Maharshi Karve Stree Shikshan Samstha's

K.B. JOSHI INSTITUTE OF INFORMATION TECHNOLOGY

(Affiliated to S.N.D.T Women's University, Mumbai)

(Approved by-Govt. of Maharashtra **I** AICTE-New Delhi **I** DTE (DTE Code-6971))

MASTER OF COMPUTER APPLICATIONS

MCA

PROSPECTUS 2022-23

Visited

Honourable Vice-chancellor of SNDT Women's University Prof. Ujwala Chakradeo visited our campus.

Shri. Uday Samant Honorable Minister Higher & Technical Education Convocation Function.

This 15th of March we & our students were honored to interact with Mr. Eghosa Osaghee, Nigerian delegates.

On the occasion of 125 year closing ceremony of Maharshi Karve Stree Shikshan Santha
Ex-Vice-chancellor of SNDT women's university Dr. Shashikala Wanjari visited our institute.

Honourable Pro Vice - Chancellor of SNDT Women's University Dr. Ruby Ojha visited our campus.

About SNDT Women's University

SNDT Women's University is the first Women's university in India as well as in South- East Asia. The University was founded by Maharshi Dr. Dhondo Keshav Karve in 1916 for a noble cause of Women's Education. The first five women graduated in 1921 from this University. The University Headquarters is in Churchgate Campus, Mumbai and the other two campuses of this University are at Juhu, Mumbai and Karve Road, Pune.

Today we visualise the SNDT Women's University as a world class university that continually responds to the changing social realities through the development and application of knowledge. The purpose of such engagement will be to create an inclusive society that promotes and protects the dignity, equality, social justice and human rights for all, with special emphasis on empowerment of women.

Our Mission

SNDT Women's University is committed to the cause of women's empowerment through access to education, particularly higher education, through relevant courses in the formal and non-formal streams. Further the university is committed to provide a wide range of professional and vocational courses for women to meet the changing socio-economic needs, with human values and purposeful social responsibility and to achieve excellence with "Quality in every Activity"

About Maharshi Karve

Bharat Ratna Maharshi Karve funded 'Samstha' with the Objective of uplift, emancipation and education of women who formed a major section of socially downtrodden. Dr. karve dedicated his whole life for this humanitarian cause with great determination and courage. For his sacrifice and dedicated social work and his contribution to the nobel cause he was awarded 'Bharat Ratna' the highest national award.

About Maharshi karve Stree Shikshan Samstha

The 125-years-old parent body has been committed to "Empowerment of Women through Education". The Institution works relentlessly towards educating the women and thereby making them self-reliant. The Samstha was established in 1896 by the great visionary and social worker Bharat Ratna Maharshi Dhondo Keshav Karve to provide shelter to destitute women. Maharshi Karve Stree Shikshan Samstha, Pune has branches all over Maharashtra in India and more than 35,000 girl students are learning in these institutions. Over the period of last 125 years, the Institution has grown like a banyan tree and at present it runs 65 educational and other units under its umbrella. These units are located at Pune, Satara, Wai, Ratnagiri, Nagpur, Kamshet and Vasai. All these units are meant exclusively for girls or women. We also have hostel and medical facilities for students and working women and old age home for senior citizens.

The Institution offers education from Kindergarten, Pre-Primary, Primary, Secondary, Higher Secondary schools to Higher Education Colleges. At present the Institution runs higher education units like, Engineering, Architecture, Management, Nursing, Fashion Technology, Vocational Training Institute, Laser Technology & Applications, Jewelry Design, etc. With the changing trends in the jobs market, the courses like Data Science, Artificial Intelligence, Machine learning, laser technology, Automotive Mechatronics are also planned in near future.

MKSSS strives hard to develop women into truly performingcitizens in today's globalization era.

About K.B. Joshi Institute of Information Technology

K. B. Joshi Institute of Information Technology established in the year 2003. Joshi Foundation has given generous donation for the construction of the Institute in the name of Pioneering businessman Late. K. B. Joshi who was founder member of several trade groups and trade association including Maharashtra Chamber of Commerce.

Our meticulous thinking in framing up the curriculum, state of art infrastructure with innovative back-up, interactive exposure to the key happenings in the world of IT, makes our students understand the contemporary and future scenario. They are ready to meet pre-requisites of IT world. The Institute is basically interested in issues related to women in IT. It is committed to develop young women IT professionals for the avenues opened up due to tremendous growth of IT sector in every field of Business and day life

Empowerment of Women through IT Education

MISSION

To develop competent young women IT professionals with capability to contribute effectively in the challenging IT environment.

