4 th September 2024	Expert Talk on "Collection Framework"	Mr. Mayur Tadekar	Founder of Marshalling Void Nashik	Second year Information Technology students

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7	23 September 2024 to 28 September 2024	Expert Talk on “Building Modern Web Applications with MERN Stack”	Mr. Shashank Shekhar Mr. Helvin Gheever	Experts from Edunet foundation	Information technology students
8	September 13 th , 2024	Industry Visit Report at “Sivananda Electronics, Nashik ”	Miss. Mansi Gaikar	Sivananda Electronics, Nashik	Information Technology students
9	20 th September 2024	Expert Talk on “Human- Computer interaction in Health Care Using AI”	Mr. Sagar B. Katarnaware	CEO, SEED Infotech, Nashik	TE IT students
10	17 th October 2024	Expert talk on “Game Development”	Swapnil Ghuge	Department of Information Technology	Information Technology students
11	20 & 21 December 2024	Visit to ACM India Chapter Summit	BMS College of Engineering and RV College of Engineering	.	Information Technology students
12	16 th to 21 st December 2024	One-week ATAL Faculty Development Program on "AI, ML, and DL in the Era of Data Revolution: Advancements and Applications”	,	AICTE ATAL Academy	faculty members and researchers
13	3 rd to 12 th December 2024	Academic Visit Report at “Manipal Institute of Technology, Manipal, Karnataka ”		Manipal Institute of Technology, Manipal, Karnataka	
14	15 th March 2024	Expert Talk on “Essential Cyber Security Practices in Software Engineering”	Prof. Ulape Deepak	Sanjay Ghodawat University, Kolhapur	SE IT students

