



**DR. G. Y. PATHRIKAR COLLEGE OF  
COMPUTER SCIENCE & INFORMATION TECHNOLOGY**  
N-6, CIDCO, Aurangabad

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**NAAC Re-Accredited with 'A' Grade**  
ISO 9001 : 2015 CERTIFIED | ISO 14001 : 2015 CERTIFIED  
[www.mgmu.ac.in](http://www.mgmu.ac.in) | [www.mgmdrgyp.org](http://www.mgmdrgyp.org)



- ISO Certified & NAAC Re-Accredited with 'A' Grade.
- Highly qualified and experienced staff.
- Well equipped spacious Computer Labs - Digital Electronics, Microprocessor, Microcontroller, IP-Biometrics Laboratories with ultra modern facilities.
- Rich collection of General, Reference and Textbooks as well as Journals.
- Availability of Internet facility to the students and staff.
- Best results.
- Spacious sports complex with all types of sport facilities.
- Excellent academic atmosphere.
- Well equipped and furnished class rooms.
- Bank counter facility in campus, Hostel facility for boys and girls, Canteen facility.
- Multi purpose conference hall.
- Health care unit facilities.
- Guest lectures of Industrial experts, workshops, seminars and study tours.
- Sports and cultural activities.
- Placement cell.
- Periodic performances and feedback.
- Live industrial project training & innovative training methods.
- NSS, Internal Complaint Committee, Earn and Learn Scheme, Life-Long Learning & Extension Activity
- Active & Enthusiastic Alumni Association.







राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद  
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान  
**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**  
*An Autonomous Institution of the University Grants Commission*

## *Certificate of Accreditation*

*The Executive Committee of the  
National Assessment and Accreditation Council  
on the recommendation of the duly appointed  
Peer Team is pleased to declare the  
Mahatma Sandhi Mission's  
Dr. S. Y. Pathrikar College of Computer Science and  
Information Technology  
CITDCO, Aurangabad,  
affiliated to Dr. Babasaheb Ambedkar Marathwada University, Maharashtra as  
Accredited  
with CGPA of 3.08 on seven point scale  
at A grade  
valid up to October 29, 2022*

*Date : October 30, 2017*



*DL Singh*  
Director



## ABOUT MGM UNIVERSITY

“In a gentle way, you can shake the world.” With this philosophy and ideology of Mahatma Gandhi, MGM established an educational trust in 1982 under the guidance of former Education Minister Shri. Kamalkishore Kadam and a group of founder members who are hard-core academicians and visionaries. The Trust established its pioneering institute in the historical city of Aurangabad, home to the heritage sites of Ajanta & Ellora but lacking in premiere educational institutes. For more than four decades, Mahatma Gandhi Mission has blazed a trail of academic excellence and state-of-the-art health care services. A strong dynamic institution that keeps pace with the demands of the modern world, prominent locations and excellent education facilities makes MGM worthwhile and an exciting choice for education. This institution is devoted to extensively impart education and enable the students to stand on their own, strongly believing that “Literary education is of no value if it is not able to build up a sound character.”

With the vision for imparting quality education MGM initiated a chain of institutes with a spectrum ranging from primary schools to post graduate degrees. MGM has been instrumental in promoting Classical Dance





& Music, Art, Culture, Heritage and creativity for art seekers. The Trust has also paid heed to the aspect of physical fitness by converting a vast expanse of land into an ultra-modern facility catering to a multitude of sports. MGM's lush green and serene campus is conducive to create a peaceful learning atmosphere.

It has acquired the reputation of being one of the premiere educational & health services charitable trust in India. In all, during this journey Mahatma Gandhi Mission has established its mark over 6 campuses having over 70 colleges, Institutions and Centers of Engineering, Architecture, Medical, Nursing, Management, Computer

Science, IT, Biotechnology, Liberal Arts, Science, Commerce, Fine Arts, Performing Arts, Fashion Design, Mass Communication & Journalism, Film Arts and Photography.

The MGM Trust continues its journey of imparting value based services and creating global technocrats with its self – financed private “MGM University” launched at Aurangabad, Maharashtra with the approval of Government of Maharashtra and passing of MGM University Act 2019 by Maharashtra Legislative Assembly and Legislative Council.





Our Learned and Visionary Leadership  
**TRUSTEES OF MGM**



**KAMALKISHOR KADAM**  
(M.Tech. IIT, Mumbai)  
Chairman



**DR. P. M. JADHAV**  
(FRCS, Royal College Glasgow, UK)  
Vice Chairman



**ANKUSHRAO N. KADAM**  
(B.E.Mechanical)  
Secretary



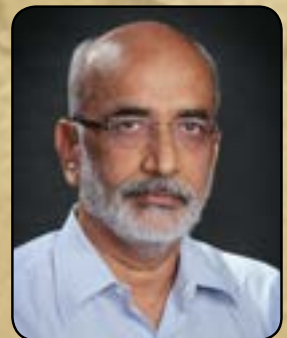
**DR. SUDHIR KADAM**  
(FRCP, Royal College of Physicians, England)  
Trustee



**PRIN. PRATAP BORADE**  
(M.E.Mechanical/Prod. D.I.L.T. (Plastic) IIT, Mumbai)  
Trustee



**MR. UJWAL KADAM**  
(B.E.Electrical Engg.)  
Trustee



**DR. NITIN KADAM**  
(M.D. Pediatrics Medicine)  
Trustee



**MGM UNIVERSITY, AURANGABAD**



**HON'BLE ANKUSHRAO KADAM**  
Chancellor & Secretary, MGM



**DR. RAJAN WELUKAR**  
Pro-Chancellor, MGM



**PROF. DR. SUDHIR GAVHANE**  
Vice-Chancellor



**PROF. ASHISH GADEKAR**  
Registrar



**PRERANA DALVI**  
Deputy Registrar



**DR. (COL.) PARDEEP KUMAR**  
Controller of Examinations



**BHARAT PENTAWAR**  
Chief Finance &  
Accountants Officer



## MGM UNIVERSITY, AURANGABAD



**PRIN. DR. HARIRANG  
H. SHINDE**

Dean, Faculty of Engineering & Technology



**PROF. MARK LINDLEY**

Professor of Eminence  
(Gandhian Thoughts & Ecological Economics)



**PROF. DR. GANGADHAR  
NIKAM**

Emeritus Professor  
(Commerce & Management)



