

PROSPECTUS

Master of Computer Applications



Bharati Vidyapeeth's
Institute of Management & Information Technology
Navi Mumbai
(NBA Accredited)

Institute

Vision

"Social transformation through dynamic education"



Mission

- Mission 1** : To prepare students for careers in the industry and pursue research in all branches of computing field through effective teaching learning process.
- Mission 2** : To strengthen the industry institute interaction by providing up-to-date programs.
- Mission 3** : To imbibe amongst the students ethical usage of technical knowledge beneficial to the society.
- Mission 4** : To provide an environment that fosters a framework for promoting collaborative and multi-disciplinary activities.



Department

Vision

Providing high quality, innovative and value-based education in information technology to build competent professionals.

Mission

- M1. Technical Skills:-**To provide solid technical foundation theoretically as well as practically capable of providing quality services to industry.
- M2. Development:-**Department caters to the needs of students through comprehensive educational programs and promotes lifelong learning in the field of Computer Applications.
- M3. Ethical leadership:-**Department develops ethical leadership insight in the students to succeed in industry, government and academia.

Our Strength



Dr. PATANGRAO KADAM

Founder,
Bharati Vidyapeeth (Deemed to be University).

As a founder of Bharati Vidyapeeth, He had envisioned to add value and bring about a social transformation in the spheres as crucial as management. Having set up Bharati Vidyapeeth's Institute of Management & Information Technology, this dream has finally been realized. He can The Institute arms it aspirants with top notch education and relevant skills. BVIMIT has produced some of its most brilliant IT managers in recent times.

Bharati Vidyapeeth has made astonishing strides in the field of education during a span of 50 years. Bharati Vidyapeeth offers education at all levels right from primary level to Post-Graduate level.

The institute has also ingrained in the students strong beliefs, values and institutional culture. Today, the institute has been able to tap the talents of the students thus helping them run the extra mile.

Our Inspiration



Dr. SHIVAJIRAO KADAM

Chancellor

Bharati Vidyapeeth (Deemed to be University)

Our Leadership



Dr. VISHWAJEET KADAM

Secretary

Bharati Vidyapeeth, Pune

Pro, Vice Chencellor

Bharati Vidyapeeth (Deemed to be University)



DR. SUHASINI VIJAYKUMAR

M.C.A., Ph.D(Computer Science)

Principal, BVIMIT.

Bharati Vidyapeeth's Institute of Management and information Technology (BVIMIT) was established in 2002 to cater to the needs of corporate India by providing quality education in IT. The panorama of industrial liberalization asserts that the management of Industrial operations/ functions and technology will play pivotal role in delivering competitive products and services. BVIMIT foresees this opportunity where economy has been globalized, corporate management has been decentralized and empowerment has become a reality. To avail this opportunity, BVIMIT cultivates a new breed fessionals in IT who take holistic and integrated approach of the operations thereby providing effective solutions.

Our Programmes are aimed at grooming these professionals and equip them with the latest management tools and techniques.

I am sure that our education will provide Indian corporates with 'Technology of Tomorrow' and transform the corporate world. I am proud to state that our alumni have been placed with leading organizations in India and abroad. It is needless to say, our vision was further fortified by continuous support from the corporate. I am confident that our campus will add both to corporate India as well as individual excellence.

Bharati Vidyapeeth

Enriching Lives since 1964

Bharati Vidyapeeth has made astonishing strides in the field of education the past 57 years particularly, higher and professional education. Today Bharati Vidyapeeth conducts more than 156 educational units of various kinds' right from pre-primary schools to postgraduate institutions and a full fledged professional university.

Today, Bharati Vidyapeeth has its major campuses in New Delhi, Navi Mumbai, Pune, Solapur, Kolhapur, Sangli, Karad, Satara, and Panchgani and at quite a few other places. Bharati Vidyapeeth is probably the only organization from Maharashtra having its campus in the capital city of India. It is not in the urban areas alone that Bharati Vidyapeeth has started its institutions. Its schools and colleges have dotted rural areas and even the remotest tribal and coastal areas of Maharashtra.

Bharati Vidyapeeth runs more than 78 schools and 60 institutions of higher education, including those of professional education. Among these are colleges of Medicine, Dentistry, Ayurved, Homeopathy, Nursing, Pharmacy, Law, Biotechnology, Engineering, Computer Application, Management, Hotel Management & Catering Technology, Environment Science, Agriculture, Physical education and more. With a view to promote research activities and to create a research culture on its campuses, Bharati Vidyapeeth has established specialized research institutes in the areas of Health Related Sciences, Biotechnology, Information Technology, Applied Chemistry and Social Sciences.