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CPP Workshop

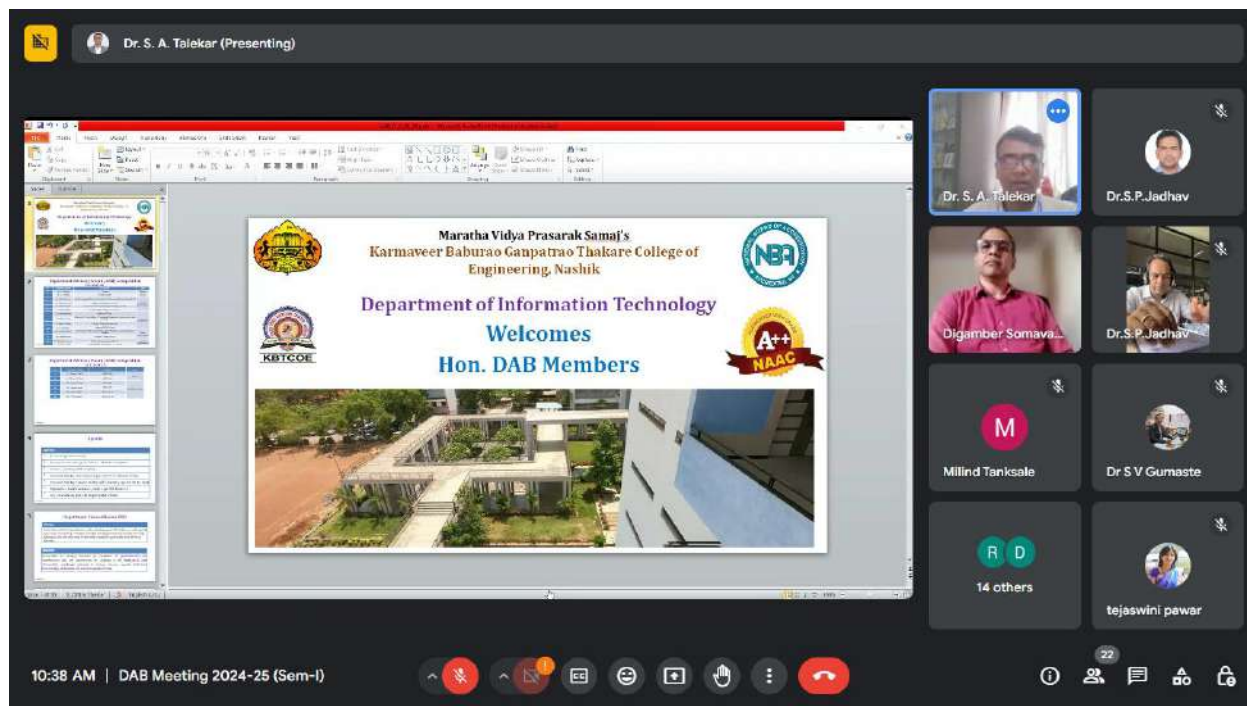


Workshop on C++

Department of Information Technology organized workshop on C++ for Second Year IT was held from 15th July 2024 to 20th July 2024. Students are given insights of basics of C++ as well as programming practice is taken. The five days hands on is conducted starting from data types, data structures till functions, class etc. The workshop was conducted for SE Div A as well as Div B. The workshop was conducted by Ms. R. R. Tajanpure and Mrs. B. A. Ahire.

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Department Advisory Board Meeting



The Department of Information Technology organized a Departmental Advisory Board (DAB) meeting on 17th August 2024. Dr. S. A. Talekar (HoD, IT), IT faculty members and DAB members were present for the meet. DAB members were welcomed by Program coordinator Dr. S. P. Jadhav. Industry experts and academician congratulated the institute on the award of academic autonomy. The key discussions included enhancing industry interaction, creating awareness of IT Industry ethics among students, encouraging students for book readings and global certification and develop the state of the art lab like IT industries for students.

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Board of Studies Meeting



Board of Studies meeting

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The first meeting of Board of Studies in Information Technology and AIDS department of MVPS's KBT College of Engineering, Nashik (KBTCOE), was held on 30 August, 2024, at 02.00 pm with following agenda.

1. Welcome and felicitation of members
2. Briefing of autonomy structure
3. Discussion on structure of Second Year, Third Year and Last Year of B.Tech program
4. Vote of thanks

BoS members were welcomed and felicitated by Head of Department and Chairman- BoS, Dr. S. A. Talekar. He presented department structure before committee members and a fruitful discussion was carried with BoS members in the view of autonomy expectations. Meeting ended with vote of thanks.

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Industry Visit Report at "Sivananda Electronics, Nashik "



Miss. Mansi Gaikar (Sivananda Electronics, Nashik)

On August 2nd, 2024, the Department of Information Technology organized an Industry Visit Report at "Sivananda Electronics, Nashik". This visit's goals are to raise awareness of the working environment, Working Methods, Employment practices of Industry. To experience the working environment of the Industry and to establish a link between theories taught in a

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classroom and actual practical concepts. 50 Information Technology students and two faculties visited to “Sivananda Electronics”. Miss Mansi Gaikar shown different Electrical testing and measuring instruments like **Multimeter, Clamp Meter, Insulation Tester, etc.** Madam explained product working on ATmega16L .The ATmega16L is a microcontroller from Atmel, which is now part of Microchip Technology. It belongs to the AVR family of microcontrollers and is widely used in various embedded systems and projects due to its features, capabilities, and ease of programming.

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Expert Talk on "To understand the concept of Cyber Security and Law"



Mr. Hritik Mishra (Cyber Ambassador , Cyber Safe India ,Nashik).

On August 9th, 2024, the Department of Information Technology organized an expert session for second-year IT students titled "To understand the concept of Cyber Security and Law." For this expert talk, Mr. Hritik Mishra from Cyber Ambassador , Cyber Safe India ,Nashik was invited as a resource. He explains key concepts of cyber law and cybercrime law. He explains the importance of cyber security law. Additionally, he clarified the repercussions of breaking cyber security regulations. Students studying SEIT benefited from this expert discussion.

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Expert Talk on "Collection Framework"



Miss. Mansi Gaikar (Sivananda Electronics, Nashik)

On September 13th, 2024, the Department of Information Technology organized an Industry Visit Report at "Sivananda Electronics, Nashik". This visit's goals are to raise awareness of the working environment, Working Methods, Employment practices of Industry. To experience the working environment of the Industry and to establish a link between theories taught in a classroom and actual practical concepts. 53 Information Technology students and two faculties visited to "Sivananda Electronics". Miss Mansi Gaikar shown different Electrical testing and measuring instruments like Multimeter, Clamp Meter, Insulation Tester, etc. Madam explained product working on ATmega16L. It belongs to the AVR family of microcontrollers and is widely used in various embedded systems and projects due to its features, capabilities, and ease of programming.