**GURU PARWATI DUTTA**

Dean, Performing Arts



**DR. PRAPTI DESHMUKH**

Dean, Faculty of Basic &  
Applied Sciences



**PRIN. DR. REKHA SHELKE**

Dean, Liberal Arts





**DR. VIJAYA MUSANDE**  
Vice-Principal, JNEC



**PROF. SHUBHA MAHAJAN**  
Director, Institute of Fashion Design



**PROF. DR. SURYABHAN  
SANANSE**  
Emeritus Professor & Director, IQAC



**PROF. DR. SANJAY HARKE**  
Director, Institute of  
Biosciences & Biotechnology

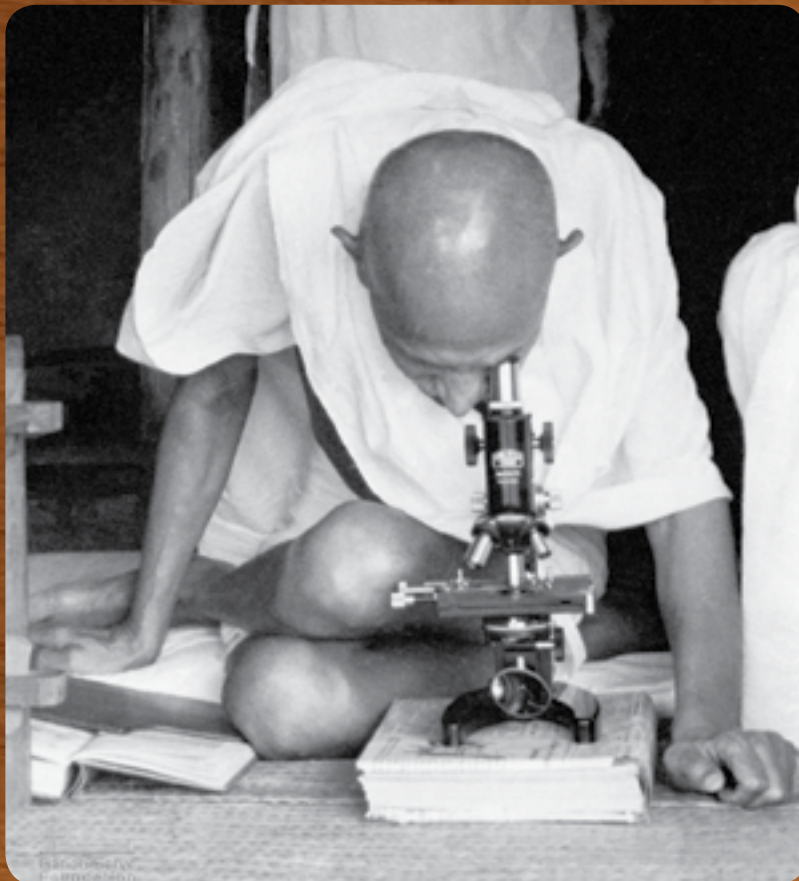


**PRIN. DR. PATIL B.M**  
Director, Skills  
Development Center



**LT.COL. DR. SATISH DHAGE**  
Director, Institute of Competitive  
Examinations





### **VISION**

To create a dynamic centre of excellence where creation, acquisition, dissemination and application of knowledge in interdisciplinary & Multidisciplinary scenario, character building and community involvement would contribute towards creating a better world.

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### **MISSION**

- To establish a centre of excellence for modern education, research, innovation and all round development of students.
- Inculcate scientific temperament enquiring abilities and inquisitive attitude.
- Emphasis on interdisciplinary education and programme.
- Creating unwavering sensitivity to ethics, morality and healthy practices in professional and personal life.
- Providing education in disciplines related to Indian art and rich heritage thereby preserving our ancient knowledge and wisdom.
- Infuse a culture of interdisciplinary education for broader understanding and enrichment of life.
- Creating an environment where empathy, service to society and societal concern become a second nature.
- Empower students to fit into the word of 'new economic order' and help India to attain 'pride of place' at global level.





### **ABOUT DR. G. Y. PATHRIKAR COLLEGE OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY, AURANGABAD**

By considering the growing importance of Computer and Information Technology in Business, Management and Industries, MGM has Established “Dr. G. Y. Pathrikar College of Computer Science and Information Technology” in 2001. The college offers various graduate and post graduate degree courses in Computer Science and Information Technology.

The College is ISO 9001:2015 Certified, ISO 14001:2015 Certified & NAAC Re-Accredited with ‘A’ Grade. with a vision of social, ecological and economical environment striving continuously for excellence in total quality education, research, and technological service to the nation and to upgrade students in all respect with the help of latest infrastructure in the area of Computer Science in order to build the National Capabilities, to understand the culture of Non-violence, truth, peace through Gandhian philosophy.



## PROGRAMS OFFERED...

We offer following programs

### Undergraduate

- B.Sc. (Computer Science)
- B.Sc. (Information Technology)
- BCA (Science)
- B. Sc. (Hardware & Networking)
- B. Sc. (Animation)
- Integrated M. Sc. Data Science (5 years Program)

### Postgraduate

- M.Sc. (Computer Science)
- M.Sc. (Information Technology)
- M. Sc. (Animation)
- M.Sc. Data Science

### Certificate Programs

- Android Development
- C Programming
- Graphics Design
- Java Script
- Programming in CPP
- 3D Architectural Design
- VB. Net Programming
- Oracle (DBA)
- 2D Animation
- Arduino Programming
- Web Designing
- Video Editing
- PHP Programming
- Python
- VFX (Visual Effects)





## ELIGIBILITY CRITERIA

### UNDERGRADUATE

UG admission is Direct/Merit basis, counselling based on the marks obtained in 12<sup>th</sup> Science Examination.

- B.Sc.(Comp. Sci)  
Eligibility: XII Sci. with Phy/Chem./Math /Bio. Or any Tech. subject or equivalent examination with all subject passed.  
**Duration** : Three year Degree Program  
**Admission Procedure** : Direct/Merit basis | Intake – 120
- B.C.A. (Science)  
Eligibility: XII Sci. with Phy/Chem./Math /Bio. or any Tech. subject or equivalent examination with all subject passed.  
**Duration** : Three year Degree Program  
**Admission Procedure** : Direct/Merit basis | Intake – 60
- B.Sc.(Information Technology)  
Eligibility: XII Sci. with Phy/Chem./Math /Bio. or any Tech. subject or equivalent examination with all subject passed.  
**Duration** : Three year Degree Program  
**Admission Procedure** : Direct/Merit basis | Intake – 60
- B.Sc.(Animation)  
Eligibility: XII Sci. with Phy/Chem./Math /Bio. or any Tech. subject or equivalent examination with all subject passed.  
**Duration** : Three year Degree Program  
**Admission Procedure**: Direct/Merit basis | Intake – 60
- B.Sc.(Hardware & Networking)  
Eligibility: XII Sci. with Phy/Chem./Math /Bio. or any Tech. subject or equivalent examination with all subject passed.  
**Duration** : Three year Degree Program  
**Admission Procedure** : Direct/Merit basis | Intake – 60
- Integrated M.Sc. Data Science (5 yrs Program)  
Eligibility: XII Sci. with Phy/Chem./Math /Bio. Or any Tech. subject or equivalent examination with all subject passed.  
**Duration** : Five Year Program  
**Admission Procedure** : Direct/Merit basis | Intake – 60



## **POSTGRADUATE**

### **M.Sc. (Computer Science)**

Bachelor's Degree in Science with Mathematics as one of the subjects at XII Std. or B.Sc. Having maths / physics / computer science / IT / or any relevant computer related recognized as one of the subject or graduate of Engineering and technology of this university or any other university recognized as equivalent with min. 50% marks (45% for reserved category) can apply.

### **M.Sc. (Information Technology)**

Bachelor's Degree in Science with Mathematics as one of the subjects at XII Std. or B.Sc. Having maths / physics / computer science / IT / or any relevant computer related recognized as one of the subject or graduate of Engineering and technology of this university or any other university recognized as equivalent with min. 50% marks (45% for reserved category) can apply.

### **M.Sc. (Animation)**

Bachelor's degree in Science (B.Sc.). Having physics /computer science / IT / Animation or any relevant computer related recognized as one of the subject or graduate of Engineering and technology of this university or any other university recognized as equivalent with min. 50%marks (45% for reserved category) can apply.

### **M.Sc. (Data Science)**

Bachelor's degree in Science (B.Sc.) with one of the subject as Mathematics/ Statistics / Computer Science / B.Sc. Computer Science / B.Sc. Information Technology /B. C. A. (Science)/Graduate of Engineering and technology of this university or any other university recognized as equivalent with minimum 50% marks (45 % for reserved category).