The corporate office of Bharati Vidyapeeth is located in the prestigious area of Deccan Gymkhana in the city of Pune. Honorable Dr. Patangraoji Kadam had always put premium on the quality of education imparted to the students through the institutions of Bharati Vidyapeeth. He always emphasized that the students of Bharati Vidyapeeth should get updated and excellent education in a very hospitable and conducive atmosphere. So Bharati Vidyapeeth is very selective about the appointment of its academic staff. It provides enriched infrastructural facilities, well-equipped libraries and laboratories, well-developed and sprawling playgrounds and other amenities in its institutions.

Within a very short period of fourteen years, Bharati Vidyapeeth (Deemed to be University) has established its credentials and reputation as a leading private University in the country. Taking advantage of the autonomy which it has and the flexibility that it can offer, this University has introduced numerous innovative academic programmes and activities.

Institute of Management & Information Technology

Decoding a bright future for you

Information Technology has invaded our society in the most remarkable and significant manner. Hence to keep pace with the modern times, the year 2002 marked the establishment of Bharati Vidyapeeth's Institute of Management & Information Technology (BVIMIT) with the objective of imparting quality management education to the youth to meet challenges of Corporate India.

Situated amidst a picturesque backdrop of Parsik hills of C.B.D., Belapur, our campus is strategically located among a hub of commercial activities of Mumbai, Navi Mumbai & Western India. Being well connected by rail and road, our campus is easily accessible.

The evolving scenario of Corporate India encouraged BVIMIT to embark on revolutionary courses at the Post Graduate Level : Master of Computer Applications (MCA). Accredited by NBA Approved by AICTE, DTE and Affiliated to University of Mumbai. MCA focuses on the Information Technology field to the core, with Software Programming Languages, it gives a superficial touch of management subjects too.

We ensure students with the latest technologies, softwares, management tools, books and update them. At BVIMIT, we believe, that our student's future depends on the direction in which their education begins



Infrastructure & Facilities



Campus

Just as you need to keep your cool under pressure the campus is nestled against the backdrop of Parsik Hills of Belapur providing a serene atmosphere that boosts learning and where students can experience peace and tranquility. It is well equipped with elevators and fire extinguisher.



Classrooms

The classrooms are well ventilated & designed keeping in mind the science of ergonomics. The classrooms are also well-equipped with all the modern teaching aids such as LCD projectors & other audio-visual aids.



Library

The library holds an enviable collection of a large number of books, research reports, magazines, journals and periodicals. It is well stocked with 12788 books and subscribes to 38000 national & international journals and 11 newspapers.



Computer Lab

Computers today are an indispensable asset. It is an effective modern management tool. The institute has set up two states of the art computer labs equipped with latest processor systems and all latest S/W packages. Students are given Internet & Wi-fi facility round the clock in the institute.

* Hostel facility is also available for boys & girls.

Infrastructure & Facilitys



Seminar Hall

The seminar hall which seats 250 students is well equipped with modern presentation and teaching aids and is used for hosting guest lectures, seminars and workshops



Conference Room

Like all professionally managed, world class management institutions, BVIMIT has conference room that allows students and the faculty to get together for presentations and group discussions. The room also has state of equipment for audiovisual demonstration.



Cafeteria

Spacious, airy & trendy, the cafeteria offers ample scope for students to break free from their regular schedules and enjoy appetizing. Indian/continental food in an extremely casual yet dynamic ambience.



Recreational Facilities

Education demands much more than just class room training. Recreation too plays a vital role in molding professionals of tomorrow. Bharati Vidyapeeth's IMIT has a huge playground attached to the campus & a sports center that stocks a wide range of sportgears.

* Facility available for the physically challenged students.

Master of Computer Application (MCA)

Program Details

MCA was introduced in BVIMIT in the year 2002. It is a two year full time programme affiliated to the Mumbai University approved by AICTE with the intake of 120 students. Spanning over four semesters, the course not only includes subjects that give a good grounding in the IT concepts. Preparing the student to be more competent to face the dynamic corporate world.

The program churns out professionals who are not only conversant with technology but also applications for various vertical domains. In the final semester, the students are required to undertake industry project for 6 months to bridge the gap between theoretical knowledge & practical learning.

