॥ अप्पो दीपो भव ॥

महात्मा गांधी मिशन विश्वविद्यालय

MGMUNIVERSITY

Established by Maharastra Act.
2(f) status of UGC.

ANNUAL REPORT 2021 - 22

MGM University, Aurangabad
Annual Report
2021-22

Annual Report Committee

Porf. (Dr.) Vilas Sapkal, Chairman
Dr. Ashish Gadekar, Member
Dr. H. H. Shinde, Member
Dr. Sonal Deshmukh, Member
Dr. Ashok Shinde, Member
Mr. Kapilesh Mangal, Member
Ms. Tanuja Dubey, Member
Ms. Kavita Soni, Member
Ms. Apurva Solanke, Member
Ms. Prerna Dalvi, Member
Dr. Parminder Kaur, Member

Published by

Dr. Ashish Gadekar
Registrar
MGM University, Aurangabad

Address: MGM University,
MGM Campus, N-6, CIDCO,
Aurangabad - 431003, Maharashtra, India.
Phone: 0240-6481000 |
E-mail : registrar@mgmu.ac.in | www.mgmu.ac.in

॥ अप्पो दीपो भव ॥
महात्मा गांधी मिशन विश्वविद्यालय
MGMUNIVERSITY

ANNUAL REPORT 2021-22

1ST JULY 2021 - 30TH JUNE 2022

The aim of university education should be to turn out true servants of the people who will live and die for the country's freedom.

- Mahatma Gandhi

Contents

Chairman's Message	
Chancellor's Message	
Vice-Chancellor's Message	
Registrar's Message	

Sr. No.	Title	Page No.
	About MGM University	
1.	Objects of the University	05
2.	Powers and Functions of the University	06
3.	Officers of the University	08
4.	Authorities of the University	09
5.	Academic Programs and Initiatives	15
6.	University Admissions	32
7.	Accreditations-NAAC	34
8.	University Examination	35
9.	Student Activities	37
10.	Student Achievements & Awards	49
11.	Training and Placements	52
12.	Centre for Entrepreneurship Development	56
13.	Collaborations	58
14.	Research & Development, Projects, Patents, Consultancy	60
15.	Faculty Development Activities	81
16.	Achievements, Awards and Recognitions	82
17.	Green & Sustainable Initiatives	84
18.	Interaction with Eminent Visitors	87
19.	Infrastructure Facilities	90
20.	Innovation Incubation Research Center	99
21.	University Policies	104
22.	Internal Quality Assurance Cell for Educational Quality Enhancement	105
23.	MGM University Foundation Day	108
24.	Social responsibilities	114
25.	Best Practices	115
26.	NEP- 2020 Implementation at University	117
27.	Scholarships Provided	119
28.	Program-wise Intake & Admissions	120
29.	Program-wise Fee Structure & Fee Collection	123
30.	University Employee Salary Details	132

Abbreviations

UGC	University Grants Commission
JNEC	Jawaharlal Nehru Engineering College
IOMR	Institute of Management and Research
IBT	Institute of Bio-Sciences and Technology
CJMC	College of Journalism & Mass Communication
IHM	Institute of Hotel Management
IFD	Institute of Fashion Designing
CoFA	College of Fine Arts
IoSS	Institute of Social Sciences
IIFL	Institute of Indian and Foreign Languages
GYPC CS & IT	Dr. G.Y. Pathrikar College of Computer Science & Information Technology
DoP	Department of Photography
B.Tech.	Bachelor of Technology
B.Arch.	Bachelor of Architecture
B.Des.	Bachelor of Design
BCA	Bachelor of Computer Application
BCJ	Bachelor of Communication and Journalism
B.Sc.	Bachelor of Science
BPA	Bachelor of Performing Arts
BFA	Bachelor of Fine Art
BBA	Bachelor of Business Administration
B.Com.	Bachelor of Commerce
M.Tech.	Master of Technology
MFA	Master of Fine Art
M. Arch.	Master of Architecture
M.Sc.	Master of Science
M. Des.	Master of Design
MCA	Master of Computer Applications
MCJ	Master of Communication and Journalism
MA	Master of Arts
MPA	Master of Performing Arts

MBA	Master of Business Administration
MSW	Master in Social Works
NASSCOM	National Association of Software and Service Companies
MEITY	Ministry of Electronics and Information Technology
IIRC	Innovation, Incubation Research Centre
MoU	Memorandum of Understanding
CIE	Continuous Internal Evaluation
BoE	Board of Examinations
CBCS	Choice Based Credit Systems
CII	Confederation of Indian Industry
QCFI	Quality Circle Forum of India
CSI	Computer Society of India
NIPM	National Institute of Personnel Management
AMA	Aurangabad Management Association
ISTD	Indian Society for Training & Development
CMIA	Confederation of Marathwada Industry and Agriculture
MASSIA	Marathwada Association of Small Scale Industry and Agriculture
MSEDC	Maharashtra State Entrepreneurship Development Council
DTE	Directorate of Technical Education
AICTE	All India Council for Technical Education
COA	Council of Architecture
UDICT	University Department of Information & Communication Technology
AI	Artificial Intelligence
ML	Machine Learning
IoT	Internet of Things
UDBAS	University Department of Basic & Applied Sciences
SoFA	School of Film Arts

Shri. Kamalkishor Kadam
Chairman, Mahatma Gandhi Mission

Chairman's Message

The purpose of education is not merely to provide information, it rather aims to build a character that ultimately shapes the future of a nation. With the strong foundation of Gandhian values and the wide wings of Nehruvian vision, MGM University strives to build this nation's character. Higher Education is a process intended to bring about transformation in your perspective and give you new thoughts, new visions, and new ambitions with a scientific approach.

MGM University was established in the year 2019 under the aegis of the Mahatma Gandhi Mission Trust. Within a short span of two years, despite challenges faced due to the pandemic, MGM University has achieved remarkable success. We have initiated a large number of advanced and life-enriching programs in a variety of subjects through our constituent colleges. These colleges are ranked amongst the top Indian institutions in the state and the country.

With Liberalization and Globalization, the Indian corporate sectors felt the need to reposition itself, quickly in order to effectively respond to emerging competition and also exploit the opportunities. The new challenges will not be surmounted with yesterday's concepts and the day before yesterday's strategies and technologies but rather with our ability and thinking futuristic and redefining our action plan for today. To cater to this requirement, we aim to live up to our mission to groom young future students to be complete, value-driven human beings and competent professionals with global outlook and capable of functioning in cross functional teams, to balance scientific principles with practical applications in all streams of learning.

There is great potential in Indian youth to leverage the scientific and technological progress of the 21st century. MGM University continues to enhance its support to education, research, and innovation by providing the right kind of training and facilities to this budding Indian talent. It is heartening to note that our students have been performing incredibly well in all disciplines including Engineering, Architecture, Design, Arts, Social Sciences, Basic and Applied Sciences, Commerce and Management. MGM always endeavours to develop students who are role models not only academically but also ethically in their relentless pursuit of scientific and artistic excellence.

MGM University promises to provide practical, industry-focused and future-ready higher education that attracts talented students from across all states of India and abroad focusing on the developing world with a moto 'Empowering Generations, Empowering Nations.'

Shri. Ankushrao N. Kadam
Chancellor, MGM University

Chancellor's Message

I am delighted to present the annual report of MGM University for the year 2021-22. Three years ago, the University was founded with a vision to create an educational centre that will provide holistic education, undertake in-depth research and pursue innovation in different areas of life. The aim was also to promote social welfare, conserve Indian arts and heritage and inculcate scientific temperament and inquisitive spirit. The core objective of these activities was to create a self-reliant society as envisioned by Mahatma Gandhi.

Just one year after the formation of the University, we saw a deadly pandemic hit the world. The calamity affected the education sector the most forcing classes and campuses to shut down and teachers and students to rely on online teaching and learning. However, I am proud of our teachers and staff who ensured that our students suffer minimum educational loss during the period. We bounced back with a greater strength and determination to achieve academic excellence. You can see some of the initiatives we took in this direction in the report. We also made a great deal of progress in terms of establishing new entities, initiating new programs, forming new collaborations and strengthening the old bonds. We believe in the enormous potential of our young minds and are committed to provide them the education and environment they needto fulfil their dreams.

While speaking about education, Mahatma Gandhi said, "Education should bring out the best in the pupil." What he meant to say is that, education should ensure moral, ethical and social development of individuals along with building their professional skills and talents. The world is facing unprecedented challenges today, unfolding of climate emergency in every part of the world, rising threat of war and violence in society, unchecked discriminations based on race, caste, creed, religion and gender and an increasing inequality in society. The most powerful weapon to tackle these challenges and change the world, as Nelson Mandela said, is education.

We are awareof this great responsibility on our shoulders. We, of course, are committed to ensure that our students develop cutting-edge skills in technology and master the modern sciences. However, at the same time we are also determined to instil in them the sensitivity towards environment and social problems. We strive to employ innovative ways of teaching and learning wherein students are encouraged to use their knowledge and skills to solve the problems of society. We are already implementing this through our project-based, problem-based and research-based teaching-learning methods and I am sure we will be able to contribute more in the near future.

Speaking of the future, we are working towards making MGM University a confluence of various streams of knowledge. A place where the learner sees and understands the world in its entirety. A student of MGM University should be able to soar the sky of the most advanced sciences and technology, decipher the complex socio-economic and ecological problems of the time and also revel into the sublimities of arts and culture in the same campus. That is our dream. This type of education can help create a thorough human being who can lead us towards a sustainable future.

I hope this report helps you get a glance into the small steps we took towards achieving this dream in the year gone by.

Prof. (Dr.) Vilas Sapkal
Vice-Chancellor, MGM University

Vice-Chancellor's Messsage

Excellence is not a destination, it's a continuous journey. The fact is even more applicable when it comes to education. That's why Mahatma Gandhi said, "Live as if you were to die tomorrow, learn as if you were to live forever."Therefore, an educational institution has to continuously improve on its standards of education. MGM University has been doing it since its very foundation. Three years' time is a very short period in the life of a University. However, the milestones achieved by MGM University in such asmall span of time are truly encouraging and heartwarming. I am happy to present the MGM University's Annual Report 2021-22, which will introduce you to its outstanding journey over the last year in particular while also providing a glimpse into the previous years.

We achieved a great degree of success while striving towards our goals. We improved on our infrastructure, teaching-learning practices and assessment methods. We also introduced a number of new programs and opened up a fewnew institutions such as the School of Engineering and Technology, School of Design and School of Law, Nath School of Business and Technology and Department of Fire Service Engineering. We also established a new MGM University Administrative Building to streamline the administrative functions of institution and allow the faculty members to focus more on research, innovation and teaching-learning.

MGM University is determined to be recognized as a Next Generation University. It aims to create a position for itself not only in the state and the country but also at the global level. To secure such a position, the University will certainly strive to meet the NIRF and QS ranking criteria at the national and global level respectively. However, at the same time, it will also set its own standards of quality education. These standards will be focused on three major components – research, innovation and knowledge generation from experiential learning. We have been working in this direction and have received a great response from our faculty and students. I am immensely pleased to inform you that from this year, MGM University has made a special budgetary provision of INR 3 crores to support research and innovation andwe have already received 50 research proposals from our faculties for a grant.

In today's time, one cannot go far with an expertise in only one subject. To really make difference in society, one has to have the knowledge of different disciplines and be able to integrate it develop a sustainable solution. Realizing the need of the hour, we have established an 'Institute of Research Chair' in the University. The Institute will promote and support integrated and multidisciplinary research and work as a platform for the faculties and students to bring together various streams of knowledge. It will also help them with the necessary guidance and collaboration opportunities.

I am sure, with the support and efforts of the faculties, management, staff and students, MGM University will be able to reach the status as envisioned by its visionary founders in near future.

Dr. Ashish Gadekar
Registrar, MGM University

Registrar's Message

I am extremely happy to present the annual report of the MGM University for the academic year 2020-21.Established on 9th Sept. 2019 as a Self-financed State University, MGM University had a humble beginning. It started with only 7 UG, 2 PG and 5 Diploma programs under four faculties of knowledge in the academic year of 2019-20. In 2022-23, MGM University is offering 86 UG, 82 PG, 79 Diploma, 28 Ph.D., and 89 PG. Diploma, Certificate and short term programs under seven faculties. There are 26 conducted colleges, Institutes, Departments and Schools under the auspices of MGM University and their number is still rising. The University also hostsseveral other educational facilities including 127 modern classrooms, 123 well-equipped laboratories, workshops, seminar halls,auditorium, cutting-edgefilm and photography studios, world-class sports facilities like a magnificent cricket stadium, football ground, lawn tennis, table tennis, badminton, rifle shooting ranges, Olympic-size swimming pool and much more. The University also has the one-of-its-kind Innovation, Incubation and Research Centre (IIRC) established in collaboration with leading tech companies from across the world, Centre for Multidisciplinary Research, Knowledge Resource Centre and Centre for Entrepreneurship Development that nurtures and guides the budding entrepreneurs in the students.

MGM University has also made a great progress in terms of student enrolment. In 2019-20, it had 207 students in all including one overseas student. In 2020-21, despite Covid-19 outbreak, 1515 students enrolled in the University. In 2021-22, the number reached 2259 including 15 overseas students. And in the current academic yearwe are already close to the last year's figure and the admissions are still going on. The rising number of student enrolment vouch for the quality of education at MGM University and the trust it has built in the short span of time. Having said this, the constituent colleges of the University do inherit a cherished legacy of four decades of excellence in higher education.

Research is a core area of focus for MGM University. So far, the learned faculties of the University have published 162 National and 382 International papers, 17 National and 16 International books, 2 National and 14 International book chapters. The University has also secured 64 MoUs in diverse areas of research, training and education. It has also applied for 31 patents out of which 9 are granted and 22 are published. MGM University has invested heavily in its research infrastructure and faculties to provide quality education to the students and inculcate the spirit of research and innovation in them.

MGM University has great plans for the future. We are working on ways to make our curriculums more futuristic and industry-oriented and enhance the learning experience of our students. We are also looking forward to have more national and international level collaborations for the development of our faculties and students.

MGM University is committed to support anall-round development of its students and transform them into future leaders of society. Let's all join hands to nurture this dream.

MGM University, Aurangabad

"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."

In Maharashtra state, there are 19 self-financed universities established until 2019. The MGM University of Aurangabad is founded by Mahatma Gandhi Mission Trust. The MGM University Act is passed by the Government of Maharashtra by an Act bearing number Maharashtra Act XXVI of 2019.This Act has been passed by the Maharashtra Legislative Assembly & Maharashtra Legislative Council in the month of July 2019 and is published in the Gazette of the Government of Maharashtra on 22nd July 2019. "The MGM University Act 2019" has come into force from 20th August 2019, and it's under operation from 9th September 2019. It's a landmark achievement in the history of higher education of Marathwada, for being the first self-financed university (private) of this region of Maharashtra State.

The University launched its first set of programs in the academic year 2019-20. With highly competent and committed faculty and responsive management staff, modern infrastructure and a close knit global alumni network of the conducted colleges, MGM University is all set to give its future students an experience comparable to any world-class educational institution.

MGM University comprises five faculties of academics, Faculty of Engineering & Technology, Faculty of Management & Commerce, Faculty of Basic & Applied Sciences, Faculty of Social Sciences &Humanities and Faculty of Performing Arts. The five faculties have been conceived to bring allied disciplines within a broad framework of inclusive entities - Colleges, Institutes, Departments, Schools and Gurukul.

MGM University, Aurangabad AT A GLANCE

Year of establishment	09 September 2019 (As per Government of Maharashtra, Department of Higher and Technical Education notification)
Jurisdiction	MGM University Campus, N-6, CIDCO, Aurangabad – 431003, Maharashtra
Whether Unitary or affiliating	Unitary
Campus area (in Sq. Mts.)	MGM University Administrative Building - 2667.38
Number of Conducted Colleges / Institutes / Departments / School	Total 14 Conducted Colleges / Institutes / Departments • Jawaharlal Nehru Engineering College • University Department of Information & Communication Technology • Institute of Fire Service & Engineering • Institute of Management and Research • Institute of Hotel Management • Institute of Biosciences and Technology • Dr. G. Y. Pathrikar College of Computer Science & Information Technology • University Department of Basic & Applied Sciences • College of Journalism and Mass Communication • Institute of Social Sciences • Institute of Indian & Foreign Languages • Institute of Fashion Design • College of Fine Arts • Mahagami Gurukul
Name of Faculties	Engineering and Technology Management & Commerce Basic & Applied Sciences Social Sciences & Humanities Performing Arts
Total Admission in 2021-22	2259
Male Students	1288 (57.01%)
Female Students	971 (42.98%)
UG program Admission	1404
PG program Admission	524
Ph. D. program Admission	247
Diploma program Admission	66
PG Diploma program Admission	18
Number of Teaching Staff	186
Number of Non Teaching Staff	191
Total Number of Titles in the Library	41510
Number of the Volumes in the Library	137945
Number of e-Journals, Print Journals	7393, 240
Number of e-Books, Print Books	1,83,657, 137849
Research Publications	135
Patents	14
Book Published	18

विद्यापीठ गीत

अत्त दिप भव भव प्रदिप भव,
स्वरुप रुप भव हो
ज्ञान सब्ब विज्ञान सब्ब भव,
सब्ब दीप भव हो

अत्ताहि अत्त नो नाथो,
अत्ताहि अत्त नो गति

अत्त मार्गपर अप्रमादसे है तुझे चलना
सब्ब का कल्याण हो,
वो कार्यकुशल करना
सब्ब का उत्तम मंगल,पथप्रदर्शक हो

अत्त दिप भव भव प्रदिप भव,
स्वरुप रुप भव हो
ज्ञान सब्ब विज्ञान सब्ब भव,
सब्ब दीप भव हो

बुद्धं शरणं गच्छामि :
धम्मं शरणं गच्छामि :
संघं शरणं गच्छामि :

OUR VISION

- To ensure sustainable human development which encourages a self-reliant and self-content society.
- To promote activities related to community services, social welfare and also Indian heritage and culture.
- To inculcate the culture of non-violence and truthfulness through vipassana meditation and Gandhian Philosophy.
- To develop the culture of simple living and high thinking.

OUR MISSION

- To establish a center 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 world of 'new economic order' and help India attain 'pride of place' at the global level.

1. Objects of the University

Objects of the University as per MGM University, Aurangabad Act are:

i. to provide learning, teaching, capacity, capability and skills development and research and development in higher and technical education, covering Liberal Arts, Humanities, Social Sciences, Life Sciences and Biotechnologies, Nano-Sciences and Technologies, Professional Disciplines such as Engineering, Technology, Management, Business and Commerce, Applied and Creative Arts, Vocational Education, Media, Information and Communication Technology and Education per se and their inter-disciplinary studies and development.

ii. to provide instructions, teaching and training in Higher and Technical Education, Arts, Sports, Culture, Film, Space Technologies, Marine Research and make provisions for research.

iii. to create higher level of cognitive, affective and psychomotor (head, hearts and hands) abilities

iv. to create higher levels of intellectual abilities.

v. to create and deploy new educational programs to promote creativity, innovation and entrepreneurship for inventing of new ways for development and social reconstruction and transformation.

vi. to establish state-of-the-art facilities for education and development.

vii. to carry out teaching and research and offer continuing quality education programmes.

viii. to create centers of excellence for research and development in Science and Technology and socio-economic development and for sharing knowledge and its application.

ix. to use modern and post-modern processes, mechanisms and technologies for governance and management of learning, teaching, researching, evaluating, developing, organizing and creating socioeconomic wealth for individuals and society for 21st century.

x. to provide professional and development services to the industry and public organizations and society.

xi. to start higher education programs, courses in new and emerging areas with innovative approaches.

xii. to establish links, collaborations and partnerships with other higher education and research institutions in India and abroad.

xiii. to institute degrees, diplomas, certificates and other academic distinctions on the basis of examinations, or any other methods of evaluation.

xiv. to establish innovative approaches for creation of seamlessness in academic structures, learning time-frames, and working and continuous evaluation processes for nurturing and cultivation of creativity and entrepreneurship.

xv. to pursue any other objectives as may be suggested by the Government.

xvi. to ensure that the standard of the degree, diplomas, certificates and other academic distinctions conferred by a University are not lower than those laid down by the All India Council for Technical Education or the National Council for Teacher Education established under the National Council for Teacher Education Act, 1993 or the University Grants Commission constituted under the University Grants Commission Act, 1956 or the Pharmacy Council of India constituted under the Pharmacy Act, 1948 or the Bar Council of India constituted under the Advocates Act, 1961 or any other statutory body, as the case may be.

2. Powers and Functions of the University

Powers and Functions of the University as per MGM University , Aurangabad Act are:

i. to make provisions and adopt all measures (including adoption and updating of the curricula) in respect of study, teaching and research, relating to the courses through traditional as well as new innovative modes including on-line education mode.

ii. to institute and confer degrees, diplomas, certificates, awards, grades, credits and academic distinctions.

iii. to conduct and hold examinations.

iv. to provide for the degrees, diplomas, certificates, equivalent or corresponding to the degrees, diplomas, certificates of other recognized Universities, Boards or Councils.

v. to take all necessary measures for setting up campus.

vi. to set up central library, departmental libraries, museums and allied matters.

vii. to institute and confer honorary degrees as may be prescribed.

viii. to institute and award fellowships, scholarships, studentships, as may be specified.

ix. to take special measures for spreading educational facilities among the educationally backward strata of the society.

x. to encourage and promote sports and other extracurricular activities.

xi. to create technical, administrative and other necessary posts and to make appointments thereto.

xii. to undertake research projects on mutually acceptable terms and conditions.

xiii. to provide consultancy services.

xiv. to frame statutes, ordinances, rules and regulations for carrying out the objects of the University in accordance with the provisions of the Act.

xv. to encourage and promote co-curricular activities for personality development of the teachers, students and employees of the University.

xvi. to provide for dual degrees, diplomas or certificates vis-a-vis other universities on reciprocal basis within and outside the country as per instructions of the State Government, Government of India and University Grants Commission.

xvii. to make such provisions for integrated courses in different disciplines in the educational programmes of the University.

xviii. to set-up colleges, institutions and off-campus centers, only within the State, as per the instructions issued by the State Government, Central Government and the University Grants Commission, from time to time.

xix. to receive donations, gifts and grants and to acquire, hold, manage and dispose of any property, movable or immovable, including trust or endowed property within or outside the State for the purposes and objects of the University and to invest funds.

xx. to prescribe the fee structure for various courses, from time to time as per provisions of University

Act.

xxi. to demand and receive payments of such fees and other charges as may, from time to time, be specified.

xxii. to seek collaboration with other institutions on mutually acceptable terms and conditions.

xxiii. to determine salaries, remunerations, honoraria to teachers and employees of the University in accordance with the norms, specified by the University Grants Commission and the other regulatory bodies.

xxiv. to organize and to undertake extra-mural teaching and extension services.

xxv. to establish and maintain Halls and Hostels.

xxvi. to recognize, supervise and control Halls and Hostels not maintained by the University and other accommodation for the residence of the students and to withdraw any such recognition.

xxvii. to regulate and enforce discipline among students and employees of the University and to take such disciplinary measures as may be deemed necessary.

xxviii. to make arrangements for promoting health and general welfare of the students and the employees of the University.

xxix. to co-operate with any other university in and outside the country, authority or any public or private body having in view of the promotion of purposes and objects similar to those of the University for such purposes as may be agreed upon, on such terms and conditions as may, from time to time, be specified.

xxx. to provide for the printing, re-printing and publication of research and other work, including text books, which may be issued by the University.

xxxi. to comply and follow, from time to time the provisions of the University Grants Commission (Establishment and Maintenance of Standards in Private Universities) Regulations, 2003 or any other regulations or directions issued by the University Grants Commission.

xxxii. to comply with and carry out directives issued by the State Government, from time to time, with reference to above powers, duties and responsibilities of the University.

xxxiii. to do all such things as may be necessary, incidental or conducive to the attainment of all or any of the objects of the University.

3. Officers of the University

The officers of the University, as per Section 11 (i) to (vii) of University Act XXVI of 2019 are listed in Table 1.

Table 1: Officers of the University

Sr. No.	Name	Designation
1	**Shri Ankushrao N. Kadam**	Hon'ble Chancellor
2	**Prof. (Dr.) Vilas Sapkal**	Vice-Chancellor
3	**Dr. Harirang Shinde**	Dean, Faculty of Engineering & Technology
4	**Dr. (Ms.) Rekha Shelke**	Dean, Faculty of Social Sciences & Humanities
5	**Dr. (Ms.) Prapti Deshmukh**	Dean, Faculty of Basic & Applied Sciences
6	**Dr. (Ms.) Vijaya Deshmukh**	Dean, Faculty of Management & Commerce
7	**Ms. Parwati Dutta**	Dean, Faculty of Performing Arts
8	**Dr. Ashish Gadekar**	Registrar
9	**Mr. Bharat Pentewar**	Chief Finance & Accounts Officer
10	**Col. (Dr.) Pardeep Kumar**	Controller of Examinations

4. Authorities of the University

The following are the authorities of the University, as per Section 20 of University Act No. XXVI of 2019

Table 2: Governing Body Members of the University

Sr. No.	Name	Designation
1.	**Shri A. N. Kadam** Hon'ble Secretary and Trustee MGM Trust	Hon'ble Chancellor nominated by the Sponsoring Body
2.	**Prof. (Dr.) Vilas Sapkal** Vice-Chancellor, MGM University	Hon'ble Vice-Chancellor appointed by the Chancellor
3.	**Dr. P. M. Jadhav** Hon'ble Vice-Chairman, MGM Trust	Member, nominated by the Sponsoring Body
4.	**Prof. Pratap Borade** Founding Principal, Jawaharlal Nehru Engineering College and Trustee, MGM Trust	Member, nominated by the Sponsoring Body
5.	**Dr. Sudhir Nanasaheb Kadam,** Trustee, MGM Trust and Former Vice-Chancellor, MGM Institute of Health Sciences	Member, nominated by the Sponsoring Body
6.	**Dr. Nitin Nanasaheb Kadam** Trustee, MGM Trust and Pro-Vice-Chancellor, MGM Institute of Health Sciences	Eminent Educationist 1, nominated by the Sponsoring Body
7.	**Shri Kamalkishor N. Kadam** Hon'ble Chairman, MGM Trust	Eminent Educationist 2, nominated by the Sponsoring Body
8.	**Shri Sudhir Kadam**	IT Expert, nominated by the Chancellor
9.	**Shri Bhausaheb B. Rajale,** Industrialist	Representative of Industry, nominated by the Chancellor
10.	**Shri Ranjeet Kakkad,** MD Texas Furniture Pvt. Ltd.	Representative of Industry, nominated by the Chancellor
11.	**Dr. Ashish Gadekar** Registrar MGM University	Member Secretary, nominated by the Chancellor

Table 3: Board of Management Members of the University

Sr. No.	Name	Designation
1.	**Prof. (Dr.)Vilas Sapkal** Vice-Chancellor, MGM University, Aurangabad	Hon'ble Vice-Chancellor appointed by the Chancellor
3.	**Dr. P.M. Jadhav** Hon'ble Vice-Chairman, MGM Trust	Member, nominated by the Sponsoring Body
4.	**Prof. Pratap Borade** Founding Principal, Jawaharlal Nehru Engineering College and Trustee , MGM Trust	Member, nominated by the Sponsoring Body
5.	**Dr. Rekha Shelke** Dean, Faculty of Social Sciences & Humanities MGM University, Aurangabad	Dean of the University, nominated by the Vice-Chancellor
6.	**Dr. Harirang H. Shinde** Dean, Faculty of Engineering & Technology MGM University, Aurangabad	Dean of the University, nominated by the Vice-Chancellor
7.	**Dr. Shashank Dalvi** Hon'ble Vice-Chancellor, MGM Institute of Health Sciences	Member, nominated by the Sponsoring Body
8.	**Prof. Sunil Patil** Head of Department, Architecture, Jawaharlal Nehru Engineering College MGM University, Aurangabad	Member, nominated by the Sponsoring Body
9.	**Dr. Prapti Deshmukh** Dean, Faculty of Basic & Applied Sciences MGM University, Aurangabad	Member, nominated by the Sponsoring Body
10.	**Dr. Archana Panche** Assistant Professor, Institute of Biosciences & Technology MGM University, Aurangabad	Amongst the teacher, nominated by the Sponsoring Body
11.	**Prof. Parwati Dutta** Dean, Faculty of Performing Arts	Amongst the teacher, nominated by the Sponsoring Body
12	**Dr. Vijaya Musande** Vice-Principal, Jawaharlal Nehru Engineering College MGM University, Aurangabad	Amongst the teacher, nominated by the Sponsoring Body
13.	**Dr. Ashish Gadekar** Registrar, MGM University, Aurangabad	Member Secretary, nominated by the Chancellor

Table 4: Academic Council Members of the University

Sr. No.	Name	Designation
1	Prof. (Dr.) Vilas Sapkal	Vice-Chancellor and Chairperson
2	Dr. Harirang Shinde	Member
3	Dr. (Ms.) Rekha Shelke	Member
4	Dr. (Ms.) Prapti Deshmukh	Member
5	Col. (Dr.) Pardeep Kumar	Member
6	Prof. (Ms.) Parwati Dutta	Member
7	Dr. Sanjay Harke	Member
8	Dr. R. R. Deshpande	Member
9	Dr. (Ms.) Vijaya Musande	Member
10	Dr. Sunil Pawar	Member
11	Dr. Abhay Kulkarni	Member
12	Mr. Faisal Shaikh	Member
13	Dr. (Ms.) Vineeta Arole	Member
14	Dr. Sadanand Guhe	Member
15	Ms. Shubha Mahajan	Member
16	Dr. (Ms.) Parminder Kaur	Member
17	Dr. Munjadas Kadam	Member
18	Mr. Shiv Kadam	Member
19	Dr. Ms. Sharvari Tamane	Member
20	Mr. Bapu Deshmukh	Member
21	Dr. Ravindra Deshmukh	Member
22	Mr. Sunil Patil	Member
23	Dr. M. M. Hundekar	Member
24	Dr. (Ms.) Vijaya Pradhan	Member
25	Dr. (Ms.) Sonal Deshmukh	Member

Sr. No.	Name	Designation
26	Dr. (Ms.) Rashmi Jaybhaye	Member
27	Mr. Niranjan Goswami (Padma Awardee)	Member
28	Dr. Bishnupriya Dutt	Member
29	Dr. Anu Ghokhale	Member
30	Dr. Dilip Pokle	Member
31	Dr. (Ms.) Bhumika Gupta	Member
32	Dr. (Ms.) Vijaya Deshmukh	Member
33	Dr. Santosh Dongre	Member
34	Mr. Baiju Patil	Member
35	Dr. Kapileshwar Mishra	Member
36	Dr. Saji Baby	Member
37	Dr. Ranjan Garge	Member
38	Dr. B. N. Pandey	Member
39	Dr. (Ms.) Manisha Rajebhosle	Member
40	Prof. I. C. Gupta	Member
41	Mr. Nick Oza	Member
42	Dr. Gangadhar Nikam	Member
43	Dr. Suryabhan Sananse	Member
44	Mr. Girish Lad	Member
45	Dr. Krishnamurti V.	Member
46	Dr. Bajrang Korde	Member
47	Dr. Nachiket Thakur	Member
48	Mr. Debshish Paul	Member
49	Dr. Ashish Gadekar	Member Secretary

Table 5: Board of Examination Members of the University

Sr. No.	Faculty Name		Department/College/Institute	Designation
1	Prof. (Dr.) Vilas Sapkal		Vice-Chancellor, MGM University	Chairperson
2	**Engineering & Technology**	Dr. (Ms.) Vijaya Pradhan	Civil Engineering	Member
3		Dr. Munjadas Kadam	Mechanical Engineering	Member
4		Mr. Bapu Deshmukh	Electrical Engineering	Member
5		Dr. (Ms.) Vijaya Musande	Computer Science and Engineering	Member
6		Dr. (Ms.) Sharvari Tamane	Information Technology	Member
7		Dr. Sunil Pawar	Electronics and Telecommunication Engineering	Member
8		Dr. Sadanand Guhe	Chemical Engineering	Member
9		Mr. Sunil Patil	Architecture	Member
10		Dr. (Ms.) Vineeta Arole	Applied Science	Member
11		Dr. (Ms.) Sonal Deshmukh	Master of Computer Applications	Member
12	**Basic & Applied Sciences**	Dr. (Ms.) Prapti Deshmukh	Dr. G. Y. Pathrikar College of CS & IT	Member
13		Dr. Sanjay Harke	Institute of Biosciences & Technology	Member
14	**Management & Commerce**	Dr. (Ms.) Pooja Deshmukh	Institute of Management & Research	Member
15		Mr. Aniket Joshi	Institute of Hotel Management	Member
16	**Social Sciences & Humanities**	Dr. (Ms.) Rekha Shelke	College of Journalism and Mass Communication	Member
17		Ms. Subhangi Mahajan	Institute of Fashion Designing	Member
18		Prof. (Ms.) Rashmi Jaybhaye	Institute of Indian & Foreign Language	Member
19		Dr. (Ms.) Vaishali Choudhari	Department of Psychology	Member
20		Dr. Balasaheb Sarate	Department of Economics	Member
21	**Performing Arts**	Ms. Parwati Dutta	Mahagami Gurukul	Member
22	Dr. Walmik Sarwade		Dr. Babasaheb Ambedkar Marathwada University	Evaluation Expert
23	Dr. (Col) Pardeep Kumar		CoE, MGM University	Member Secretary

Committees of the University

The committees of the university are constituted as per Section 29 of University Act No. XXVI of 2019 (Table 6 and 7).