## CERTIFICATE PROGRAMS

- **Android**  
Eligibility: 10<sup>th</sup> pass  
Duration : 60 Hrs  
Intake – 30
- **Java Script**  
Eligibility: 10<sup>th</sup> pass  
Duration : 30 Hrs  
Intake – 30
- **VB.Net**  
Eligibility: 10<sup>th</sup> pass  
Duration : 30 Hrs  
Intake – 30
- **Arduino**  
Eligibility: 10<sup>th</sup> pass  
Duration : 60 Hrs  
Intake – 30
- **PHP**  
Eligibility: 10<sup>th</sup> pass  
Duration : 30 Hrs  
Intake – 30
- **C Programming**  
Eligibility: 10<sup>th</sup> pass  
Duration : 30 Hrs  
Intake – 30
- **Programming in CPP**  
Eligibility: 10<sup>th</sup> pass  
Duration : 30 Hrs  
Intake – 30
- **Oracle (DBA)**  
Eligibility: 10<sup>th</sup> pass  
Duration : 30 Hrs  
Intake – 30
- **Wordpress**  
Eligibility: 10<sup>th</sup> pass  
Duration : 60 Hrs  
Intake – 30
- **Web Designing**  
Eligibility: 10<sup>th</sup> pass  
Duration : 30 Hrs  
Intake – 30
- **Python**  
Eligibility: 10<sup>th</sup> pass  
Duration : 60 Hrs  
Intake – 30
- **Graphics Design**  
Eligibility: 10<sup>th</sup> pass  
Duration : 30 Hrs  
Intake – 30
- **3D Architectural Design**  
Eligibility: 10<sup>th</sup> pass  
Duration : 60 Hrs  
Intake – 30
- **2D Animation**  
Eligibility: 10<sup>th</sup> pass  
Duration : 60 Hrs  
Intake – 30
- **Video Editing**  
Eligibility: 10<sup>th</sup> pass  
Duration : 30 Hrs  
Intake – 30
- **VFX(Visual Effects)**  
Eligibility: 10<sup>th</sup> pass  
Duration : 60 Hrs  
Intake – 30





## ADMISSION PROCEDURE

### MGM University Dr. G. Y. Pathrikar College of CS & IT, Aurangabad

Dr. G. Y. Pathrikar College of Computer Science & Information Technology, permits the aspirant eligible to seek the admission to under-graduate and post-graduate degree. The Procedure to be followed by the students are in the online mode available either at the college portal : [www.mgmdrgyp.org](http://www.mgmdrgyp.org) or at the university portal : <https://www.mgmu.ac.in>.

#### Enquiry:

1. The candidate must collect the required information about the program to which he / she seeks for the admission either through above website or in case of any doubts, he / she may fill the enquiry form by clicking on the “enquiry” button.

#### Registration:

2. Once satisfied and finalized about the program, he / she may click on the “Apply Now” button with his mobile number and email-id details. The Email-id submitted at the time of application will be used for all correspondences until enrolment is completed. NO CHANGE in email-id, under any circumstances will be permitted. [Please keep scanned copy of your passport size coloured photograph, signature handy for uploading]
3. The Page displays the eligibility and necessary guidelines, read them carefully and proceed to the next page with the “Save & Next” Button.
4. The Candidate has to fill his / her personal details as well as upload the scanned photograph and signature along with his residential address. Once Completed he is supposed to proceed further by clicking on the “Save & Next” button at the bottom of the form.
5. The Candidate requires to fill his education qualification details of 10<sup>th</sup> and 12<sup>th</sup>.
6. Once Completed he / she is to proceed for the online payment of Rs. 1000/- towards the Application Form Fees. [Application Form Fees is Non-Refundable and Non-transferable.]
7. An Online Application Number will be displayed, once you successfully make an online payment.
8. After the Online Application process is completed.

#### Merit List / Scrutiny:

9. Conduct of CET EXAM at college level only for PG Program.
10. Publication of Merit List: The authorities of DR.GYP, MGMU will publish the provisional and final merit list based on scores of CET/ Qualifying Examination Result of the names of shortlisted candidates.
11. The shortlisted Candidates will have to report at College for the verification of the documents. They must carry their original documents along with a set of attested copies. Candidates failing to report at the college within the stipulated duration will not be allowed to participate in the admission process further.

#### Admission:

12. Successful Personal Interview & Discussion will lead to provisional admission given by the university to the applicant till he / she pays the admission fee of INR 2,000.
13. Completing the formalities along with submission of original documents by **eligible candidate**, after the payment of the university fees and college tuition fees his / her admission will be confirmed and complete.



## FEES STRUCTURE

Common fees structure for all Constituent Institutes/Colleges of MGM University for Academic year 2020-2021 are as below

Sr.No.	Particulars	Amount
01	Paid Application Form	Rs. 1000/-
02	Eligibility Fees	Rs. 8000/-
03	Examination Fees	Rs. 5000/-
04	University Sports fees	Rs. 1000/-
05	UMIS	Rs. 2500/-
06	Student Aid & Insurance	Rs. 500/-

Fees structure for Dr. G. Y. Pathrikar College of Computer Science and Information Technology for Academic year 2020-2021 are as below

Sr. No.	Program Name	Admission fees	Tuition fees
01	B.Sc. Computer Science	2000/-	40000/-
02	B.Sc. Information Technology	2000/-	40000/-
03	B.C.A. (Sci.)	2000/-	40000/-
04	B.Sc. Animation	2000/-	50000/-
05	B.Sc. Hardware & Networking	2000/-	40000/-
06	Integrated M.Sc. Data Science (5 years program)	2000/-	100000/-
07	M.Sc. Computer Science	2000/-	60000/-
08	M.Sc. Information Technology	2000/-	60000/-
09	M.Sc. Animation	2000/-	100000/-
10	M.Sc. Data Science	2000/-	100000/-





# CONTENTS OF THE PROGRAM

## B.Sc. Computer Science

### B.Sc. C.S. I Sem

BCST-101	Fundamentals of Computer
BCST-102	Computer System Architecture
BCST-103	Programming in C
BCST-104	Mathematical Foundation
BCST-105	Communication Skill and Personality Development-I
BCSP-101	Language Lab
BCSP-102	Practical Based on Open-Office
BCSP-103	C Programming
BCSP-104	Computer System Architecture
OEC-101	Parade / Cultural / Sport

### B.Sc. C.S. IV Sem

BCST-401	Software Engineering
BCST-402	Advanced Database Management System
BCST-403	Internet of Things
BCST-404*	Advanced Computer Network
BCST-405*	Data Mining-II
BCST-406#	Programming in Java-II
BCST-407#	Windows Server II
BCSP-401	Practical Based on BCST-402
BCSP-402	Practical Based on BCST-403
BCSP-403	Practical Based on BCST-404/405/406/407
OEC-401	Certificate Course

## B.Sc. Information Technology

### B.Sc. I.T. I Sem

BITT-101	Fundamental of Information Technology
BITT-102	Programming Language Concept
BITT-103	Computer System Architecture
BITT-104	Basic Mathematics
BITT-105	Soft Skill
BITP-106	Language Lab
BITP-107	Practical Based on Open-Office
BITP-108	Practical Based on PLC
BITP-109	Practical Based on CSA
OEC-001	Parade / Cultural / Sport

### B.Sc. I.T. IV Sem

BITT-401	Software Testing
BITT-402*	Machine Learning with Python
BITT-403*	Java Programming
BITT-404#	Data Mining
BITT-405#	Java Script & PHP
BITT-406	Network Securities
BITT-407	Environment
BITP-408	Python / Java
BITP-409	Data Mining / PHP
BITP-410	S/w Testing
OEC-004	Certificate Course

## B.C.A. (Science)

### B.C.A. Sci. I Sem

BCAT-101	Fundamental of computer application (FCA)
BCAT-102	Programming Paradigm
BCAT-103	Fundamental of electronics
BCAT-104	Personality development with Ethics And Moral
BCAT-105	Discrete mathematics
BCAP-106	Practical Based FCA - using Libre office Linux
BCAP-107	Practical Based on Programming using C
BCAP-108	Practical Based on Fundamental of Electronics
BCAP-109	Language Lab
OEC-001	Parade / Cultural / Sport

### B.Sc. C.S. II Sem

BCST-201	Data Structure
BCST-202	Programming in C++
BCST-203	Operating System
BCST-204	Numerical Computational Techniques
BCST-205	Communication Skill and Personality Development-II
BCSP -201	Elective Certificate Course : C1
BCSP -202	Data Structure
BCSP -203	Programming in C++
BCSP -204	Operating System
OEC-201	Parade / Cultural / Sport

### B.Sc. C.S. V Sem

BCST-501	Theory of Computation
BCST-502	Computer Graphics
BCST-203*	Cyber Threats and Security
BCST-504*	Linux
BCST-505*	Introduction to Applied Robotics
BCST -506*	Ethics & Cyber Law
BCST-507#	Programming in PHP
BCST-508#	Cloud Computing
BCST-509	Gr. Discussion & Interview Skill
BCSP-501	Practical Based on BCST-502
BCSP-502	Practical Based on BCST-503/504/505/506
OEC-501	Certificate Course