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Sports achievement

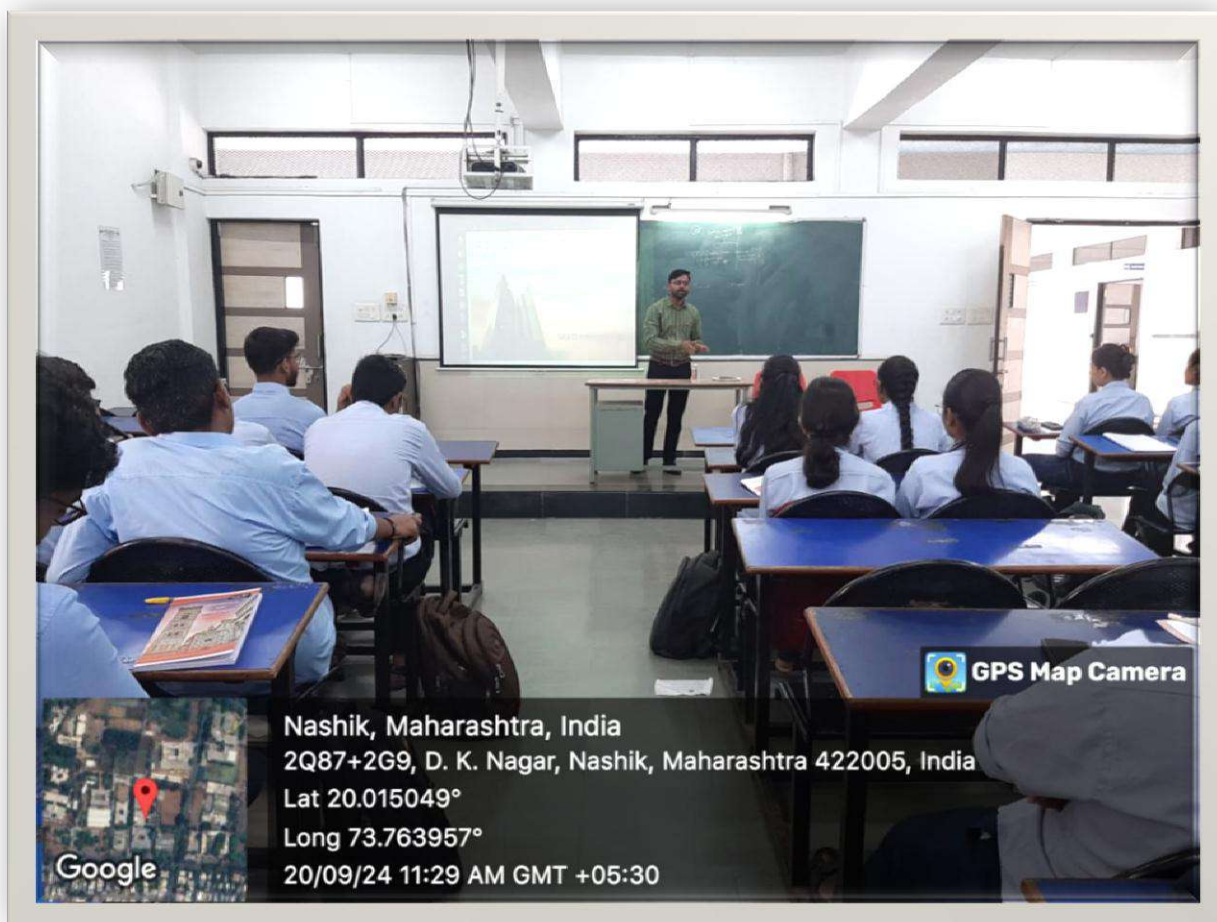


Samridhi Mulherkar BE-IT

Our college won the runner-up title in the girls chess tournament organized under Savitribai Phule Pune University, in this team Sanayi Shinde (SE-AIDS), Vedshree Sonwane (SE-AIDS), Samriddhi Mulherkar (BE-IT) and Sneha Tarayte (SE-AIDS) won. Edited, heartiest congratulations to him for this achievement.