Table 6 : Finance Committee of the University

Sr. No.	Name	Designation
1	Shri. A. N. Kadam	Hon'ble Chancellor - Chairman
2	Prof. (Dr.) Vilas Sapkal	Member
3	Dr. Pandurang Jadhav	Member
4	Dr. Sudhir Kadam	Member
5	Mr. Ashok Patil	Member
6	Adv. Sahebrao Kadam	Member
7	Dr. Harirang Shinde	Member
8	Dr. Ashish Gadekar	Member
9	Mr. Bharat Pentewar	Member
10	Mr. Abhijeet Chavan	Member Secretary

Table 7 : Fee Fixation Committee of the University

Sr. No.	Name	Designation
1	Ho'nble Panditrao Jadhav	Chairman (Retired Judge)
2	Shri. Pratap S. Borade	Member
3	Mr. Ashok Patil	Member
4	Mr. Bharat Pentewar	Member
5	Dr. Ashish Gadekar	Member
6	Dr. Harirang Shinde	Member
7	Adv. Vikarm Kadam	Member
8	Mr. Abhijeet Chavan	Member Secretary

5. Academic Programs and Initiatives

MGM University in Aurangabad, established by the revered Mahatma Gandhi Mission Trust, a pioneer with 4 decades of excellence in education, research and service is now a self-financed State University. The conducted colleges and institutes of MGM University have a great track record of academic excellence and industry placements. They were operational since their inception and from the academic year 2019-20, have become conducted colleges and institutes of MGM University. Ph.D programs are started in the faculty of Engineering and Technology, Management & Commerce, Basic & Applied Sciences, Social Sciences & Humanities and Performing Arts from academic year 2021-22.

Faculty of Engineering & Technology has well established, nearly four-decade old Jawaharlal Nehru Engineering College (JNEC), newly established University Department of Information and Communication Technology (UDICT), Institute of Fire Service Engineering.

Faculty of Basic & Applied Sciences has Dr. G.Y. Pathrikar College of Computer Science & Information Technology, Institute of Biosciences & Technology and University Department of Basic and Applied Sciences. Faculty of Management & Commerce has Institute of Management & Research and Institute of Hotel Management. Faculty of Social Science & Humanities has College of Journalism & Mass Communication, School of Film Arts, Department of Photography, Institute of Social Sciences, Institute of Indian and Foreign Languages, Institute of Fashion Design and College of Fine Arts, Faculty of Performing Arts has Mahagami Gurukul Centre for Performing Arts.

Centre for Entrepreneurship Development has been established in the University campus to inculcate the spirit of entrepreneurship in the students. The University aims to create more job creators than job seekers and hence, set up a centre dedicated to enable the students to pursue an entrepreneurial career successfully. These students will be an asset to the society and will be nation builders in the future.

In the pursuit to offer prompt quality services to the University community, ERP system has been installed and further revamped. The different modules integrated in ERP are students registration, enrolment, course allocation, continuous evaluation, assignment & tutorials submission, proctored online examination, examination results, students' feedback, research publications, faculty development programs, records maintenance, human resources-recruitment and appraisal system, finance and store.

5.1 Faculty of Engineering & Technology

5.1.1 Jawaharlal Nehru Engineering College (JNEC)

The flagship college of MGM University, Jawaharlal Nehru Engineering College (JNEC) was established in 1983 since then, owing to its excellent quality of education, it's been regarded as a premier institute of engineering. The college has created its own mark in the field of technical education and offers a range of degree programs across the fields of engineering, architecture and computer applications - B. Tech., B.Arch., M. Arch, MCA, M.Tech., and Ph.D. approved by AICTE and COA. The college has collaborated with leading tech companies, universities and industry experts and associations to provide hands-on training and understanding of the latest technologies along with internship, project and placement opportunities to its students.

The college offers a wide variety of engineering programs from Civil, Mechanical, Chemical, Electrical and Electronics to Computer Science, IT and Architecture.

Table 8: New academic programs started in 2021-22

Undergraduate Programs	Postgraduate Programs	Ph. D. Programs
B. Tech. (Electrical & Computer Engg.)	M. Tech. (Electronics)	Ph. D. (Architecture)
B. Tech. (Electronics & Computer Engg)		Ph. D. (Chemical Engg.)
		Ph. D. (Civil Engg.)
		Ph. D. (Computer Application)
		Ph. D. (Computer Science & Engg.)
		Ph. D. (Electrical Engg.)
		Ph. D. (Electronics & Telecommunication Engg.)
		Ph. D. (Mechanical Engg.)

Table 9: Academic program details 2021-22 (New and existing programs)

Undergraduate Programs	Postgraduate Programs	Ph. D. Programs
B. Tech. (Chemical)	M. Tech. (Electronics)	Ph. D. (Architecture)
B. Tech. (Civil)	M. Tech. (CSE Digital Transformation)	Ph. D. (Chemical Engg.)
B. Arch.	M. Tech. (Electrical Power Systems)	Ph. D. (Civil Engg.)
B. Tech. (Mechanical)	M. Tech. (Mechanical)	Ph. D. (Computer Application)
B. Tech. (Computer Science & Engg.)	M. Tech. (Structural)	Ph. D. (Computer Science & Engg.)
B. Tech. (Electrical & Computer Engg.)	M. Arch. (General)	Ph. D. (Electrical Engg.)
B. Tech. (Information Technology)	MCA	Ph. D. (Electronics & Telecommunication Engg.)
B. Tech. (Electronics & Computer Engg)	M. Tech. (VLSI & Embedded System)	Ph. D. (Mechanical Engg.)
	M. Arch. (Environmental)	

Table 10: Undergraduate Minor Programs

Sr. No.	Minor Programs
10	Internet of Things
11	Industry 4.0
12	Data Science
13	Artificial Intelligence and Machine Learning
14	Full Stack Web Development
15	Design Thinking
16	Entrepreneurship
17	Chemical Technology
18	Bio Technology

Sr. No.	Minor Programs
1	Mechatronics and Industry 4.0
2	Product Design and Development
3	Industrial Engineering and Supply Chain management
4	Automotive Technology
5	Additive Manufacturing Technology
6	Electrical Engineering
7	Renewable Energy Systems
8	Smart Grid and Renewable Energy
9	Electronics Engineering

Table 11: Undergraduate Honours Programs

Sr. No.	Honours Programs
1	B. Tech. (Honours) Electronics and Computer Engineering (VLSI & Embedded Systems Design)
2	B. Tech. (Honours) Electronics and Computer Engineering (Artificial Intelligence & Machine Learning)
3	B. Tech. (Honours) Electronics and Computer Engineering (Data Science)
4	B. Tech. (Honours) Electrical and Computer Engineering (Power Systems Simulations)
5	B. Tech. (Honours) Electrical and Computer Engineering (Sensors and Robotics)
6	B. Tech. (Honours) Electrical and Computer Engineering (Electrical Vehicle)
7	B. Tech. (Honours) Computer Science and Engineering (Data Science)
8	B. Tech. (Honours) Computer Science and Engineering (Artificial Intelligence)
9	B. Tech. (Honours) Computer Science and Engineering (Cyber Security)
10	B. Tech. (Honours) Computer Science and Engineering (Digital Transformation)
11	B. Tech. (Honours) Information Technology (Data Science)
12	B. Tech. (Honours) Information Technology (Blockchain)
13	B. Tech. (Honours) Information Technology (AI and Robotics)
14	B. Tech. (Honours) Mechanical Engineering
15	B. Tech. (Honours) Mechanical Engineering (Robotics)
16	B. Tech. (Honours) Electronics and Telecommunication (VLSI & Embedded Systems Design)
17	B. Tech. (Honours) Electronics and Telecommunication (Artificial Intelligence & Machine Learning)
18	B. Tech. (Honours) Electronics and Telecommunication (Data Science)
19	B. Tech. (Honours) Electrical Engineering (Power Systems Simulations)
20	B. Tech. (Honours) Electrical Engineering (Sensors & Robotics)
21	B. Tech. (Honours) Electrical Engineering (Electrical Vehicle)

5.1.2 University Department of Information & Communication Technology

Established in the year 2021-22 to provide world-class education in advanced technologies, the University Department of Information & Communication Technology (UDICT) transforms students into futuristic technocrats by educating them in emerging technologies such as Artificial Intelligence (AI), Machine learning (ML), Internet of Things (IoT), Blockchain, Big Data Analytics. The academic program details are as below (Table 12):

Table 12: Academic programs started in 2021-22

Undergraduate Programs	Postgraduate Programs	PG Diploma Programs
B. Tech. (AI & ML)	M. Tech. (Geoinformatics)	PG Diploma (AI & ML)
B. Tech. IT		

5.1.3 Institute of Fire Safety Engineering: Undergraduate Program B Sc. (Fire & Safety)

It started in 2020-21 under MGM University. The main aim of this program is to boost data, skills and awareness among the scholars within the field of commercial safety, health and atmosphere, the possibilities of risks, injuries and accidents by implementing risk management techniques and safety management operations.

5.2 Faculty of Basic & Applied Sciences

5.2.1 Dr. G.Y. Pathrikar College of Computer Science & Information Technology

Dr. G.Y.P. College of CS & IT was established with an aim to empower the students of Marathwada and beyond with emerging technologies in 2001. Achieving a great success on the path, the College has produced scores of students who are placed in multinational companies in India and abroad. Re-accredited with NAAC 'A' Grade and ISO Certificate, the institution proudly hosts a FOSS and Resource Centre, IIT Bombay Spoken Tutorial for industry connect and technological advancement. The college offers UG, PG, Ph.D and Certificate programs in subjects like Computer Science, Information Technology, Digital Marketing, Animation, Data Science and Robotics.

Table 13: New academic programs started in 2021-22

Undergraduate Programs	Postgraduate Programs	Certificate Programs
B. Voc. (Robotics with IoT)	Ph. D. (Computer Science & IT)	Computer Hardware and Networking
BCA (Digital Marketing)		3D Animation
		Machine learning using Python programming
		Java programming
		web designing
		Android Application development
		PHP Programming
		User Experience (UX) design

Table 14: Academic program details 2021-22 (New and existing programs)

Undergraduate Programs	Postgraduate Programs	Ph. D. Programs	Certificate Programs
B. Voc. (Robotics with IoT)	M. Sc. (Computer Science)	Ph.D. (Computer Science & IT)	Computer Hardware and Networking
BCA (Digital Marketing)	M. Sc. (Information Technology)		3D Animation
B. Sc. (Computer Science)	M. Sc. (Animation)		Machine learning using Python programming
B. Sc. (Information Technology)	M. Sc. (Data Sci. Integrated)		Java programming
BCA (Science)	M. Sc. (Data Science)		web designing
B. Sc. (Animation)			Android Application development
			PHP Programming
			User Experience (UX) design

5.2.2 Institute of Biosciences & Technology

Since its inception in 2000, this institution is committed to prepare students to make meaningful contributions to society in an increasingly complex and changing world. With 20 years of academic, industry connect and research excellence, IBT collaborates with International and National Institutes to provide maximum benefits to students with a strong research, innovation and incubation eco-system.

Table 15: New academic programs started in 2021-22

Undergraduate Programs	Ph. D. Programs
B. Sc. (Hons) (Food Nutrition & Dietetics)	Ph. D. (Biotechnology)
B. Tech. (Cosmetics Technology)	Ph. D. (Plant Biotechnology)
	Ph. D. (Bioinformatics)
	Ph. D. (Plant Breeding & Molecular Genetics)
	Ph. D. (Food Technology)
	Ph. D. (Microbiology)

Table 16: Academic program details 2021-22 (New and existing programs)

Undergraduate Programs	Postgraduate Programs	Ph. D. Programs
B. Sc. (Hons) (Food Nutrition & Dietetics)	M. Sc. (Biotechnology)	Ph. D. (Biotechnology)
B. Tech. (Cosmetics Technology)	M. Sc. (Plant Biotechnology)	Ph. D. (Plant Biotechnology)
B. Sc. (Hons) (Biotechnology)	M. Sc. (Bioinformatics)	Ph. D. (Bioinformatics)
B. Sc. (Hons) (Bioinformatics)	M. Sc. (Plant Breeding & Molecular Genetics)	Ph. D. (Plant Breeding & . Molecular Genetics)
B. Sc. (Hons) (Microbiology)	M. Sc. (Industrial Microbiology)	Ph. D. (Food Technology)
B. Sc. (Hons) (Food Technology & Processing)	M. Sc. (Food Technology)	Ph. D. (Microbiology)

5.2.3 University Department of Basic & Applied Sciences

Focused on strengthening the foundation for science and technology, the University Department of Basic and Applied Sciences (UDBAS) was established in 2021. The department builds a strong foundation in many fundamental and crucial sciences, enabling the students to build a bright future in their area of interest. The Department offers B.Sc. and M.Sc. programs in Physics, Chemistry, Mathematics, Statistics, Forensic Science, Biophysics, Applied Geology and other subjects.

Table 17: Academic programs started in 2021-22

Undergraduate Programs	Postgraduate Programs	Ph. D. Programs
B. Sc. (Hons) (Physics)	M. Sc. (Physics)	Ph. D. (Physics)
B. Sc. (Hons) (Chemistry)	M. Sc. (Chemistry)	Ph. D. (Chemistry)
B. Sc. (Hons) (Mathematics)	M. Sc. (Mathematics)	Ph. D. (Mathematics)
B. Sc. (Hons) (Statistics)	M. Sc. (Statistics)	

5.3 Faculty of Management & Commerce

5.3.1 Institute of Management & Research

Honoured with the Platinum Category (Highest Category) in Industrial Collaboration in AICTE-CII Survey (2017-18), MGM Institute of Management and Research (IOMR) inherits an excellent placement record since its establishment in 1994. It is also well-known in the region for its modern teaching-learning practices, employment-oriented activities and value-based education. Strong connection and interaction with industry and experts from the field help provide the students with practical learning opportunities.

Table 18: New academic programs started in 2021-22

Undergraduate Programs	Postgraduate Programs	Ph. D. Programs
BBA Fin-Tech	Executive MBA	Ph. D. (Management Science)
	M. Com	

Table 19: Academic program details 2021-22 (New and existing programs)

Undergraduate Programs	Postgraduate Programs	Ph. D. Programs
BBA Fin-Tech	Executive MBA	Ph. D. (Management Science)
BBA	M. Com	
B. Com.	MBA	

5.3.2 Institute of Hotel Management

MGM Institute of Hotel Management (IHM) is one of the leading Hospitality Institute in Aurangabad, Maharashtra and has engraved a unique position for itself in the hospitality industry since its inception. The institution has its own Multi-Cuisine Restaurant, Bakery and Accommodation facility named The Salt, where the students get practical training and work experience of the industry. Many alumni of the institution have been placed in renowned hospitality groups.

Industrial training via tie-ups with prominent star-rated hotels, namely, Marriott Hotels, Taj Hotels, Accor Hotels are incorporated in the curriculum.

Table 20: New academic programs started in 2021-22

Post Graduate Programs
M. Sc. (Hotel Operations & Catering Services)

Table 21: Academic programs details 2021-22 (New and existing programs)

Undergraduate Programs	Postgraduate Programs	Diploma Programs	PG Diploma Programs
B. Sc. (Hotel Operations & Catering Services)	M. Sc. (Hotel Operations & Catering Services)	Hotel Operations	Hotel Operations
BBA (Aviation, Hospitality and Travel & Tourism Studies)		Aviation, Hospitality Management	Culinary Arts

5.4 Faculty of Social Sciences & Humanities

5.4.1 College of Journalism & Mass Communication

Established in 1993, MGM College of Journalism and Mass Communication (CJMC) is one of the first institutions in the region to offer formal education of journalism. CJMC is accredited with NAAC Grade "B+" and is also an ISO certified institute. The college shares a remarkable track-record of producing media professionals, anchored in ethical beliefs and practices. Keeping in pace with the contemporary media industry needs, the college has developed a variety of UG, PG, Diploma and Short-term programs in Journalism and Mass Communication. The college also offers programs in Film Arts under School of Film Arts and Photography under Department of Photography.

School of Film Arts is one of the most advanced film schools in India providing students with access to the 'State-of-the-Art' Film making facilities. School of Film Arts firmly believes that film is an art and every student of Film Arts needs to be groomed as an artist. Hence, alongside ultramodern facilities like film cameras, editing studios, sound recording studio and colour lab, it has also ensured top-notch mentoring for the students from experts in the filmmaking field and experienced actors and actresses. The School offers exclusive specializations in Screen Acting, Direction, Editing, Cinematography, VFX, Production Design and Art Direction, Screen Writing and Sound Design.

Department of Photography is persistently redefining the medium of photography by preparing them in a systematic and methodical way. Our renowned faculty and diverse curriculum encourage students for various experiments in their work.

Programs are designed in such a way that they cover the fundamentals of various genres of photography viz. portrait, landscapes, wild-life, table-top photography, nature, sports, photojournalism and so on. We offer a permutation of theory and practical classes to provide in-depth knowledge of Photography through the aesthetic and intellectual development of students.

Table 22: New academic programs started in 2021-22

Ph. D. Programs
Ph. D (Journalism & Mass Communication)

Table 23: Academic program details 2021-22 (New and existing programs)

Undergraduate Programs	**Postgraduate Programs**	**Ph. D. Programs**
BA (International Journalism & Mass communication MC)	MA (Mass Communication Journalism)	Ph. D. (Journalism & Mass Communication)
BA (Mass Communication Journalism)		
BA (Hons) Photography		
BA (Hons) Film Making		

5.4.2 College of Fine Arts

Situated in the MGM'S green, clean and eco-friendly campus, the College of Fine Arts (CoFA) has created its own mark in the field of fine arts. Established in 2007, the College has shaped the future of many talented students and produced several professional artists. The College offers a multitude of UG, PG and Certificate programs in fine arts including Applied Art, Interior Design, Painting, Ceramic and Pottery.

Table 24: New academic programs started in 2021-22

Postgraduate Programs	Certificate Programs
MFA (Applied Art)	Pottery and Ceramic

Table 25:Academic program details 2021-22 (New and existing programs)

Undergraduate Programs	Postgraduate Programs	Ph. D. Programs
BFA (Applied Art)	MFA (Applied Art)	Pottery and Ceramic
BFA (Interior Design)	MFA (Painting)	
BFA (Painting)	MFA (Interior Design)	
BFA (Ceramic & Pottery)		

5.4.3 Institute of Indian and Foreign Languages

Institute of Indian and Foreign Languages is one of the premiere Institutes in the region offering language courses and soft-skills training. Enhanced linguistic skills lead to improved personal and social life and ensure better job opportunities. The language programs enable students to pursue a successful career in diverse fields such as Mass Media and Journalism, Teaching, Research, Publishing, Hospitality, Civil Services, Writing, Translation, Content Development, Script Writing and Creative Writing.

Table 26: New academic programs started in 2021-22

Diploma Programs
Creative Writing in English
French
German
Urdu

Table 27: Academic program details 2021-22 (New and existing programs)

Undergraduate Programs	Postgraduate Programs	Diploma Programs	Certificate Programs
BA (Hons) (English)	MA (English)	Creative Writing in English	French
		French	German
		German	Sanskrit
		Urdu	Arabic

5.4.4 Institute of Fashion Designing

Institute of Fashion Design (IFD) is a unique institution which provides a complete design education package touching all major areas of design, art and craft culture without compromising on current design trends. The institute brings students closer to their roots and transforms them into ethical and responsible design professionals of future. It believes in solving approach, depth of intellect, creative education culture and in setting new standards in the field of design education.

IFD is the only Institute of its kind in Maharashtra which has a unique Khadi and Paithani research and manufacturing unit attached to it. From concept to creation and marketing of the products, students get a hands-on training of the complete production cycle of different kinds of apparels in the institute.

Table 28: Academic programs details in 2021-22

Undergraduate Programs	Postgraduate Programs	Certificate Programs
B. Des. (Fashion Design)	M. Des. (Fashion Design)	Fashion Design & Boutique Design
B. Des. (Textile Design)	M. Des. (Textile Design)	
	M. Des. (Fashion Management)	

5.4.5 Institute of Social Sciences

Institute of Social Sciences is one of the premiere institutes offering programs in Humanities and Social Sciences in order to cater the needs of students interested in these core fields and desire to serve the society by contributing in the welfare and development through academic pursuits. Unique in its structure, methods and goals, the Institute is strongly rooted in the philosophy of training, hands on experience and research that enhances the relationship between knowledge and its application. IoSS provides a congenial atmosphere for diligent academic advancements.

The Institute provides programs in Economics, Psychology, Social work, Library and information sciences, Gandhian studies, Education, Physical Education.

Table 29: New academic programs started in 2021-22

Undergraduate Programs	Postgraduate Programs
BA (Hons) Economics	MA (Gandhian Studies)
BA (Hons) Psychology	MA Philosophy
	MA Public Health
	MA Social Management

Table 30: Academic program details 2021-22 (New and existing programs)

Undergraduate Programs	Postgraduate Programs
BA (English)	Master of Social Work (MSW)
Bachelor of Physical Education	MA (Clinical Psychology)
BA Economics	Master of Library & Information Science
Bachelor of Social Work (BSW)	MA Economics (Sustainable Entrepreneurship)
BA Education	MA Economics (Strong Sustainability Research)
BA (Hons) Economics	MA (Physical Education)
BA (Hons) Psychology	MA (Education)
	MA (Gandhian Studies)
	MA Philosophy
	MA Public Health
	MA Social Management

5.5 Faculty of Performing Arts

Mahagami Gurukul Center for Performing Arts

'MAHAGAMI' Mahatma Gandhi Mission Sangeet Academy, is one of the premier Gurukuls in India, which offers intensive training in Kathak, Odissi, Manipuri, Musicology, Indology, Natyashastra, Theatre Arts and Sanskrit through the ancient GURUKUL culture of the Guru-Shishya Parampara. The only centre of its kind in Maharashtra state, MAHAGAMI is the first ISO certified art-organization in the world and a member of International Dance Council, UNESCO. MAHAGAMI is known as an important centre for promotion, research and dissemination of Indian art and culture apart from being recognised as a dedicated centre for training in Kathak and Odissi dance forms. Kathak and Odissi exponent. The academic program and teaching staff details are as below Tables:

Table 31: New academic programs started in 2021-22

Undergraduate Programs	Postgraduate Programs	Certificate Programs	Diploma Programs
BPA (Kathak)	MA (Musicology)	Foundation Certificate in Manipuri Dance	Natyashastra
BPA (Odissi)	MA (Indology)	Sanskrit Sambhashan	
	MPA Odissi		
	MPA Kathak		

Table 32:Academic program details 2021-22 (New and existing programs)

Undergraduate Programs	Postgraduate Programs	Certificate Programs	Diploma Programs
BPA (Kathak)	MA (Musicology)	Manipuri Dance	Natyashastra
BPA (Odissi)	MA (Indology)	Sanskrit Sambhashan	Kathak Dance
Certificate in Music	MPA Odissi	Kathak Dance	Odissi Dance
	MPA Kathak	Odissi Dance	Drupadh Music
		Music	

5.6 List of Ordinances approved

Table 33 : List of Ordinances made in the academic year 2021-22

Original or New With Year	Ordinance No.	Short Title or Subject	How repealed or amended by further Ordinances	Date of Coming into Force
2021	1 of 2021	Numbering, Citation and Titling of Ordinances and Draft Ordinances, Ordinance 2021.	NA (Not Applicable)	From the date of its approval by the Governing body i.e. 4/12/2021
2022	1 of 2022	Choice Based Credit System to conduct examinations in all faculties in the university Ordinance, 2022.	NA	From the Academic session 2019-20
2022	2 of 2022	Examinations leading to the Degree of Master of Business Administration (M.B.A.), Two year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022.	NA	From the Academic session 2020-21
2022	3 of 2022	Examinations leading to the Degree of Bachelor of Business Administration (B.B.A.), Three year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022.	NA	From the Academic session 2019-20
2022	4 of 2022	Examinations leading to the Degree of Bachelor of Commerce (B.COM.), Three year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2020-21
2022	5 of 2022	Examinations leading to the Degree of Bachelor of Business Administration (Aviation, Hospitality and Travel & Tourism Studies), B.B.A.(Aviation, Hospitality and Travel & Tourism Studies), Three year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022.	NA	From the Academic session 2020-21
2022	6 of 2022	Examinations leading to the Degree of Bachelor of Science (Hotel Operations & Catering Services B.Sc. (Hotel Operations & Catering Services), Three year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022.	NA	From the Academic session 2019-20
2022	7 of 2022	Examinations leading to the Degree of Master of Science (Hotel Operations & Catering Services), M.Sc. (Hotel Operations & Catering Services), Two year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2021-22

Original or New With Year	Ordinance No.	Short Title or Subject	How repealed or amended by further Ordinances	Date of Coming into Force
2022	8 of 2022	Examinations leading to the Post Degree Diploma Program in Hotel Operations (PDDPHO) and Post Degree Diploma Program in Culinary Arts (PDDPCA), One year post degree diploma programs, Semester Pattern, Choice Based Credit System, Ordinance 2022.	NA	From the Academic session 2020-21
2022	9 of 2022	Examinations leading to the Degree of Bachelor of Science (Hons.) B.Sc. (Hons.), Three-year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2021-22
2022	10 of 2022	Examinations leading to the Degree of Master of Science (M.Sc.), Two year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2021-22
2022	11 of 2022	Examinations leading to the Degree of Bachelor of Science (Hons.) B.Sc. (Hons.), Four year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2020-21
2022	6 of 2022	Examinations leading to the Degree of Bachelor of Science (Hotel Operations & Catering Services B.Sc. (Hotel Operations & Catering Services), Three year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022.	NA	From the Academic session 2019-20
2022	7 of 2022	Examinations leading to the Degree of Master of Science (Hotel Operations & Catering Services), M.Sc. (Hotel Operations & Catering Services), Two year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2021-22
2022	8 of 2022	Examinations leading to the Post Degree Diploma Program in Hotel Operations (PDDPHO) and Post Degree Diploma Program in Culinary Arts (PDDPCA), One year post degree diploma programs, Semester Pattern, Choice Based Credit System, Ordinance 2022.	NA	From the Academic session 2020-21
2022	9 of 2022	Examinations leading to the Degree of Bachelor of Science (Hons.) B.Sc. (Hons.), Three-year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2021-22