### B.Sc. I.T. II Sem

BITT-201	Fundamental of DBMS
BITT-202	Data Structure with C
BITT-203	Open Source: Operating System
BITT-204	Statistics
BITT-205	Soft Skill
BITP-206	Elective Certificate Course : C1
BITP-207	Practical Based on DBMS using SQL
BITP-008	Practical Based on Data Structure with C
BITP-009	Practical Based on Statistic
OEC-002	Parade / Cultural / Sport

### B.Sc. I.T. V Sem

BITT-501	Internet of Things
BITT-502*	Artificial Intelligence
BITT-503*	Android
BITT-504#	Data Science
BITT-505#	Adv. PHP for Content Mgmt. System
BITT-506	Ethics & Cyber Law
BITT-507	Course Based on Industrial Training Tool
BITP-508	Gr. Discussion & Interview Skill
BITP-509	R / Anaconda / Android
BITP-510	Data Science / Adv. PHP
OEC-005	Certificate Course

### B.C.A. Sci. II Sem

BCAT-201	Data Structure
BCAT-202	Operating System (Linux)
BCAT-203	Database Management System
BCAT-204	Statistics
BCAT-205	English/Foreign Language
BCAP-206	Elective Certificate Course : C1
BCAP-207	Practical Based on DS using C
BCAP-208	Practical Based on Linux OS
BCAP-209	Practical Based on DBMS
OEC-002	Parade / Cultural / Sport

### B.Sc. C.S. III Sem

BCST-301	8086 Microprocessor and Microcontroller
BCST-302	Database Management System
BCST -303	Embedded System
BCST -304*	Introduction to Computer Network
BCST -305*	Data Mining-I
BCST -306#	Programming in Java-I
BCST -307#	Windows Server I
BCSP -301	Practical Based on BCST-301
BCSP -302	Practical Based on BCST-302
BCSP -303	Practical Based on BCST -304/305/306/307
OEC-301	Certificate Course

### B.Sc. C.S. VI Sem

BCSP-601	Major project / Internship
BCSP-602	Seminar

### B.Sc. I.T. III Sem

BITT-301	Software Project Management
BITT-302*	Python Programming Language
BITT-303*	C++ Programming Language
BITT-304#	SQL & Oracle
BITT-305#	HTML 5 / CSS
BITT-306	Networking Fundamental
BITT-307	Quantitative Aptitude
BITP-308	Python / C++
BITP-309	SQL / HTML 5
BITP-310	Networking
OEC-003	Certificate Course

### B.Sc. I.T. VI Sem

BITP-601	Major Project/ Internship
BITP-602	Seminar

### B.C.A. Sci. III Sem

BCAT-301	Network Communication
BCAT-302*	Python Programming Language
BCAT-303*	Programming in JAVA
BCAT-304#	SQL & Oracle
BCAT-305#	PHP using Tomcat Apache
BCAT-306	Software Project Engineering
BCAT-307	Quantitative Aptitude
BCAP-308	Practical Based on Python Programming Language /OR Programming in JAVA
BCAP-309	Practical Based on Network Communication
BCAP-310	Practical Based on SQL & Oracle /OR PHP using Tomcat Apache
OEC-003	Certificate Course



## CONTENTS OF THE PROGRAM

### B.C.A. Sci. IV Sem

BCAT-401	Ethics and Cyber Security
BCAT-402*	Machine Learning with Python
BCAT-403*	Programming in Advance JAVA
BCAT-404#	Basics of cloud computing
BCAT-405#	Advance in Network Communication
BCAT-406	Web Designing in PHP
BCAT-407	Environment
BCAP-408	Practical Based on Machine Learning with Python/ OR Programming in Advance JAVA
BCAP-409	Practical Based on Ethics and Cyber Security
BCAP-410	Practical Based on Web Designing in PHP (Web Site Development)
OEC-004	Certificate Course

### B.C.A. Sci. V Sem

BCAT-501	Blockchain Technology
BCAT-502*	Artificial Intelligence
BCAT-503*	Development of Android Application
BCAT-504#	Data Science
BCAT-505#	Multidimensional Computer Graphics
BCAT-506	Data Mining
BCAT-507	Course Based on Industrial Training Tool
BCAP-508	Practical Based on Artificial Intelligence / OR Development of Android Application
BCAP-509	Practical Based on Blockchain Technology
BCAP-510	Practical Based on Data Science /OR Multidimensional Computer Graphics
OEC-05	Certificate Course

### B.C.A. Sci. VI Sem

BCA-601	Major Project / Internship
BCA-602	Seminar

### B.Sc. Hardware & Networking

#### B.Sc. (Hardware & Networking) I Sem

BHWT-101	Fundamental of Computer Hardware
BHWT-102	Digital Electronic
BHWT-103	Operating systems I
BHWT-104	Electronics Instruments and Measurements
BHWT-105	Communication & Personality Development
BHWP-101	Language Lab
BHWP-102	Practical Based on BHWT-101
BHWP-103	Practical Based on BHWT-102
BHWP-104	Practical Based on BHWT-103
OEC-001	Parade / Cultural / Sport

#### B.Sc. (Hardware & Networking) II Sem

BHWT-201	Linux OS-I
BHWT-202	Microprocessors
BHWT-203	Computer Peripherals and maintenance
BHWT-204	Fundamental Computer network
BHWT-205	Communication Skill and Personality Development-II
BHWP-201	Elective Certificate Course : C1
BHWP-203	Practical Based on BHWT-201
BHWP-204	Practical Based on BHWT-202
BHWP-205	Practical Based on BHWT-203
OEC-002	Parade / Cultural / Sport

#### B.Sc. (Hardware & Networking) III Sem

BHWT-301	Linux OS-II
BHWT-302*	Microprocessors and interfacing
BHWT-303*	Laptop PC
BHWT-304#	Adv. Computer Network
BHWT-305#	Fundamentals of IoT
BHWT-306	Windows Server
BHWT-307	Quantitative Aptitude
BHWP-301	Practical Based on BHWT-301
BHWP-302	Practical Based on BHWT-302*/ BHWT-303*
BHWP-303	Practical Based on BHWT-304# / BHWT-305#
OEC-003	Certificate Course

#### B.Sc. (Hardware & Networking) IV Sem

BHWT-401	Concept of Ethical Hacking
BHWT-402*	Network Security and Management
BHWT-403*	VHDL (VHSI Hardware Description Language)
BHWT-404#	Modern Printers
BHWT-405#	Fundamental of Cloud Computing
BHWT-406	Web designing and Communication Protocols
BHWT-407	Environment
BHWP-401	Practical Based on BHWT-401
BHWP-402	Practical Based on BHWT-402*/ BHWT-403*
BHWP-403	Practical Based on BHWT-404#/ BHWT-405#
OEC-004	Certificate Course

#### B.Sc. (Hardware & Networking) V Sem

BHWT-501	Wireless Networking
BHWT-502*	Embedded System I
BHWT-503*	Routers and Switches
BHWT-504#	PCB Design and Fabrication
BHWT-505#	Ethics & Cyber Law
BHWT-506	CCTV-I
BHWT-507	Course Based on Industrial Training Tool
BHWT-508	Gr. Discussion & Interview Skill
BHWP-501	Practical Based on BHWT-501
BHWP-502	Practical Based on BHWT-502* / BHWT-503*
OEC-005	Certificate Course

#### B.Sc. (Hardware & Networking) VI Sem

BHWP-601	Industrial Training Project
BHWP-602	Seminar

### B.Sc. (Animation)

#### B.Sc. (Animation) I Sem

BANT-101	Fundamentals of Computer
BANT-102	Animation with Blender-I
BANT-103	Foundation of Animation
BANT-104	Introduction to Photoshop
BANT-105	Communication Skills
BANP-101	Pr. GUI & Open-Office
BANP-102	Pr. Animation with Blender - I
BANP-104	Pr. Introduction to Photoshop
OEC-001	Parade / Cultural / Sport