Highlights : MCA

MCA curriculum and training methodologies have been designed to impart knowledge of modern Information Technology techniques and practices to develop skills by inculcating aptitude commensurate with compulsions of the changing society. Broadly, these programs offer the following benefits to the students:

- First hand exposure to corporate ethics & problem solving capacity
- Face the Information Technology challenges of the new age
- Extensive theoretical / practical knowledge
- Technical skills with managerial abilities
- Fostering excellence in execution and operation
- All-round personality development
- Enhanced presentation / communication skills
- Analytical mind with sharp technical skills
- Gives an edge in the employment market
- Knowledge of foreign languages
- Highly developed intra-personal & interpersonal skills
- Practicing ethical principles in IT environment



MCA NEP 2020 Curriculum

Semester I

- Mathematical Foundation for Computer Science
- Advanced Java
- Advanced Database Management System
- Software Project Management
- Elective - 1
- Advanced Data Structures Lab
- Advanced Java Lab
- Advanced Database Management System Lab
- Web Technologies Lab
- Mini Project – 1A

Semester II

- Research Methodology
- Artificial Intelligence and Machine Learning
- Information Security
- Elective - 2
- Elective - 3
- Soft Skill Development
- Artificial Intelligence and Machine Learning Lab
- Devops Lab
- Elective - 2 Lab
- Advanced Web Technologies (AWT) Lab
- User Interface Lab
- Networking with Linux Lab
- Mini Project – 1B

Semester III

- Big Data Analytics and Visualization
- Elective - 4
- Elective - 5
- Elective - 6
- Big Data Analytics and Visualization Lab
- Elective - 4 Lab
- Elective - 5 Lab
- Mobile Computing Lab
- Research Project (RP)
- Individual Social Responsibility (ISR)

Semester IV

- Internship Project
- Research Paper / Product / Patent
- Massive Open Online Course (MOOC)

Semester I - Elective 1

- Accounting & Managerial Economics
- Optimization Techniques
- Digital Marketing and Business Analytics
- e-Commerce

Semester II - Elective 2

- Internet of Things
- Robotic Process Automation
- Natural Language Processing
- Design and Analysis of Algorithm

Semester II - Elective 3

- Green Computing & Sustainability
- Management Information System
- Cyber Security
- Soft Computing

Semester III - Elective 4

- Computer Vision
- Deep Learning
- Distributed Systems and Cloud Computing

Semester III - Elective 5

- Computer Vision
- Deep Learning
- Distributed Systems and Cloud Computing

Semester III - Elective 6

- Design Thinking & Innovation Skills
- Digital Forensics
- Entrepreneurship Management

Note: Syllabus details are subject to change as per University of Mumbai.

Value Added Programmes

Performance is the product of configuration between abilities and attitudes. Most management courses take care of enhancing ability of students by imparting them knowledge and skills. However, ability alone is not enough to ensure performance, leave alone its quality, quantity and consistency.

Keeping this in mind BVIMIT has identified few competency areas in which students are tested before being provided with additional inputs to enable them to develop right attitudes, which in turn can guide their behavior, under the broad rubric of Personality Development Programme.

1. Communication Skills.
2. Presentation Skills.
3. Application Letter Writing
4. Resume Writing
5. Report Writing
6. Mock Interviews.
7. Group Discussions.
8. Skill Development Courses



Apart from this, Students get Campus to Corporate (CTC) training from Industry Experts. CTC helps students to make up a professional mindset that is required in the Corporate world.

Technical Aptitude tests, Mock Interviews & Group Discussions (GD) sessions are held regularly for the students to make their minds razor sharp and help them in getting a feel of how Interviews are conducted in the corporate.



Placements

BVIMIT tracks excellent placement records with the Placement Cell working round the clock for placements, students are ensured to get placed in some of the finest IT companies. Our meta program helps the Institute to achieve better placements in the well known IT Organizations. Few of the companies where our students got placed:

OUR RECRUITERS



For further information, please contact:
Prof Manish Dubey
Prof. Sudeshna Roy
Placement Co-ordinator, BVIMIT
E-mail id: placement.bvimit@gmail.com
Website: www.bvimit.co.in



Admission Procedure

The MCA course is affiliated to the University of Mumbai and approved by AICTE, New Delhi, recognized by Directorate of Technical Education, Govt. of Maharashtra and Affiliated to University of Mumbai with 4 semesters over two years with intake of 120 students.