Original or New With Year	Ordinance No.	Short Title or Subject	How repealed or amended by further Ordinances	Date of Coming into Force
2022	10 of 2022	Examinations leading to the Degree of Master of Science (M.Sc.), Two year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2021-22
2022	11 of 2022	Examinations leading to the Degree of Bachelor of Science (Hons.) B.Sc. (Hons.), Four year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2020-21
2022	12 of 2022	Examinations leading to the Degree of Bachelor of Technology (Cosmetic Technology) B.Tech. (Cosmetic Technology), Four year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2020-21
2022	13 of 2022	Examinations leading to the Degree of Bachelor of Science (B.Sc.), Three year degree program, Semester Pattern, Choice Based Credit System in the Faculty of Basics and Applied Science, Ordinance 2022	NA	From the Academic session 2020-21
2022	14 of 2022	Examinations leading to the Degree of Bachelor of Computer Application (B.C.A.), Three year degree program, Semester Pattern, Choice Based Credit System in the Faculty of Basics and Applied Science, Ordinance 2022	NA	From the Academic session 2020-21
2022	15 of 2022	Examinations leading to the Degree of Bachelor of Science (Animation) B.Sc. (Animation), Three year degree program, Semester Pattern, Choice Based Credit System in the Faculty of Basics and Applied Science, Ordinance 2022	NA	From the Academic session 2020-21
2022	16 of 2022	Examinations leading to the Degree of Integrated Bachelor of Science- Master of Science (Data Science) (Integrated B. Sc.-M.Sc. (Data Science)), five year degree programme, Semester Pattern, Choice Based Credit Systemin the Faculty of Basics and Applied Science, Ordinance 2022	NA	From the Academic session 2020-21
2022	17 of 2022	Examinations leading to the Degree of Master of Science (Animation) M.Sc. (Animation), Two year degree program, Semester Pattern, Choice Based Credit System in the Faculty of Basics and Applied Science, Ordinance 2022	NA	From the Academic session 2020-21

Original or New With Year	Ordinance No.	Short Title or Subject	How repealed or amended by further Ordinances	Date of Coming into Force
2022	18 of 2022	Examinations leading to the Degree of Master of Science (Computer Science) M.Sc. (Computer Science), Two year degree program, Semester Pattern, Choice Based Credit System in the Faculty of Basics and Applied Science, Ordinance 2022	NA	From the Academic session 2020-21
2022	19 of 2022	Examinations leading to the Degree of Master of Science (Information Technology) M.Sc. (Information Technology), Two year degree program, Semester Pattern, Choice Based Credit System in the Faculty of Basics and Applied Science, Ordinance 2022	NA	From the Academic session 2020-21
2022	20 of 2022	Examinations leading to the Degree of Master of Science (Data Science) M.Sc. (Data Science), Two year degree program, Semester Pattern, Choice Based Credit System in the Faculty of Basics and Applied Science, Ordinance 2022	NA	From the Academic session 2020-21
2022	21 of 2022	Examinations leading to the Degree of Master of Arts (International Journalism) M.A. (I.J.), Two year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2019-20
2022	22 of 2022	Examinations leading to the Degree of Master of Arts (Mass communication and Journalism) M.A. (M.C.J.), Two year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2020-21
2022	23 of 2022	Examinations leading to the Degree of Bachelor of Arts (Mass communication and Journalism) B.A. (M.C.J.), Three year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2020-21
2022	24 of 2022	Examinations leading to the Degree of Bachelor of Arts (International Journalism & Mass Communication) B.A. (I.J. &.M.C.), Three year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2020-21
2022	25 of 2022	Examinations leading to the Degree of Bachelor of Arts (Hons) B.A. (Hons) Three-year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2019-20

Original or New With Year	Ordinance No.	Short Title or Subject	How repealed or amended by further Ordinances	Date of Coming into Force
2022	26 of 2022	Examinations leading to the Degree of Master of Library and Information Science (M.L.I.Sc.), Two year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2021-22
2022	27 of 2022	Examinations leading to the Degree of Master of Arts (M.A.), Two year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2020-21 for English and 2021-22 for remaining subjects
2022	28 of 2022	Examinations leading to the Degree of Bachelor of Fine Art (Interior Design) B.F.A. (Interior Design), Three year degree course, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2019-20
2022	29 of 2022	Examinations leading to the Degree of Bachelor of Fine Art (B.F.A.), Four year degree course, Semester Pattern, Choice Based Credit System, Ordinance 2022.	NA	From the Academic session 2020-21
2022	30 of 2022	Examinations leading to the Degree of Master of Fine Art (Interior Design) M.F.A. (Interior Design), Two year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022.	NA	From the Academic session 2019-20
2022	31 of 2022	Examinations leading to the Degree of Master of Fine Art (Painting) M.F.A. (Painting), Two year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022.	NA	From the Academic session 2019-20
2022	32 of 2022	Examinations leading to the Bachelor of Science (Fire & Safety) B.Sc. (Fire and Safety) Three Years Degree Programme, Semester Pattern, Choice Based Credit System, Ordinance 2022.	NA	From the Academic session 2020-21
2022	33 of 2022	Examinations leading to the Diploma in Fire and Safety Engineering Two Years Diploma Programme, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2020-21
2022	34 of 2022	Examinations leading to the Advance Diploma in Fire and Safety Engineering One Year Advance Diploma Programme, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2020-21
2022	35 of 2022	Examinations leading to the Degree of Bachelor of Technology (B.Tech.), Four year degree course, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2021-22

Original or New With Year	Ordinance No.	Short Title or Subject	How repealed or amended by further Ordinances	Date of Coming into Force
2022	36 of 2022	Examinations leading to the Degree of Master of Technology (M. Tech.), Two year degree programme, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2021-22
2022	37 of 2022	Post Graduate Diploma in Artificial Intelligence and Machine Learning (PGDAI&ML), one year degree course, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2021-22
2022	38 of 2022	Examinations leading to the Degree of Bachelor of Technology, (B.Tech.), Four year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2020-21
2022	39 of 2022	Examinations leading to the Degree of Master of Computer Applications (M.C.A.), Two year degree programme, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2020-21
2022	40 of 2022	Examinations leading to the Degree of Master of Architecture (M. Arch.), Two year degree programme, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2020-21
2022	41 of 2022	Examinations leading to the Degree of Bachelor of Architecture (B. Arch.), five year degree programme, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2020-21
2022	42 of 2022	Examinations leading to the Degree of Bachelor of Technology (B.Tech.), Four year degree programme, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2021-22
2022	43 of 2022	Examinations leading to the Degree of Bachelor of Technology (Hons.) B.Tech (Hons.), Four year degree programme, Semester Pattern, Choice Based Credit System, Ordinance2022	NA	From the Academic session 2021-22
2022	44 of 2022	Examinations leading to the Degree of Master of Science (M.Sc.), Two year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2019-20 for Bioinformatics and 2020-21 for remaining subjects
2022	45 of 2022	Examinations leading to the Degree of Bachelor of Technology (B.Tech.), Four year degree programme, Semester Pattern, Choice Based Credit System, Ordinance 2022.	NA	From the Academic session 2021-22

Original or New With Year	Ordinance No.	Short Title or Subject	How repealed or amended by further Ordinances	Date of Coming into Force
2022	46 of 2022	Examinations leading to the Degree of Master of Technology (M. Tech.), Two year degree programme, Semester Pattern, Choice Based Credit System, Ordinance 2022.	NA	From the Academic session 2020-21
2022	47 of 2022	Examinations leading to the Minor Degree programme, Semester Pattern, Credit System, Ordinance 2022	NA	From the Academic session 2021-22
2022	48 of 2022	Examinations leading to the Degree of Bachelor of Technology (Hons.) B.Tech. (Hons.), Four year degree programme, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2020-21
2022	49 of 2022	Examinations leading to the Degree of Bachelor of Arts (Hons) B.A. (Hons), Three year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2019-20 for Photography and 2020-21 for remaining subjects
2022	50 of 2022	Examinations leading to the Degree of Bachelor of Design (B. Design),Four year degree course, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2019-20 for Fashion Designing and 2020-21 for Textile Designing
2022	51 of 2022	Examinations leading to the Degree of Master of Design (M. Design), Two year degree program, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2020-21
2022	52 of 2022	Examinations leading to the Degree of Bachelor of Fine Art (Fashion Design) B.F.A. (Fashion Design),Three year degree course, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2019-20
2022	53 of 2022	Examinations leading to the Diploma in Film Making and the Diploma in Photography, One Year Diploma Programmes, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2019-20 for Film Making and 2020-21 for Photography
2022	54 of 2022	Examinations leading to the Degree of Bachelor of Performing Arts (B.P.A.) Kalaa-Vid, Four year degree programme, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2019-20
2022	55 of 2022	Examinations leading to the Degree of Master of Arts (Musicology) M.A. (Musicology), Two year degree programme, Semester Pattern, Choice Based Credit System, Ordinance 2022	NA	From the Academic session 2021-22

6. University Admissions

Admission to various programs offered by the University is made strictly on the basis of merit which is calculated from the score obtained by the student in the qualifying exam/entrance test. The admission process follows the procedure prescribed in the MGM University, Aurangabad Act and relevant rules. The students were admitted considering the scores for those students who qualified in the National level tests conducted by the government approved organizations wherever applicable.

6.1 Admission details

Table 34: Student Admissions for academic year 2021-22

Programs	Gender	Grand Total	No. of students from Maharashtra State	No. of students out of Maharashtra	% of students from Maharashtra State	% of students out of Maharashtra
Undergraduate Programs	Male	812	790	22	97.29%	2.71%
	Female	592	579	13	97.80%	2.20%
	Total	1404	1369	35	97.51%	2.49%
Postgraduate Programs	Male	287	272	15	94.77%	5.23%
	Female	237	232	5	97.89%	2.11%
	Total	524	504	20	96.18%	3.82%
Ph. D Programs	Male	136	46	0	100.00%	0.00%
	Female	111	20	0	100.00%	0.00%
	Total	247	66	0	100.00%	0.00%
Diploma Programs	Male	46	7	0	100.00%	0.00%
	Female	20	7	4	63.64%	36.36%
	Total	66	14	4	77.78%	22.22%
PG Diploma Programs	Male	07	134	2	98.53%	1.47%
	Female	11	111	0	100.00%	0.00%
	Total	18	245	2	99.19%	0.81%
Total		**2259**	**2198**	**61**	**97.30%**	**2.70%**

Table 35: Category Wise Student details 2021-22

Category	Male	Female	Total	% wise distribution
SC	80	54	134	5.93 %
ST	17	09	26	1.15 %
OBC	161	95	256	11.34 %
PH	01	00	01	0.04 %
General	938	767	1705	75.47 %
Others (VJNT, SEBC)	91	46	137	6.06 %
Total	**1288**	**971**	**2259**	

6.2 Student Assistance

MGM University provides financial assistance to students from a varied backgrounds. Merit-based scholarship is offered to the students who have performed well in their qualifying examinations. Students who are economically weak but meritorious are also offered financial support through scholarships and sponsorships. Students with special sporting talent are given scholarships to pursue their studies and sports. Children of farmers who have committed suicide are also given financial assistance. A special scholarship was declared by the University for Covid-19 affected families during the outbreak of the pandemic. A comprehensive policy has been designed in this regard.

Types of scholarships/fee concession provided to the students are as follows:

- Merit Scholarships
- Sports/ Athletics Merit Scholarship
- Alumni Scholarships
- Ph.D. Research Assistant Fellowship
- Post-Graduation Internship
- Hon'ble Chancellor's Scholarship
- Fee concession to ward of staff
- Fee concession to students affected by farmer suicide

Four wards of the farmers who committed suicide from Marathwada region, have been given free/heavily subsidized education in two constituent colleges (JNEC and IHM) of the University.

7. Accreditation -NAAC

Educational accreditation and affiliations requires institutes to maintain high standards, which boosts accountability and helps build trust in the college or university. The accredited Colleges and Institutes of MGM University signifies the quality educational standards maintained. This enables students to make an informed decision and they can gauge the level of excellence and commitment of an accredited college.

- **NAAC Accreditations**

Table 36: Accreditation details

Sr. No.	Conducted Colleges/Institutes of MGM University, Aurangabad	Period	Grade	CGPA
1	Jawaharlal Nehru Engineering College	27 Nov 2017 to 26 Nov 2022	A	3.25
2	Institute of Management & Research	11 Mar 2020 to 11 Mar 2025	B+	2.74
3	Dr. G. Y. Pathrikar College of Computer Science and IT	30 Oct 2017 to 29 Oct 2022	A	3.08
4	College of Journalism and Mass Communication	27 Nov 2017 to 26 Nov 2022	B+	2.67

- **Affiliations**
  - Jawaharlal Nehru Engineering College: Extension of Approval from AICTE and COA
  - Institute of Management and Research: Extension of Approval from AICTE
  - Mahagami Gurukul: Member of UNESCO - International Dance Council

- **Certifications**
  - Jawaharlal Nehru Engineering College: ISO 9001:2015 and ISO 14001:2015
  - Dr. GY Pathrikar College of Computer Science & Engineering: ISO 9001:2015 and ISO 14001:2015
  - College of Journalism & Mass Communication: ISO 9001-2015
  - Institute of Biosciences & Technology: ISO 9001:2015 & 14064:2006
  - Institute of Hotel Management: ISO 9001 : 2015 and ISO 14001 : 2015
  - Institute of Management & Research: ISO 9001:2015 & 14064:2006

8. Examination

Examinations conducted in the year 2021-22 and its results have been reviewed in subsequent paras.

1. Exams and Review of the Result of First Term - AY: 2021-22:

Outbreak of COVID-19 in March 2020 delayed most of the academic activities in the year 2020-21. Waves after waves of the pandemic upset the entire admission process even in the year 2021-22. Commencement of teaching period had to be staggered due to the delay in exams. Start and end dates of the first term in the University in AY 2021-22 have been tabulated below (Table 37):

Table 37: University winter examination schedule for the Academic Year 2021-22

Sr. No.	Batch (Semester)	Schedule of the Examination	
		Theory Exam	Practical Exam
a	2019-20 (5th Sem)	17 Dec-03 Jan. 22	09 -16 Dec. 2021
b	2020-21 (3rd Sem)	17 Dec 21-03 Jan. 22	04 -10 Jan. 2022
	2021-22 (3rd Sem)	25 Jan -02 Feb. 2022	17-24 Jan. 2022
c	(F/O Engg & Tech) Online proctored files answer books 2021- 22 (1st Sem)	24 Feb-03 Mar. 2022	17-22 Feb. 2022

2. Scrutiny by the Students and Revaluation Processes.

Number of cases of scrutiny of the answer books by the students and revaluation after the First Term Exam AY 2021-22 as given below (Table 38):

Table 38: University examination revaluation details for the Academic Year 2021-22

Sr. No.	Name of the College/Institute/Department	Number of Cases	
		For Student Scrutiny	For Revaluation
a	Jawaharlal Nehru Engineering College	296	145
b	Institute of Management & Research	171	64
c	Dr. G.Y. Pathrikar College of CS & IT	146	07
d	Institute of Bio-science & Technology	74	10
e	College of Journalism and Mass-Communication	02	02

3. Due to the time differential in the commencement of teaching and the exams of the first term, the commencement of the second term of AY 2021-22 could not be done simultaneously. This had a cascading effect on the conduct of the exams. The Start and end dates of the Second Term in AY 2021-22 are tabulated below (Table 39):

Table 39: University summer examination schedule for the Academic Year 2021-22

Sr. No.	Batch (Semester)	Schedule of the Examination	
		Theory Exam	Practical Exam
a	2019-20 (6th Sem)	05-12 May 2022	16-26 May 2022
b	2020-21 (4th Sem) (All Faculties except F/o Engg & Tech)	18-26 May 2022	05-16 May 2022
	4th Sem F/o Engg & Technology	24-31 May 2022	02-15 Jun 2022
	2021-22 (2nd Sem Exam)	24 Feb-03 Mar 2022	23 Jun -04 Jul2022
c	2021-22 (2nd Sem)	23 Jun- 04 Jul 2022	06 -11 Jul 2022
		04 Mar 2022	22 Jun 2022

4. Supplementary and Special Supplementary (Supl) Exam (AY 2021-22):

As per the provision of the Ordinance of conduct of Exams in MGM University, a supplementary exam is held after every even semester. In addition to the normal supplementary exam, a special supplementary exam was conducted on the request of the students of 2020-21 batch in order to give them one more chance to clear their backlog exams of their first and second semesters. The supplementary and special supplementary exams were conducted on the dates as mentioned in the given below (Table 40):

Table 40: University supplementary examination schedule for the Academic Year 2021-22

Sr. No.	Batch (Semester)	Schedule of the Examination	
		Theory Exam	Practical Exam
a	2019-20 and 2020-21 (6th & 4th Sem supl Exams of all faculties except F/o Engg & Tech)	17-25 Aug 2022	30 Aug- 04 Sep 2022
b	2020-21 (4th Sem Supl Exam) (F/O Engg & Tech)	22-29 Aug 2022	30 Aug-04 Sep 2022
c	2021-22 (2nd Sem Supl Exam)	20-27 Sep 2022	29 Sep-04 Oct 2022
d	2021-22 (1st & 2nd Sem Special Supl Exam of 2020-21)	20-27 Sep 2022	29 Sep-04 Oct 2022

5. Overall Result of the University:

Overall result of all the College/Institute/Departments of the University in First and Second Terms of AY 2021-22 is as given in the table below (Table 41):

Table 41: University examination result

Batch	Semester	No. of Students Appeared in the Examination	No. of Students Passed	Pass (%)
2021-22	1st	1912	962	50.31
	2nd	1792	1061	59.2
2020-21	3rd	1178	791	67.14
	4th	1153	662	57.41
2019-20	5th	165	126	76.36
	6th	163	137	84.04

Overall a total of 3708 students appeared in the exams in both the terms in the academic year 2021-22 out of which a total of 2023 students passed the exams. Overall passing percentage of the University in AY 2021-22 was 54.55%.

9. Student Activities

Student activities support the goal of making students responsible and give them opportunities that developes character, critical thinking, problem-solving, team building, and leadership skills. Extra curricular and co-curricular activities such as seminars/webinars/workshops/guest lectures/ training programs, skill development activities are conducted for holistic development of students. The details of activiteis conduced are as tabulated below (Table 42):

Table 42: Details of Extra-curricular and co-curricular activities

Sr. No.	Activity Details	Date of Activity	Type of Activity	Partici-pants
College/Institute/Department: Institute of Management and Research				
1	"Build Your LinkedIn Profile"	02/07/2021	Lecture talk	120
2	Digital Marketing: The big picture & career scope : Dr. Paul	09/07/2021	Lecture talk	96
3	Marketing Mix and life of a Marketing Manager: Dr. Paul	16/07/2021		96
4	E commerce & Digital Platform affiliate and strategic partnership: Mr. Balasingh Chouhan	23/07/2021		96
5	Gandhian Philosophy and Gandhain Thoughts: Dr. Mark Lindley	30/07/2021	Lecture talk	UG Students
6	Gandhian Philosophy and Gandhain Thoughts: Dr. Mark Lindley	06/08/2021	Lecture talk	PG Students
7	Trends in Retail Industry: Mr.Akshay Jadhav	13/08/2021	Lecture talk	PG Students
8	Group Discussion activity (MBA II)	20/08/2021	Lecture talk	PG Students
9	Marketing Mix & the life of Marketing Manager Part-2: Dr. Paul	27/08/2021	Lecture talk	PG Students
10	Indian Economy after Pandemic : Challenges and Opportunities : Dr. Desarda	03/09/2021	Lecture talk	PG Students
12	Guest Lecture: Industry Expectations by Dr. Asmita Joshi	17/09/2021	Lecture talk	110
13	Guest Lecture: “A Millionaire Mind” by Mr. Deepak Bhingardev	24/09/2021	Lecture talk	90
14	Prabhandhan : Poster competition and symposium	01/10/2021	Poster Making Competition	UG Students
15	Business Plan : A Promotion Campaign and Presentation Activity	08/10/2021	Lecture talk	PG Students
16	Vyaktimatva: Success Stories of influential leaders	15/10/2021	Lecture talk	UG Students
17	Budget Discussion : Arthsankalp 2022 Yuva shakticha Vichar	05/11/2021	Group Discussion	10
18	Blood Donation Camp	12/11/2021	Blood donation drive	120
19	Anveshan Event: Student Research Convention, AIU Intercollegiate Research competition for students	10/02/2022	Research competition	MBA Student Teams
20	IPR Awareness Session	18/02/2022	Lecture talk	130

Sr. No.	Activity Details	Date of Activity	Type of A ctivity	Partici-pants
21	Guest Lecture : Psychology by Dr. Surekha Marathe	04/03/2022	Lecture talk	110
22	Campus to Corporate - A journey of Passion and Hard work : Mr. Ram Marlapalle	11/03/2022	Lecture talk	135
23	Investment Awareness Program - A NSDL initiative	18/03/2022	Lecture talk	70
24	Guest Lecture : Corporate Ettiquettes	25/03/2022	Lecture talk	120
25	FinTech as a Career Opportunity	01/04/2022	Lecture talk	80
26	Vyavsay Mela: Reflections of the Unorganized Sector of Aurangabad	08/04/2022	Lecture talk	UG & PG Students
27	Vasudhaiv Kutumbakam	15/04/2022	Lecture talk	UG Students
28	CMIA International Business Challenge	29/04/2022	Competition	1 team
29	Old Age home visit	06/05/2022	Social Activity	50
30	CII Industry Academia Road Safety and Defensive driving training	13/05/2022	Lecture talk	110
College/Institute/Department: Institute of Hotel Management				
1	Blood donation camp	05/02/2022	An NSS activity to donate blood	23
2	Anveshan- a National level research competition organized by AIU – Participation at phase-I	10/02/2022	Intercollegiate Research competition	03
3	Italian cookery work shop - Organized by food production department of the institute	04/03/2022	Cookery workshop	19
4	Mexican cuisine cookery work shop - Organized by food production department of the institute	04/03/2022	Cookery workshop	17
5	Memory techniques - A lecture talk organized by Eon Vertex, Aurangabad	23/03/2022	Lecture talk	78
6	Paper bag making competition - The event was organized by housekeeping department of the institute where the basic idea was best out of waste	16/04/2022	Intercollegiate Housekeeping Competition	24
7	Front office Competition - An intra-collegiate competition where the students did a role play and participated in the competition.	20/04/2022	Intercollegiate Front Office Competition	37
8	Everest Better Kitchen Culinary Challenge - A culinary challenge for the budding chefs organized by Everest Masalas in coordination with D.Y. Patil IHM, Pune	25/04/2022	Intercollegiate Culinary Competition	7
9	Aviation Exhibition - an avenue where the students of BBA Aviation exhibited various models and others as-pects related to airlines and airport management	30/04/2022	Exhibition of Models on avia-tion industry	17
10	Concept of Cloud Kitchen - A Webinar organized by the Food production department of the institute	20/05/2022	Webinar	97
11	Fire Fighting and body burn emergencies handling training for the students by MGM Fire Safety department	28/05/2022	Short Term Training Program	47
12	World food Safety Day - A Guest Lecture was organized where Mr. Sudarshan Potbhare - ISCKON Annamitra Foundation, Aurangabad	07/06/2022	Lecture Talk	115

Sr. No.	Activity Details	Date of Activity	Type of Activity	Partici-pants
13	Master Chef Aurangabad - A culinary competition judged by Celebrity Chef Vishnu Manohar	09/06/2022	Culinary Competition	13
14	World Environment Day Celebrations	10/06/2022	Tree plantation along with lecture talk	79
College/Institute/Department: Institute of Fashion Design				
1	Millionaire Mind - A lecture talk on Entrepreneurial Skills by Mr. Deepak Bhingardeo - Head Centre for Entrepreneurial Development, MGM University	14/09/2021	Lecture talk	40
2	Fashion Marketing Essentials - A lecture talk by Mr. Debashis Paul	15/09/2021	Lecture talk	38
3	Faux Calligraphy Workshop - A workshop by Ms. Amber Khan - Calligraphy expert from Dubai	16/09/2021	Lecture talk	38
4	Saree Draping Workshop - a workshop for the budding fashion designing students on new styles of saree draping	16/09/2021	Workshop	40
5	Decoupage Art - A lecture talk on innovative technique to repurpose the old containers and make a decorative item by Mr. Sujit Gulve, Faculty, Institute of Fashion Design, MGM University	17/09/2021	Lecture talk	39
6	Self Care Grooming - A lecture talk on self care, grooming and makeup by Ms. Neetu Shinde - Founder, Delnaz Salon and Academy	20/09/2021	Lecture talk	40
7	Introduction to Fashion Industry - A lecture talk by Mr. Chetan Dikkar, Faculty, Institute of Fashion Design, MGM University	20/09/2021	Lecture talk	41
8	Introduction of Exhibition Display - A lecture talk by Mr. Vivek Tetwilar, Asst. Profesor, Rachna Sansad College of Applied Arts and Craft, Mumbai	21/09/2021	Lecture talk	38
9	T-shirt painting workshop - conducted by Ms. Asma Minhaj, Faculty, Institute of Fashion Design, MGM University	21/09/2021	Workshop	35
10	Miniature Dressform Making - A lecture talk by Mr. Chetana Dikkar, Faculty, Institute of Fashion Design, MGM University	22/09/2021	Workshop	39
11	Anveshan- a National level research competition organized by AIU – Participation at phase-I	10/02/2022	Intercollegiate Research competition for students	05
College/Institute/Department: College of Journalism and Mass Communication				
1	Introduction to Television Journalism by Mr. Sameeran Valvekar, Sr. Journalist	05/07/2021	Lecture talk	38
2	Changing Parameters in reporting by Mr. Vijay Satokar, Sr. Journalist	06/07/2021	Lecture talk	40
3	Importance In analysis In Journalism by Mr. Hemant Desai, Sr. Journalist and Prof. Jaidev Dole	08/07/2021	Lecture talk	37

Sr. No.	Activity Details	Date of Activity	Type of Activity	Partici-pants
4	Journalism in Capital: Politics by Mr. Venktesh Kesari, Sr. Journalist	09/07/2021	Lecture talk	31
5	Indo Pak Relations and role of Journalism by Mr. Arvind Gokhale, Sr. Journalist	12/07/2021	Lecture talk	30
6	Digital Journalism Content and monetisation by Mr. Nilesh Khare, Sr. Journalist	13/07/2021	Lecture talk	40
7	Digital Media Scope And Career by Mr. Rajendra Sathe, Sr. Journalist	14/07/2021	Lecture talk	32
8	Kashmir after 370 And role of Journalist by Mr. Jatin Desai, Sr. Journalist	15/07/2021	Lecture talk	37
9	Writing For News Portals by Mr. Siddesh Sawant, Sr. Journalist	17/07/2021	Lecture talk	38
10	Role of press in Governance by Dr. Dilip Pandharpatte, IAS, DGIPR	04/08/2021	Lecture talk	41
11	Woman's Political Representation and role in media by Ms. Pragati Bankhele, Sr. Journalist	30/08/2021	Lecture talk	42
12	Social Issues And Journalism by Mr. Mangal Khivansara, Sr. Journalist	01/09/2021	Lecture talk	37
13	Editing Of Supplements, Ms. Shubhada Chaukar, Sr. Journalist	03/09/2021	Lecture talk	35
14	Civic issues, Administration and Journalism' by Ms. Pratima Joshi, Sr. Journalist	06/09/2021	Lecture talk	36
15	Challenges in New Media by Ms. Sarita Kaushik, Sr. Journalist, ABP Majha	08/09/2021	Lecture talk	39
16	environmental Science by Ms. Nivedita Khandekar, Sr. Journalist	09/11/2021	Lecture talk	41
17	Trell Inturns by Tarini Shah and Maksud Khan	15/09/2021	Lecture talk	43
18	Wikimedia Commons & Wiki Loves Monuments 2021 by Mr. Subodh Kulkarni, Wikimedia	24/09/2021	Lecture talk	34
19	Open Talk With Mr. Makarand Deshpande, renowned Actor	05/10/2021	Lecture talk	32
20	Guardians of Truth: Work of Maria Ressa and Dmitry Muratov by Prof. Abhishek Bhosle	16-10-21	Lecture talk	38
21	National Press day by Mr. Hemant Desai, Sr Journalist and Prof. Jaidev Dole	16-11-21	Lecture talk	33
22	Special Talk with Two Writer Speaker-Ramesh Rawalkar, Writer and Sandip Deshpande	25/11/2021	Lecture talk	32
23	challenges in Journalism by Mr. Shridhar Loni, Journalist	09-12-21	Lecture talk	34
24	Photojournalism by Padmashree Mr. Sudharak Olwe, Journalist	20-12-21	Lecture talk	36
25	Darpan din- Speaker- K. G. Suresh, Prashant Pawar, Pravin Bardapurkar	06-01-22	Lecture talk	38
26	Decoding Budget-2022 Financial Expert: Mr. Mukund Kulkarni	03/02/2022	Lecture talk	32