#### B.Sc. (Animation) II Sem

BANT-201	2D and 3D Fundamental
BANT-202	Animation with Blender-II
BANT-203	Web Enabled Application Development Tools
BANT-204	Character Designing
BANT-205	Advance in Photoshop
BANP-202	Pr. Animation with Blender -II
BANP-203	Pr. Web Enabled Application Development Tools
BANP-205	Pr. Advances in Photoshop
OEC-002	Parade / Cultural / Sport

#### B.Sc. (Animation) III Sem

BANT-301	Animation with Animate
BANT-302	Script Writing & Story Board Designing
BANT-303	Personality Development
BANT-304	3Ds Max Animation- I
BANT-305	Web design with Dreamweaver
BANP-301	Pr. Based on Animation with Animate
BANP-305	Pr. Based on Web Design with Dreamweaver
BANP-304	Pr. Based on 3Ds Max Animation- I
OEC-003	Certificate Course

#### B.Sc. (Animation) IV Sem

BANT-401	CorelDraw
BANT-402	Cyber Law and Copyrights
BANT-403	Adobe Premiere
BANT-404	3Ds Max Animation- II
BANT-405	Motion Graphics Design
BANT-406	Environmental Studies
BANP-401	Pr. Based on CorelDraw
BANP-402	Pr. 3Ds Max Animation- II
BANP-403	Pr. Adobe Premiere
OEC-004	Certificate Course

#### B.Sc. (Animation) V Sem

BANT-501	After Effects
BANT-502	Maya Basic
BANT-503	Advertising and Legal Aspects
BANT-504	Illustrator
BANT-505	Silhouette
BANP-501	Pr. After Effects - I
BANP-504	Pr. Based on Illustrator
BANP-505	Pr. Based on Silhouette
OEC-005	Certificate Course

#### B.Sc. (Animation) VI Sem

BANP-601	Major Project/Internship
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\*Note: The above syllabus is subject to update as per directions of competent authority.



## Integrated M. Sc. Data Science (5 years Program)

### M.Sc. (Data Science) I Sem

DSIT-101	Principles of Data Science
DSIT-102	Data structure for Data Science
DSIT-103	Foundation in Mathematics
DSIT-104	Statistical Methods - I (Probability)
DSIT-105	Communication Skills
DSIP-106	LAB-01 Based on DISC101
DSIP-107	LAB-02 Based on DSIT102
DSIP-108	LAB-03 Based on DSIT104

### M.Sc. (Data Science) II Sem

DSIT-201	Database Management System
DSIT-202	Statistical Structure using R
DSIT-203	Oops Paradigm using Python
DSIT-204	Statistical Methods - II (Descriptive Statistics)
DSIT-205	Digital Marketing
DSIP-206	LAB-01 Based on DSIT201
DSIP-207	LAB-02 Based on DSIT202
DSIP-208	LAB-03 Based on DSIT203

### M.Sc. (Data Science) III Sem

DSIT-301	Data Preparation and Visualization
DSIT-302	Numerical Analysis
DSIT-303	Statistical Methods - III (Sampling)
DSIT-304	Social Media Analytics
DSIT-305	Google Analytics
DSIP-306	LAB-01 Based on DSIT301 using python
DSIP-307	LAB-02 Based on DSIT302 using Python
DSIP-308	LAB-03 Based on DSIT304

### M.Sc. (Data Science) IV Sem

DSIT-401	Discrete mathematics and Applications
DSIT-402	Ordinary Differential equation
DSIT-403	Statistical Simulation
DSIT-404	Time Series Analysis
DSIT-405	Social Responsibility & Community Connect
DSIT-406	Environmental Studies
DSIP-407	LAB-01 Based on DSIT401
DSIP-408	LAB-02 Based on DSIT402
DSIP-409	LAB-03 Based DSIT404

### M.Sc. (Data Science) V Sem

DSIT-501	Recommender Systems
DSIT-502	Machine learning
DSIT-503	Big Data Analytics
DSIT-504	Research Methodology
DSIT-505	LAB-01 Based on DSIT501
DSIP-506	LAB-02 Based on DSIT502
DSIP-507	LAB-03 Based on DSIT503
DSIP-508	LAB-04 Based on DSIT504

### M.Sc. (Data Science) VI Sem

DSIP-601	Industrial Training
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### M.Sc. (Data Science) VII Sem

DSIT-701	Neural Network
DSIT-702	Data Mining
DSIT-703	Natural Language Processing
DSIT-704	Software Engineering and Project Management
DSIP-705	LAB-01 Based on DSIT701
DSIP-706	LAB-02 Based on DSIT702
DSIP-707	LAB-03 Based on DSIT703
DSIP-708	LAB-04 (Project Work)

### M.Sc. (Data Science) VIII Sem

DSIT-801	Machine Learning
DSIT-802	Predictive Analytics using Python
DSIT-803	Advanced Data Visualization
DSIT-804	Introduction to HADOOP
DSIP-805	LAB-01 Based on DSIT801
DSIP-806	LAB-02 Based on DSIT802
DSIP-807	LAB-03 Based on DSIT803
DSIP-808	LAB-04 (Project Work)

### M.Sc. (Data Science) IX Sem

DSIT-901	Deep Learning
DSIT-902	Big Data Analytics
DSIT-903	Business Intelligence
DSIT-904	Data and Application Security
DSIP-905	LAB-01 Based on DSIT901
DSIP-906	LAB-02 Based on DSIT902
DSIP-907	LAB-03 Based on DSIT903
DSIP-908	LAB-04 (Project Work)

### M.Sc. (Data Science) X Sem

DSIP-1010	Industrial Training
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## M.Sc. (Computer Science)

### M.Sc. (Computer Science) I Sem

MCST-101	Advanced Operating System
MCST-102	Advanced JAVA Programming
MCST-103	Digital Image Processing
MCST-104	Software Engineering
MCST-105	Communication Skill
MCSP-106	Practical Based on Advanced Operating System
MCSP-107	Practical Based on Advanced JAVA Programming
MCSP-108	Practical Based on Digital Image Processing
MCSP-109	Practical Based on Software Engineering

### M.Sc. (Computer Science) IV Sem

MCSP-401	Major Project
MCSP-402	Seminar 1

### M.Sc. (Computer Science) II Sem

MCST-201	Multimodal Biometric
MCST-202	Programming in Python
MCST-203	Machine Learning
MCSP-204	Practical Based on Multimodal Biometric
MCSP-205	Practical Based on Programming in Python
MCSP-206	Practical Based on Machine Learning

#### Program Elective I

MCST-207*	Advanced DBMS
MCST-208*	Network Security
MCST-209*	Artificial Intelligence
MCST-210*	Internet of Things (IoT)
MCSP-211*	Practical Based on Advanced DBMS
MCSP-212*	Practical Based on Network Security
MCSP-213*	Practical Based on Artificial Intelligence
MCSP-214*	Practical Based on Internet of Things (IoT)
MCSP-215	Certificate Course

### M.Sc. (Computer Science) III Sem

MCST-301	Research Methodology
MCST-302	Deep Learning
MCSP-303	Practical Based on Research Methodology
MCSP-304	Practical Based on Deep Learning

#### Program Elective II

MCST-305*	Database Application
MCST-306*	Cloud Computing
MCST-307*	Data Mining and Analysis
MCST-308*	Fundamental of Satellite Remote Sensing
MCSP-309*	Practical Based on Database Application
MCSP-310*	Practical Based on Cloud Computing
MCSP-311*	Practical Based on Data Mining and Analysis
MCSP-312*	Practical Based on Fundamental of Satellite Remote Sensing
MCSP-313	Minor Project
MCSP-314	Certificate Course

\*Note: The above syllabus is subject to update as per directions of competent authority.



