

Features of IMR

- Assured Campus Placement assistance.
- Softskill, English Communication, Aptitude Test Training for Placement.
- Bridge Course for Freshers.
- Extra focus on practical subjects.
- Committed and experienced faculty.
- Legacy of gold medalists.
- Industry Oriented Certificate Courses & Workshops in addition to syllabus.
- Wi-Fi Campus, Advance Computer Labs
- Library with ample books
- Ekalavya Sports Complex

Our Esteemed Recruiters



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Mrs. Deepali Kirange	Mr. Satish Damade	Mrs. Varsha Zanke (Labrarian)
Ms. Shweta Ramani	Ms. Yogeshwari Yawalkar	

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MCA

(2 Years)

DTE CODE : 510124110



Khandesh College Education Society's
INSTITUTE OF MANAGEMENT & RESEARCH, JALGAON

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About KCES's IMR, Jalgaon

Khandesh College Education Society, Jalgaon, established in 1944 is a profound academic movement with various institutes under its umbrella. Institute of Management & Research, Jalgaon was established in the year 1986 and is a pioneer institute in the field of management education in North Maharashtra Region, and continues to be an Institute of repute in its 35th year!

The Institute stands tall in North Maharashtra with dedicated and committed faculty, good infrastructure, learning resources and progressive teaching pedagogy with consistent placement record and a vibrant campus life.

Located in the heart of the city, IMR has an enviable infrastructure, a spacious lobby and computer labs, latest teaching aids and learning resources. The Institute has well stacked libraries with numerous National & International Journals along with adequate e-journals and a number of titles.

Our institute has tie-ups with prestigious organizations both academic and from industry which is a part of our continuing efforts to improve the quality of education and exposure to students and society.

The Institute is well known for activities which are not only student friendly but also focus on the upliftment of society in general and stakeholders in particular. The institute was recently awarded 'Outstanding Management college in India for Industry interface 2019' recognized for outstanding contribution to Education, Skill and Research at the hands of President C E G R and Member secretary AICTE New Delhi.

Vision:

Committed to provide value based, quality, professional and technical education to the students and empowering them with the required skill sets and competencies to face challenges of the fast changing global environment.

Mission:

- To provide necessary technical and professional education with a view to uplifting the lives of rural and urban students.
- To create a conducive platform for students to develop their skills and knowledge.
- To encourage innovation and research aptitude among students.
- To inculcate global ethics and human values in all the learners.

DTE Code	Intake
510124110	180

*Fees as per the Maharashtra State Government regulatory body



Mr. N. G. Bendale
President

President Message

"KCES's IMR the pioneering management institute of the North Maharashtra region has been one of the most favoured one. It has kept its high standard of education right from its inception in 1986. Today, it is one of the premier academic institutions committed to achieve the highest academic standards. Apart from the routine academic exercises, the students get practical experience in varied co-curricular and extra-curricular activities, providing them a training-ground to meet the challenges in life."



Prof. Dr. Shilpa K. Bendale
Director

Director Message

"I hope all of you are safe and in good health wherever you are. Presently, Covid-19 pandemic is the deadliest disease of the era and has affected lives all around the globe. As a remedy to the current misfortune, we have followed the preventive measure protocols in compliance with the instructions advised by Government of India. The normal classroom teaching and laboratory activities have been disrupted. In spite of all these hurdles we are making our best efforts to not interrupt our academic commitments, thereby continuing to acquire knowledge, innovation and excellence. Our esteemed faculty members have productively handled online classroom teaching and ensured uninterrupted learning process for the students who have cooperated positively on their end. We are hopeful and optimistic that situations will recover, however until then let us continue to be united and encourage each other by standing together against this pandemic worldwide.

We train and help students to Think out of the Box so that IMR they will be the medium of change and will contribute to the nation and bring about transformation by working hard. The industry interaction continues with invited leaders from the industry who share rich experience at various events & seminars held at IMR.

So come, join us to help achieve IMR's mission and vision and in turn, vision of India."

MCA Vision:

To become a preferred Institute in the field of computer science and technology, imparting relevant skills and knowledge to the students to meet emerging global challenges.

MCA Mission:

- To impart up-to-date technical knowledge.
- To develop students into successful professionals with analytical, logical and computational skills to provide sustainable solutions.
- To expose students to the current trends and opportunities in local as well as global IT Industry.
- To inculcate professional responsibility with an inherent ethical value system.
- To cultivate innovative thinking and research culture among students.

1.1. PO Statements

PO1. Computational Knowledge: Understand and apply mathematical foundation, computing and domain knowledge for the conceptualization of computing models from defined problems.