Eligibility

The candidate should fulfill the following eligibility criteria:

- (i) The candidate should be an Indian National;
- (ii) Passed BCA or Bachelor Degree in Computer Science Engineering or equivalent Degree and obtained at least 50% marks in aggregate (at least 45% in case of candidates of Backward Class categories, Economically weaker section and Persons with Disability category belonging to Maharashtra State);
Or
- (ii) Passed B.Sc. or B.Com. or B.A. with Mathematics at 10+2 Level or at Graduation Level (with additional bridge Courses as per the norms of the concerned University) and obtained at least 50% marks in aggregate (at least 45% in case of candidates of Backward Class categories, Economically weaker section and Persons with Disability category belonging to Maharashtra State)

Selection Process

Candidate has to appear and qualify the common Entrance Test MAH-MCA-CET conducted by Government of Maharashtra State Common Entrance Test Cell.

- A candidate desirous of seeking admission through CAP should fulfill the eligibility criteria mentioned above.
- The candidate's name should figure in the concerned merit list (Respective University level/ State level General Merit list / OMS merit list / J&K Migrant Merit List) prepared for admission.
- The result of the MAH-MCA-CET will be displayed on the website: www.mahacet.org. It shall be the responsibility of the candidate to keep abreast of notification displayed on the official website www.mahacet.org from time to time and follow the instructions given therein.
- Seats will be allotted to candidate as per their inter se merit, as per the options filled in the online option form and the number of seats available at the point of time in the stage of CAP Round for admission will be conducted only for eligible Maharashtra State Candidates whose names have appeared in Maharashtra State Merit list.

- The candidates securing allotment are required to confirm the admission by reporting at the institute mentioned in allotment along with the original certificated needed for admission on or before the last date specified for the same. No personal communication in this regard will be issued.

Documents required

- A) No application will be considered unless it is accompanied by attested copies of the following documents:
- 1) Certificate of passing of the qualifying examination (i.e. 10th, 12th, Degree mark sheet & passing certificate) with true copy of the statement of marks.
 - 2) College Leaving Certificate (After qualifying exam).
 - 3) Certificate of Date of Birth / Domicile Certificate.
 - 4) Caste Certificate & Validity (If applicable) issued by concerned authorities.
 - 5) Non-Creamy Layer Certificate.
 - 6) Adhar Card.
 - 7) Income Certificate.
 - 8) EWS Certificate
- B) Copies of certificate attached to application form should be attested by the Head Master / Principal of School / Institute, or a Gazetted officer or Special Executive Magistrate. Original certificates, if attached to the application will not be returned.
- C) The application form of any of the certified received after the last date prescribed shall not be entertained

Note:

For more details MCA admission process visit www.mahacet.org

Institute level seats available on merit of www.mahacet.org

For these seats the candidate after applying to the Competent Authority shall thereafter apply to the institution for admission at Institution level and the Institution shall give admission on the basis of inter-se merit in the Merit List prepared by the Competent Authority. It is pre-requisite and mandatory to apply to the Competent.

Authority to be eligible for admission under this quota.

Fees

As per Government of Maharashtra, Fees Regulating Authority (FRA).

Anti-ragging Policy

AICTE Regulations as per the Directives of Supreme Court

Ragging constitutes one or more of any of the following acts

Any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student.

Indulging in rowdy or undisciplined activities by any student or students which causes or is likely to cause annoyance, hardship, physical or psychological harm or to raise fear or apprehension thereof in any fresher or any other student.

Asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student.

Any act by a senior student that prevents, disrupts or disturbs the regular academic activity of any other student or a fresher.

Exploiting the services of a fresher or any other student for completing the academic tasks assigned to an individual or a group of students. Any act of financial extortion or forceful expenditure burden put on a fresher or any other student by students.

Any act of physical abuse including all variants of it: sexual abuse, homosexual assaults, stripping, forcing obscene and lewd acts, gestures, causing bodily harm or any other danger to health or person.

Any act or abuse by spoken words, emails, posts, public insults which would also include deriving perverted pleasure, vicarious or sadistic thrill from actively or passively participating in the discomfiture to fresher or any other student.

Any act that affects the mental health and self-confidence of a fresher or any other student with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student.

Every single incident of ragging a First Information Report (FIR) must be filed without exception by the institutional authorities with the local police authorities.

*Depending upon the nature and gravity of the offence as established the possible punishments for those found guilty of ragging at the institution level shall be any one or any combination of the following:

1. Suspension from attending classes
2. Withholding/ withdrawing scholarship/ fellowship and other benefits

3. Debarring from appearing in any test/examination or other evaluation process and/or with holding results.
4. Fine with public apology
5. Suspension/expulsion from the hostel
6. Rustication from the institution for period ranging from 1 to 4 semesters
7. Expulsion from the institution and consequent debarring from admission to any other institution

Collective punishment: When the persons committing or abetting the crime of ragging are not identified, the institution shall resort to collective punishment as a deterrent to ensure community pressure on the potential raggers. Directives of the Hon'ble Supreme Court in SLP No. 24295 of 2006 dated 16-05-2007 and in Civil Appeal number 887 of 2009, dated 08-05-2009 to prohibit, prevent and eliminate the source of ragging. Log in to <https://www.antiragging.in/> and submit the Undertaking by Student and Parent in the Institute.