## M.Sc. Data Science

### M.Sc. (Data Science) I Sem

MDST-101	Introduction to Data Science
MDST-102	Statistical Methods
MDST-103	Programming for Data Science
MDST-104	Data Mining
MDSP-105	LAB-01 Based on DSA101
MDSP-106	LAB-02 Based on DSA102
MDSP-107	LAB-03 Based on DSA103
MDSP-108	LAB-04 (Project Work)

### M.Sc. (Data Science) II Sem

MDST-201	Fundamentals of Analytics
MDST-202	Time Series Analysis and Forecasting
MDST-203	Social Media and Web Analytics
MDST-204	Research Methodology
MDSP-205	LAB-01 Based on DSA201
MDSP-206	LAB-02 Based on DSA202
MDSP-207	LAB-03 Based on DSA203
MDSP-208	LAB-04 (Project Work)

### M.Sc. (Data Science) III Sem

MDST-301	Machine Learning
MDST-302	Business Intelligence
MDST-303	Big Data Analytics
MDST-304	Healthcare Analytics
MDSP-305	LAB-01 Based on DSA301
MDSP-306	LAB-02 Based on DSA302
MDSP-307	LAB-03 Based on DSA303
MDSP-308	LAB-04 (Project Work)

### M.Sc. (Data Science) IV Sem

MDSP-401	Industrial Training
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## M. Sc. Animation

### M. Sc. (Animation) I Sem

MANT-101	User Experience & User Interface Design
MANT-102	Photoshop
MANT-103	Basics of Maya
MANT-104	After Effects
MANP-105	Practical Based on User Experience & User Interface Design
MANP-106	Practical Based on Photoshop
MANP-107	Practical Based on Basics of Maya
MANP-108	Practical Based on After Effects

### M. Sc. (Animation) II Sem

MANT-201	Mocha
MANT-202	Advance Maya
MANT-203	Compositing with Nuke-I
MANT-204*	Responsive Web Design with Animation-I
MANT-205*	Animation with Animate
MANT-206*	Premiere pro
MANP-207	Practical Based on Mocha
MANP-208	Practical Based on Advance Maya -II
MANP-209	Practical Based on Compositing with Nuke-I
MANP-210	Practical Based on Elective - I

### M.Sc. (Animation) III Sem

MANT-301	Compositing with Nuke – II
MANT-302	ZBrush
MANT-303	RealFlow
MANT-304*	Responsive Web Design with Animation-II
MANT-305*	CorelDraw
MANT-306*	Illustrator
MANP-307	Practical Based on Compositing with Nuke – II
MANP-308	Practical Based on ZBrush
MANP-309	Practical Based on RealFlow
MANP-310	Practical Based on Elective -II

### M.Sc. (Animation) IV Sem

MANP-401	Major Project/Internship
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## M.Sc Information Technology

### M.Sc (Information Technology) I Sem

MITT-101	Object Oriented Technology Using Java
MITT-102	Web Development & Analytics
MITT-103	Database & Data Mining
MITT-104	Networking Systems
MITT-105	Communication Skill
MITP-106	Practical Based on Java
MITP-107	Practical Based on Web Development
MITP-108	Practical Based on Networking Systems
MITP-109	Practical Based on RDBMS

### M.Sc (Information Technology) II Sem

MITT-201	Computer System Architecture
MITT-202	Android Applications Development
MITT-203	Business Application Programming Tool : Python
MITT-204*	Cryptography & Network Security
MITT-205*	Big Data Analytics
MITT-206*	Soft Computing Techniques
MITP-207	Pract. Based on Computer System Architecture
MITP-208	Pract. Based on Android
MITP-209	Pract. Based on Cryptography & Network Security
MITP-210	Pract. Based on Elective DSE
MITC-211	Certificate Course

### M.Sc (Information Technology) III Sem

MITT-301	Internet of Things ( IOT)
MITT-302	Advanced Mobile and Wireless Technologies
MITT-303	Data Analytics & Visualization
MITT-304*	Computer Ethics and Cyber Forensics
MITT-305*	Cloud Computing Based IT Solutions
MITT-306*	Block chain
MITP-307	Pract. Based on IoT
MITP-308	Pract. Based on Advanced Mobile and Wireless Technologies
MITP-309	Pract. Based on Data Analytics & Visualization
MITP-310	Pract. Based on Elective DSE
MITC-311	Certificate Course

### M.Sc (Information Technology) IV Sem

MITP-401#	Major Project/Internship
MITP-402	Seminar

\*Note: The above syllabus is subject to update as per directions of competent authority.



## TEACHING STAFF

1	Dr. Deshmukh Prapti D.	Principal
2	Dr. Azade S. Y.	Assistant Professor
3	Dr. Sankaye S. R.	Assistant Professor
4	Ms. Satonkar S. V.	Assistant Professor
5	Mrs. Patil Rita B.	Assistant Professor
6	Dr. Kale V. K.	Assistant Professor
7	Mrs. Kumbhakarna V. M.	Assistant Professor
8	Mr. Pundge Ajitkumar M.	Assistant Professor
9	Mr. Bhalerao Ashish	Assistant Professor
10	Mrs. Patodkar N. S.	Assistant Professor
11	Ms. Pooja Vaidya	Assistant Professor
12	Ms. Dhawale Apurva D.	Assistant Professor
13	Dr. Naiknaware Bharat R.	Assistant Professor
14	Mr. Gore D. B.	Assistant Professor
15	Mr. Sangle Ashok S.	Assistant Professor
16	Mr. Komte Ravindra S.	Assistant Professor
17	Ms. Deepali Sawane	Trainee Faculty
18	Mr. Udmale Nilesh	Assistant Professor
19	Ms. Pushpa Rajegore	Assistant Professor
20	Dr. M. M. Kazi	Assistant Professor
21	Mr. Deshpande A. P.	Assistant Professor
22	Dr. Dinesh Wanjare	Sports
23	Ms. Usha Shete	Assistant Professor
24	Ms. Sheetal Jadhav	Lab Assistant
25	Ms. Rokade A. A.	Lab Assistant
26	Mr. Taur Laxman	Lab Assistant
27	Ms. Deshmukh U. B.	Tech. Programmer
28	Mr. Sapkal V. B.	Librarian
29	Dr. Rasika Wadalkar	Librarian
30	Dr. Siddharth Dabhade	Assistant Professor
31	Dr. Yogesh Rajput	Assistant Professor
32	Dr. Nagsen Bansod	Assistant Professor
33	Dr. D. D. Patil	Assistant Professor
34	Dr. Ajay Nagne	Assistant Professor
35	Ms. Apurva Solanke	Assistant Professor
36	Ms. Komal Oza	Tech. Programmer
37	Dr. Vaishali Dange	Assistant Professor
38	Mr. Rahul Borade	Tech. Programmer

## VISITING STAFF

1.	Mrs. Mahajan S.D.	Visiting Faculty
2.	Mrs. Tipre K.A.	Visiting Faculty
3.	Mr. Upadhye Nitin	Visiting Faculty
4.	Dr. S. G. Dhole	Visiting Faculty
5.	Suraj Lokhare	Visiting Faculty
6.	Mrs. Hanan Ahmadali Jarmooji	Visiting Faculty

## NON-TEACHING STAFF

1.	Mr. Jadhav P.J.	Admin In-charge
2.	Mr. Kadam Tukaram.D.	Accountant
3.	Mr. Kale Pawan Prakash	Clerk
4.	Mr. Waje Nandkumar. B.	Clerk
5.	Mr. Taur S. T	Store Keeper
6.	Mr. Pawar Ramesh G.	Office Attendant
7.	Mr. Suradkar Somnath D.	Office Attendant





## ANTI-RAGGING RULES

All students willing to seek admission must note that "Ragging is strictly prohibited in the college. Anyone found guilty of ragging or abetting ragging is liable to be punished."

## PUNISHABLE INGREDIENTS OF RAGGING

- Abetment to ragging.
- Criminal conspiracy to rag.
- Unlawful assembly and rioting while ragging.
- Public nuisance created during ragging.
- Violation of decency and morals through ragging..
- Injury to body, causing hurt or grievous hurt.
- Wrongful restraint.
- Wrongful confinement.
- Use of criminal force.
- Assault as well as sexual offences or unnatural offences.
- Extortion.
- Criminal trespass.
- Offences against property.
- Criminal intimidation.
- Attempt to commit any or all of the above mentioned offences against the victim(s).
- Physical or psychological humiliation.
- All other offences following from the definition of "Ragging".

