

About Vidya Pratishthan

Vidya Pratishthan is a name fondly synonymous with education in all its myriad forms and academic aspects. Since its inception in 1972, the Institution has majestically scaled the ladder of success with a profundity that aptly reflects its commitment to accord educational facilities to all sections of society. Duly realizing the absolute necessity of providing class education to the kith and kin of farmers, laborers, and villagers, Vidya Pratishthan took upon itself the need-based endeavor of making education accessible to the poor and the deserving. It was backed by the illustrious visionary, Hon. Shri Sharadchandra Pawar and indomitable leader, Hon. Shri Ajitdada Pawar, with experienced guidance of the members of the Management Committee, the Pratishthan ushered in an era of imparting general as well as Technical Education through the Institutions, which are captained by illustrious personalities in their respective fields.

With a sprawling campus of 156 acres, the Vidya Pratishthan houses 25 institutions. More than 23,000 students are nurtured daily to turn them into the dearest citizens of the nation and sought after persons in the world of Knowledge. Once upon a time, the dry, desolate and rocky landmass has been turned into an artistically carved out landscape that creates just the right aura and decor of Academia.

Center of Excellence in AI

With the advancements in AI-powered technologies, all the domains are dreaming to adapt and make the mark. Vidya Pratishthan decided to establish the center of excellence in AI with advancements in other fields. Enabled by computing power, availability of data, and progress in algorithms, AI is progressively turning into one of the strategic technologies of the 21st century. AI can contribute to a wide array of benefits across the entire spectrum of economic and social activities. Today, the amount of data that is generated, by both humans and machines, far outpace humans' ability to absorb, interpret, and make complex decisions based on that data. AI forms the basis for all computer learning. It is the future of all complex decision-making and hence helps to solve complex problems and boost the green and digital transformation of businesses and societies.

The center will be established on 4 acres of land with a 3880 square meter built-up area, and six laboratories providing cutting-edge research facilities (Artificial Intelligence and Machine Learning, Data Science and Business Analytics, Internet of Things, Augmented Reality and Virtual Reality, AI for Agricultural Technologies, Mining, Drones & Automation, AI for Climate Action, Global Health & Industry 4.0). To broaden the research perspective the center has signed MoUs with multinational industries and universities abroad like IBM, Microsoft, and, Oxford.

Vidya Pratishthan

Vidyanaigari, Bhigwan Road, Baramati, Dist. Pune - 413 133

+91 9011085714



www.vidyapratishthan.com



ibm.ice@vpkbiet.org



Proposed center of Excellence in AI

Vidya Pratishthan's

IBM-ICE

(INNOVATION CENTRE FOR EDUCATION)

An Initiative of

CENTER OF EXCELLENCE
IN

ARTIFICIAL INTELLIGENCE

Knowledge Partner

IBM

Technology Enabler Partner

DESIGN TECH PUNE

**"A first of its kind initiative to create
manpower in AI and related domain"**

About IBM

IBM is global technology and innovation company headquartered in Armonk, New York. Started in 1911. With operations in over 175 countries. It specializes in computer hardware, middleware, and software and provides hosting and consulting services in areas ranging from mainframe computers to nanotechnology. IBM is the largest industrial research organization in the world, with 19 research facilities across a dozen countries, and holds the record for most annual U.S. patents generated by a business for 29 consecutive years. The largest technology employer in the world has 380,000 employees serving clients in 170 countries. IBM has several leadership development and recognition programs to acknowledge and foster employee potential and achievements. IBM is one of the most respected brands in the world.

About IBM ICE

Considering tomorrow's need and catering the training facility and world-class research, Vidya Pratishthan is establishing a Center of Excellence in AI with the following objectives

- To provide knowledge and skills in AI and other emerging technologies to students from diverse disciplines in the Baramati region
- To undertake Skill-development, R&D, product development, and consultancy activities in the field of AI and other emerging technologies

Digital Technology is not only disruptive but also all pervasive. No discipline of study has remained 'insulated from its impact'. IBM interacts with the Universities to design and deliver these integrated courses for our aspiring future generation. Vidya Pratishthan, Baramati has endorsed an Alliance Agreement with IBM's Innovation Center for Education (ICE) and DesignTech Systems Pvt. Limited, on 28 Dec 2022. With an aim to enhance the skills and train the students ensuring they are industry-ready, and globally competitive, the IBM Innovation Center for Education (ICE) has designed a tailored curriculum to improve the student employability quotient for students pursuing careers at Vidya Pratishthan, Baramati.

About DesignTech Corporation

DesignTech systems a leading product development technologies and services provider right from early adoption of 3D CAD in 1998, to digitalization of today, DesignTech is committed to support Vidya Pratishthan to leverage latest technologies for digitalization and growth.

DesignTech is an education partner of IBM and will be working closely with Vidya Pratishthan and IBM to successfully run these courses for the students

IBM-ICE program is industry-relevant course by industry-relevant trainer to make the students industry-ready.

Course Offered

IBM Innovation Centre for Education (ICE) is a 'unique global initiative' by IBM, to offer much-needed applied information technology knowledge to graduating students from Vidya Pratishthan, in various dominant and futuristic technology areas for Certification in

1. Artificial Intelligence and Machine Learning
2. Data Science
3. CyberSecurity
4. Internet of Things (IoT)

Every certification includes four courses distributed over four semesters

These courses would be offered to undergraduate students in addition to their regular university degree courses as:

1. Two-year Honours/Majors Program for students having a Computer Science background (usually in the last two years of ongoing degree programme)
2. Two-year Minors Program for Non-Computer Science Students (usually in the last two years of an ongoing degree program in any discipline)
3. One-year Post Graduate Diploma Program for Graduate Students from various disciplines & Working Professionals (after completion of graduation in any discipline)

Salient Features

- A basket of 4 courses will be delivered in Two years, that is, one course per semester, as per our timetable.
- These basket of 4 courses are to be taken by students over and above their regular university coursework.
- Courses will be taught by IBM to a batch of 60 students
- Students can avail of soft loan at 3.1% per annum (simple interest) to be repaid after graduation and 2 years moratorium.
- Fees For Honours/Minor Degree Programme: Rs. 78,000/- (Rs. 19500/- per course)
- Course delivery: 60% Online and 40% Offline
- The Program also offers Industry Project & Virtual Internship. On completion of the course, students would be awarded a globally recognised IBM Badge (Digital Certificate).

The other courses that IBM Offers under this MoU are as follows

- Cloud Computing & Virtualization
- Open Computing
- Mobile Application Development
- Telecom Informatics
- Healthcare Informatics
- E-Commerce, Retail & Automation
- Banking, Financial Services, and Insurance
- Cyber Security & Forensics
- Graphics & Gaming
- Manufacturing Systems
- IT Infrastructure
- Internet of Things and Smarter Cities
- Mainframe Technology
- Oil & Gas Informatics