Sr. No.	Activity Details	Date of Activity	Type of Activity	Partici-pants
27	Special Talk about the book 'Bhura' Speaker Prof. Sharad Bawiskar, JNU	05-03-22	Lecture talk	38
28	Interpretation of Five States Election - Uttar Pradesh Mr. Sanjay Miskin	14-03-22	Lecture talk	39
29	Interpretation of Five States Election - Punjab and Manipur Mr. Sunil Tambe	15-03-22	Lecture talk	40
30	A special Magazine supplement was published by students of BA (MCJ) on Five States Elections	16-03-22	Magazine Publication	34
31	The Movie Kashmir Files & Its impact by Mr. Niranjan Takle	21-03-22	Lecture talk	42
College/Institute/Department: Institute of Biosciences and Technology				
1	Diabetes risk assessment camp	16/11/2021	Workshop / Camp	100
2	National voters awareness camp	25/01/2022	Workshop / Camp	40
3	Anveshan- a National level research competition organized by AIU – Participation at phase-I	10/02/2022	Intercollegiate Research competition for students	04
4	Save soil session for students	30/04/2022	Lecture Talk	200
5	Blood donation camp	21/05/2022	Blood donation drive	27
College/Institute/Department: College of Fine Arts				
1	Conservation of Heritage	07/08/2021	Lecture Talk	UG Students
2	Understanding the nature with lines and colours	13/07/2021	Lecture Talk	UG Students
3	Ganpati making	08/08/2021	Workshop	UG Students
4	Installation with raw materials	20/12/2021	Exhibition	UG Students
5	Annual Exhibition	20/12/2021	Exhibition	UG Students
College/Institute/Department: Dr. G Y Pathrikar College of Computer Science and Information Technology				
1	Career opportunities in data science	14/7/2021	Lecture Talk	222
2	Entrepreneurship as a career choice	23/6/2021	Workshop	102
3	Alumni Guidance session on full-stack development	3/7/2021	Lecture Talk	172
4	VFX & Foundation of Arts workshop	8 /2/ 2021	Workshop	152
5	Entrepreneurship Development	8 /3/ 2022	Lecture Talk	221
6	Essay competition	28 /2/ 2022	Intercollegiate Competition	18
7	Blood donation camp	22 /11/ 2021	Blood donation drive	22
8	3D Basics,3D Modelling,VFX,& career opportunities	8 & 9/1/2021	Lecture Talk	32
9	Guidelines for technical &HR interview	19 /1/ 2021	Lecture Talk	52
10	Success tips for students	10 /6/ 2021	Lecture Talk	102
11	Entrepreneurship as a career choice	25 /5/ 2021	Lecture Talk	150
12	Full stack development	3 /7/ 2021	Lecture Talk	98

Sr. No.	Activity Details	Date of Activity	Type of Activity	Partici-pants
13	Deep Dive into patenting process	21/10/2021	Lecture Talk	122
14	Webinar on Global Career Opportunities	1 /12/ 2021	Webinar	111
College/Institute/Department: Jawaharlal Nehru Engineering College				
Applied Science				
1	Blood Donation Camp	31/03/2022	Blood donation drive	89
2	An introductory session on Vipassana	27/12/2021 to 01/01/2022	Lecture talk	242
3	Seminar on Power of Habits	09 to 11/12/2021	Lecture talk	34
4	Sahaj Yoga Meditation Workshop	21/12/2021	Workshop	47
5	Poster presentation competition on the occasion of National Mathematics Day	22/12/2021	Intercollegiate Competition	242
6	Project exhibition of Engineering Physics Course	28/02/2022	Exhibition	242
Department of Civil Engineering				
7	Blood donation Camp	31/03/2022	Blood donation drive	46
8	Group Discussion	22/10 to 19/11/2021	Pre-Placement preparation	All TY & B.Tech
9	World Water Day 2022 a joint event was organized by MGM's JNEC and IEI, Aurangabad Dr. Regulwar addressed the audience on topic "Fuzzy Logic & Genetics Algorithms Applications to Water Resource Management"	22/03/2022	Lecture talk	All TY & B.Tech
Department of Computer Science and Engineering				
10	Web Application Development" by Mr. Yogesh Tayade	29/04/2022	Lecture talk	All SY CSE
11	Breast Cancer awareness program	28/10/2021	Lecture talk	SY & TY CSE (Girls)
Department of Electrical and Computer Engineering				
12	Industrial Visit at MIDC Waluj	10/11/2021	Industrial Visit	13
Department of Information Technology				
13	Discussion Forum on Journey of Universal Human Value Schedule	28/08/2021	Lecture talk	124
14	C Language Workshop	27/10/2021	Workshop	SY -IT / AIML
15	Three days workshop under Infosys Springboard	8 to 10 /10/ 2021	Workshop	BTech-IT
Department of Mechanical Engineering				
16	Work study and work management" by Mr. Chittaranjan Kabi	28/10/21	Guest lecture	70
17	3 days technical Workshop "Technohance" Day1: Expert talk on leadership and team work by Ms. Deepti Talnikar, Founder, Professional Training Solutions	18/12/21	3 days technical Workshop "Technohance"	145

Sr. No.	Activity Details	Date of Activity	Type of Activity	Partici-pants
	Day2 : Panel discussion on "challenges to entrepreneurship past, present and Future by Mr. Ashwin Pawade (Co-Founder and Lead S4S technologies), Mr. Rahul Swami (Director, Shrusthi Vishwa Constructions), Mr. Salil Bangale (CEO, Fintech Engineers, Mr. Yash Maheshwari (Director, Yash Packaging paper Pvt ltd), Mr. Kedar Munshi(Director Geneka Technologies Pvt Ltd)	19/12/21	3 days technical Workshop "Technohance"	138
	Day 3:Technical Session on" Finding resesrch career goals and leaving a career by choice not by chance" Mr. Sushrut Karmarkar. (Research Scholar , Purdue University, USA) Mr. Antariksha Mutha, Data Scientist, Ford Motor company, USA	20/12/21		134
18	Foundation Day and Expert Talk on "Evolution of IE and its role in development of industries"	10/1/22	Online webinar	140
19	Innovative Idea Presentation competition-" Innovita"	31/1/22	Online webinar	60
20	Memory techniques - A lecture talk organized by Eon Vertex, Aurangabad	29/4/22	Presentation competition	12

Student Activities 2021-22

Road Safety & Defensive Driving Training

Visit to Old Age Home

Anveshan 2022

Decoupage Workshop

Inauguration of Triathlon Workshop

Student Activities 2021-22

CJMC - Darpan Din

Mr. Makrand Deshpande, Marathi Film Actor, at CJMC

Darpan Din

Lecture Talk on Decoding Budget

Mock Parliment

Padmashree Mr. Sudharak Olwe, Photo Journalist

Cannon Workshop, Photography

Nikon Workshop Photography

American Theme Lunch

Barista Visit

Student Activities 2021-22

Culinary Competition - Chef Vishnu Manohar

Workshop on Chocolate Craft

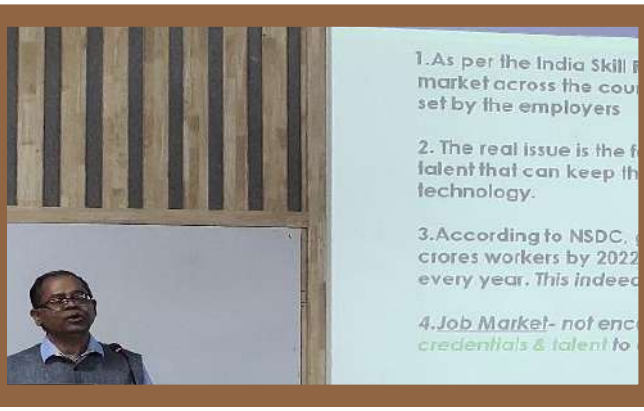
Fire Fighting & Body Burn Emergencies Handling Training

3 Days Technical Workshop "Technohance"

World Food Day

Environment Day Celebration

Blood Donation Camp



Guest Lecture on campus to Corporate by Mr. Ram Marlapalle, Mentor & Advisor, Endurance Group

9.1 Anveshan - 2021-22 Competition

The first round of 'Anveshan' Competition based on research and innovative projects of students was organized at MGM University in collaboration with Association of Indian Universities (AIU) on 10th Feb. 2022.

AIU organizes this competition in two rounds. In the first round of poster presentation, the best five projects are selected from among the projects submitted by the students of various colleges at the university level. In the second round, five best projects are selected from all the universities.The competition includes innovative projects from a wide range of fields such as science, agriculture, basic and applied sciences, engineering and technology, health sciences, social sciences, commerce etc. It is an excellent platform for students to present their most innovative ideas which hold the potential to be converted into promising startups. In fact, many of the previously presented projects have been successfully turned into businesses.

The second round involved power point presentation followed by a demonstration. It was held on 27th & 28th March 2022 at Bangalore. A total of 4 teams of MGM University students were selected for the second round. Though they couldn't win prizes in the second round, they had an outstanding learning experience and exposure to the competitive atmosphere.

A total of 120 project groups comprising 220 students from 44 universities from across the country participated in the second round of the competition.

Student Activities Anveshan 2021-22

9.2 Sports Activities

Following sports activities were undertaken at MGM University during the academic year 2021-22.

- International Yoga Day 21st June 2021: The 7th International Yoga Day was celebrated with great enthusiasm and fervour at MGM Universities. The event was inaugurated by Shri Ankushrao Kadam, Hon. Chancellor of MGM University and was attended by a large number of students and teachers.
- National Sports Day: On the occasion of the National Sports Day, celebrated on the birthday of hockey wizard Major Dhyanchand on 29th August 2021, MGM Sports Department felicitated 60 international and national players of MGM University and its constituent colleges.
- MGM Inter Collegiate Selection Trials conducted at MGM University for the following sports: Basketball, Kabbadi, Kho-Kho, Cricket, Fencing, Table Tennis, Soft Tennis, Volleyball, Athletics, Chess, Gymnastic, Cycling, Judo, Boxing, Karrate and Football
- All India University Fencing Championship: Anuj Dhawale participated in All India Fencing Championship from MGM University and ranked the 35th position in the fencing Championship.
- MGM Olympic: The 6th MGM Olympic Games, organized by MGM University and the MGM Institute with the aim of producing international and Olympic athletes, were held from 1st to 3rd December 2021, with competitions in a total of 14 sports. Also, a total of 600 players from different universities and institutes participated in this competition.

All India Inter – University Soft Tennis Tournament (M/W): MGM University hosted the AIU-All India Inter-University Soft-Tennis (Men and Women) Tournament - 2021-22 from 1st to 5th March 2022. Total 21universities from all over India participated with their teams in the event. Organized by the Association of Indian Universities, New Delhi, the tournament was held at MGM Sports Club on the University campus.

Table 43: AIU-All India Inter-University Tournaments

Sr. No.	Player Name/ Team	College Name	State/ National/ AIU	Sports Event	Date	Place	Rank
1	Anuj Dhawle	GYPCCSIT	AIU Fencing Championship	Fencing	5 to 9 January 2022	Amritsar (Punjab)	Participation
2	Prashant Kendre	GYPCCSIT	AIU Soft Ball Championship	Soft Ball	24 to 28 March 2022	Guntur (Andhrapradesh)	Participation
3	Rugved Joshi	CJMC	Aerobics Gymnastic World Championship	Aerobics Gymnastic	16 to 18 June 2022	Portugal	Participation
4	Sakshi Dongre	Psychology	Aerobics Gymnastic World Championship	Aerobics Gymnastic	16 to 18 June 2022	Portugal	Participation
5	Sakshi Dongre	Psychology	Asian Championship	Aerobics Gymnastic	3 to 5 September 2022	Thailand	Participation
6	MGM Soft tennis Team Men/ Women	University	All India Soft Tennis Tournament	Soft Tennis	1 to 5 March 2022	Aurangabad Maharshtra	Participation
7	Saurabh Patil Vyankatesh Auti Harshal Shinde Janvi Shinde	IBT	State Level Soft Tennis Championship	Soft Tennis	7 to 9 January 2022	Jalagaon Maharshtra	1st Place

Sports Activities Anveshan 2021-22

10. Student Achievements and Awards

Jawaharlal Nehru Engineering College

- Saiprasad Balaji Mudhe, B.Tech Electrical Engineering secured the 2nd prize in Paper Presentation Competition at "CMIA's Energy Conclave 2022" held between 29th and 30th April 2022.
- A team 2nd year students from Electronics & Computer Engineeirng won the first prize for "Coffee Making Machine" at Sandeep University under the IEEE workshop on hands on Embedded System and IOT.
- JNEC Alumni Association's "Parivartan Puraskar" initiated in recognition of the outstanding contribution of Prof. Pratap Borade (First Principal, JNEC) to the institution, was given to the following students:
    - Kunal Jagtap (B.Tech. ECT) was awarded the Student of the Year award, "Shishyottam Puraskar" for the academic year 2021-22.
    - Vaishnavi Sanjay Lodwal (B.Tech.-S.Y.) was awarded the "Parivartan Puraskar" for the academic year 2021-22.
    - Sumeet Waykos (B.Arch.) was awarded the Student of the Year award.

College of Fine Arts

Students of College of Fine Arts were selected to participate in the Monsoon Exhibition at Jehangir Art Gallery, Mumbai

Institute of Fashion Design

Students of Institute of Fashion Design won the First Prize in Pragyaa Fashion Show 2022

College of Journalism and Mass Communication

- Siddhi Mahatole (BA-International Journalism) has been selected as a finalist for 2021-22 Global UGRAD program.
- Vaishnavi Raut won the State Level Best Speaker Award 2021 by Yuvak Biradari
- Apurva Khairnar (Final Year topper, B.A. International Journalism & Mass Communication) was rewarded with the Mangala Vinchurne Bardapurkar Award in collaboration with MGM University in the presence of Mr. Praveen Bardapurkar (Sr. Editor) and Mr. Rajeev Khandekar (Executive Editor, ABP Maza).
- Kiran Gite (BA International Journalism & Mass Communication) and Rushikesh Khandale won the first and second prize respectively from among 3000 participantsin the Yuva Bhushan Competition by Yuvak Biradari and V.S. Page Parliamentary Training Institute at Vidhan Bhawan, Mumbai.
- 25 students of CJMC won first position at the state level 'YOUTH MOCK PARLIAMENT' organised by Yuvak Biradari and V.S. Paga Parliamentary Training Institute at Aurangabad.
- Nishant Pawar (Film Arts) won the 2021 and Athira Manikandan and Suraj Patke won 2022 State Level Best Parliamentarian award by Yuvak Biradari.
- Abhijeet Garad has got Second Position in Manali MTB Fest 2021 (International Award in downhill mountain walking) and Second Position Indian National Downhill Championship 2021
- Rugved Joshi (MA MCJ), Won Gold Medal in Gymnastics National Championship, Bengluru
- Yuvraj Patange (BA MCJ), Won Silver Medal in 400 mt. running competition in MGM Olympics 2021
- Ankush Nahata (MA MCJ), Ashay Yedge (BA IJ) Won Gold medal in Quiz competition in MGM Olympic 2021
- Kartik Bharad and Rushikesh More won silver medal in Debate competition in MGM Olympic 2021
- CJMC Team has achieved third position in skit competition in MGM Olympic 2021.

Institute of Social Sciences

- Sakshi Dongre represented India in Korea Open Aerobic Competition in 2021
- Sarthak Akkar Participated in University Sports Competition

- Rudram Vedpathak won Intra College Singing Competition

Dr. G.Y. Pathrikar College of Computer Science and Information Technology

- Priyank Thosar (B.Sc.CS) -Selected for National Level Service Scheme Regional Directorate, West Zone NSS Pre Republic Day Camp, 2021
- Madhumita Namde won Silver Medal in MGM University Olympics, Aurangabad
- GYP girls Team won Gold medal in Kabaddi in MGM Olympics 2021
- GYP girls Teams won Silver Medal in throw ball in MGM Olympics 2021
- GYP boys team won Gold medal in Kho Kho in MGM Olympics 2021

Institute of Biosciences and Technology

- Tanvi K Pawar (B.Sc. Microbiology II year) was selected for INSPIRE Scholarship for Higher Education (SHE)
- Mr. Ankush R. Tembhare (M.Sc. II year, Plant breeding and molecular genetics) was awarded by Agriculture Graduates Association
- Shruti Nilesh Pingle and Shruti Tanaji Suryawanshi (The Effect of Salt Stress on Proline Content in Maize (Zea mays)
- Academics (Anveshan- 2022)
- Praneeth Kumar Avula of M.Sc. Plant biotech was selected for National level in the research done on the topic of "Diabetes Sugar Cane"
- Pallavi Bahagat & Miral Patel of M.Sc. Biotechnology has been selected for National level in the research done on the topic of "To study anti-ursolic activity of bryophyllum pinnatum & Hibiscus".

Student Achievements 2021-22

"Shishyottam Puraskar" for the academic year 2021-22

Siddhi Mahatole BA-IJ selected as a finalist at Global UGRAD program

Apurva Khairnar, B.A. IJMC rewarded Mangala Vinchurne Bardapurkar Award

Saiprasad Mudhe, B.Tech EE, JNEC won 2nd prize in "CMIA's Energy Conclave 2022"

Student Achievements 2021-22

CJMC, Team award

Olympic award

Harush Tambe Medal

2nd year ECE, JNEC students won first prize in "Coffee Making Machine"

25 students of CJMC won first position at the state level 'YOUTH MOCK PARLIAMENT'

11. Training & Placements

MGM University has placed special importance on making its students career-ready. Along with the quality education and training provided during the course work, the university also trains students to face job interviews confidently. It also collaborates with national and multinational companies and organizations to train its students and offer placement opportunities.

Every year, hundreds of multinational companies, organizations and professional bodies visit MGM University for campus interviews and offer the candidates attractive pay packages. An excellent start when they are still completing their studies, gives the much-needed opportunity and impetus to the students to build a bright career.

List of University initiatives to improve the employability of the students is as follows:

- Updating the academic curriculum based on the feedback of industry experts.
- Providing Skill-based training to the students through short term courses.
- Mandatory enrolment by the students for skill-based online courses offered by Coursera, Udemy, NPTEL-SWAYAM and other MOOC sources.
- Preparing for general and technical aptitude tests is a part of students' schedules.
- Academic alliance with companies for professional skill development.
- Alumni are invited to conduct training sessions for students.

Students are encouraged to participate in different project competitions, CODEVITA, HackWithInfy,

Hacker Earth, Code Gladiator programming, Coding challenges, Hackathons, Robotics competitions at international, national and state-level, to enhance their technical skills and explore the concepts of upcoming and new technology trends to help them in the recruitment process. Similarly, the individual colleges also undertake elaborate processes and provide support tothe students for training and placement.

MGM University conducted number of training activities for the students, details of which are given below:

Table 44: Summary of Training Activities

Sr. No.	Type Activity	2021-22
1	Career Guidance Activities	13
2	Training Programs – Hard and Soft Skill Development	10
3	Campus Placement Training	14
4	Total	47

Table 45: Details of Training Activities

Sr. No.	Date	Name of the activity	Participants
Jawaharlal Nehru Engineering College			
1	6/10/2021	Webinar on "Hybrid Electric Vehicle Technologies " Mr.Sudhakar BL & Mr. Nagesh NV Group Leader Toyota Learning & Development India.Toyota Kirloskar Motor Pvt. Ltd.	Mech & EE 2022 batch
2	27/11/2021	INFYTQ Certification Training Program by Infosys	93
3	20/11/2021	Webinar on 'Indian Navy – A Way of Life' by Indian Navy	B.Tech 2022 & 2023 batch
4	30/06/2021	Alumni Engagement Webinar Series: Career Opportunities in Modern Technology Era by Mr. Tejas Wazalwar, Sales manager-APAC Symtrax Software Pvt.Ltd NEC Alumnus BE-ECT 2010	B.Tech 2022 batch
5	12/11/2021	Guest Lecture On Hyperconverged Infrastructure (HCI) by Mr. Sameer Mhaisekar, Technical Evangelist at SquaredUp Founder / Organizer at Experts Live India, JNEC Alumnus BE-ECT 2015	B.Tech 2022 & 2023 batch
6	8/12//2021	Alumni Journey: In conversation with Mr. Amit Nair, Data Engineering Manager, WhatsApp Payments, Meta San Francisco	B.Tech 2022 & 2023 batch
7	12/11/2021	Guest Lecture On Full Stack Development Overview by Ms. Priyanka Nandedkar, Application Development Senior Analyst at Accenture, Bangalore , JNEC Alumna BE-CSE 2015	B.Tech 2022 & 2023 batch
8	27/8/2021	Career Opportunities in Driverless Cars by Mr. Sachin Ghayal, Chief Manager - ADAS, Continental, JNEC alumnus BE IE 2001	B.Tech 2022 & 2023 batch
9	13/01/2022	Webinar on Careen Opportunites by Mr. Bharat Shetty, Practice Head-GRS group, WIPRO	All 2023 batch students
10	31/012022	Tata Social Enterprise Challenge (TSEC)	B.Tech 2022 & 2023 batch
11	27 /01/2022	Webinar and Social Media Contest on Build a Lasting Career from the Ground Up by Capgemini	All 2023 batch students
12	5/03/2022	COGNIZANT Digital Nurture 2.0 Students Connect by Congizant	40
13	7/02/2022	HackWithInfy Interactive session on Build a career that matters - by Infosys	All 2023 batch students
14	31/032022	Seminar on Blockchain, Venture Capital and Startup Culture, Viiek Mehata, Marketing Head & VC Associate, New Tribe Capital, Dubai	B.Tech 2022 & 2023 batch
15	19/04/2022	Hero CoLabs App Challenge 2.0 by Hero Motocorp	B.Tech 2022 & 2023 batch
16	25/04/2022	Webinar on Careers in IT by Mr. Sandeep Tambaku, SBU Head – Practice, EAS SAP, at Cognizant	All 2023 batch students
17	28/04/ 2022	Youth Employment Program (YEP) by Mr. Sudip Nag Biswas, Technology Head, Retail UK, Tata Consultancy Services	All 2023 batch students
18	26/052022	TCS iON (NQT) session by TCS	All 2023 batch students
19	03/06/2022	Seminar on Role of a Data Engineer at Meta by Mr. Amit Nair, Date Engineer Manager WhatsApp Payments Meta, JNEC Alumnus, 2006 batch Computer Science & Engineering	All 2023 batch students
20	31/01/ 2022	Webinar on Infosys Certified Software Programme	129
21	24/02/ 2022	Alumni Journey: In Conversation with Mr. Kailash Desai, Managing Director, Endress + Hauser India Pvt. Ltd. JNEC Alumnus, 1991 batch Instrumentation Engineering	All 2023 batch students

Sr. No.	Date	Name of the activity	Participants
22	5/03/2022	Leader Connect Program by Cognizant	91
23	5/03/ 2022	Campus Placement Guidance Resume writing and E-mail writing by Dr. Perminder Kaur, Head Training & Placement	200
24	July 2022	Choice Based Credit Courses on Infosys Springboard	All 2023 batch students
25	5/03 2022	Guidelines for Cognizant registration process on Superset Platform byDr. Perminder Kaur, Head Training & Placement and Ms. Varhsa Ajith, Training & Placement Cooridnator	200
26	21/04/ 22	Campus Connect webinar by Accolite	All 2023 batch students
27	20/05/2022	Masterclass series on data science and analytics by Virtusa	All 2023 batch students
28	26 & 31/03/2022	FNAT & FNCODE 2022	400
29	28/05/2022	Webinar on "Tattva" by Mr. Vishal Rampalle, Lead Campus Hiring, Talent Acquisition Group, Tata Consultancy Services Ltd.	All 2023 batch students
30	26/05/ 2022	TCS iON Orientation Session by Mr. Mohit Shahre, Regional Sales Head (West)- TCS iON, Tata Consultancy Services	All 2023 batch students
Institute of Hotel Management			
31		Webinar on Career Opportunities for hospitality Graduates in Qatar & Dubai, Webinar on Career Opportunities for hospitality Graduates in Germany & Denmark	100
32		Webinar on Career Opportunities in abroad by Udaan International	100
Dr. G. Y. Pathrikar College of CS & IT			
33	16/09/2022	Interaction with the final year students and a guidance session for the future career path in Wipro technologies by Ananya Kukreja, Senior Executive- Human Resources, Wipro Technology	200
34	27/06/2022 to 13/07/ 2022	If 15 days regress training program SDP conducted by Infosys BPM pvt.ltd. under CSR program. The invited trainers are Mr. Dilip Pinto and Mr. Nagaraj, Infosys	60

T & P Activities 2021-22

T & P Activities 2021-22

12. Centre for Entrepreneurship Development (CED)

MGM University has established the Centre for Entrepreneurship Development to inculcate the entrepreneurial spirit in the students and provide them with all the necessary training and guidance to succeed as a self-employed professional. The primary objective of the Centre is to develop the students into professional entrepreneurs with a vision, competency and confidence. The Centre aims to create a culture of entrepreneurship in society, which can lead the nation towards a prosperous future.

The Centre undertook several activities to nurture this entrepreneurial ecosystem, some of which are as listed below:

1. The Centre imparted 'Entrepreneurship Training' to 2500+ students from eight departments of the University.
2. Entrepreneurship Awareness programs were conducted in each department, wherein over 62% students showed interest in receiving the training on entrepreneurship development. Entrepreneurship clubs have been formed in the departments of the interested students who will now be trained regularly through the training programs. The Centre will also provide them with all the necessary guidanceto make their ventures successful.
3. CED published 86 Bulletins regularly on various social media platforms of campus students on entrepreneurship.
4. Initiated 'Business talk' on MGM Radio FM 90.8 from last September on each Sunday from 4 pm to 5pm, completing 35 episodes.
5. The Centre is networking and liasoning with national, state and local government offices related with industries and entrepreneurship along with chamber of commerce, industries associations, successful entrepreneurs and financial institutes to promote entrepreneurship in society.
6. It conducted several online interviews of experts in Entrepreneurship, successful entrepreneurs and alumni to shed light on the challenges faced and strategies applied by them.
7. Provided personal business counselling to students who are interested in entrepreneurship.
8. Prepared course material on entrepreneurship for students of the Centre.
9. Prepared MGM University Start-up Policy.
10. Department wise counselling sessions were also undertaken by the Centre.
11. CED has preparedan MoU proposal for Marathwada Accelerator for Growth & Incubation Council (MAGIC).
12. Organized reference books for students of entrepreneurship at the Centre.
13. Three articles on CED's work were published in the mainstream print media of the state.
14. Organized training programme for faculty members in association with Bhartiya Yuva Shakti Trust.

15. Signed an MoU with Bhartiya Yuva Shakti Trust (BYST).
16. The Centre signed MoUs with multiple Industries associations for internship and factory visits.
17. Arranged Experts talkson a variety of topics related to entrepreneurship.
18. Sent a proposal to Entrepreneurship Development Institute of India for Entrepreneurship Development Programs.
19. Supported the MGMU entrepreneurs to register on MSME portal and meet legal compliances.

The Centre has prepared a robust future plan to promote entrepreneurship among students. Some of the key activities to be undertaken in the next year are as follows:

1. Conducting entrepreneurship promotion activities for each department of the University.
2. Adopting autonomous status to the department and create fund sources in next three years.
3. Intensive training programs, Entrepreneurship Development Program for selected candidates
4. Start dedicated entrepreneurship e-magazine and web Portal to coordinate all opportunities and activities for providing a coherent and cohesive approach.
5. Conduct online and offline training programs for internal and external clients, candidates in commercial terms.
6. Help students to implement their ideas in all stages, i.e. inspiration, ideation, initiation, incubation, investments, internationalization and sustainability.
7. Create foundation of academic learning in the field of entrepreneurship to acquaint students with concepts and also its applications.
8. Organizing an Entrepreneurs Week.
9. Identify and collaborate with sponsors from different fields to organize and undertake different activities and events.
10. Proposal to set up NSIC Training-cum-Incubation Centre (NSIC-TIC) for Small Enterprise Establishment.
11. Serve as a catalyst for entrepreneurship.

13. Collaborations

1. The MGM University has signed a Memorandum of Understanding with ŠKODA AUTO Volkswagen India Private Limited (ŠAVWIPL). As part of this MoU, SAVWIPL, from its perspective of passenger vehicles manufacturer is interested in cooperation in order to gain deeper knowledge about trends in automotive industry. With the broad experience in the field of automotive product development and research, the University is prepared to undertake innovative research cooperation with SAVWIPL. The MoU consists of:

    i. Introduction to production processes in ŠAVWIPL;
    ii. Expert consultations on technological issues;
    iii. Solving technological disruptions in current production;
    iv. Preparation of joint research and applied projects.
    v. Development and improvement of production with the aim of optimizing the use of raw materials and utilities, improving product portfolio and quality and achieving product competitiveness on the market;
    vi. Improving the quality control of products and management over technological processes;
    vii. Cooperation and support during the preparation of graduate papers, master and phd thesis;
    viii. Summer and professional internships, and execution of exercises for students;

2. MGM University has signed a Memorandum of Understanding with Brainberg Knowledge Solutions, wherein Brainberg whould be providing students assessments for employability of students and related training to the students and faculty.

3. MGM University has signed a Memorandum of Understanding with The Southern Federal University for exchange of professional teachers and students.

4. MGM University has signed a Memorandum of Understanding with The World Sports Allaince Intergovernmental Organisation, Malaysia.

5. MGM University has signed a Memorandum of Understanding with Institute of Industrial Ecology, Pforzheim University (A University of Applied Sciences).

6. JNEC has signed a Memorandum of Understanding with Atlas Copco (India), promoted by Atlas Copco AB based in Stockholm Sweden. Atlas Copco has a global reach with sales in more than 180 countries. They are engaged in business, manufacturing of compressors, vacuum solutions, generators, pumps, power tools and assemble systems. The scope of the MoU is:

    i. To promote more effective use of resources and provide each other with enhanced opportunities to reduce time to competence of the students studying in an Institution.
    ii. To cooperate and focus efforts on cooperation within area of skill based training, education and research, curriculum design, Guest lectures, FDPs, and placement of trained students.

7. JNEC has signed a Memorandum of Understanding with National Association of Software and Services Companies (NASSCOM) for skill development training in emerging technologies through Future Skills PRIME portal.

8. JNEC has signed a Memorandum of Understanding with Maharashtra Chamber of Commerce, Industries and Agriculture (MACCIA) for student internship in various industries.