## PUNISHMENTS: AT THE INSTITUTION LEVEL

- Suspension from attending classes and academic privileges.
- Cancellation of admission.
- Withholding/Withdrawing scholarship/fellowship and other benefits.
- Rustication from the institution for period from 1 to 4 semesters.
- Debarring from appearing in any test/examination or other evaluation process.
- Expulsion from the institution and consequent debarring from admission to any other institution for a specific period withholding results.
- Fine regarding between Rupees 25,000/- and rupees 1 lakh.
- Debarring from representing the institution in any regional, national or international meet, tournament, youth festival, etc.
- Collective punishment: When the persons committing or abetting the crime of ragging are not identified, the institution shall resort to collective punishment.
- Suspension/ expulsion from the hostel..

## INTERNAL COMPLAINTS COMMITTEE (ICC)

In pursuance of the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act 2013 and the Rules framed there under, our college hereby adopts the procedure for determining complaints filed to the Internal Complaints Committee (ICC) earlier known as Vishakha Cell constituted under the Act.



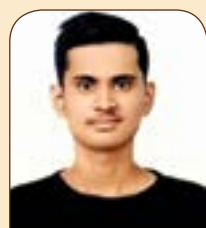






## Placement :

We are very proud to state that all pass out students are very well placed in various industries and research institutes. Most of the students have been placed in renowned organizations of India as well as MNCs. Some of the recruiters for students of institutes include reputed industries like KPIT technologies, Infosys, Wipro Technologies, TCS, Tech Mahindra, Syntel, Cognizant, infobrain, Telly Soft & Midas technologies.



**Sahil S. Wasane**  
B.Sc.(C.S), Batch : 2020  
Infosys BPM



**Pranita S. Chavan**  
B.Sc.(C.S), Batch : 2020  
Infosys BPM



**Nakul S. Vaishnav**  
B.Sc.(C.S), Batch : 2020  
Infosys BPM



**Rucha R. Muley**  
B.Sc.(C.S), Batch : 2020  
Infosys BPM



**Shadb Ahmed Ateeque Ahmed**  
B.Sc.(C.S), Batch : 2020  
Infosys BPM



**Rasika B. Potale**  
B.Sc.(C.S), Batch : 2020  
Infosys BPM



**Sharayu D. Khonde**  
B.Sc.(C.S), Batch : 2020  
Infosys BPM



**Shubhada P. Kolte**  
B.C.A., Batch : 2020  
Infosys BPM



**Rutuja R. Lagad**  
B.Sc.(I.T.), Batch : 2020  
Mphasis



**Ajay U. Shinde**  
B.Sc.(C.S.), Batch : 2020  
Mphasis



**Gaurav R. Kale**  
B.Sc.(C.S.), Batch : 2020  
Mphasis



**Ankita Bhar T Khirsagar**  
B.Sc.(C.S.), Batch : 2020  
Infosys BPM



**Rutuja Kale**  
B.Sc.(I.T.), Batch : 2020  
Infosys BPM



**Rutuja Khandare**  
B.Sc.(C.S.), Batch : 2020  
Mphasis



**Ms. Mitali Savji**  
B.Sc.(C.S.), Batch : 2020  
Mphasis



**Kamraj Babu**  
B.Sc.(C.S.), Batch : 2020  
TCS



**Vijay G. Bhalerao**  
B.Sc.(H/N), Batch : 2020  
TCS



**Mamta Hi Lalal Gurubhaiyeo**  
B.Sc.(C.S.), Batch : 2020  
Infosys BPM



**Ashish R. Singh**  
B.Sc.(C.S.), Batch : 2020  
Infosys BPM



**Dhananjay K. Devkar**  
B.Sc.(C.S.), Batch : 2020  
Infosys BPM



**Kashish M. Pawar**  
B.Sc.(C.S.), Batch : 2020  
Infosys BPM



**Harshada P. Kolte**  
B.C.A. (Sci.), Batch : 2020  
Infosys BPM



**Ashish N. Takalkar**  
B.Sc.(C.S.), Batch : 2020  
Infosys BPM



**Mr. Vishal Mali**  
B.Sc.(Animation), 2019  
John Deere Pvt. Ltd.





IIRS



## SWAYAM NPTEL LOCAL CHAPTER

College has become Remote center for Indian Institute of Remote Sensing (IIRS) under Indian Space Research Organisation, Department of Space, Govt. of India to conduct EDUSAT based Distance Learning Programme for Graduates, Post Graduates and Faculty members.

IIRS is a premier Training and Educational Institute set up for developing trained professionals in the field of Remote Sensing, Geoinformatics and GPS Technology for Natural Resources, Environmental and Disaster Management.

IIRS functions as a constituent Unit of Indian Space Research Organisation (ISRO), Department of Space, Government of India. Formerly known as Indian Photo-interpretation Institute (IPI), founded in 1966, the Institute boasts to be the first of its kind in entire South-East Asia. While nurturing its primary endeavour to build capacity among the user community by training midcareer professionals, the Institute has enhanced its capability and evolved many training & education programmes that are tuned to meet the requirements of various target groups, ranging from fresh graduates to policy makers including academia.

### EDUSAT BASED DISTANCE LEARNING PROGRAMME

EDUSAT based outreach programme (distance learning programme) of the Institute is the first of its kind in the country in the field of 'Earth Observation and Geo-information Techniques'. Indian Institute of Remote Sensing (IIRS) and ISRO Dehradun Outreach Programme offering courses in Remote sensing, GIS & GNSS for faculty and students at the Institution without any fee through EDUSAT.

Various courses are scheduled as per yearly calendar published by the IIRS team. The lectures are scheduled from 4:00PM to 5:30 PM for 4/5 days a week.

**ENROLLEMENT / REGISTRATION: FREE**

**CERTIFICATION: FREE (on successful examination)**



Spoken Tutorials

## IIT BOMBAY SPOKEN TUTORIAL PROJECT – FOSS

Spoken Tutorial Project – Open Source Software Tutorials – (IIT Bombay Spoken Tutorial Project – FOSS)

We feel proud to announce that we are the "FOSS and Resource Center" for the Spoken Tutorial Project – promoted by IIT Bombay spoken Tutorial in association with Ministry of Human Resource Development (MHRD) as part of its mission for Education – Information & Communications Technology (ICT).

FOSS is a new technology for the students to learn and it is of great help to them. It has something that will make students to meet the demands of current software technologies by providing free and open source training in different languages as Linux-Ubuntu, C, C++, Java, Netbeans & Python, Scilab, PHP, Mysql, Calc, Python, LaTeX, OScad etc. which will help the students in shaping their bright future.



We would like to inform you that we have successfully organized Several Faculty Development Programmes and training programmes for students.

**ENROLLEMENT / REGISTRATION: FREE**

**CERTIFICATION: FREE (On successful examination)**



**SWATAM - NPTEL**  
**LOCAL CHAPTER**



## SWAYAM NPTEL LOCAL CHAPTER

The National Programme on Technology Enhanced Learning (NPTEL), a project funded by the Ministry of Human Resource Development (MHRD), provides e-learning through online Web and Video courses in Engineering, Sciences, Technology, Management and Humanities. It has developed curriculum based video courses and web-based e-courses targeting students and faculty of institutions offering UG engineering programs. This is a joint initiative by seven IITs and IISc Bangalore. Other selected premier institutions also act as Associate Partner Institutions.

NPTEL has accepted the request to host a NPTEL Local Chapter in MGM's Dr. G. Y. Pathrikar College of Computer Science and Information Technology and college students are engaged in online courses organized by Professors from IITs and IISc Bangalore. This is now re-functioning as SWAYAM – NPTEL Local Chapter as per the MHRD guidelines. This is a joint initiative by seven IITs and IISc Bangalore. The course registration is free. However, to secure a certification in the course, students have to appear for online examinations and pay the fees as per NPTEL guidelines.