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Expert Talk on "Human-Computer interaction in Health Care Using AI"



Date : 20th September 2024
Time : 11:00 A.M to 12:00 P.M
Venue : T.E. Classroom – [605]
Topic to be covered : HCI in Health Care Using AI
Sagar B. Katarnaware CEO, SEED Infotech, Nashik

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Department of Information Technology organized expert talk on “Human-Computer interaction in Health Care on 20/09/2024 for Third Year IT students Sagar B. Katarnaware CEO, SEED Infotech branch head was invited as a resource person for this expert talk Firstly; he gave brief introduction of himself. In the expert talk, he shared valuable knowledge regarding the topic, how Human-Computer interaction work in Health Care. He also explained the Job opportunities in Human-Computer interaction. He delivered the knowledge on interface & design; TE IT students took the benefits of this expert talk.

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Expert talk on "Game Development"



Our ACM team with Special Guest Mr. Swapnil Ghuge

The Department of Information Technology has started ACM Student Chapter on 17/10/2024. We are proud to announce the successful inauguration of our MVPS's KBT ACM Student Chapter. It is marked by an incredible Expert Talk on Game Development by Swapnil Ghuge , followed by a hands-on Game Development Workshop by our student Kushal Shankhapal . we are pleased to give Special thanks to our esteemed guest Swapnil Ghuge for delivering a thought-provoking session on game development. The ACM Faculty Sponsor is Dr.Santosh Pandurang Jadhav.

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Visit to ACM India Chapter Summit



The KBT ACM Student chapter representative Mr. kushal shankapl, Girija upadhey and faculty representative Dr.S.P.Jadhav participated in ACM India Chapter Summit 2024, hosted by BMS College of Engineering (BMSCE) and RV College of Engineering (RVCE),Bangalore,on December20-21,2024. This two-day summit focused on Sustainable Computing, exploring how technology can address the critical challenges of sustainability in today's world. The event was designed to unite ACM chapters across India, providing a platform for exchanging experiences, discussing innovative ideas, and strengthening the relation between students.

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One-week ATAL Faculty Development Program on "AI, ML, and DL in the Era of Data Revolution: Advancements and Applications"



The Department of Information Technology organized one-week Faculty Development Program under the AICTE ATAL Academy initiative on "AI, ML, and DL in the Era of Data Revolution: Advancements and Applications." The FDP, sponsored by AICTE, was conducted from 16th to 21st December 2024 and witnessed the participation of 45 faculty members and researchers from various parts of the country.

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This FDP aimed to provide in-depth knowledge of Artificial Intelligence, Machine Learning and Deep Learning concepts, along with their real-world applications. Eminent academicians and industry experts delivered insightful sessions, ensuring a comprehensive learning experience for the participants.

The program featured expert sessions by distinguished resource persons:

1. **Dr. Parikshit N. Mahalle**, Dean (R&D), VIIT, Pune
2. **Dr. Deepak Dewangan**, Assistant Professor, ABV-IIITM, Gwalior
3. **Dr. Kranti Ghag**, Associate Professor, D. J. Sanghvi College of Engineering, Mumbai
4. **Mr. Sanket Khandar**, AI/ML Expert, Winjit, Nashik
5. **Mr. Tushar Kute**, Founder, MITU Skillologies, Pune
6. **Dr. Pravin Nemade**, Professor, MVPS's K.B.T. College of Engineering, Nashik

The sessions covered key advancements in AI, ML, and DL, focusing on hands-on training, emerging research trends, and industry applications. Participants expressed appreciation for the structured curriculum, interactive discussions, and practical demonstrations.

The Department of IT extends its gratitude to AICTE and ATAL Academy for their support in making this FDP a success. Such initiatives help bridge the gap between academia and industry, fostering skill development in emerging technologies.

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Academic Visit Report at "Manipal Institute of Technology, Manipal, Karnataka "



Dr. S.A. Talekar along with other department HODs visited Manipal Institute of Technology, Manipal, Karnataka from 03/12/24 to 06/12/24. We toured the innovation center Apple Creative Studio ,IoT Innovation Lab, Data Analytics, Center for Rapid Prototyping ,Robotics and Automation Lab, AI, and renewable energy labs. The visit included interactions with the Principal, Dean Academic,IQAC Coordinator and Joint Director Dr. Somashekhara Bhat. They have also given the demonstrations of advanced engineering projects showcased MIT's emphasis on practical learning. Overall, the visit provided valuable insights into the advantages of autonomy in higher education.