OBJECTIVE

To provide skilled manpower to industry by imparting quality education to women in IT field Serving the community by educating girl students who are poor, needy, socially and economical weaker Educating women on health, sports and cultural aspects along with academics to face the challenging environment
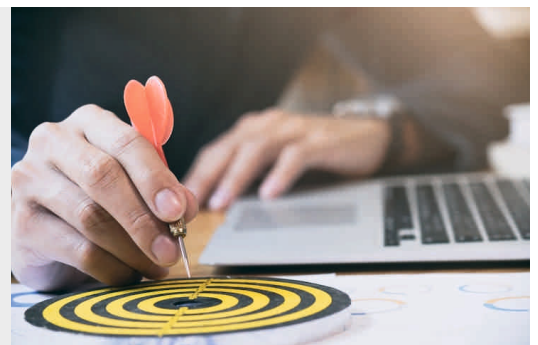
> *The Power of Mind is like rays of sun dissipated.. When they Concentrate, they illumine*

Principal
Dr. Swati Sayankar

With Blessings of Bharat Ratna Dr. Maharshi Karve ,K.B.Joshi Institute of Information Technology. Started in the year 2006 to accomplish the Vision"Empowerment of Women in IT Education."
In 10 years of span Institute is flourished in different aspects with dedicated efforts of staff and support of Management.

Institute has strong Industry-Institute Linkages, Pooled Campus Placements for development of students. Institute signed Various MOUs with Industry for the benefit of Staff and students. Students topped the Merit list of University every year which is pride to our Institution.

Students are placed in various IT Companies like WIPRO, TCS, COGNIZANT, INFOSYS and many others as a Software Engineer, Programmer, Software Tester etc. This opportunity has given the students especially girls real empowerment which makes them self reliant.

College strives hard for all round development of students which helps them to excel in sports, cultural, curricular extracurricular activities.

The efforts of the Institute are aimed to deliver good human beings to society and contribute effectivelyinnation building. Iamproud to be a part of this noble initiative.

Infrastructure Facilities :

Class room

**"Education to innovate for Tomorrow"**

Furnished Classrooms with Presentation aids. The Institute has well planned lecture halls and syndicate rooms. The halls are airy and well lit. Each hall has the latest audio - visual teaching aids like Computer, LCD projectors, speakers etc.

Computer Lab

"Dive Into Technology"

The state of art hub of the institute possesses round the clock facility with the latest hardware, software and networking solutions. High speed internet access round the clock. The lab is equipped with all the required licensed software. Here, learning acquires the implementation mode and students come close to practicality.
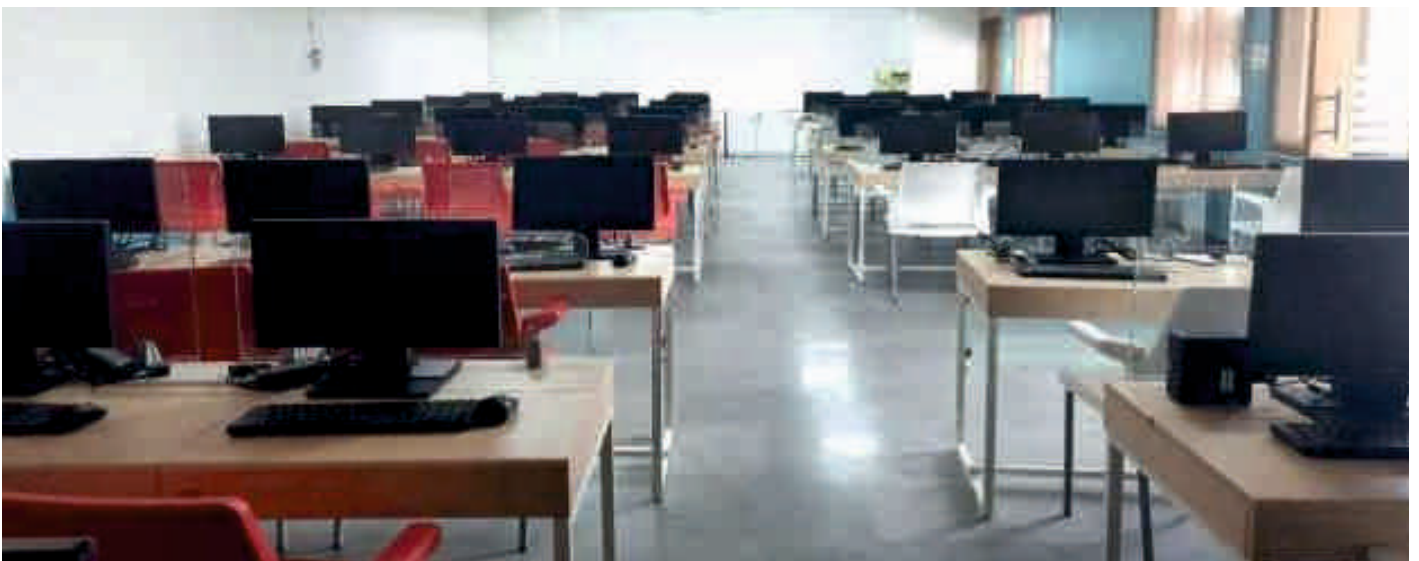
The Library

"Intellect to Innovate"

Library is a place in which educational materials such as Books, Periodicals, Projects, Question Banks are kept for learning, reading and references which offers the students a whole reading scope of their choice, thus helping them acquire the knowledge on a wide range of topics. The literary and artistic material such as Magazines, Newspapers, dictionaries etc. are available in the library.