**ENROLLEMENT / REGISTRATION: FREE**

**CERTIFICATION: As per NPTEL rules and regulations.**



**NMEICT**  
National Mission on Education Through ICT



## NMEICT REMOTE CENTER

CENTER ID: 1494

MGM's Dr. G. Y. Pathrikar College of Computer Science and IT is selected as one of the eOUTREACH Programme Remote Center of Indian Institute of Technology (IIT) Bombay. This is an important initiative taken by IIT Bombay to work with Engineering Colleges in the country to enhance the teaching skills of faculty colleagues in core Engineering and Science subjects, under the project, "Empowerment of Students & Teachers through Synchronous & Asynchronous Instruction." This initiative is a part of the National Mission on Education through Information and Communication Technology (ICT) supported by Ministry of Human Resource and Development. Under this project, IIT Bombay along with IIT Kharagpur conducts two-week ISTE workshops through distance mode using the EDUSAT network of ISRO and the AVIEW software using internet, for live transmission at various remote centers across the country, during the vacation period in summer and winter.





Faculty Development Program at Infosys, Pune



Awareness program on Community Policing, Cyber crime & Damini Pathak



A guest lecture by  
Mr. Kishor Ambhore



A guest lecture by  
Mr. Arvind Kulkarni



A guest lecture by  
Mr. Deepak Bhingardeo



A guest lecture by  
Dr. Santosh Vyas

### Entrepreneurship Awareness Camp (EAC)



A guest lecture by Mr. Dharmaraj Veer  
on the occasion of Library Day



A guest lecture on IPR by Advocate  
Prajakta Kale from Queen Mary  
University of London



A guest lecture by Alumni  
Mr. Abhijeet Dutonde  
(Paint Artist at Illusionethreal Studio, Pune)



## NSS ACTIVITIES



### रक्तदान

औरंगाबाद में हाल ही में डॉ जीवाई पाटील कॉलेज ऑफ कम्प्यूटर साइंस एंड इन्फॉर्मेशन टेक्नोलॉजी के राष्ट्रीय सेवा योजना विभाग की ओर से आयोजित शिविर में रक्तदान करती छात्रा.



### एक भाकर पूरग्रस्तांसाठी अभियान





# ALUMNI MEET 2020





# Annual Gathering "GLITZ" 2020





# INDUSTRIAL VISIT



Copper Track Industries, Nashik



Illusion Ethereal studio & Tiny Dreams media Pvt. Ltd., Pune



Infosys Ltd. Pune



# YOUTH FESTIVAL



Poster Competition



Mrud-Murtikala



Rangoli Competition



Painting Competition



Mrud-Murtikala



Prize Received by the auspicious hands of honorable guest Mr. Sumit Raghwan



## Infrastructure

The college has unique Location in MGM Campus, Aurangabad.

The building has amenities like spacious classrooms, office, Library, ultra modern computer labs, spacious conference hall, reading room etc.

MGM campus has modern sports facilities like huge playground for Cricket, Volleyball, Basketball and well equipped gym  
MGM's lush green & serene campuses are conducive to create a peaceful learning atmosphere.

## Hostel A home away from home

MGM has separate hostels within the campus for boys & girls. The hostel accommodation is very safe, comfortable & near the college. The hostel has well furnished rooms with excellent facilities.



E- Library



Library



e-yantra Lab



IQAC Cell



Research Lab



Lecture Hall



Animation studio



Computer Lab



Admin Office



Swimming Pool



Rifle Shooting



GYM





## **MGM UNIVERSITY**



**Shri A. N. Kadam**  
Chancellor

**Prof. Sudhir Gavhane**  
Vice Chancellor

**Dr. Rajan Velukar**  
Pro Chancellor

**Prof. Ashish Gadeker**  
Registrar

**Dr. Prapti Deshmukh**  
Dean, Basic & Applied Science



**37 Years**

of established Legacy  
of MGM's Education

**10000+**

Students

**1000+**

Highly Qualified and  
Experienced Faculty

MGM's  
**European  
Education Center**

Excellent  
**Placements**

## Jawaharlal Nehru Engineering College

### B.Tech

Civil / Mechanical / Electronics &  
Telecommunication / Computer Science / Electrical  
/ Chemical / Information Technology

### M.Tech

Structural / Mechanical – Manufacturing /  
Electronics / Computer Science / Electrical Power  
Systems

### M.C.A

### ARCHITECTURE

B. Arch | M. Arch  
General / Environmental

Contact: 0240 – 2482893 | [www.jnec.org](http://www.jnec.org)

## College of Journalism & Mass Communication

### B.A

International Journalism / Digital Media / Mass  
Comm. & Journalism

### B.A. (Hons)

Film Making / Photography

### M.A

Convergent Media / Mass Comm. & Journalism  
(Print / Electronic / Adv & PR / Event Management)

### Diploma Programs:

Film Making / Photography

### Certificate Programs:

Radio Jockey / Acting Program for Seniors & Juniors /  
Photography / Weekend Program in Film Making  
Weekend Program in Photography

### Evening Programs:

Digital Media Marketing / Radio Jockey / Acting  
Program for Seniors & Juniors / Photography /  
Script Writing

Contact: 0240- 2480490/2478908, 8806255507  
[www.mgmjournalism.org](http://www.mgmjournalism.org), [www.mgmfilmarts.com](http://www.mgmfilmarts.com),  
[www.mgmphotography.org](http://www.mgmphotography.org)

## Institute of Management and Research

**B.B.A | B.Com | M.B.A** (Full time / Part Time)

Contact: 0240-2483405 | [www.mgmim.org](http://www.mgmim.org)

## Institute of Hotel Management and Catering Technology

**B.Sc** Hotel Operations

**B.Sc** Travel, Tourism & Aviation

**PGD** in Hotel Operations

### Certificate Program -

Hotel Operations / Culinary Arts / Aviation & Tourism  
Management / Food & Beverage Operations /  
Accommodation Operations

Contact: 8793047544/ 9689521077 | [www.mgm-ihmct.org](http://www.mgm-ihmct.org)

## Institute of Fashion Designing

**B. Design | M. Design**

Fashion Design / Textile Design

### Diploma Programs:

Fashion Design & Boutique Management  
Management Diploma Program

### Certificate Programs:

Fashion Design Certificate Program

Contact: 0240-2471066 | [www.mgmifd.org](http://www.mgmifd.org)

## College of Fine Arts

### B.F.A

Interior Design / Applied Arts / Painting

### M.F.A.

Interior Design / Painting

Contact: 0240-2474174 | [www.mgmcofa.com](http://www.mgmcofa.com)

## Institute of Bio Sciences & Technology

### B.Sc. (Hons)

Biotechnology / Bioinformatics / Microbiology /  
Food Technology & Nutrition

### M.Sc

Biotechnology / Plant Biotechnology /  
Bioinformatics / Industrial Microbiology

Contact: 0240-6562438 | [www.mgmibt.com](http://www.mgmibt.com)

## Dr. G. Y. Pathrikar College of Computer Science & IT

### B.Sc.

Computer Science / Information Technology /  
Animation / Hardware & Networking / B.C.A (Science) /  
M. Sc. Data Science (Integrated 5 yrs Program)

### M.Sc

Computer Science / Information Technology / Animation /  
Data Science

### Certificate Programs:

Andriod / Java Script / VB Net / Arduino / PHP /  
C Programming / Programming in CPP / Oracle (DBA) /  
WordPress / Web Designing / Python / Graphics Design  
/ 3D Architectural Design / 2D Animation / Video Editing  
/ VFX (Visual Effects)

Contact: 0240-2473816 | [www.mgmdrugyp.org](http://www.mgmdrugyp.org)

## MAHAGAMI GURUKUL

### B.P.A

Kathak / Odissi

### Diploma & Foundation Programs:

Foundation Certificate Program

Kathak Level 1 / Odissi Level 1

### Dance Appreciation Diploma:

Kathak Level 1 / Odissi Level 1

Contact: 9372093189/ 8237021054 | [www.mahagami.com](http://www.mahagami.com)