9. JNEC has signed a Memorandum of Understanding with Data Matica IT services & IT company for providing internship, placement and trailing Program.

10. JNEC has signed a Memorandum of Understanding with BOSH for provading training to enhance skill enternprenship for youth, future human compentancy and also faculty training.

11. Institute of Biosciences and Technology (IBT) has signed a Memorandum of Understanding with Central Food Technological Research Institute (CFTRI) for designing the Syllabus and for Projects by which almost 80 students benefitted from it.

12. IBT has signed a Memorandum of Understanding with ICAR- Central Institute of Fisheries Education, for a period of five years to collaborate for Research and Academic work.

13. GYP-CCSIT has signed a MoU for Spoken Tutorial Project, IIT Bombay, Mumbai and have conducted workshops on Python, LaTeX, PHP and MySQL, Java. Another MoU is also signed for e-Yantra Project, IIT Bombay, Mumbai and workshops on Arduino is conducted as part of this.

14. GYP-CCSIT has signed a MoU with National Remote Sensing Centre, ISRO, Hyderabad and as part of this MoU, conducted a training program on “Advances in Forest Remote Sensing”.

15. GYP-CCSIT has signed a MoU with MCED, Aurangabad and Entrepreneurship Development Institute of India (EDII), Gandhinagar, Gujarat. As part of this, activities on awareness about entrepreneurship are regularly conducted.

16. IFD has signed a MoU with MCED, Aurangabad and conducts activities on awareness about entrepreneurship.

17. IOMR has signed a MoU with Kadam Capital, Aurangabad and conducts training programs on online share trading, mutual funds. IOMR has also signed MoU with MGM Medical Center and Research Institute to provide consultancy on soft skills development and staff patient interaction.

18. Institute of Hotel Management signed a Memorandum of Understanding with Welcomhotel by ITC Rama International, Aurangabad; Hotel The Fern Residency, Aurangabad for providing Industrial Exposure and the students will benefit from Industrial Visit, Students Internship, Expert Lectures and Sessions and Flip Classrooms.

19. Institute of Hotel Management signed an Memorandum of Understanding with Enrise By Sayaji Aurangabad which is an Consultancy project for providing training to Hotel Staff.

14. Research & Development, Projects, Patents, Consultancy

MGM University is a research-driven institution. It has built many advanced research facilities in the campus like the one-of-its-kind Innovation, Incubation and Research Centre (IIRC), well-equipped laboratories and well-stocked libraries with lakhs of titles, journals and reference books. The University has collaborated with number of reputed companies and universities from across the world for research and development. MGM University also provides substantial amount of funds in grants and fellowships for research and innovation to both faculty and students.

Table 46: Details of the Research Guides, areas and Ph. D Scholers

Name of Faculty	Name of Institute	Number of Research Guide	Number of Research Scholars	Research Area
Faculty of Basic and Applied Sciences	Dr. G.Y. Pathrikar College of Computer Science and IT	10	33	Data Science, GIS, Software Engineering, Image Processing , Artificial Intelligence, Networking
	Institute of Biosciences and Technology	12	23	Plant breeding and molecular genetics, Biotechnology, Bioinformatics, Plant biotechnology, Food technology, Microbiology
	University Department of Basic and Applied Sciences	09	13	Material Science, Solid State Physics, Nuclear Physics, Nano Material, Astrophysics, Green Synthesis, Catalysis, Heterocycles, Nano Chemistry, Chemical Kinetics, Fractional Differential Equation, Inequalities, Operational research
Faculty of Engineering and Technology	Jawaharlal Nehru Engineering College	21	72	Additive Manufacturing, Manufacturing, Design, Thermal, Reliability Engineering, Water Resource Engineering, Structural, Geo-informatics, Geotechnical engineering, Valuation, Construction management, Town and Planning, Remote Sensing and GIS, Machine Learning, Cloud Computing, Image Processing, Software Engineering, Data Science, Cyber Security, Computer network, Power Systems, Digital Communications, Image Processing, Advanced wastewater, Polymer Physics, Computer Aided Process Equipment Design, Extraction , Process Intensification, Chemical Reaction Engineering
Faculty of Management and Commerce	Institute of Management Research	09	34	HR, Banking Finance, Management, Human Rresource and Organizational Behaviour

Faculty of Social Sciences and Humanities	College of Journalism and Mass Communication	03	11	Communication, Culture, Advertising, Media and society, Agriculture, Public Relation
	Institute of fashion Design	01	06	Textile, Sustainable Fashion, Himroo Textile, Paithani, Khadi
	College of Fine Arts	01	10	Painting , Drawing, Art History, Kinetic Art, Modern Art, Portraiture, Public Art
	Institute of Indian and Foreign Languages	01	17	English, Marathi, Urdu, Hindi,
	Institute of Social Sciences			Educational Technology, Educational Psychology, Educational management, Emotional competence, social competence, Personality pattern
	• Program in Education	01	04	Educational Technology, Educational Psychology, Educational management
	• Program in Psychology	01	04	Emotional competence, social competence, Personality pattern
	• Program in Social Work	01	03	Women Education, Elderly People, Labour
	• Program in Economics	02	05	Economics Theory, Economics Public
	• Program in Physical Education	02	05	Athletics, Cricket, JUDO
	• Program in Library & Information Science	02	06	Citation Analysis, Bibliometric Analysis, Synpometrine, Preservation and Conservation

14.1 Faculty wise Research & Development Details

14.1.1 Faculty of Engineering & Technology

Jawaharlal Nehru Engineering College

Mechanical Engineering:

Well-equipped laboratories of Mechanical Engineering department with testing and measurement equipment not only facilitate performance of practical work, but also act as a platform for students to learn the content beyond curriculum which stimulates the interest of students for research work.

- Number of research guides: 6
- Number of research scholars: 20
- Research Area: Additive Manufacturing, Manufacturing, Design, Thermal, Reliability Engineering
- Joint Publications: 9
- Industry Collaboration: 12
- Fellow - Professional Bodies: 2
- Member - Professional Bodies: 2
- Editor / Associate Editor /Reviewer/ Member of Research Journal:
- Awards & Honours: 7
- Sponsored Research Projects: 1
- Consultancy Projects: 3
- Lectures by Visiting Experts : 5
- Papers Published in Journals: 9

Civil Engineering:

Civil Engineering department aims to create quality and industry ready engineers who are able to address the needs of the industry and society.

- Number of research guides: 03

- Number of research scholars: 16
- Research Area: Water Resource Engieering, Structural, Deoinformatics, Geotechnical engineering, Valuation, Construction management, Town and Planning
- Joint Publications: 9
- Industry Collaboration: 3
- Member - Professional Bodies: 21
- Reviewer of Research Journal: 9
- Awards & Honours: 2
- Consultancy Projects: 42
- Invited - Lectures by Faculty Members: 1
- Seminars, Conferences and Workshops Organized: 3
- Papers Published in Journals: 10
- Papers Presented in Conferences : 2

Computer Science and Engineering:

Computer Science and Engineering department develops computer engineers with necessary analytical ability who can implement a wide spectrum of computer system for the industry. The department is well-equipped with advance infrastructure to promote research culture in the department.

- Number of research guides: 06
- Number of research scholars: 26
- Research Area: Remote Sensing and GIS, Machine Learning, Cloud Computing, Image Processing, Software Engineering
- Joint Publications: 2
- Industry Collaboration: 03
- Member - Professional Bodies:30
- Seminars, Conferences and Workshops Organized: 14
- Lectures by Visiting Experts : 1
- Training Programmes organised: 1
- Papers Published in Journals: 1
- Papers Presented in Conferences: 1

Electronics and Telecommunication:

Research Centre of Electronics and Telecommunication has research facilities which help for innovative research work. Department has research specializations in a range of areas and provides excellent infrastructure, abundant resources and innovative teaching-learning processes.

- Number of research guides: 4
- Number of research scholars:9
- Research Area: Computer network, Power Systems, Digital Communications, Image Processing
- Joint Publications: 7
- Industry Collaboration: 4
- Fellow - Professional Bodies: 3
- Member - Professional Bodies: 20
- Visits Abroad/Institutes of eminence by Faculty Members: 3
- Invited - Lectures by Faculty Members: 1
- Lectures by Visiting Experts: 3
- Papers Published in Journals: 8
- Papers Presented in Conferences: 4
- BOS member other than MGMU: 3

Electrical Engineering:

The objective of the department is to prepare students for different sections of power industry such as Generation, Transmission and Distribution. Besides the various courses in electrical engineering, students are exposed to other courses of electronics, computer and instrumentation. Electrical Engineering Department always strives to provide healthy learning experience to the students for their overall development. With help of well equipped laboratories & advance instruments students gets hands on experience to latest technology and practical knowledge.

- Joint Publications: 8

- Industry Collaboration: 2
- Plenary / Keynote / Invited - Lectures by Faculty Members: 7
- Seminars, Conferences and Workshops Organized: 2
- Lectures by Visiting Experts: 7
- Short-Term Courses, Training Programmes and Workshops organised: 2
- Papers Published in Journals: 4
- Papers Presented in Conferences: 4

Chemical Engineering:

Department offers UG, PG and Ph.D. programs in Chemical Engineering and Inter-disciplinary engineering streams. Research areas are mainly Advanced Process Modelling, Simulation and Control, Process Plant Design, Bio-fuels and Bio-fertilizers, Waste Valorization, Drug Delivery, Nanotechnology, Environmental Pollution Control, etc. Research activities of the students are supported by the outstanding facilities available in the Department, IIRC-the process automation and additive manufacturing facility, as well as interdisciplinary support from various engineering and science departments.

- Number of research guides: 01
- Number of research scholars: 2
- Research Area: Advanced wastewater, Polymer Physics, Computer Aided Process Equipment Design, Extraction , Process Intensification, Chemical Reaction Engineering
- Joint Publications: 6
- Member - Professional Bodies: 6
- Awards & Honours: 1
- Sponsored Research Projects: 1
- Lectures by Visiting Experts: 7
- Workshops Organized: 3
- Papers Published in Journals 6
- BOS member other than MGMU: 2

Master of Computer Applications:

Master of Computer Application is an application based course which emphasises on latest programming languages and tools to develop better and faster applications.

- Number of research guide: 1
- Number of research scholars: 2
- Research Area: Machine Learning, Cloud Computing, Cyber Security
- Joint Publications: 8
- Industry Collaboration: 1
- Member - Professional Bodies: 3
- Workshops Organized 1
- Lectures by Visiting Experts: 4
- Papers Published in Journals: 8

Architecture:

Architecture program revolves around studio culture where students explore life like design ideas with the help of teachers who take on the role of coaches, supporting students in their learning journey. Irrespective of the challenges imposed by the advancements in the technology department achieved a balance by preserving the age old knowledge based learning methodologies and value based approach.

- Industry Collaboration: 4
- Awards & Honours: 1
- Consultancy Projects : 5
- Invited - Lectures by Faculty Members: 2
- Seminars, Conferences and Workshops Organized: 1
- Lectures by Visiting Experts: 1
- Short-Term Courses, Training Programmes and Workshops organised: 2
- Papers Published in Journals: 2
- Papers Presented in Conferences: 2

Applied Science:

Applied Science department has research specialization in Nano materials, Sensor Technology, Dielectric Spectroscopy, Microwave Remote Sensing, Material Physics, Chemical Kinetics, Material Chemistry, Green Chemistry, Partial Differential Equation, Fractional Calculus, Fractional calculus, Mathematical Inequalities, Operation Research.

- Number of research guides: 1
- Number of research scholars: 2
- Joint Publications: 9
- Member - Professional Bodies: 3
- Editor / Associate Editor /Reviewer/ Member of Research Journal:5
- Invited - Lectures by Faculty Members: 2
- Seminars, Conferences and Workshops Organized:1
- Papers Published in Journals: 9
- Papers Presented in Conferences: 2
- BOS member other than MGMU: 2

University Department of Information and Communication Technology :

Programs in UDICT makes the students ready for positions in a wide array of industries and MNCs, as well as, opening the doors to the start-up universe. Mission of the department is to create technocrats for a sustainable growth in the industrial sector with an interdisciplinary aptitude. Research work areas of the department are Data Science, GIS, Software Engineering, Image Processing, Artificial Intelligence, Networking, and Cloud Computing

- Joint Publications: 5
- Member - Professional Bodies: 6
- Editor / Associate Editor /Reviewer/ Member of Research Journal: 2
- Visits Institutes of eminence by Faculty Members: 6
- Plenary / Keynote / Invited - Lectures by Faculty Members:13
- Seminars, Conferences and Workshops Organized: 31
- Lectures by Visiting Experts: 13
- Short-Term Courses, Training Programmes and Workshops organised: 27
- Papers Published in Journals: 2
- Papers Presented in Conferences: 2

14.1.2 Faculty of Basic & Applied Sciences

Dr. G. Y. Pathrikar College of Computer Science & Information Technology :

College has several branches established during 19 years of long span like Computer Science, Information Technology, Animation, Hardware Networking and Data Science. The courses empower students to deal with the technicalities and issues with authorized knowledge of databases and analytical skills in mathematics and computers.

- Number of research guides: 10
- Number of research scholars: 33
- Research Areas: Data Science, GIS, Software Engineering, Image Processing, Artificial Intelligence, Networking
- Industry Collaboration: 3
- Member - Professional Bodies: 1
- Seminars, webinar, Conferences and Workshops Organized: 45
- Lectures by Visiting Experts : 12
- Papers Published in Journals: 11
- Papers Presented in Conferences: 27

Institute of Biosciences and Technology:

In the year 2001-2002 the Institute of Biosciences and Technology was established with a vision to provide advanced education in the emerging areas of biotechnology. The Institute is well established in the field of research in the area of biotechnology and Bioinformatics with a well-equipped R & D laboratory.

- Number of research guides: 12
- Number of research scholars: 23
- Research Areas:Plant breeding and molecular genetics, Biotechnology, Bioinformatics, Plant biotechnology, Food technology, Microbiology
- Industry Collaboration: 5
- Editor / Associate Editor /Reviewer/ Member of Research Journal: 1
- Consultancy Projects: 10
- Visits Abroad/Institutes of eminence by Faculty Members: 9
- Papers Published in Journals: 9
- Papers Presented in Conferences: 1

14.1.3 Faculty of Management & Commerce

Institute of Management & Research:

Institute of Management & Research is conducted college of MGM University Aurangabad offering advanced courses in business administration. With its contemporary teaching practices, brilliant faculty, emphasis on all round development, employment oriented activities and safe and secure environment, IoMR has emerged as one of the most preferred choices for management education.

- Number of research guides: 09
- Number of research scholars: 33
- Research Areas: HR, Banking Finance, Management, HR and OB
- Joint Publications: 2
- Industry Collaboration: 6
- Member - Professional Bodies: 2
- Awards & Honours: 4
- Sponsored Research Projects: 2
- Consultancy Projects: 3
- Visits Abroad / Institutes of eminence by Faculty Members: 1
- Invited - Lectures by Faculty Members: 2
- Seminars, Conferences and Workshops Organized: 2
- Lectures by Visiting Experts: 7
- Short-Term Courses, Training Programmes and Workshops organized: 4
- Papers Published in Journals: 13
- Papers Presented in Conferences : 18

Institute of Hotel Management:

Institute of Hotel MGM Institute of Hotel Management (IHM) is one of the leading Hospitality Institutes in Aurangabad, Maharashtra and has engraved a unique position for itself in the hospitality industry since its inception. The institution has its own Multi-Cuisine Restaurant, Bakery and Accommodation facility named The Salt, where the students get practical training and work experience of the industry. Many alumni of the institution have been placed in renowned hospitality groups. Industrial training via tie-ups with prominent star-rated hotels, namely, Marriott Hotels, Taj Hotels, Accord Hotels are incorporated in the curriculum. IHM is a constituent college of MGM University from academic year 2019-20.

- Research Areas: Hospitality and Tourism Management.
- Joint Publications: 1
- Industry Collaboration: 3
- Sponsored Research Projects: 1
- Consultancy Projects: 1
- Plenary / Keynote / Invited - Lectures by Faculty Members: 3
- Seminars, Conferences and Workshops Organized: 4
- Lectures by Visiting Experts: 7
- Short-Term Courses, Training Programmes and Workshops organized:8

- Papers Published in Journals: 3
- Papers Presented in Conferences : 2

14.1.4 Faculty of Social Sciences & Humanities

Institute of Fashion Design:

Institute of Fashion Design is a unique institution which provides a complete design education package touching all major areas of design, art and craft culture without compromising on current design trends. The institute brings students closer to their roots and transforms them into ethical and responsible design professionals of the future. It believes in programs solving approach, depth of intellect, creative education culture and in setting new standards in the field of design education.

- Number of research guides: 2
- Number of research scholars: 6
- Research Areas:Textile, Sustainable Fashion, Himroo Textile, Paithani, Khadi
- Joint Publications: 9
- Industry Collaboration: 1
- Fellow - Professional Bodies: 1
- Member - Professional Bodies: 1
- Editor / Associate Editor /Reviewer/ Member of Research Journal : 2
- Visits Abroad/Institutes of eminence by Faculty Members: 19
- Lectures by Visiting Experts : 1
- Short-Term Courses, Training Programmes and Workshops organised: 7
- Papers Published in Journals: 2
- Papers Presented in Conferences: 8

College of Fine Arts:

The college trains students in Art and Design and gives them exposure to develop sufficient competency to enter the competitive professional field.

- Number of research guides: 2
- Number of research scholars: 10
- Research Areas: Painting, Drawing, Art History, Kinetic Art, Modern Art, Portraiture, Public Art
- Industry Collaboration: 1
- Fellow - Professional Bodies: 5
- Member - Professional Bodies : 5
- Awards & Honours: 3
- Plenary / Keynote / Invited - Lectures by Faculty Members: 2
- Seminars, Conferences and Workshops Organized: 2
- Lectures by Visiting Experts: 1
- Short-Term Courses, Training Programmes and Workshops organised: 10
- Papers Published in Journals: 2
- BoS member other than MGMU: 5

Institute of Indian and Foreign Languages:

IIFL provides advanced linguistic education to the students to enhance their communication skills leading to the empowered personal life, improved social life and better job opportunities for them. The Institute also offers research opportunities in various languages.

- Number of research guides: 6
- Number of research scholars: 17
- Research Area:English, Marathi, Urdu, Hindi,
- Awards & Honours: 8
- Invited - Lectures by Faculty Members: 2
- Seminars, Conferences and Workshops Organized: 1
- Papers Published in Journals: 10
- Papers Presented in Conferences: 4

College of Journalism & Mass Communication

- Industry Collaboration: 7

- Awards & Honours: 1
- Visits Abroad/Institutes of eminence by Faculty Members: 1
- Seminars, Conferences and Workshops Organized: 2
- Papers Published in Journals: 3

Institute of Social Sciences:

The Institute of Social Science has been established with a vision to develop new age educationists by enabling them with modern teaching-learning practices. The key research areas of the institute are Educational Technology, Educational Psychology, Educational Management, Social work, philosophy, Gandhian Studies, Economics, Physical Education.

- Number of research guides: 1
- Number of research scholars: 4
- Seminars, Conferences and Workshops Organized: 2

14.2 Paper Publications

The research paper publications by faculty members from different institutes of MGM University are given below (Table 47):

Table 47: Research paper publications by faculty members of Jawaharlal Nehru Engineering College

Sr. No.	Name of Author	Research Paper Title	Publication details
Civil Engineering			
1	L. G.Kalurkar & R. R. Mahorkar,	"The Effect of Lateral Connection in Moment Carrying Capacity Frames of Low-Rise, Mid-Rise and High-Rise RC Structures by Perfoming Pushover Analysis"	International Journal of Engineering Research & Technology, Vol. 10 Issue 01
2	L.G. Kalurkar, Arti Navgire,	"Influence of Wind Braces on the Dynamic Performance of an Industrial shed Integrated with Gantry Crane of Different Capacities"	Recent Trends in Civil Engineering & Technology, Vol. 11 Issue 01
3	Prashant Kala, L.G.Kalurkar	Aspect Ratio Analysis of Tall Building High Seismic Zone Using Base Isolation Technique	Journal of Experimental & Applied Mechanics, Vol. 11 Issue 01
4	Shaikh Mohammad Kashif, L.G.Kalurkar	Structural Analysis and Design of Flyover Bridge Using Reinforced and Pre stressed Concrete Material	International Journal of Engineering Research & Technology, Vol. 2 Issue 09
5	Pooja Tiwari, L.G.Kalurkar	Effect of Core and Outrigger Structural System for Different Soil Type	International Journal of Recent Advancesin Multidisciplinary Topics, Vol. 2 Issue 09
6	Pooja Pradhan, L.G.Kalurkar	Dynamic response of RC structures under the ascendency of different wall systems using nonlinear seismic analytical system	International Journal of Recent Advancesin Multidisciplinary Topics, Vol. 2 Issue 09
7	Sandip Chavan, L.G.Kalurkar	Seismic Analysis of Multistory Building by using the IS 1893: 2016 having a mass irregularity and Siffness Irregularity	International Research Journal of Engineering and Technology (IRJET), Vol. 8 Issue 02
8	Sameer S. Kumawat, Varsha G. Jadhav	Influence of Nano Silica on Impact Strength and Microstructure of Concrete	Journal of Ceramics and Concrete Sciences, Vol. 6 Issue 02
9	Sameer S. Kumawat, Varsha G. Jadhav L.G.Kalurkar	Effect of Nano silica on compressive and bond strengrh of concrete	Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 8 Issue 09
10	Y.J. Barokar and D.G. Regulwar	Assessment of Climate Change for Generating Grid Wise Future Scenarios of Precipitation and Temperature Over Lower Godavari Sub Basin Maharashtra State, India.	HYDRO 2020 INTERNATIONAL 25th International Conference on Hydraulics, Water Resources and Coastal Engineering, National Institute of Technology Rourkela
11	Y.J. Barokar and D.G. Regulwar	Assessment of Climate Change for Generating Future Scenarios of Temperature over Lower Godavari Sub Basin Maharashtra State, India by using SDSM and Excel Model	HYDRO 2021- International Conference (Hydraulics, Water Resources and Coastal Engineering), SVNIT Surat
Chemical Engineering			
1	Vishnu A. Gite	Synthesis of n-OCTYL acetate using Heterogenous Catalyst: KINETIC AND THERMODYNAMIC Study	Catalysis in Green Chemistry and Engineering, Volume 4, Issue 2, 2021, pp. 11-22

Sr. No.	Name of Author	Research Paper Title	Publication details
2	Ravindra W. Gaikwad	Ultrasonication based wastewater treat-ment	Novel Approaches Towards Wastewater Treatment and Resource Recovery Technologies, 2022, Elsevier, PN. 221-229.
3	Ravindra W. Gaikwad	Modeling and gPROMS based simulation of adsorption process for the removal of Cu (II) from aqueous wastewater	Indian Journal of Chemical Technology Vol. 29, 2022, pp. 40-46.
4	Ravindra W. Gaikwad	Optimization and simulation of refinery vacuum column with an overhead condenser	Materials Today: Proceedings Elsevier, Volume 57, Part 4, 2022, Pages 1593-1597
5	Ravindra W. Gaikwad	Mathematical, Numerical and Experimental Investigations of Metal Extraction Process	Application of Nano fluids in Chemical and Bio-medical Process Industry, 2022, Pages 251-268
Computer Science & Engineering			
1	Minakshi N Vharkate, Vijaya B. Musande	Fusion Based Feature Extraction and Optimal Feature Selection In Remote Sensing Image Retrieval	Springer International Journal of Multimedia Tools and Applications An International Journal. Volume 81, Issue 22, Sep 2022 , pp 31787–31814 11 April 2022.
2	Sukhwant kaur Siledar, Bhagyashree Deogaonkar, Nutan Panpatte, J. Pagare	Map Reduce Overview And Functionality	"6th International Conference on Communication and Electronics Systems (ICCES) ISBN:978-1-6654-3587-1 08-07-2021DOI:10.1109/ IC-CES51350.2021.9489056"
3	Anuja Lakhe, Sunilkumar Jaiswal	Machine Learning And Deep Learning Model-Based Detection Of IoT Botnet Attacks.	International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 p-ISSN: 2395-0072 Volume: 09 Issue: 06, June 2022
4	Ishrat shaikh , Ms. A. B. Husain	Performing Text Modeling and Sentiment Analysis Using LDA And Deep Learning	Journal of Emerging Technologies and Innovative Research (JETIR) (ISSN-2349-5162) Volume 9, Issue 6 , Pg. e438-448 JUNE-2022
Electronics & Telecommunication Engineering			
1	S.N. Pawar	Design, simulation, and analysis of nanostructures for low power devices	Materials Today: proceedings, Vol 66, Part 8, 2022 Elsevier
2	S.N. Pawar	Design and optimization of microheater for smart gas sensor applications	Materials Today: proceedings, Vol 62, April 2022 Elsevier
3	V.B.,Malode	Design and development of intelligent system for early Detection of acute Myocardial infarction	Protus Journal,UGC-CARE Approved Group-II Journal(web of science) VOLUME 12 ISSUE 7 , July2021,pp79-89 ISSN/ eISSN: 0889-6348 http://www.proteusre-search.org/
4	V.B.,Malode	"Transfer Learning for Multi-Crop Leaf Disease Image Classification using Convolutional Neural Network VGG"	ScienceDirect ELSEVIER , Artificial Intelligence in agricutural
5	V.A. More	Copy-Move Forgery Detection and Localization Using Novel Technique	Mathematical Statistician and Engineering Applications
6	V.A. More	Design of efficient S-box for Advanced Encryption Standard	Journal of Integrated SCIENCE & TECHNOLOGY
7	S.D.Gavaraskar	"Novel dynamic time and frequency domain approach for removing noise from audio Signal ”"	Vol 41 Journal of optoelectronics Laser

Sr. No.	Name of Author	Research Paper Title	Publication details
Electrical Engineering			
1	Mr.J.R.Rana	IoT Based Smart Home Energy Management System with Implementation of Renewable Energy	International Journal for Research in Engineering Application & Management ISSN : 2454-9150 Vol-07, Issue-07, OCT 2021
2	Dr.B.A.Patil	IoT Based Automatic Power Factor Correction & Monitoring System	International Journal for Research in Engineering Application & Management ISSN : 2454-9150 Vol-07, Issue-07, OCT 2021
3	Mr.J.R.Rana	Battery Management	CMIA Energy Conclave 2022
4	B.T.Deshmukh	Intelligent Energy Management in College Laboratory	International Conference ICSIDEMPC2020, IEEE
5	Mr.J.R.Rana	Solar Based Smart Irrigation system Using IoT: A Review	International Conference ICSIDEMPC2020, IEEE
5	Mr.J.R.Rana	Comparative study of Passive Regenerative and Dissipative Snubber Cells for Isolated SEPIC Converters	International Conference ICSIDEMPC2020, IEEE
6	Mr.J.R.Rana	Passive and regerative snubber cell for isolated S.E.P.I.C. Converter.	International research journal for engineering and technology (IRJET) Volume 8 Issue 2
7	Mr.J.R.Rana	IoT Based Water Irrigation System for agricultural use using Solar	International Conference ICSIDEMPC2020, IEEE
8	Mr.J.R.Rana	Paper Publication on IoT Base Substation Monitoring and Controlling	IJAREEIE, Volume 10, Issue 5, May 2021
Information Technology			
1	S C Tamane,Seema Babusingh Siledar	Quadratic difference expansion based Reversible Watermarking for relational database	Journal of Integrated Science and Technology 9 (2), 107-112, 2021
2	Dr Sharvari Tamane, Kiran Khandarkar	Change Detection in Water reservoir using Image Fusion and Supervised Classifier	International Journal of Scientific Research in Computer Science, Engineering and Information Technology, ISSN : 2456-3307 (www.ijsrcseit.com)
3	Sharvari Tamane, Ratna Patil, Shitalkumar Adhar Rawandale, Kanishk Patil	A modified mayfly-SVM approach for early detection of type 2 diabetes mellitus	Int. J. Electr. Comput. Eng 12 (1), 524-533, 2022
4	Sharvari C Tamane, Gauri Vaidya, Prabhleen Bindra, Meghana Kshirsagar	Privacy and Security Technologies", Security and Privacy Applications for Smart City Development	Springer in series "Studies in Systems, Decision and Control"
5	Sharvari Tamane,Ratna Patil, Nirmal Rawandale	Hybrid ANFIS-GA and ANFIS-PSO based models for prediction of type 2 diabetes mellitus	Computational Methods and Data Engineering, 11-23, 2021
6	Sharvari Tamane, Monali Shetty, Prajakta Bhangale, Samarth Mehta, Sumit Kothari	Review Helpfulness Prediction using Deep Learning	Computer Integrated Manufacturing Systems 28 (11), 673-685, 2022
7	Sharvari Tamane, Ratna Patil, Kanishk Patil	An experimental approach toward type 2 diabetes diagnosis using cultural algorithm	ICT Systems and Sustainability, 405-415, 2021