PO2. Problem Analysis: Ability to identify, critically analyze and formulate complex computing problems using fundamentals of computer science and application domains.

PO3. Design / Development of Solutions: Ability to transform complex business scenarios and contemporary issues into problems, investigate, understand and propose integrated solutions using emerging technologies

PO4. Conduct Investigations of Complex Computing Problems: Ability to devise and conduct experiments, interpret data and provide well informed conclusions.

MCA Program Educational Objectives (PEO's)

PEO	PEO Statements
PEO- 1	Practical Knowledge : Use Modern tools and technologies for software development.
PEO- 2	Design and Development : Develop software solutions to problems across a broad range of application domains through analysis and design Contribute to research of their chosen field and function and communicate effectively, to perform both individually and in a multi-disciplinary team.
PEO- 3	Innovation and Entrepreneurship : Continue the process of life-long learning through professional activities; adapt themselves with ease to new technologies, while exhibiting high ethical and professional standards.

PO5. Modern Tool Usage: Ability to select modern computing tools, skills and techniques necessary for innovative software solutions

PO6. Professional Ethics: Ability to apply and commit professional ethics and cyber regulations in a global economic environment.

PO7. Project Management and Finance: Ability to understand, management and computing principles with computing knowledge to manage projects in multidisciplinary environments.

PO8. Communication Efficacy: Communicate effectively with the computing community as well as society by being able to comprehend effective documentations and presentations.

PO9. Individual & Team Work: Ability to work as a member or leader in diverse teams in multidisciplinary environment.

MASTER IN COMPUTER APPLICATION (M.C.A.) (FACULTY OF SCIENCE)

Eligibility: Any Graduate (Min 45%) with Math/Stat at XIIth/Graduation

COURSE STRUCTURE

Semester I		Semester II	
Compulsory		Compulsory	
CA-101	Database Management System (DBMS)	CA-201	Advanced Software Development Methodologies
CA-102	Operating Systems	CA-202	Mathematical Foundations of Computer: Science
CA-103	Fundamentals of Artificial Intelligence	CA-203	Data Structures and Algorithms
Elective 1		Elective 1	
CA-104(A)	Computer Programming and Problem Solving	CA-204(A)	Machine Learning
CA-104(B)	Web Programming	CA-204(B)	Digital Image Processing & Computer Vision
Elective 2		Elective 2	
CA-105(A)	Java Programming (Core Java)	CA-205(A)	Advanced Java (Technologies)
CA-105(B)	Object Oriented Programming using C++	CA-205(B)	Python Programming
Practicals		Practicals	
CA LAB-I	LAB on DBMS	CA LAB-V	LAB on Adv. Software Devp. Methodologies
CA LAB-II	LAB on C++ Programming	CA LAB-VI	LAB on Data Structures and Algorithms
CA LAB-III(A)	LAB on COPS	CA LAB-VII(A)	LAB on Machine Learning
CA LAB-III(B)	LAB on Web Programming	CA LAB-VII(B)	LAB on Digital Img. Processing & Comp. Vision
CA LAB-IV(A)	LAB on Java Programming	CA LAB-VIII(A)	LAB on Advanced Java (Technologies)
CA LAB-IV(B)	LAB on C++ Programming	CA LAB-VIII(B)	LAB on Python programming
AC-101	Practicing Cleanliness	AC-201	Personality and Cultural Development
Semester III			
Compulsory		Practicals	
CA-301	Compiler Construction	CA LAB-IX	LAB on Design and Analysis of Algorithms
CA-302	Design and Analysis of Algorithms	CA LAB-X	Lab on High Perfor. Computing Paradigms & App.
CA-303	High Performance Computing Paradigms & App.	CA LAB-XI (A)	Lab on Natural Language Processing
Elective 1		CA LAB-XI (B)	Lab on AI Practice using Python
CA-304 (A)	Natural Language Processing	CA LAB-XI (C)	Lab on Data Analytics
CA-304 (B)	AI in Practice with Python	CA LAB-XII (A)	Lab on Android Programming
CA-304 (C)	Data Analytics	CA LAB-XII (B)	Lab on Microsoft .Net Technologies
Elective 2		CA LAB-XII (C)	Lab on Ruby on Rails
CA-305 (A)	Mobile App. Devp (Android Programming)	AC-301	Technology + Value Added Course
CA-305 (B)	Microsoft .Net Technologies		
CA-305 (C)	Ruby on Rails		
Semester IV			
CA-401	Full time Industrial Training		