As idea begins to take shape here, innovation gets intrinsically reared. The main objective of KBJIIT Library is to provide open access facility and information related services to our students and the faculties. Leading newspapers and many magazines are regularly subscribed and are made available in Reading Hall for students and staff.

Hostel

"Home away From Home"

Safe and comfortable hostel is available at Sir David Sasson Hostel Complex.

• Well arranged rooms with good ventilation, furniture and fan

• Study table and chair in each room

• High Security

• Trained and Qualified Staff

• 24 Hours medical facility

• 24 hours hot water facility

• Water coolers on each floor

• Television, Newspaper, Magazines etc.

• Generator Backup

• Spacious Dining Halls

Health Club

"Commit to be fit"

Physical fitness is given equal importance for a sound mind resides in a sound body. The Samstha has a play ground with facilities for jogging, cricket, basketball, kabaddi, khokho, etc. The campus also has a DhyanMandir for meditation purposes. The Tejswini Health Club provides all the modern fitness equipment's. It also provides training in Yoga and Aerobics. The Institute's building provides facilities forindoor games like Carom, Chessand Table-tennis etc.

Other

Banks, ATM, Post Office, Doctors, Medicals outside college campus. Distinguished Qualified Staff

Committees

Anti-ragging Committee
• Ragging is strictly prohibited in K.B.Joshi Institute of Information Technology.
• Any student indulging inany kind of ragging will be liable topunish in accordance with "UGC"
• Regulation on curbing the menace of ragging in higher educational institutions, 2009",
  constituted by the University Grants Commission.
• The punishment under these regulations includes rustication from the institute and /or
  prosecution under Criminal Act. Women's Grievance Cell Against Sexual Harassment

Women's Grievance Cell Against Sexual Harassment

As per the directives given by Supreme Court, Samstha hos formed Committee for Anti Sexual Harassment" (CASH)"

Grievance Redressal Cell

Grievance Redressal Cellis formed as per AICTE guidelines for students.

SC/ST Cell

SC/STCell is formed as per AICTE guidelines for students.

ICC (Internal Complaint Committee)

ICC is formed as per AICTE guidelines for students.

Our Esteemed Recruiters

WIPRO
Applying Thought

Infosys®

HSBC

ZenSar
TECHNOLOGIES
Your Transformation Partner

IGATE
Speed.Agility.Imagination

Cognizant

TATA
TATA CONSULTANCY SERVICES

Infosys®
BPO

eClerx

Tech
Mahindra
IT Services and Telecom Solutions

L&T Infotech

Capgemini
CONSULTING.TECHNOLOGY.OUTSOURCING

EATON
Powering Business Worldwide

Atos

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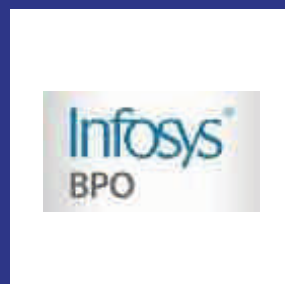
4 Step Process

MAH CET Online application process

Application forms for MAH CET are made available online on the scheduled date. Interested candidates can download the forms from the DTE, Maharashtra website (http://www.dtemaharashtra.gov.in). CET admit card is made available for download from the scheduled date. The candidates can download admit cards from their individual login from the official website of DTE Maharashtra.

CET Examination

The Online CET would comprise ur sections viz Mathematics and Statistics, Logical/ Abstract reasoning, English comprehension and verbal ability and Computer Concepts of total 200 marks with a composite time of 90 minutes' duration for MCA and 150 minutes' duration for MBA

Online Application

Online Exam

Result

Cap Round

CET results

The MAH MCA CET result is declared in the month of May. The result is available on the official website of DTE Maharashtra and the candidates can download their result through their login credentials. Then candidates fill Option Forms. College allotment list is made available in the candidate's login.

CAP Rounds

DTE Official Website displays the schedule of CAP Rounds. Document Verification of the candidate is done through Admission Reporting Centre (ARC). The candidate has to report to an allotted college for completing the admission process.