Sr. No.	Name of Author	Research Paper Title	Publication details
8	Sharvari Chandrashekhar Tamane, Gauri Vaidya, Prabhleen Bindra, Meghana Kshirsagar	Privacy and Security Technologies for Smart City Development	Security and Privacy Applications for Smart City Development, 3-23, 2021
9	Seema Siledar, Dr. Sharvari Tamane	Reversible Database Watermarking With Distortion Control	Indian Journal of Computer Science and Engineering (IJCSE)12 (5), 1503-1509, 2021
10	Mayur K. Jadhav	Necessity of Self-Explainability in AI : Insights from the existing Social Projects	BITS EEE CON 2022 International Conference on Next Generation Systems and Networks
11	Chakkarwar V and S C Tamane	Social Media Analytics during pandamic for covid 19 using topic modelling	Proeedingof the 2020 international onference on smart innoation in design environmnet management planning and computing,ICSIDEMPC 2020 279-282-, 9299617
12	Chakkarwar V and S C Tamane	Quik Insight of research literature using topic modelling	Smart Innovation systemand technologies 2020,165pp.189-197
13	P. Kaur, K.V. Kale, V. Ajith,	Study of changes in land use and land covers using temporal Landsat-8 images	Springer Nature Singapore Pte Ltd. 2021 P. S. R. Chowdary et al. (eds.), Microelectronics, Electromagnetics and Telecommunications, Lecture Notes in Electrical Engineering 655, https://doi.org/10.1007/978-981-15-3828-5_34
14	P. Kaur, V. Ajith,	Spatial data mining of agricultural land area using multi-spectral remote sensed images	Springer Algorithms for Intelligent Systems, 2021
Mechanical Engineering			
1	Anant Nemade and Dr.Arvind Chel	Artificial Intelligence: A tool to resolve thermal behavior issues in disc braking systems	Intelligent Data Centric Systems: Artificial Intelligence and Industry 4.0
2	Darshan Adhav and Dr N G Phafat	Investigation of effects of process parameters in micro hole EDM drilling of Titanium super alloy TI-6AL-4V	International Journal of Innovative Science, Engineering and Technology
3	Darshan Adhav and Dr N G Phafat	Investigation of effects of process parameters on micro hole by electro discharge drilling of TI-6AL-4V	International Journal of Research and Analytical Reviews (IJRAR)
4	K. Bhagwat, S. Choutmal, R. Digraskar, Dr.A.L.Chel	Optimization of the intake manifold of formula student car with 390cc engine	Science, Technology and Development Journal
5	A.B. Kulkarni and V.V.Sonkamble	An Overview on Green Manufacturing	Journal of Interdisciplinary Cycle Research (JICR)
6	U. M. Parbhane and D.S.Khedekar	Experimental Investigations of H-13 by using different Coated Tools	International Research Journal of Engineering and Technology (IRJET)
7	Shaikh Asif and D.S.Khedekar	Experimental Investigation for Material Removal Rate in Turning of Reinforced Polymer Composite Material using Different Coolants	International Journal of Research and Analytical Reviews (IJRAR)
8	Shaikh Asif and D.S.Khedekar	Experimental Investigation for Surface Roughness in Turning of Reinforced Polymer Composite Material using Different Coolants	International Journal of modern Trends in Engineering and Research (IJMTER)

Sr. No.	Name of Author	Research Paper Title	Publication details
9	Mr. D.S.Khedekar	Study of the optimization of Process Parameters in Turning Of Nylon-6 and Nylon-66 Polymer- A Review	International Journal of modern Trends in Engineering and Research (IJMTER)
Architecture			
1	M.G.Kashid, Suddhasheel Ghosh, Parag Narkhede	A Conceptual Model for Developing A Heritage Corridor for Marathwada Region	NOCPDM-National onlone conference on Planning ,Design Amd Management- COEP, Pune
2	M.G.Kashid, Suddhasheel Ghosh, Parag Narkhede	Heritage Tourism-A tool for the Socio-economic and Socio-culture development of a Region	ICFU-International conference on Future is Urban-Nirma University, Gujrat
3	Medha Naik, Suddhasheel Ghosh, Parag Narkhede	Spatial and temporal aspects of Neighbour-hood impacting Environment	LCIC 2022-Life cycle innovation Conference, Germany
Applied Science			
1	K. R. Zakde	Concentration-Dependent Diffusion Constant For Mass Transport Through Membranes, ISSN: 0025-0422, UGC Care listed Group-I	Journal of the Maharaja Sayajirao University of Baroda
2	K. R. Zakde	Time Evolution of Lead from Lead Acetate in electrodeposition, ISSN: 2455-0620 Special Issue : 21, Jan – 2021 Monthly, Peer-Reviewed, Refereed, Indexed Journal with IC Value: 86.87	International Journal For Innovative Research In Multidisciplinary Field
3	A. B. Itolikar	Interpretation of the backscattering coefficient for distinct Indian lakes using Sentinel-1 SAR imagery	International Journal. Ind. Geophys. Union, 26(3) (2022), 195-206
4	A. B. Itolikar	Fractal Analysis of Sentinel-1 Synthetic Aperture Radar (SAR) Imageries of Bhopal and Udaipur Regions of India	International Conference on Advanced Materials & Processes for Engineering Applications (ICAMP-22), 8-9th July 2022. (Paper ID: ICAMP 0722-0338).
5	L. D. Chavan	An efficient synthesis of 2H-indazolo [2,1-b] phthalazine-triones catalyzed by 11-molybdo-1-vanadophosphoric acid under solvent-free conditions" presented in national conference	National conference "Novel trends in Chemical Sciences 2021" organized by Govt. Digvijay Auto. P. G. College, Rajnandgaon (C.G)
6	L. D. Chavan	Cesium salt of 2-molybdo-10-tungstophos-phoric acid as an efficient and reusable catalyst for the synthesis of uracil derivatives via a green route	RSC Advances ISSN No: 2046-2069 RSC Adv., 2021, 11, 33980–33989,
7	L. D. Chavan	H3PMo7W5O40•24H2O catalyzed access to fused pyrazolopyranopyrimidine derivatives via one-pot multicomponent synthesis: green chemistry	"Monatshefte für Chemie ISSN No: 1434-4475"
8	L. D. Chavan	A simple and efficient protocol for the synthesis of quinoxaline derivatives using recyclable H5PW6Mo4V2O40.14H2O catalyst""	Synthetic Communications, ISSN No: 0039-7911
9	S. N. Deshmukh	"Envirocat EPZG Mediated Synthesis of 3,4-Dihydropyrano[c]chromene De-rivatives Under Microwave Irradiation in Solvent-free Conditions"	Orbital The Electronic Journal of Chemistry

Sr. No.	Name of Author	Research Paper Title	Publication details
10	S. B. Sapkal	Synthesis of 9,10-dihydro-9,9-dimethy l-12-phenyl-8H-benzo[a]xanthen-11(12H) -one derivatives promoted by Tartaric acid under ultrasound irradiation	Int. J. Creative research thoughts, 10,2, 2022, 35-40.
Master of Computer Application			
1	S.S.Magare	Controlling Led by Voice Command, Timer and Human Presence Detection	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429 Volume 9 Issue VIII Aug 2021
2	S.N.Bhosle	Whatsapp Chat Analyzer	International Research Journal of Modernization in Engineering Technology and Science, Volume:04, e-ISSN: 2582-5208, pp. 3419-3424
3	S.S.Magare	Virtual private Cloud	International Research Journal of Modernization in Engineering Technology and Science, Volume:04
4	V. S. Agrawal	Preditctive Analysis of placement of students using machine learning algorithm:Decision Tree	Journal of Data Mining and Management (e-ISSN: 2456-9437)
5	S.R.Kondekar	Virtual Private Network	International Research Journal of International Research Journal of and Science(IJETS),Volume 4, Issue 05, May 2022, Impact Factor-6.752
6	S.R.Kondekar	Big Mart Sales Prediction	International Research Journal of International Research Journal of and Science(IJETS),Volume 4, Issue 05, May 2022, Impact Factor-6.752
7	S.S.Deshmukh	Book Recommendation System	International Research Journal of Modernization in Engineering Technology and Science, Volume:04/Issue:05/May-2022
8	S.S.Deshmukh	Image Encryption And Decryption	International Research Journal of Modernization in Engineering Technology and Science, Volume:04/Issue:05/May-2022

Table 48: Research papers publication by faculty members of Institute of Management & Research

Sr. No.	Name of Author	Research Paper Title	Publication details
1	Hrishikesh S Kakde	Education 4.0: What do stakeholders know and what matters to them?	Emerging trends in Management and Technology
2	Hrishikesh S Kakde	Investment: what drives an individual to prefer an avenue?	International Journal of Accounting and Financial Management
3	Hrishikesh S Kakde	Leveraging information and communication technology (ICT) for financial inclusion through dissemination of financial education	International Engineering Journal For Research & Development
4	Hrishikesh S Kakde	An impact of covid-19 on the financial wellness of salaried class : a study of Aurangabad city	International Engineering Journal For Research & Development
5	Hrishikesh S Kakde	An investigation of factors that influence postgraduate students' entrepreneurial intentions	International Journal of Applied Research
6	Bhakti Banwaskar	Analyzing the Impact of employment strategies on sustainable performance of Banks in a Post Pandemic Era	Emerging trends in Management and Technology
7	Chanpreet Kaur Gulati	An investigation of factors that influence postgraduate students' entrepreneurial intentions	Emerging trends in Management and Technology
8	Chanpreet Kaur Gulati	Impact on Co-Operative Banking in Maharashtra State A Study	IRTM 2022 (International Conference On Interdisciplinary Research in Technology & Management)
9	Chanpreet Kaur Gulati	Current trends in education 4.0 : a literature review	International Engineering Journal For Research & Development
10	Chanpreet Kaur Gulati	A Student's Perspective on Blended Learning: Towards a Resilient Education	International Engineering Journal For Research & Development
11	Chanpreet Kaur Gulati	An investigation of factors that influence postgraduate students' entrepreneurial intentions	"Fostering Resilient Business Ecosystems and Economic Growth: Towards the Next Normal"
12	Dr. Kunal Gaikwad	A study of the highly preferred social networking apps among the users of Aurangabad city	International Engineering Journal For Research & Development
13	Dr. Kunal Gaikwad	An analytical study on saving and spending behaviour of people during Covid-19	International Engineering Journal For Research & Development
14	Dr. Jitendrasinh Jamadar	A review on strategic models of sports in India to become successful in International Tournaments	International Journal of Health Sciences
15	Dr. Jitendrasinh Jamadar	Post pandemic protocols & practices adopted by housekeeping in Five Star hotels	International Journal of Health Sciences
16	Prof. Tanuja Dubey	An empirical study on emotional biases affecting the investment decision among the indian investor	Re-Imagining Business and Re-Skilling Workforce for Emerging Digital Ecosystem on February 13, 2021.
17	Prof. Tanuja Dubey	An empirical study on biases affecting the investment decision among the indian investor in the new normal	Advancing Management: Innovation, Engagement, and Impact in the post COVID era

Sr. No.	Name of Author	Research Paper Title	Publication details
18	Prof. Tanuja Dubey	Impact of behavioral biases and personality traits on investment decision making: an empirical study	Fostering a Resilient Business Ecosystems and Economic Growth: Towards the Next Normal
19	Prof. Tanuja Dubey	Impact of FIIS on Performance of Nifty" during the Pandemic Situation	ISSN – 0211-2574, Indexed in Elsevier Scopus

Table 49: Research papers publication by faculty members of College of Journalism & Mass Communication

Sr. No.	Name of Author	Research Paper Title	Publication details
1	Dr. Tanveer Ahemad	Communication and Challenges of Capacity Development: A Case Study of Bagru Hand Block Printing	International Journal on Textile Cloth and Culture
2	Dr. Tanveer Ahemad	Social Media and Depression in COVID-19: Developing a Logistic Regression Model	Indian Journal of Natural Sciences

Table 50: Research papers publication by faculty members of College of Fine Arts

Sr. No.	Name of Author	Research Paper Title	Publication details
1	Devidas Agase	Symbolisim in indian trible tatoo	AJANTA- International Multidisciplinary Quarterly Research Journal, ISSN- 2277-5730
2	Anil Chouhan	Theory of art by barnand Bosancus	AJANTA- International Multidisciplinary Quarterly Research Journal, ISSN- 2277-5730

Table 51: Research Paper publication by faculty members of Institute of Hotel Management

Sr. No.	Name of Author	Research Paper Title	Publication details
1	Kapilesh Mangal	Minutely analyzing the role of motivation and its impact on the work performance of an employee – a crucial factor for a desired Organizational Behavior	International Conference on Hospitality & Tourism - Revival Strategies
2	Pushpa Gore	Significance of ICT And Social Network For Customer Relationship Management	International Conference on Sustainable Business Practices and Challenges in Management, Humanities, Higher Education & Sciences Pune
3	Pushpa Gore	Significance of Customer Feedback System as an effective CRM strategy in the Hospitality Industry.	Asian Journal of organic & Medicinal Chemistry (Special Issue on current research Trends in Management , Science and Technology)
4	Pushpa Gore	Mumbai's Luxury Hotels and the Foreign-Language Capabilities of Their Front-office staff from a manager's viewpoint	2nd International Conference on Hospitality and Tourism Revival Strategies organized by Institute of Hotel Management , Catering and Nutrition PUSA, New Delhi
5	Aarohi Zade and Dr. Jitendrasinh Jamadar	The Effect ofn Hotel Industry Post Pandemic: Challenges & Concerns	International Conference on Post Pandemic Challenges & Concerns

Table 52: Research papers publication by faculty members of Dr. G. Y. Pathrikar College of Computer Science & Information Technology

Sr. No.	Name of Author	Research Paper Title	Publication details
1	Dr. P. D. Deshmukh	An Efficient Multi Class Alzheimer Detection Using Hybrid Equilibrium Optimizer with Capsule Auto Encoder	Multimedia Tools and Applications (Springer-Open Access) January 2022
2	Dr. P. D. Deshmukh	Deep Learning Based Brain Tumor Segmentation: Recent Updates	Rising Threats in Expert Applications and Solutions(Springer) Proceedings of FICR-TEAS January 2022
3	Dr. P. D. Deshmukh	Forecasting Solar Energy on Time Frame: A Review	Rising Threats in Expert Applications and Solutions(Springer) Proceedings of FICR-TEAS January 2022
4	Dr. Sanjay Azade	Heart Attack Detaction Using IOT and Machine Learning Algorithm	National Journal, Purana, 2022
5	Dr. Kale V. K.	Machine learning in healthcare	Intternational Conference on Advances in Computer Science (ICACS2022)
6	Dr. kale V. K.	A Systematic Review of Blockchain Technology and Its Applications in Different Sectors of Industry and Society	Intternational Conference on Advances in Computer Science (ICACS2022)
7	Ms. Satonkar S.V.	Systematic Review of Dental Biometrics Based on Dental Radiographs	Asian Journal of Organic & Medical Chemistry ISSN: 4256-8937
8	Rita B. Patil	Learning Based Brain Tumor Segmentation: Recent Updates	Rising Threats in Expert Applications and Solutions(Springer) Proceedings of FICR-TEAS January 2022
9	Ms. Kumbhakarna V.M.	AI based NLP Assistant for Automatic Detection of Coronavirus Disease (COVID-19) Using chest CT and X-ray Radiology Reports :A Technical Survey	IRJES (International Refereed Journal of Engineering and Science) January 2021
10	Patodkar N. S.	An Efficient Multi Class Alzheimer Detection Using Hybrid Equilibrium Optimizer with Capsule Auto Encoder	Multimedia Tools and Applications (Springer-Open Access) January 2022
11	Patodkar N. S.	Deep Learning Based Brain Tumor Segmentation: Recent Update	Rising Threats in Expert Applications and Solutions(Springer) Proceedings of FICR-TEAS January 2022
12	Ms. Dhawale A.D.	Experimental Evaluation andApproach of Enhancement in Generation of Automatic Unsupervised Extractive Text Summarization of Marathi Text By Using Machine Learning Algorithm	Journal of Machine and Computing 2(1) (2022)
13	Mr. Komte R.S.	Women violences Detection Techniques Using ICT : An Review	International Organization of Sceintific Research (IOSR-JCE) march 2022
14	Dr. Sankaye S.R.	A comparative study on different types of soil sensors for analysis of soil fertility: A Review	Advances in Computational Sciences (ICACS-2022) May 2022
15	Dr. Naiknaware B.R.	Detection of peoples opinion from unstructured data on Uttar Pradesh Assembly Election-2022 using Sentiment Analysis Techniques	Emerging Researchers Binational Conference Emerging Conference on Computer Science, Mathematics and Information Technology Computer Technology
16	Dr. Nagsen Bansod	The positive traits related to stock trades using machine learning approach	Journal of Emerging Technologies and Innovative Research (JETIR) 3/1/2022

Sr. No.	Name of Author	Research Paper Title	Publication details
17	Dr. Nagsen Bansod	Image Acquisition for Biometric Face Recognition	Recent Advances in Biometrics, 2/1/2022
18	Dr. Sarika Shelke	Predictive Analysis of Placement of Students Using Machine Learning Algorithm: Decision Tree"	Recent Advances in Biometrics, 2/1/2022
19	Dr. Rasika Wadalkar	An Analytical Study of Electronic Resources in Constituent College Libraries of MGM University Aurangabad	JIJNASA A Journal Of The History Of Ideas & Culture.Vol. 38,No.3, 2021
20	Dr. Rasika Wadalkar	A Study On Preservation And Conservation Practice And Techniques Used In MGM College Libraries.	Research Journey , International E-Research, Journal Vol -VIII,Issue-II, 2021
21	Dr. Rasika Wadalkar	A Bibliometric Study Of Journal Of Knowledge Cultures	NIU International Journal of Human Rights, Vol 9, Issue -I 2022
22	Pooja vaidya	The Role and Impact of HR Personnel for the successful growth of Organization during the COVID -19 pandemic	COVID-19 – The Showcase of Potential in Indian Economy, July 2021
23	Pooja vaidya	Effect of Agile project management on sustainability	ICDTSD-2022, IMERT, Pune, Feb 2022
24	Pooja vaidya	The ability and agility to adapt the challenges and opportunities to have creative and innovative ideas while post pandemic	Online International Conference on Post pandemic World order challenges and Opportunities, March 2022
25	Mr. Gore D.B.	A Multi-Modal Fusion Data Analysis for Ear And Face Identification Technique Using Digital Image Processing	Asian Journal of Organic & Medical Chemistry March 2022
26	Mr.Somnath D.Suradkar	Position of Library in Digital Era: Opportunities and Challenges	National Web-Conference, August 2021

Table 53: Research papers publication by faculty members of Institute of Bioscience & Technology

Sr. No.	Name of Author	Research Paper Title	Publication details
1	Diwan, A.D., Harke, S.N., Gopalkrishna, Panche, A.N.	Aquaculture industry prospective from gut microbiome of fish and shellfish: An overview	Journal of Animal Physiology and Animal Nutritionthis link is disabled, 2022, 106(2), pp. 441–469
2	Shruti Nilesh Pingle, Shruti Tanaji Suryawanshi, Kiran Ramesh Pawar, Sanjay N Harke	The Effect of Salt Stress on Proline Content in Maize (Zea mays)	Environmental Sciences Proceedings
3	Dr Ashwinikumar B Kshirsagar	In-Vitro callus induction in rose (Rosa hybrida)	Bioinfolet: A Quarterly Journal of Life Sciences

Table 54: Research papers publication by faculty members of Institute of Social Sciences

Sr. No.	Name of Author	Research Paper Title	Publication details
1	Dr.Avinash Gore	Equitable Access of Quality Education:A Social Work Approach/Perspective	National Journal DYUTI-2022
2	Dr.Avinash Gore	Community Resilience During Covid-19 pandemic:a Study on coping Mechanism of Families'	National Conference on Multilingual National, IIFL, MGMU
3	Dr. Balasaheb Sarate	A Study of Nature & Causes of Economic Inequality in India	Vidyavarta International Multilingual Research Journal

4	Dr Sheetal Khandre	A Study of Impact of COVID – 19 in the Indian Education Sector	International Journal of all Research Education and Science Methods
5	Dr Sheetal Khandre	A Study of NPAS and It's Impact on Productivity	International Indian Journal of Natural Sciences, UGC Care Listed Group – 2
6	Dr Sheetal Khandre	Sustainable Development Goal Reduce Inequality: Challenge in Indian Economy	India as an Emerging Global Power: Past, Present and Future UGC Care Listed Group 1 Journal Purana Vol. LXIV No.1 (II) 2022 Jan – June 2022 ISSN No. 0555 - 7860)
5	Dr Sheetal Khandre	Analysing The Non-Performing Assets of Selected Public and Private Sector Banks	India as an Emerging Global Power: Past, Present and Future UGC Care Listed Group 1 Journal Purana Vol. LXIV No.1 (II) 2022 Jan – June 2022 ISSN No. 0555 - 7860)
6	Dr Sheetal Khandre	Inequality: A Problem for the Indian Economy	World Economy (UGC Care Listed Group – 1 (SCOPUS) AUSTRALIAN BUSINESS DEAN COUNCIL (ABDC) B Rating)
7	Dr Sheetal Khandre	A Study of Economic Crisis Special Case of Sri Lanka	Journal of East China University of Science and Technology, UGC Care Listed Group – 2 (SCOPUS INDEX)

14.3 Patents Awarded

Jawaharlal Nehru Engineering College

- Dr. Vijaya Musande and Varsha Gaikwad have been awarded patent on "A system for monitoring health condition of a crop and a method thereof"
- Dr Parminder Kaur and K. V. Kale have been awarded patent on "A Superpixel Based Deep Neural Network System For Satellite Imagery".
- Dr. S. C. Tamane and Ms Manjusha Tatiya, have been awarded patent on "A System to extract a data and provide a data security using mashup tools and aspect oriented programming".
- Dr. S C Tamane and Ms Vrishali Chakkarwar have been awarded patent on "A system and a method for topic modelling of unstructured text".
- Dr. M. S. Kadam has been awarded with a patent on "An Apparatus for analysis of surface roughness by fiber laser machine".
- Dr. S C Tamane and Ms. Deepa Dharmadhikari have been awarded patent on , "A Secure cloud-based E-Healthcare System for a Multitenant Architecture".
- Mr. G. R. Basole, S. D. Gavarskar, Dr. S. N. Pawar, T. A. Mohije have been awarded with a patent on the topic of "Solar Based entertainment and decorative satellite for FM Radio and LED Glow (KAJWA) the singing firefly".
- S. D. Gavarskar has received a patent on the topic "Noval Dyanamic time and Frequency domain approach for removing noise from audio signal".
- Prof. S. D. Gavraskar, Prof. G. R. Basole, Dr. S. N. Pawar, Dr. S. A. Naveed, M. U. Popale, Dr. Mohmad Sadeque, Dr. R. W. Gaikwad have filed patent on the topic of "Low cost, innovative, modifiable extended flow meter with remote access of data".
- Dr. V. B. Malode has been awarded a patent on the topic of "Heart disease detection device" and "A System and Method For Early Diagnosis Of Heart Attack"
- Dr. S. N. Pawar has published patent on "Improved Dynamic clustering routing for internet of things enabled wireless sensors networks".
- Dr. R. W. Gaikwad, has received a patent on "Method and process to solve the water Problems in Rural Areas".
- Dr. Ashish B. Itolikar, has filed patent on "Water Oil Separator".

Dr. G.Y. Pathrikar College of Computer Science and Information Technology

- Dr.Azade S.Y. has been awarded patent on the topic of "IoT Based Intelligent Umbrella System Using Python Language".
- Ms. Sawane D.V. has been awarded international patent on the topic of "An Approach to Extract the Relation and Location from the Short Stories".

14.2 Ph. D. Awarded

Jawaharlal Nehru Engineering College

- Dr. C. S. Khandelwal has completed her Ph. D. on the topic of "Application of Principal Component Analysis in Multimodal Biometrics system" under the guidance of Dr. Ranjan Maheshwari, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- Dr. Anant Wasudeorao Nemade has completed his Ph. D. on the topic of "Investigation of Thermal Performance in Braking System of LMV: Development of Novel Liquid Cooled Brake Disc" on June 16, 2022 under the guidance of Faculty and Ph. D. Guide Dr. Arvind Laxmikant Chel, Department of Mechanical Engineering, JNEC, Aurangabad.

College of Journalism and Mass Communication

- Dr.Vivek Rathod has been awarded Ph. D. on the topic "Social Media: Nature, Scope and Challenges in the context of Rural Development" under guidance of Dr. Rekha Shelke, Principal, College of Journalism & Mass-Communication, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

Dr G Y Pathrikar College of Computer Science and Information Technology

- Dr. Pundge A.M. has been awarded Ph. D. on the topic of "Development of Intelligent Anwswering System for online subjective examination" under the guidance of Dr. S. Namrata, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

14.5 Post-Doctoral Research

Institute of Biosciences and Technology

- Dr. Archana Panche faculty of Institute of Biosciences and Technology has been selected for Post-Doctoral research at DTU Biosustain, Technical University of Denmark. On the topic of "Design bacterial strains".

14.6 Conferences Arranged at MGM University

Table 55: Conferences arranged

Name of the Conference	Date	Organized by
87th Annual Conference of the Indian Mathematical Society and International Meet (Online)	04.12.2021 to 07.12.2021	Jawaharlal Nehru Engineering College
National Conference on Changing Trends in Language Literature, Social Sciences and Physical education	23.04.2022	Institute of Indian and Forgin Languages
Two days International conference on Women in 21st Century	12.03.2022 to 13.03.2022	Journalism and Mass communication

14.7 Research Grants

MGM University has received several research grants for its track record of quality research work. Below are the details of the grant received by its flagship college Jawaharlal Nehru Engineering College.
Scheme: MODROB – ASP for year 2021-22 granted to Jawaharlal Nehru Engineering College.
Title of the Project: Modernization of the Chemical Engineering Research Laboratory
Duration: 2 years

Table 56: Research budget at MGM University

2020-21 (Rs. In Lakh)	2021-22 (Rs. In Lakh)	2022-23 (Rs. In Lakh)
134.08	223.52	375.00

- Seminar and conferences related to R & D : 26.05 Lakh
- CSR Fund for Innovative Research by Teachers and Students: 2 Crores

14.8 Consultancy

The conducted colleges of MGM University provide consultancy and professional services to clients and use the funds thus generated for the development of educational facilities in the colleges.

Table 57: Funds generated through Consultancy projects

Sr. No.	Name of Institute	Amount (Rs.)
1	Institute of Bio-science & Technology	3,15,009
2	Deaprtment of Film arts	18,29,840
3	Jawaharlal Nehru Engineering College	13,77,250
4	Innovation Incubation and Research Center (IIRC)	1,71,750
	Total	36,93,849

15. Faculty Development Activities

A large number of faculty development activities are conducted throughout the year to upgrade and enhance their skills and knowledge. Some of the major faculty development activities are listed below:

Table 58: Faculty development programs

Sr. No.	Title of FDP	Date	Duration	Organised by
1	Case Method Training	11.12.2021	1 day	Institute of Management & Research
2	Advanced Statistical Tools	02.09.2021 to 08.09.2021	7 days	
3	Developing Research orientation of Academicians in Higher Education Institutes	28.04.2021	1 day	
4	Emotional Intelligence	29.07.2021 to 30.07.2021	2 Days	Jawaharlal Nehru Engineering College
5	AI and ML	26.02.2021 to 27.02.2021	02 Days	University Department of Information and Communication Technology
6	Blockchain and It's Applications	08.03.2022 to 10.03.2022	03 Days	University Department of Information and Communication Technology
7	Advances in Chemical Engineering	24.05.2021 to 26.05.2021	2 Days	Chemical Engineering, Jawaharlal Nehru Engineering College
8	AICTE-ISTE Induction Program	18.02.2022 to 24.02.2022	6 Days	Computer Science & Engineering, Jawaharlal Nehru Engineering College
9	Professional Wine Knowledge	26.04.2022	1 Day	Institute of Hotel Management
11	Beer Manufacturing Process	05.03.2022	1 Day	

16. Achievements, Awards and Recognitions

MGM University: NAVBHARAT EDUCATION AWARD 2021, BEST PRIVATE UNIVERSITY

Jawaharlal Nehru Engineering College

- Dr. R. W. Gaikwad has been awarded Shri S.V. Patwardhan Memorial Prize for his article - "Intensification of Sedimentation Process Using Downward Facing Wall Effect" in IWWA journal at the 54th Annual Convention of IWWA, Lucknow 2022.
- Dr. Arvind Chel is awarded Dedicated Referee Service 2007-2020 and also awarded by Elsevier International Journal on Solar Energy.
- Dr. D. R. Dolas has been nominated as Vice Chairman of IIIE National Council.
- Prof. K.R.Jagtap and M. N. Bargir have been awarded with Automotive Machining Trainer National Award given by ASDC (Automotive Skills Development Council) & MSSDS (Maharashtra State Skill Development Society). They have also been awarded with the "Instructor for CNC Programming and Operations" organised by IGCC.
- Prof. Amit Deshpande served as a resource person in the 64th Annual NASA Convention 2022.
- Second Winner in Prime Badge-A-Thon organized by NASSCOM and MEITY
- Ranked Gold in AICTE CII Survey of industry linked technical institute.
- 2nd prize under category 6- "How innovatively institute is conducting classes for students" in UtkrishtSansthanVishwakarma Award (USVA), AICTE under the theme "INDIA FIGHTS CORONA"

College of Fine Arts

- Prof. Devidas Agase has been awarded the Prafulla Foundation Bronze National Award given to Emerging Artists. He has also been selected for an international exhibition organized by INKO centre, Chennai and participated in Anant art gallery Exhibition.
- Atul Kunjar has won state level competition in Miniature model making competition organized by Aurangabad Municipal Corporation.

Department of Photography

- Prof. Baiju Patil has been awarded with Indian Photography award, Better Photography Photographer of the Year, My FM Food and Lifestyle Award, Best Photographer award by Rotary Club of Aurangabad and Special mention for Nature in focus photography Award.

Institute of Management & Research

- Hrishikesh Kakde and Chanpreet Gulati won Best Research paper award in the International Conference held at KLH University.
- Dr. Pooja Deshmukh and Ms.Tanuja Dubey won Best Research paper award in the International Conference held at KIET School of Management, Ghaziabad.

Institute of Biosciences and Technology

- Dr. Sanjay N. Harke has been nominated as member of the DBT (Department of Biotechnology) Ministry of MOEF & CC New Delhi, DBT Representative in the IBSC of Harman Finochem Limited (HARMAN-1060) Shendra, COVID-19 Internal Technical Committee Member for Government of Maharashtra District Disasters Management Collector Office Aurangabad.
- Recognized National Programme on Technology enhance learning (SWAYAM-NPTEL, IIT Madras), 2020.