Grievance Redressal Committee :

If being a woman working/studying in BVIMIT and have been sexually harassed in any of the forms given below:

- (a) Physical contact and advances;
- (b) A demand or request for sexual favours;
- (c) Sexually coloured remarks;
- (d) Showing pornography;
- (e) Any other unwelcomed physical; verbal or non-verbal conduct of sexual nature.

A committee has been appointed by the Institute to take care of any grievance that comes from the students / faculties. Kindly contact the member of Grievance Redressal Committee of the college @:022-27578415. More information is given on the college website : www.bvimit.co.in

*Smoking, drinking and chewing of tobacco is strictly prohibited in the college , and any student found engaged in such an act is liable to strict punishment, resulting in even rustication from the institute.

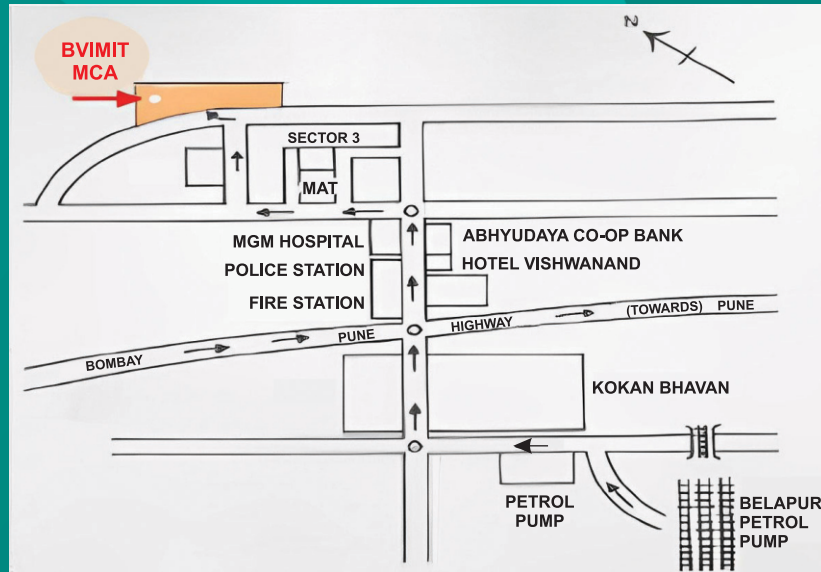
Our Faculty

- **Dr. Suhasini Vijaykumar** B.Sc.MCA.,Ph.D.
- **Dr. Jyoti Kharade** B.Sc.MCA,M.Phil.,Ph.D.
- **Ms. Shravani Pawar** B.Sc, MCA
- **Dr. Rai Shambhu** B.A., M.C.A., Ph.D.
- **Dr. Pratibha Deshmukh** B.Com, MCA, Ph.D.
- **Dr. Priya Chandran** B.Sc, M.C.A., M.Phil., Ph.D.
- **Ms. Shubhangi Mahadik** B.Sc , M.C.A.
- **Ms. Sudeshna Roy** B.Sc, M.C.A.
- **Ms. Nidhi P.** B.Sc, M.C.A.
- **Ms. Patil Rasika** B.Sc, M.C.A.
- **Dr. Kirti Muley** MCA.,M.Tech, Ph.D.
- **Mr. Manish Dubey** B.Sc, M.C.A.
- **Mr. S.G.Vaidya** B.Sc.,M.Sc (Visiting Faculty)

“Students Activities”

MILAN is an annual gathering organized for its Graduated students of M.C.A. department. This meet is a gathering at institution level where the final year students get the opportunity to interact with their seniors who share their experiences in outside world, which they faced after stepping out of the institution. BVIMIT provides closer links with industries through various Industry Institute interactions. The activities conducted bridge the gap between industry and the academic institutions thereby improving the quality of technical education adequately to meet the needs of the industry and economy. Various other activities are organized and conducted to give the students a holistic environment thus making them ready for the corporate.





**Bharati Vidyapeeth's
Institute of Management & Information Technology
Navi Mumbai**

Phone No.: 27578415 | Website : www.bvimit.co.in
E-mail: admission@bvimit.co.in | admission.bvimit@bharatividyaapeeth.edu