Structure of the Programme

Semester I

Code	Subject
1101	Mathematical Foundation of Computer Science
1102	Research Methodology and IPR
1103	Advanced Data Structure
1104	Advanced Java (Contents: spring, MVC, Net Beans and Hibernate)
1105	Computer Network Programming using Linux
1201	Advanced Data Structure Lab
1202	Advanced Java lab
1203	Computer Network Programming Lab
1204	Research paper I - Literature Review (review paper

Semester II

Code	Subject
2101	Managerial Economics
2102	Software Architecture
2103	Artificial Intelligence
2104	Advanced Databases
2105	Elective-I
2201	Web Engineering Lab(Contents: CSS, Angular JS, Node JS, PhP, Mysql, etc)
2202	Software Testing and Quality Assurance Lab
2203	Mobile Computing lab
2204	Artificial Intelligence Lab
2205	Advanced Databases Lab
2206	Research paper II - Research Mini Project

Semester III

Code	Subject
3101	Cyber Security
3102	Data Science and Analytics
3103	Cloud Computing
3104	Machine learning 3105 Elective-II
3201	Data science and Analytics lab (Content: Implementation using Python)
3202	Cloud computing Lab
3203	Elective-II Lab
3204	Machine learning lab
3205	Research Paper III- Presentation / Publication(Content: Technical
	communication for Research Paper Writing, Rubrics for evaluation

Semester IV

Code	Subject
4101	Project
4102	Swayam based MOOC

Names of Elective-I	Names of Elective-II
1. Image Processing	1. Soft Computing
2. Ethical hacking	2. GIS
3. IOT	3. Cyber Physical System
4. Game theory	4. NLP
5. Block Chain	5. Big Data Analytics

Constitution of CDC	Members
Chairperson of the management -Committee	– Smt. Vidya Kulkarni
Secretary Nominee	– Dr. Madhuri Khambete
Head of the Department	– Asst. Prof. Rupali Saraf
College Teaching Staff	– Asst. Prof. Kalyni Namjoshi Asst. Prof. Aparna Kale Asst. Prof. Asawari Sawant
College Non-teaching staff	– Shri. Girish Moghe
Education	– Dr. Kishor Desarda
Industry	– Shri. Atul Nagras
Social	– Shri Prabhakar Sonpatki
Coordinator Internal Quality Assurance	– Asst. Prof. Rupali Saraf
President and Secretary of the College – Students Council	– Akshata Bedarkar SYBCA
Principal of the College	– Dr. Swati Sayankar

Maharshi Karve Stree Shikshan Samstha	
President : Smt. Smita Ghaisas	**Chairman :** Shri. Ravindra Deo
Vice-Chairman : Smt. Vidya Kulkarni	**Secretary :** Dr. P. V. S. Shastry

MoUs/Training Institutes

1. Cognitive Exchange :

To Build Cognitive Skills and Leadership among Students

2. Skill Gurukul :

Aptitude training for placement and entrance exams

3. Fuel :

Aptitude and Interview Skills and Technical enhancement (Core Java and Software Testing)

4. Quick Heal Foundation :

Earn and Learn cyber security awareness program

5. Rubicon Training :

24 hours soft skills and interview technique program in association with Barclays

Induction Program

(For First Year MCA students)

Date	Particulars	Resource Persons
05/01/2022	IOT - Applications and Challenges	Dr. Shikha Nema (Dean-Science and Technology, SNDT WU)
	Industry 4.0 and Expected Skill set	Dr. Bhooshan Kelkar (Director-Neuflex Talent Solutions Pvt. Ltd.)
	Health and Nutrition	Tejaswini Health Club, MKSSS
06/01/2022	Current Technology Trends	Dr. P.V.S. Shastry (Secretary-MKSSS)
	Career Opportunities in Data Science	Mr. Rahul Bhanose (CEO-Bizamica Solutions)
	Robosol - Introduction of various Certification Courses for better Employability	Mr. Prashant Lad and Team (Robosol, Mumbai)
07/01/2022	Leadership and Human Values	Mr. Amit Deokule (Director-Soul Omkar)
	My Mental Well Being	Dr. Pallavi Kasande Counselling Head (Baya Karve Stree Abhyas Kendra)
	Employability Skills Development	Mr. Ashish Joshi (Director-Skillsmart World)
	Significance of Research and Writing Good Research Papers	Dr. Namita Rajput (Former Principal- Sri Aurubindo College evening, Delhi University)

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https://maharshikarvebcapune.org

*One Lamp Lights
another.
Doing so does not grow
less Luminous!!!*

The Great Visionary

Bharat Ratna Maharshi Dhondo Keshav Karve,
Popularly Known as Maharshi Karve was born on
18 April 1858 in Sheravli (Ratnagiri Dist.)