Dr. G. Y. Pathrikar College of Computer Science and Information Technology

- Dr. Deshmukh Prapti has authored two books "Programming Aspects of Core Java for Bioinformatics" and "Emerging Areas in Bioinformatics."
- Dr. Dnyaneshwari D. Patil has authored one book "Programming aspects of core Java for Bioinformatics."
- Swachatta Action plan Institution by Mahatma Gandhi National Council of Rural Education and Department of Higher education, Ministry of education, GOI

School of Film Arts:

Short film - "Chand Sanse" has won following recrograions

- Official Selection in Moscow shorts international Short Film Festival July 2021
- Rome independent Prisma Award, 11th Pune international short film festival
- Outstanding Achievement Award in World film carnival Singapore 2021

College of Journalism & Mass Communication:

Yuvak Biradari (Bharat) Youth Mock Parliament winner-2020 & 2021

17. Green and Sustainable Initiatives

17.1 Paper recycling unit : The Paper Recycling Plant at MGM Polytechnic College in the MGM campus transforms the scrap paper collected from the campus into paper bags, files and other stationery to be used by students and colleges.

17.2 Clean India : MGM University joined hands with Aurangabad Municipal Corporation to successfully implement Clean India - a sustainability project that raises awareness on waste disposal methods and eco-friendly practices to keep neighbourhoods clean. The waste-management model works for Aurangabad city, proving its viability, cost-effectiveness and financial sustainability at the source level.

17.3 Eco-friendly bio-treatment: Using sustainable and eco-friendly biotreatment, MGM University Clean India Centre transformed waste dumping areas at various locations in city; Central Naka, Kanchanwadi, Chikalthana, Padegaon, and Harsul into odour-free, fly-free and oxy-rich environments. The waste at Central Naka was further converted into compost.

17.4 Nucleus : A well-equipped Ceramic and Pottery studio. Students and faculty use the studio as a creative outlet and make beautiful pots, lamps, jars and other products.

17.5 E-Waste Management: The rapid evolution of technology and our consumption-driven society results in creating a massive amount of e-waste every minute. Instead of throwing its e-waste away, the facility centre at MGM University campus either repairs products bychanging a few parts or recycles them. The processis approved by Maharashtra Pollution Control Board and contributes to responsible disposal of e-waste.In today's era of climate change, using technologythat helps farmers and researchers, avert disasters and promotes sustainability is the need of the hour.

17.6 Automatic weather station: MGM University has launched a solar-equipped weather forecasting station that does exactly that. Featuring an advanced automatic forecasting system, it provides information about temperature, windspeed, direction, humidity, and 12 other parameters, for an area of 10 kms and 6 hrs in advance.

17.7 Solar energy project: Solar Energy is at the forefront of today's renewable energy arena, and the key to reducing carbon footprint. Taking a huge step towards self-sustainability, JNEC College has installed 30

and 10KWP solar panels on its roof. The street lights and most colleges at MGM University campus now run purely on solar energy.

17.8 Rainwater harvesting: Water scarcity in India is an ongoing crisis that affects nearly 600 million people each year. India has only 4% of the world's freshwater resources despitea population of over 1.3 billion people. Keeping this in mind, MGM University has taken yet another step towards self-sustainability. Implementing rainwater harvesting, MGM Trust has constructed storage tanks that preserve rainwater for droughts,regional water restrictions and to reduce demand on groundwater resources.

17.9 Sewage treatment and wastewater recycling plant : At a time when water scarcity has affected many partsof the Marathwada region, including Aurangabad, MGM University has taken the initiative to savewater. MGM Trust has developed a unique waste watert reatment project that recycles 6 lakh litters of sewagewater daily to maintain cleanliness and greenery on its premises. The campus has lush green vegetation,beautiful flowers and plants, and lower temperatures than other urban areas - all due to water recycling.

17.10 Farm foods : The sustainability philosophy of agricultural organic farming - to live in harmony with nature is deeply rooted in this novel initiative of MGM University.Themain objective is to increase environmental benefits,increase yields, and reduce prices while meeting thechallenges of climate change and products rangefrom vegetables, dairy products, pulp, and juices toset an example to the community about the benefitsand long-term gains of organic farming. One outlet of the organic farm produce has been set up inside thecampus. increase yields, and reduce prices while meeting the challenges of climate change and products range from vegetables, dairy products, pulp, and juices to set an example to the community about the benefits and long-term gains of organic farming. One outlet of the organic farm produce has been set up inside the campus.

17.11 Khadi and natural organic dyeing printing: The Mahatma Gandhi Mission Trust established a unique Khadi and Paithani Research Centre at Aurangabad in 2009 with an aim of promoting and preserving the traditional Indian fabrics India.

Khadi is a handwoven fabric made from cotton, silk, or wool. It is known for its softness, durability, and breathability. The fabric is produced using a traditional spinning wheel called a charkha, which was popularized by Mahatma Gandhi as a symbol of self-reliance and resistance against British colonial rule. Paithani is a traditional silk saree from Maharashtra, known for its intricate designs and vibrant colours. The sarees are made using special techniques and are considered to be one of the most elegant sarees in India.

The MGM Khadi and Paithani Research Centre promotes and preserves these traditional arts by providing training and employment opportunities to local artisans. The centre also conducts research on the production, marketing, and sale of Khadi and Paithani fabrics.

Additionally, it works to promote the use of these fabrics in modern fashion and design. One of the key activities of the organization is the training of local artisans and students in the traditional techniques of

weaving Khadi and Paithani fabrics. The organization provides training in spinning, weaving, and dyeing, as well as in the use of modern technology for the production of these fabrics. This training helps to improve the quality and consistency of the fabrics produced, as well as to increase the efficiency of the production process.

Another important activity of the centre is the promotion and marketing of Khadi and Paithani fabrics. The centre works to create awareness about the traditional fabrics by organizing exhibitions, fashion shows, and other events to showcase the fabrics. It also has its own shop and an online store to showcase and sell the products. Additionally, the centre works with designers to create new and innovative designs for the fabrics.

The research done by the centre in this area helps to identify the challenges and opportunities facing the industry, and to develop strategies for addressing these issues.

Additionally, the centre also strives to develop new markets for these fabrics. The Centre plays an important role in preserving and promoting the traditional Indian fabrics of Khadi and Paithani. Through its training and employment opportunities, promotion and marketing efforts, and research activities, the organization helps to ensure the sustainability and growth of these industries, while also preserving the cultural heritage of the region and the nation. As a recognition of the efforts and initiatives undertaken by the centre to promote and preserve the natural fabric of India, i.e. Khadi, it was honoured with the - Outstanding Work and Contribution towards Promoting 'Khadi' award by Government of India.

18. Interaction with Eminent Visitors

Eminent personalities from all walks of life are invited to visit the university campus and interact with students, faculty members and staff. Some eminent visitors are listed below:

Interaction with Eminent Visitors

Prof. Dr. Karbhari Kale
Hon'ble Vice-Chancellor BATU, Lonere & Acting Vice-Chancellor Savitribai Phule Pune University.

Prof. K.V.S. Sarma, Honble Vice-Chancellor, Maharashtra National Law University
Prof. Dr. Udhav Bhosale, Hon'ble Vice-Chancellor, SRTMU, Nanded
Prof. Dr. Sarjerao Nimse, Former Vice-Chancellor, SRTMU & Lucknow University

Interaction with Eminent Visitors

Shri. Rajesh A. Tope
Minister of Public Health (Maharashtra State)

Mr. Sanjay Raut
MP & Shivsena Leader

Hon'ble Uday Samant
Minister of Higher Education And Technical Education (Maharashtra)

Mr. Rakesh Tikait
Socialist

Celebrity Chef Vishnu Manoharji
Cooker Competition organised by IHM

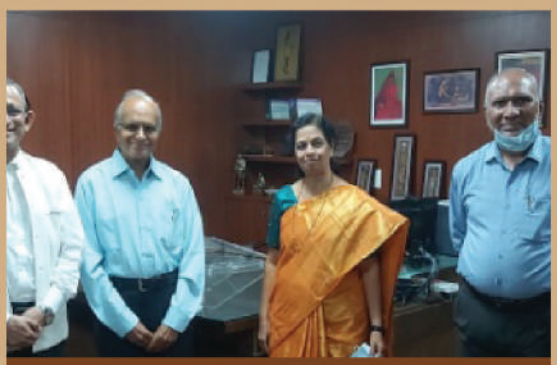
ANVESHAN (Phase I) Project Competition

One day Workshop
Revised Framework of Accreditation of NAAC - Dr.Devender Kawday, Dy. Advisor, NAAC, Bangalore.

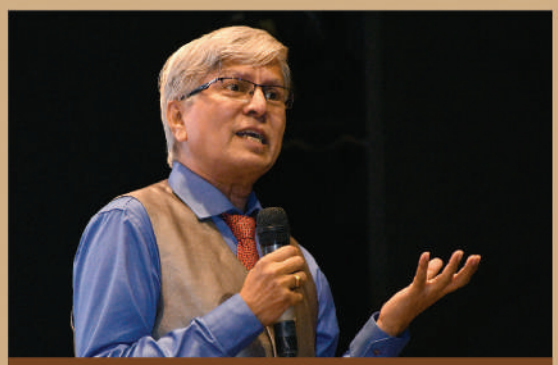
Interaction with Eminent Visitors

Dr. Devender Kawday
Deputy Advisor NAAC, Bangalore

Prof. Rajendra Kakade
Adviser, AICTE, New Delhi



Dr. Mrs. M. Dawande
Scientist & US Scholar, USA



Dr. Ajit Thete
Centre for Development of Leadership in Education

Prof. Anand Kumar
Super 30

Shri. Kailash Satyarthi
Nobel Peace Laureate

Smt. Manjiri Sinha
Musicologist & Critic

Mr. Purushottam Khedekar
Founder of Marathi Seva Sangh, Buldhana.

19. Infrastructure Facilities

MGM University has 13.29 acres of contiguous land leased from CIDCO, Aurangabad. Apart from 13.29 acres of educational plot wherein present buildings/infrastructure of educational institutions has been set up, a leased plot measuring 22.16 acres, exclusively for Sports/Stadium/Club purpose (adjacent plot with common boundaries with above educational plot) is part of the university. This plot is fully developed as Sports Complex with modern sports facilities and amenities.

19.1 Infrastructure Development

Modern Classrooms

All the classrooms of the university are well ventilated and equipped with modern audio/visual facilities. Below are number of classrooms in different colleges of the University:

College/Institute-wise classrooms

- Jawaharlal Nehru Engineering College has 43 classrooms.
- University Department of Information & Communication Technology has 2 classrooms.
- Institute of Fire Service Engineering has 1 classroom.
- Institute of Management and Research has 13 classrooms.
- Institute of Hotel Management has 9 classrooms.
- Institute of Biosciences and Technology has 10 classrooms.
- Dr. G.Y. Pathrikar College of Computer Science and Information Technology has 18 classrooms.
- College of Journalism and Mass Communication (CJMC) has 12 classrooms, including classrooms for Photography, Film Arts, Indian and foreign languages.
- Institute of Fashion Design has 3 classrooms.
- College of Fine Art has 5 classrooms.
- Department of Economics, Psychology, Education, Physical Education, Social Work, Gandhian Studies, Library & Information Science has 8 classrooms.
- MAHAGAMI Gurukul has 7 classrooms.

Hostel Facility:

MGMU campus has Hostel Facilities for girls and boys –all within walking distance - 1000+ girls and 500+ boys accommodation facility with AC and Non-AC rooms as per the students' choice are allotted.

Amenities and Facilities

MGM University has Spacious recreation room, Well-furnished study hall, A furnished visiting hall (for visitors), Round-the-clock security, Emergency alarm and fire extinguishers on each floor, Well-maintained and hygienic mess with spacious dining area, Laundry facility, Sick room, Recreation room, Supporting Services, Mess, Laundry and many more student amenities and facilities.

Internet Connectivity: 1GBPS ILL (1:1)

- Institute of Management has 1 computer
- Dr. G.Y. Pathrikar College of CS & IT has 4 projectors and 1 printer
- College of Journalism & Mass Communication has 1 projector and 1 display unit
- Mahagami Gurukul has 2 projectors.
- Institute of Fashion Design has 2 projectors and 1 printer.
- MGMU Admin Building 7 computers, 7 projectors, 1 printer and 14 display units.

Networking and Surveillance

- College of Journalism & Mass Communication has 3 WiFi Routers
- MGMU Admin Building has 4 access switches, 50 AP WiFi Routers, 2 DVR/NVR and 63 CCTV Cameras.

IT Peripherals

- Institute of Management and Research has 5 web cameras
- Dr. GY Pathrikar College of CS & IT has 10 speaker sets and 10 web cameras.
- College of Journalism & Mass Communication has 1 web camera
- Mahagami has 4 speaker sets
- MGMU Admin Building has 67 speaker sets and 4 web cameras.

Data Centre

MGM University has developed a dedicated Data Centre with networked computers for remote storage, processing and distribution of large amount of data related to the University. MGM University Data Centre at a Glance: (Core and Distribution Switches)

Table 59: Core and Distribution Switches

Sr. No.	Part Number Core Switch	Description	Quantity
1	JL658A	Aruba 6300M 24SFP+ 4SFP56 Switch	2
2	HL5S3E	Aruba 5Y FC NBD Exch HW 6300M 24SFP SVC [for JL658A]	2
3	JL085A	Aruba X371 12VDC 250W AC Power Supply	4
4	JL085A ACJ	INCLUDED: Power Cord - India localization	4
5	J9150D	Aruba 10G SFP+ LC SR 300m MMF Transceiver	10
6	J9151E	Aruba 10G SFP+ LC LR 10km SMF Transceiver	14
7	J8177D	Aruba 1G SFP RJ45 T 100m Cat5e Transceiver	4
8	JL487A	Aruba 25G SFP28 to SFP28 0.65m DAC Cable	2
9	Q9Y80AAE	Aruba Central 63xx/38xx Switch Foundation 5y Sub E-STU	2
	Distribution Switch		
10	JL724A	Aruba 6200F 24G 4SFP+ Switch	25
11	JL724A ACJ	INCLUDED: Power Cord - India localization	25
12	HR0L3E	Aruba 5Y FC NBD Exch HW 6200F 24G SVC [for JL724A]	25
13	J9151E	Aruba 10G SFP+ LC LR 10km SMF Transceiver	50
14	Q9Y75AAE	Aruba Central 62xx/29xx Switch Foundation 5y Sub E-STU	25
15	JL726A	Aruba 6200F 48G 4SFP+ Switch	2
16	JL726A ACJ	INCLUDED: Power Cord - India localization	2
17	HL1W5E	Aruba 5Y FC NBD Exch HW 6200F 48G SVC [for JL726A]	2
18	J9151E	Aruba 10G SFP+ LC LR 10km SMF Transceiver	4
19	J9283D	Aruba 10G SFP+ to SFP+ 3m DAC Cable	4
20	Q9Y75AAE	Aruba Central 62xx/29xx Switch Foundation 5y Sub E-STU	2
21	APC/Vertiv	500 VA UPS with internal Battery 5 to 10 min Back up	25
	Admin Building Access Switch		
22	JL675A	Aruba 6100 48G CL4 4SFP+ Switch	2
23	JL675A ACJ	INCLUDED: Power Cord - India localization	2
25	HY2M0E	Aruba 5Y FC NBD Exch HW 6100 48G CL4 SVC [for JL675A]	2
26	J9150D	Aruba 10G SFP+ LC SR 300m MMF Transceiver	2
27	Q9Y70AAE	Aruba Central 25xx/6100/8-12p Switch Foundation 5y SuE-STU	2

Sr. No.	Part Number Core Switch	Description	Quantity
	Wi-Fi Devices		
28	R4W43A	Aruba AP-565 (RW) Outdoor 11ax AP	25
29	HU4T6E	Aruba 5Y FC NBD Exch HW AP-565 Otdr SVC [for R4W43A]	25
30	R6P67A	AP-POE-ATSR 1P SR 802.3at 30W Midspan	25
31	JW053A	AP-270-MNT-V2 AP-270 Series Outdoor Pole/Wall Short Mount Kit	25
32	JW119A	PC-AC-IN India AC Power Cord	25
	NMS-Aruba Central		25
33	Q9Y60AAE	Aruba Central AP Foundation 5y Sub E-STU	25
34	R2H28A	Aruba AP-505 (RW) Unified AP	25
35	HP9W8E	Aruba 5Y FC NBD Exch HW AP-505 SVC [for R2H28A]	25
36	R6P67A	AP-POE-ATSR 1P SR 802.3at 30W Midspan	25
37	R3J18A	AP-MNT-D AP mount bracket individual D: solid surface	25
38	JW119A	PC-AC-IN India AC Power Cord	25
39	JY728A	AP-CBL-SERU Console Adapter Cable	2
40	Q9Y59AAE	Aruba Central AP Foundation 5y Sub E-STU	25
	Server		
39	P24842-B21	HPE DL380 Gen10 4214R 1P 32G NC 8SFF Svr	1
42	865414-B21	HPE 800W FS Plat Ht Plg LH Pwr Sply Kit	1
43	881457-B21	HPE 2.4TB SAS 12G 10K SFF SC 512e DS HDD	6
44	BD505A	HPE iLO Adv 1-svr Lic 3yr Support	1
45	P00924-B21	HPE 32GB 2Rx4 PC4-2933Y-R Smart Kit	7
46	P11058-B21	MS WS19 (16-Core) Std ROK en SW	1
47	P18422-B21	HPE 480GB SATA RI SFF SC MV SSD	1
48	HS7Y7E	HPE 3 Year Tech Care Essential DL380 Gen10 Service	1
49	U4554E	HPE Install ProLiant DL38x(p) Service	1
		Smart Rack	
		Vertiv Smart Cabinet Model : SC 13AC	1
		with 10kva UPS & 42AH x 18nos batteries and rack links	
		Part Code : 5060S0130000 Automatic, Regulatory Apparatus, for IT Systems, SC-1-3	

Server and Network devices

- Servers (14nos.): High end Latest servers using for hosting and running various Applications.
- Core Switches (4 nos) : Layer 3 switches used for creating multiple VLAN in various departments throughout the campus
- Distribution Switches (25 nos): switches used for distributing end to end 10Gig network in various departments all over the Campus.
- Access Switches (178): Manageable Switches used for maintaining end to end Gigabit network.

Data Centre Allied Systems

- Fire alarm system
- Gas Suppression system
- Alert Systems
- CCTV
- Access Control System
- Water leak detection system
- Rodent Repellent system

19.2 University Library

All constituent colleges & institutes of the university have their own libraries. The Central Library is the state of the art facility which has grown from a small collection of books in 1983 to a rich treasure house of thousands of books, journals and periodicals. The Library is spread over 1587 square meters across three floors with well-designed furniture suited for long duration stay of students in reading rooms. The library has a rich and diversified collection of books, titles, e-books, e-journals, print journals, NPTEL video lectures, Book CDs in circulation, reading room, book bank and reference section.

The college has subscribed to DELNET (Developing Library Network) which ensures the availability of books from other libraries across India. The JNEC Library apps are available on the Google Play store for the effective utilization of library services by students in case of an unprecedented situation. Library also provides facility of URKUND antiplagiarism software to promote ethical research work by the students and researchers.

To fulfil students learning needs, all the constituent colleges, institutes and departments have collection of E-journals, Print journals, E-books and Print books.

Library infrastructure enhancement for the year 2021-22:

- The Jawaharlal Nehru Engineering College library has 860 E-journals, 125 Print journals, 20,826 E-books, 684 print books (titles), 1,946 print books (volumes), 182 Book CDs, and 4 journal magazines.
- The Institute of Journalism and Mass Communication library has 173 E-journals, 3 Print journals, 14 Print books (titles), 85 Print books (volumes), and 17 journal magazines.
- The School of Film Arts and the School of Photography library has 13 print books (titles), 13 print books (volumes).
- The Institute of Fashion Designing library has 47 Print journals, and 10 journal magazines.
- The Institute of Management and Research library has 759 E-journals, 52 Print journals, 1,326 E-books, 29 print books (titles), 75 print books (volumes), and 2 journal magazines.
- The Institute of Hotel Management library has 1,590 E-journals, 5 Print journals, 10,705 E-books, 23 print books (titles), 33 print books (volumes) and 4 journal magazines.
- The Institute of Biosciences and Technology library has 222 print books (titles), 332 print books (volumes), 2 Book CDs.
- The Dr. G. Y. Pathrikar College of CS & IT library has 4,011 E-journals, 8 Print journals, 1,50,800 E-books, 52 print books (titles), 185 print books (volumes), 52 Book CDs, 65 Journal CDs, and 20 journal magazines.

E-resources:

- GALE Cengage Learning (General Engineering e-journals) has 2233 e-journals.
- DELNET (Library Network) has 400 e-journals and 10,839 e-books.
- Springer Link has 10,141 e-books.
- Elsevier's Science Direct has 296 e-journals.
- ASME has 31 e-journals and ASCE has 37 e-journals.
- Springer Nature has 274 e-journals in Engineering and Computer Science and 174 e-journals in Chemistry and Material Science, with a total of 300 e-journals.

Knowledge Resource Centre

- Member of National Digital Library
- Library Automation using JUNO CAMPUS ERP Library module

- Smart card application
- Barcode systems
- Cloud based OPAC facility for searching Library books with locations
- Internet labs and MOOCs center
- CCTV Cameras and Fire alarm system
- Membership of DELNET & INFLIBNET ESS for subscription of packages
- OURIGINAL/URKUND Anti plagiarism software

Subscriptions

- 1,076 E-Journals for Social Sciences, Management and Engineering & Technology
- 275 E-Journals are available for Engineering & Computer Science
- 10,141Springer E-Books are available for Engineering and Technology
- 123 E-Journals are available for Management discipline
- OURIGINAL (Formerly URKUND) Anti Plagiarism software

Print journals have been subscribed as per the guidelines of AICTE and UGC

19.3 Sports Facilities

MGM University believes in and emphasizes on an all-round development of its students. Therefore, along with quality education, it promotes a culture of sports and fitness andhas built ultramodern sports facilities in the campusto nurture the sporting talent of the students and encourage them to maintain a healthy lifestyle. The university also offers attractive sports scholarships. MGM Students train under national level coaches and participate in national and international championships.

Cricket:

The cricket ground with a pavilion and 10,000 seating capacity spread over 38314.37 Sq. Mt area within the campus is a remarkable facility for students. Under theguidance of NIS Coach Sagar Shewale with a world-class cricketing infrastructure. A cricket league 'MGM T20 Trophy' is hosted by MGM every year in December, where players from all over country are invited to participate.

Swimming Pool:

Swimming is a fitness activity that provides fun, excitement and ensures good health. The Olympic sized swimming facility that forms a formidable facility at our campus, we stand tall from the rest. It is operated as a competition pool and is used to enhance the swimming skills of the swimmers. Its dimensions help the swimmers to be ready to take swimming as a profession and compete at the highest levels.

1. Divers' Pool: A dedicated swimming pool for the divers to provide them with an instructional scuba diving facility. Our divers pool work as a tool for passionate swimmers to amaze their friends and peers through some practice and even themselves.
2. Learners' Pool: The Learners pool is 21 meters long, 9 meters wide and is 1.2 meters at its deepest point. The pool is always under professional surveillance and our coaches do an excellent job in guiding the learners to learn to swim.

Football:

At MGMU the consistent focus is on individual development. Through individual coaching and individual programs, players need to have their own daily routine to be able to continuously and consistently grow and

evolve. Under the guidance of Coach Rahim Khan MGM aims to produce young players with the skills, qualities and attributes needed to play professional football at the highest level. The football fields have an earmarked area of 9589.64 sq. mt in the campus.

Lawn Tennis:
In an area of 2733.66 sq. mt. is set 5 courts where students are trained under the guidance of former national coach.

Badminton:
For Badminton lovers, there are 3 top-class wooden courts with an area of 1050.74 sq.mt. and students can gain the guidance of professional coaches to move their game to the next level.

Rifle Shooting:
Under the guidance of Coach Sangram Deshmukh with a dedicated area of 433 sq.mt. in the MGM campus shooting rangeprovided with 10 non-ac ranges for beginners and 10 ac ranges for professional shooters and is comparable to international levels.

Table Tennis:
Table tennis court set up in a dedicated area of 241.76 sq. mt facilitated with international level facilities with 8 tables and students are trained with professional standards.

Gymnasiums:
Health and fitness facilities spread across 2150 sq. ft with well-equipped state-of-the-art machines and equipment, well organized and spacious workout places. From fitness balls to treadmills, from step mill to stretching mats, either cardio or free weight systems withvarious fitness activities like GFS, Zumba are conducted by our professional fitness experts.

19.4 New Facilities

New Administrative Building:
MGM University has built a new Administrative Building in its campus to centralize and streamline the administrative function of the university. All the administrative departments including the accounts, HR, Examination sections and the offices of Chancellor, Vice Chancellor and Registrar have been shifted to the new building. With a total built up area of 28701 sq. ft., the building has a Basement+ Ground floor + 3 floors structure.

All the external walls of this building have been constructed in locally produced, handmade bricks, which give it a unique look. It is also in line with the Mahatma Gandhi's philosophy of architecture. When the British-Indian architect, Laurie Baker met Gandhiji, the later told him that an ideal structure will be built using material that is found within a five-mile radius of the house. Baker was deeply influenced by the Mahatma's philosophy and adopted it into his work. Later he built many low-cost designs with maximum efficiency and just right amount of aesthetics, which made him the 'Gandhi of Architecture' and the 'Master of Minimalism.

There is also a Buddha island and fountain in front of the building which gives a very pleasant and peaceful impression to the visitor.

JNEC Smruti Center (Mechanical Museum)
The JNEC Smruti Centre has been developed at the site of the old JNEC Mechanical Museum on an area of 3992 sq.ft. The centre displays number of old engines and vehicles to take the visitors down the memory lanes.

Renovation and Alteration Work : MGM University has set an independent JNEC Aayaam Architectural Consultancy Cell which looks after the renovation and alteration work at the University, especially the Jawaharlal Nehru Engineering College. Total area covered under different projects was - 115055.70 sq.ft.

Following projects were undertaken by the cell with the MGM Construction Department.

Department Applied Science
The classrooms and labs of the department were removed under this project.
Total area covered area = 16790.44 sq.ft.

Department of Architecture
The studio of the department was renovated under this project.
Total area covered = 8511.48 sq.ft.

Department of Chemical Engineering
The classroom, workshop and computer lab of the department were renovated under the project.
Total area covered = 16711.48 sq.ft.

Department of Civil Engineering
The workshop and conference hall of the department were renovated under the project.
Total area covered = 12,694.07 sq.ft.

Department of Computer Science Engineering
The conference hall and computer lab of the department were renovated under the project.
Total area covered = 12,183.44 sq.ft.

Department of Electronics &Computer Engineering
Departmental library and study hall were renovated under this project.
Total area covered = 12,497.84 sq.ft.

Department of Mechanical Engineering
The classrooms and corridor of the department were renovated under this project.
Total area covered = 17,994.48 sq.ft.

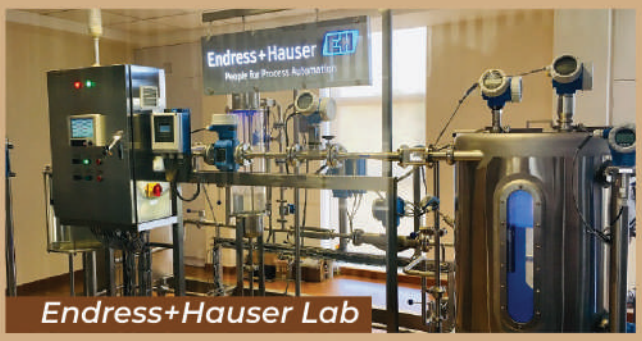
Classrooms

Laboratories

Labs Sponsored by Industry

Apple Lab

TechMahindra Lab



Endress+Hauser Lab

BMW Lab

Film Arts & Photography Studios

Editing Studio

Sound Studio

Film City Padegaon

Chroma Studio

Preview Theater

20. Innovation Incubation and Research Center (IIRC)

MGM University has collaborated with leading companies from different sectors to establish this state-of-the-art centre. The first of its kind research and learning centre in Maharashtra, IIRC is equipped with some of the most advanced technical equipment, with which students work on complex industry problems using emerging technologies like AI, Machine Learning and Internet of Things (IoT)under the guidance of faculty and industry experts. Some of the facilities in the centre are as follows: Robotics, Mechatronics, Industrial Automation, Computer Integrated Manufacturing, Electric Vehicle, Advanced Driver Assistance System (ADAS), Unmanned Aerial Vehicle (DRONE), Additive manufacturing & Reverse Engineering.

The Innovation Incubation & Research Centre (IIRC) at MGM University not only empowers its students with the advanced knowledge of their field through practical training but also offers design consultancy and rapid prototyping for research work to industries.

The unique infrastructure has been established with an objective and vision that it should meet the future demands of all types of Industries starting from design to Manufacturing and Rapid Prototyping to Industry 4.0 and provide technological solutions to industry challenges. Inculcating a research aptitude and an entrepreneurial way of thinking in the students, IIRC is thus a gateway to infinite opportunities for the engineering student at MGM University.

As a part of its social responsibility during the Covid-19 outbreak, MGM University designed and developed face shields, Swab Collection Tube Tray, C-Type Shield Structures for Medical Surgeries, Ventilator. IIRC prepared more than 1.5 Lakhs of face shields which were supplied to the state of Maharashtra, Karnataka, Rajasthan and Gujrat in association with our alumni entrepreneurs.

A brief account of innovation projects undertaken in IIRC labs is as follows:

AM & RE Lab Projects

1.Prototype for Worm Gear: Motor Cycle Speedometer

As a part for its consultancy services, IIRC designed Worm Gear for motor cycle speedometer and material characterizations. Total 27 specimen were 3D printed under this project for testing different parameters. The dedicated team, which carried out the project successfully consisted of Dr.Nitin Phafat (IIRC Incharge), Prof. M.N.Bargir (Designer Consultant), Mr. Kishore Mate (PG student, MGM University, Aurangabad) and Mr. Prashant Murmude.

We all know how interesting or boring the process of cooking could be depending on the loving or tedious tasks one had to do! One of the tasks that surely falls in the latter category is garlic peeling. So when a client approached IIRC to design prototype and 3D printing of a garlic peeling machine, the centre accepted the challenge and came up with an innovative machine in a very short span of time.

Another interesting consultancy project that IIRC carried out was prototype design and 3D printing of a garlic peeling machine. The Rotor Manufacturing Process for this project was carried out at AM & RE LAB at IIRC. This project was accomplished under the “Innovative Idea Accelerator Program 2021” by TATA Technologies Pune, MASSIA, Aurangabad & IEPC (Innovation and Entrepreneurship Promotion Center).

2. Pressure biofeedback device" For Physiotherapy

As an important contribution to the field of healthcare, IIRC has designed a 'Pressure Biofeedback Device'. The device provides valuable information to ensure precision in neck exercises and muscle testing in physiotherapy. It allows the physiotherapist and the patient to determine if the patient is able to selectively isolate and maintain contractions of the cervical or lumbopelvic core stabilization muscles. The measuring range of this device is 0-30 lbs digital pressure with an accuracy of 0.1 gm pressure. The device includes resting pad with base, pressure sensors, digital remote monitor. The passionate team that developed this design included Dr.Nitin Phafat (IIRC Incharge), Prof.M N Bargir (Designer of device) & Ms. Debba Khan (PG student of MGM Physiotherapy, Aurangabad)

Drone Lab Projects

1. Land Surveying With A Drone (UAV)

The invention of Drone (Unmanned Aerial Vehicle) Technology has opened up a plethora of opportunities in a wide variety of fields ranging from scientific research to aerial photography. One of the significant contributions of the technology lies in the area of GIS (Geographic Information System). Thanks to the technology, undertaking land surveys and creating GIS maps with utmost precision have been possible in a fraction of time and cost compared to the traditional methods. In addition, it requires no rare skills or talent and thus saves the invaluable time of the specialists.

The Innovation Incubation & Research Centre surveyed a land area of 16 acres at a Pump house in Gandheli, Aurangabad by using RGB Phantom 4 DJI Drone. A number of photographs of the area were taken from different angles by the RGB camera and each image was tagged with coordinates under this survey. After successful completion of the survey, a topographical GIS report was also prepared. The project was carried out by Prof. M N Bargir, Pankaj Dhoble, Laxmikant Kokate, Amol Mahadik, Vishal Ghatge and IIRC team members.

Summary of the Survey:

Project	Gandheli pump house survey
Processed	2021-05-29 12:52:40
Camera Model Name(s)	FC6310_8.8_4864x3648
(RGB) Average Ground Sampling Distance (GSD)	2.14 cm / 0.84 in
Area Covered	0.148 km2 / 14.7759 ha / 0.06 sq. mi. / 36.5309 acres
Time for Initial Processing (without report)	18m:43s

Images	median of 54997 key points per image
Dataset	595 out of 599 images calibrated (99%), all images enabled
Camera Optimization	0.88% relative difference between initial and optimized internal camera parameters
Matching	median of 17779.9 matches per calibrated image
Georeferencing	yes, no 3DGCP

2. Design and Development of Autonomous Quadcopter

An aspiring team of students of Mechanical Engineering - Rajendra Vaijinath Bhalekar, Sushil Asaram Shelke, Kunal Shailesh Wankhade and Shivprasad Devling Zadbuke chose drone technology as their project work, titled "Design and Development of Autonomous Quad Copter". The project was completed successfully with help of IIRC team and under the guidance of Prof. M.N.Bargir. Students initially learned about various types of drones, components of drones and their different applications. The team worked together to design and develop an amazing quad copter. They were also able to calibrate and turn the drone. The team also designed 3-D printed covers for the drone body. The frame used here was X type frame. The controller is Pixhawk 2.4.8 flight controller. In order to make it an autonomous drone, GPS and Telemetry systems were also incorporated into it. The selection of motors and battery was done according to the thrust calculations.

3. Design and Development of Autonomous Hexacopter Drone

Another creative team of students from Mechanical Engineering Department consisting of Rishi Pankaj Pahade, Yash Pradeep Lodha, Manish Chandrakant Pawar and Tejas Pratap Patil designed and developed an 'Autonomous Hexacopter Drone' under the guidance of Prof. M.N. Bargir and with the support of IIRC team. Initially, the students studied the different types of drones, the components they are made up of and their applications. After a thorough study, they decided to create a hexacopter drone as it offers more in-air stability compared to a quadcopter drone. Instead of using the already available standard drone components, they prepared an in-house drone design in CREO. After a lot of testing, the body material was chosen to be Flexible Acrylic Sheet, which was later cut and framed using an in-house laser cutting machine. The arms of the drone were made from carbon fibre rods. Coupling were designed 3D printed in ABS for holding arms with the frame. The controller used was Pixhawk 2.4.8 flight controller. The GPS and Telemetry System were also included in the drone. The selection of motors and battery was done according to the thrust calculations.

4. Project on "Comparative Analysis of Surveying with total Station and Drone"

The students of Civil Engineering adopted a different approach and decided to study how efficiency of land survey methods could be improved. The third-year students, Shreyas Dalal, Dnyanesh Raut, Vishal Mete and Rushikesh Sonawne have undertaken a project in which they are going to conduct a comparative analysis of land survey using drone and total station under the guidance of Prof. L.K. Kokate. The primary objectives of this project are to estimate the total volume of data obtained through total station and drone, to measure the area of particular field by both methods and to determine the contours by using the drone and the total station.

CIM LAB Project

1.Measurement of Ra Value

The Innovation Incubation and Research Centre also provided consultancy services in the form of Measurement of Surface Roughness to post graduate students working on machining stream of manufacturing engineering. The team included Mr. Kirankumar Jagtap (Lab In charge of Computer Integrated Manufacturing Lab) and Mr. Prashant Murmude. IIRC is equipped with Mitutoyo SJ410P Surface Roughness Tester. The Surftest SJ-410 surface roughness measuring instrument here, offers numerous innovative features to provide smoother operation and more accurate measurements. It's an easy-to-use, portable unit with a high straightness specification of 0.3 – 0.5µm over a traverse length of 25 – 50mm.

2. Roboguide

IIRC has also designed a fantastic ROBOGUIDE that leads the visitors through the Innovation Incubation and Research Center (IIRC). The ROBOGUIDE runs on an embedded Arduino-based system. The line follower mechanism has been achieved using IR sensor which tracks the white line and stops at every lab when it detects a cross black line. It provides through information of each lab using audio commands. The amazing IIRC team that developed the robot consisted of Mr. Pankaj Dhoble, Mr. Swapnil Kadam, Mr. Prashant Murmude, Mrs. Nimra Mohammed and Mr. Pruthviraj Bhalerao.

Industrial Hydraulics Pneumatics Workshop (21st & 22nd March 2022)

MGM University in association with Quality Circle Forum of India (QCFI), Aurangabad Chapter started need-based, customized training programs for industries in the region at the state-of-the-art Innovation, Incubation and Research Centre (IIRC), Jawaharlal Nehru Engineering College (JNEC), MGM University. The program focused on training in areas like Industrial Hydraulics Pneumatics, and Industrial Robotics. The workshop was held on 21st & 22nd March 2022 involving participants from Dhananjay Group, Accrete Electricals Pvt. Lt. and Badve group of Industries, Waluj Aurangabad. The customized training programs are developed around different levels of the content, language suitability, duration of the program and flexible schedules. A comprehensive feedback system ensures continuous improvement in the programs and processes. Due care is also taken to ensure that the benefit reaches local industries and people.

21. MGM University Policies

MGM University has designed and developed comprehensive policies for effective and streamlined operations of the institution. These policies work as guidelines to help the University march steadily and strongly towards its goals.

A brief list of the key policies of MGM University is given below:

- Innovation and Start-up Policy
- Research Policy
- Academic and Administrative Audit Policy
- Environmental Policy (Water and Energy)
- Infrastructure Policy
- IT Policy
- Memorandum of Understanding (MoU) Policy
- Quality Policy
- Sports Policy
- Students Welfare Policy
- Teacher Welfare Policy
- Teacher Feedback Policy

22. Internal Quality Assurance Cell for Educational Quality Enhancement

Under section 41 of the MGM University, Aurangabad Act 2019 (Maharashtra Act No.XXVI of 2019) the MGM University is required to obtain accreditation from NAAC. For the purpose as per NAAC and UGC guidelines Internal Quality Assurance Cell (IQAC) is constituted by the University Authorities.

Chairperson: Head of the Institution	: The Vice - Chancellor
One member from Management	1) Prin. Prataprao Borade
Director	2) Prof. Dr. R. R. Deshmukh
Coordinator (Non-Engineering)	3) Prin.Dr.Prapti Deshmukh
Members :	4) Prof. Dr.Sharvari Tamane
	5) Prof. Parwati Dutta, Director - Mahagami
	6) Prof. Shubha Mahajan, Director – Institute of Fashion Design
	7) Prof. Aniket Joshi, Principal I//C. – IHM
	8) Dr. Sonal Deshmukh – MCA - Jawaharlal Nehru Engineering College
	9) Prof. Archana Panche – Institute of Biosciences and Technology
	10) Dr. Pooja Deshmukh – Institute of Management and Research
	11) Prof. Kavita Soni – College Journalism & Mass Communication
	12) Prof.Rita Patil – Dr. G.Y. Pathrikar College of Computer Science & Information Technology
	13) Dr. Suddhasheel Ghosh – Civil - Jawaharlal Nehru Engineering College
	14) Dr. Abhay Kulkarni – Mech – Jawaharlal Nehru Engineering College
	15) Prof. Shiv Kadam – Film Arts
	16) Dr. Dinesh Wanjare – Sports
Senior Officers:	17) Prof. Dr.Ashish Gadekar, Registrar
	18) Col. Dr. Pardeep Kumar – COE
	19) Ms. Prerna Dalvi, Deputy Registrar
	20) Ms. Rajlakshmi Bhosale, HR
One nominee each from local Society Institution of Engineers (India) Aurangabad Chapter	21) Prin. Dileep Gaur,
Distinguish Educationist	22) Prof.Dr.Manvendra Kachole
One nominee from Industries	24) Mr. Mukund Kulkarni
One Alumni Representative	25) Mr.Sunnel Kirdak
One Student Representative	26) Ms.Minas Zainab

Internal Quality Assurance Cell conducts various activities related to accreditation and quality enhancement. The details are as follows:

Sr. No.	Date	Name of Event	Guest/Speaker
1	31 July 2021	One day workshop on "Revised Framework of accreditation of NAAC"	1 Prof.G.D.Yadav, ICT Mumbai
			2. Dr. Devender Kawday, Deputy Advisor,NAAC, Bangalore"
2	20 Sept. 2021	Enginers' Day-2021	Hon.C.P.Tripathi -Advisor (CSR) Bajaj Auto and Truts Aurangabad
3	25 Sept. 2021	Chemical engineering education and Research at MGM University	Dr. Nitin Raut
4	04 Oct. 2021	How to Build Sustainable satrt ups through incubation and various Funding Options	Mr.Vinod Kalkotwar,President,Kalozal Consultant Povt.Ltd, Bagalore
5	08 Oct. 2021	Online Workshop Details on Emerging Knowledge on Intellectual Property Rights for Research and Innovative Start up	Dr.Surykant Patil,MD & CEO, PSP-IP & Associates, Pune
			Dr. Pankaj Borkar,Deputy Controller of Patents, Rajeev Gandhi National Institute of Intellectual Property Management, Nagpur
6	29 Oct. 2021	Emerging Knowledge on Intellectual Property Rights for Research and Innovative Startup	Dr.Abhay Jere, Chief Innovation Officer,Ministry of Education, Govt. of India
			Dr.Aditya Abhyankar, Director School of Technology, Savitribai Phule University, Pune
7	14 Nov. 21	Webinar on "Nehru Parva"	Prof.Jaidev Dole-Senior Journalist
8	10 Jan. 2022	Online Webinar on IPR Awareness	Mr.Amol R Patil, Examinar patents and Design, Mumbai, Govt. of India
9	21 Jan. 2022	Adopting "Energy SWARAJ" for sustainable	Prof.Dr. Chetan Singh Solanki-IIT Bombay
10	25 Jan. 2022	National Voters Day	Dr.Anjali Dhanorkar,Deputy Collector Aurangabad.
11	10 Feb.2022	"ANVESHAN" (Phase I) Project Competition	Mr.Shivaprasad Jaju, Dr. Shrikant Panchal, Dr.Archana Harke, Dr S.Ghosh, Dr.Gaikwad, Dr.Vandana Malode
12	28 Feb.2022	National Science Day-2022 Celebration "Integrated Approach in Science & Technology for Sustainable Fututre"	Hon. Prof.Dr.K.V.S.Sarma Vice Chancellor Maharashtra National Law University Aurangabad
			Hon Dr. Rajendra Satpute, Director, Govt. Institute of Science , Aurangabad
			Hon. Dr. Shrikant Patil Director, Department of Life long learning and Extension, Amravati Univeristy
13	27, 28th March 2022	ANVESHAN' (Phase II) project Competition at Chennai	
14	11-May-2022	National Technology Day-2022 Science and Technology for Sustaianable Future	Hon.C.P.Tripathi -Advisor (CSR) Bajaj Auto and Truts Aurangabad
			Hon Abhay Hanchanal MD-Mikronix Guages Pvt. LTD. Aurangabad

IQAC Activities

23. MGM University 2nd Foundation Day

MGM University celebrated its second foundation Day on 09th Sept. 2021 amidst plenty of enthusiasm and fervour. Shri Uday Samant, Minister of Higher and Technical Education, Govt. of Maharashtra graced the event as chief guest. Speaking on the occasion the Minister said that MGM University's contribution in implementation of the new National Education Policy (NEP) is commendable. In fact, the constituent colleges of the University have adhered to the the spirit of NEP long before the policy came into existence by implementing 'Learning by Doing' methodology and providing holistic education for all-round development of students.

He also appreciated the University's work during the pandemic and its unbelievable progress achieved in the short span of two years.He further added that the principle of financial self-reliance, as exhibited by MGM University successfully, is at the core of the NEP and therefore, the University's work should be a role model for all districts of the state. He also said that he will take a workshop post covid-19 to make it happen.

Shri Kamalkishor Kadam, Chairman, Mahatma Gandhi Mission also express his thoughts on the occasion. Invoking the values and philosophy of Mahatma Gandhi, he said that the fundamental concepts and inspiration of their generation was clear, they wanted to provide an education that will make the students truly independent, not just financially but also intellectually and make them independent thinkers and creators. He also emphasised the need to focus on quality and creativity.

Dr. Vilas Sapkal, Vice-Chancellor, MGM University outlined the University's plan for the next decade.He said that in the last two years, MGM University has started 281 new courses and about 256 students will do their Ph.D. We are committed to providing interdisciplinary education to students and aim to publish 200 patents, 100 startups, 1000 publications over the next decade. He said that by 2030, besides post-doctoral studies, new courses in pharmacy, law, agriculture, marine engineering, vaccinology, chemical engineering will also be introduced here.

2nd Foundation Day Celebrations

Independence Day Celebrations

Republic Day Celebrations

Gandhi Jayanti Celebrations

Foundation Day Celebrations

24. Social Responsibilites

MGM University believes in a free, open, inclusive and equitable society and is working tirelessly towards fulfilment of this dream. The University has undertaken several initiatives to contribute towards its social responsibility. Given below are only a few of them:

- All the conducted colleges of MGMU have under taken various activities like Tree plantation, blood donation drive.
- Under tree plantation activity students and staff have planted several tree saplings at MGMU Gandheli campus and all these plants are taken care of and maintained by the gardeners. Care is taken to ensure that the college environment has low levels of carbon emission and low pollution levels so that the campus is healthy for all. Faculty and students led initiatives to save significant electricity by conducting awareness programs on energy conservation by adopting measures to ensure that energy is conserved wherever possible. Plantation of trees and green grass in the University campus and in the front end of college premises where potted plants dot the corridors of the college with more than 150 different samples. Tree plantation drives are organized regularly to create a clean and green campus.
- The National Voters Awareness campaign was also organized to create awareness about the necessity of voting and to encourage the young generation towards voting rights. This activity resulted in creation of great and strong democracy through maximum participation.
- Various series of guest lectures were organised as a part of social responsibility and outreach activities which mainly included guest lectures on the topic of “Preserving art and culture”.
- Apart from its heritage visit to Aurangabad caves and to understand the nature with lines and colours visit to Ellora caves was also organized for students. On World environment day installation art with Raw materials was organized.
- Marathi Bhasha Day was celebrated by poem recitation of various local artists.
- On the Gandhi Jayanti Cleanliness drive was organised. Apart from it, a guest lecture by Mr. Khairnar and Jaideo Dole (Sr. Journalists) was organised.
- On the occasion of the 195th Birth anniversary of Mahatma Jyotiba Phule, special guest lecture by Mr.Rakesh Tikait (national spokesperson of the Bharatiya Kisan Union (BKU) on the topic of “Indian Farmers and Government POlicies” was organised.
- Marathwada Mukti sangram din was celebrated with a special lecture by Dr.H.M.Desarda.
- Blood Donation Camp, Grocery Donation and Tree Census activity was organized under NSS activity.
- On the occasion of world environment day, a tree plantation drive in MGM campus was organized. A long Continuous Reading activity was undertaken for students. On occasion of Gandhi Jayanti cleanliness drive in MGM campus was organized. Blood Donation and online poster competition on HIV/AIDS was also organized as NSS activity.
- World Mental Health Week was organised under NSS activity.

25. Best Practices

MGM University follows several best practices, many of which it has inherited from its founder body – Mahatma Gandhi Mission Trust and have stood the test of time. These very practices have helped the university achieve impactful and long-lasting outcomes. They also gave it its own unique identity.

- **Mentor-Mentee Program:** Mentoring provides genuine support and guidance to students who are experiencing challenges in learning due to educational, social, emotional and behavioural problems that are consequently affecting their learning and performance. Effective mentoring seeks to offer motivation, rock-support, directive guidance and role modelling to mentees. Mentor-MenteeProgramme is a highly valuable development activity which is firmly implemented atall the constituent colleges of MGMU. Mentoring helped the students to choose the right career option and pursue their choice with focus and dedication. Mentoring also helped the mentees to decide on how to choose a relevant workshop, seminar and value added course of their specialization.

- **Feedback Mechanism:** At MGMU to evaluate the existing teaching-learning environment and curriculum and to take appropriate action for the improvement of poor performing areas a strong feedback system is designed. At the end of each semester curriculum feedback, teacher feedback, teaching pedagogy feedback and infrastructure and other resources available feedback is taken manually as well as through online platforms like Google forms, ERP learning management system. Apart from this feedback from employers and alumni is also taken.

- **Environment Conservation:** At MGMU special focus on dissemination of environmental literacy for motivating students, teachers and supporting staff has been implemented. Transformation of the campus into a pollution free and environmentally friendly eco zone is the main objective of this practice. MGMU with various sustainable initiatives has worked to develop an eco-friendly, sustainable campus and to disseminate the concept of eco-friendly culture. Activities like Ganpati making Workshop, Varsha Mangal celebration, Clean India campaign etc.

- **Experiential Learning:** All the constituent colleges of MGMU have adopted the student cantered framework which includes practices like interactive learning, participatory learning, ICT enabled learning and innovative practices of learning. All of these bring about an all-encompassing growth in the students' knowledge acquisition. Bridge course is an initiative that enables students to bridge the gap between the academically weak and strong students by solving subject specific problems of the former. Initiatives like guest lectures by industry experts, seminars, workshops are also conducted to expose the students to advanced levels of information. Departmental activities like Induction Program, Freshers, Cultural Fest are organized keeping in mind curriculum related needs. This becomes a creative platform of learning that encourages students to transform classroom knowledge into quizzes, debates, games and technical exhibits. Innovative methodology projects includes MGM Community Radio 90.8 and Bai Manus where students experience hands on training and also can do internship Hands On training, Internship

- **Interfaith Prayer :** MGMU Gandhian Studies department organises weekly interfaith prayer for staff and students to offer the spiritual value. This prayer helps in keeping the mind and the soul peaceful. The main objective is to inculcate moral and ethical values among the staff and students and to develop their behavior. Prayer enhances the team spirit, self- confidence, leadership quality and strengthens personality. In the context of increasing antagonism among diverse communities in the

country, students require a clear perspective. Hence every week one institute of the MGMU organizes the interfaith prayer. Students of all institutes and the organizing institute in particular attend.

- **Inculcating Gandhian values:** To inculcate the Gandhian ideology amongst the students and society, MGMU is organizing various activities like lecture series, competition and visit to various places like Wardha (Sevagram Ashram). This practice helps in exposing non-violence practice, dissemination of Gandhian ideology for the betterment of the society. Students' perspective is limited to their local area and it affects their behavior when they step into global habitation for their profession, attending national camps, listening to national Gandhian scholars, visiting various institutes including MGIRI (inst. Rural Industrialization) and Centre of Science for Villages

- **ERP:** MGMU has invested in an Academic and Administrative Monitoring ERP software that is user friendly and comes with a lot of security features. This ERP tool has been implemented for the past two years and has helped in improving the productivity of the institution. ICT based Academic Monitoring helps to Monitor and Control the Academic activities execution like time table, Feedback System, Examinations, Admission and Administration Work. MGMU always tries to achieve excellence in teaching learning by introducing new approaches to enhance the employability as well as academic results. With the help of ERP, the college can effectively communicate with various stakeholders like students, Parents and staff through use of the Mail and SMS facility.

Best Practices

BAI MANUS- DIGITAL MEDIA PORTAL

Portal for Digital media movement to bring untrained women from the Dalit, Adivasi, LGBTQ, Nomadic and disadvantaged sections of Maharashtra into main stream media by imparting training of mobile journalism

26. Implementation of NEP-2020 at University

The University has planned the implementation strategy for National Education Policy (NEP) 2020 with the approval of University Authorities. It includes planning of activities as per the provisions of National Education Policy, assigning responsibilities of implementation, timeline and outcome. NEP Task force has been established under the guidance of Hon'ble Chancellor and Hon'ble Vice-Chancellor for implementation of NEP-2020.

The strategic goals of this task force are:

1. Multidisciplinary and Holistic education
2. Equity and Inclusion in Higher Education
3. Skill development
4. Technology Use and Integration
5. Global Outreach of Higher Education
6. Promotion of Indian Knowledge Systems, Languages, Culture and Values
7. Research, Innovation and Rankings
8. Integrated Higher Education System
9. Academic Bank of Credits

The suggested strategic action plan is:

- Phased-implementation of the Policy
- NEP and Outcome-based Curricular Reforms
- Devising of University Development Plan
- Governance Reforms in tune with NEP-2020

NEP - Task Force at MGM University, Aurangabad has been constituted as below:

1. Registrar - Member
2. Dean, Faculty of Engineering & Technology - Chairperson
3. Dean, Faculty of Social Sciences & Humanities- Member
4. Dean, Faculty of Basic & Applied Sciences - Member
5. Dean, Faculty of Management & Commerce - Member
6. Dean, Faculty of Performing Arts - Member
7. Chief Accounts & Finance Officer - Member
8. Controller of Examination - Member
9. QAC Director- Member Secretary

Tasks undertaken for implementation of NEP- 2020 are:

i. Introduction of Inter-disciplinary programs through a) Choice Based Credit System, b) Open electives, c) Major & Minor courses in engineering programs, d) 6 years under graduate programs and Integrated Programs.
ii. Organizing webinars/ seminars on NEP – 2020 implementation
iii. Participation in conferences organized by difference academic institutions for the implementation of NEP- 2020
iv. Restructuring of curriculum with the approval of Board of Studies and Academic Council of the University to adopt innovative and flexible combination of courses across disciplines.
v. Integration of skill education in the curriculum
vi. Adopting engaging pedagogy
vii. Designing and implementing of continuous formative assessment to facilitate outcome based education.
viii. Established support system for students belonging to socially and economically dis-advantaged groups.
ix. Adopting project based and experimental learning.
x. Creativity and innovation, critical thinking and problem solving abilities.
xi. Creating ecosystem to improve access to quality education and inclusivity by supporting students with free ship/merit scholarship/financial assistance
xii. Emphasis on autonomy to faculty for career progression.
xiii. Increasing academic offerings from across disciplines – Engineering & Technology, Management and Commerce, Social Sciences & Humanities, Basic and Applied Science to the students, who will be able to choose the programs as per their talent and interest.
xiv. Integration of technology in teaching and learning proves such as ERP, NPTEL, Coursera etc.
xv. University has established admission center for international students to facilitate student's mobility.

27. Scholarships Provided

Institute wise scholarship provided to students are as follows:

Sr. No.	Name of Institute	No of Students	Scholarship Amount (in Rs.)
1	University Departments	87	26,58,000.00
2	Institute of Hotel Management	343	55,65,800.00
3	Institute of Bioscience & Technology	476	71,14,000.00
4	College Journalism & Mass Communication	90	14,39,000.00
5	Institute of Fashion Designing	39	19,96,000.00
6	College of Fine Art	36	10,88,000.00
7	Dr. G.Y. Pathrikar College of Computer Science & Information Technology	198	26,18,000.00
8	Jawaharlal Nehru Engineering College	383	1,68,20,500.00
9	Institute of Management & Research	77	21,58,250.00
10	Mahagami Gurukul Center for Performing Arts	12	3,42,300.00
11	Institute of Social Science	12	1,28,000.00
	Total	1753	4,19,27,850.00

28. Program-wise Intake & Admissions

Name of Program	Intake	Admission
Bachelor of Architecture	80	52
B.Tech Electrical and Computer Engineering	120	18
B.Tech Electronics and Computer Engineering	132	79
B.Tech. (Information Technology)	90	90
B.Tech. (Chemical Engineering)	30	10
B.Tech. (Civil Engineering)	120	25
B.Tech. (Computer Science Engineering)	200	178
B.Tech. (Mechanical)	120	6
M.Arch Environmental Architecture	20	7
M.Arch General	20	0
M.Tech Computer Science and Engineering (Digital Transformation)	18	2
M.Tech. (VLSI and Embedded Systems)	18	4
M.Tech. (Electrical Power System)	18	0
M.Tech. (Mechanical Engineering)	18	5
M.Tech. (Structural Engineering)	18	5
MCA	60	53
B.Sc.(Fire and Safety)	30	0
B. Tech Artificial Intelligence and Machine Learning	35	28
B. Tech. Information Technology UDICT	100	90
M. Tech. Geoinformatics	18	1
PG Diploma in Artificial Intelligence and Machine Learning	20	3
B.B.A.	90	75
B.Com.	30	9
BBA Fin Tech	30	0
M.B.A	180	161
B.Com. E-Commerce	30	2
B.Sc. (Hotel Operations And Catering Services)	120	69
BBA in Aviation> Hospitality and Travel & Tourism Studies	30	19
M.Sc. Hotel Operations and Catering Services	20	5
Post Degree Diploma Program in Hotel Operations	20	7
Diploma Program in Aviation & Tourism Management	20	2
Diploma Program in Culinary Arts	20	3
Diploma Program in Hotel Operations	60	23
Integrated B.Sc.M.Sc.(Data Science)	20	10
B.C.A. (Sci.)	75	71
B.Sc.(Animation)	60	26
B.Sc.(Computer Science)	120	120

B.Sc.(Hardware and Ne2rking)	60	0
B.Sc.(Information Technology)	60	39
BCA Digital Marketing	30	0
M.Sc.(Computer Science)	20	4
M.Sc. Animation	20	2
M.Sc. Data Science	20	10
M.Sc.(Information Technology)	20	12
B. Sc. (Hons) Food Nutrition and Dietetics	32	20
B. Tech. Biomedical Engineering	30	21
B. Tech. Biotechnology	32	28
B. Tech. Cosmetic Technology	30	0
B. Tech. Food Processing Technology	38	39
B.Sc. (Hons) Food Technology & Processing	60	20
B.Sc.(Hons) Bioinformatics	40	6
B.Sc.(Hons) Biotechnology	60	31
B.Sc.(Hons) Microbiology	40	27
M.SC Food Technology	20	21
M.Sc. Bioinformatics	15	6
M.Sc. Biotechnology	60	56
M.Sc. Industrial Microbiology	30	8
M.Sc. Microbiology>Virology	20	17
M.Sc. Plant Biotechnology	15	5
M.Sc. Plant Breeding & Molecular Genetics	20	22
M.Sc. Stem Cell and Tissue Science	12	0
B. Sc. Hons. Statistics	30	0
B. Sc.Hons. Physics	30	2
B.Sc. Hons. Chemistry	30	0
B.Sc. Hons. Mathematics	30	4
Bachelor of Science and Master of Science	15	0
M. Sc. Chemistry	15	12
M. Sc. Mathematics	15	0
M. Sc. Physics	15	3
M. Sc. Statistics	15	5
B.A. (Digital Media)	30	0
B.A. (International Journalism & Mass Communication)	40	20
B.A. (Mass Comm. & Journalism)	40	21
M.A. (International Journalism & Mass Communication)	10	0
M.A. (Mass Communication & Journalism) with Specialization	30	30
PG Diploma in Advertising and PR	20	0
PG Diploma in Creative Communication	20	0
B.A. (Hons.) Film Making	30	16
Diploma in Film Making	30	8

B.A. (Hons.) Photography	30	14
Diploma in Photography	30	18
BA Hons English	20	15
M. A. Hindi	20	0
M. A. Marathi	20	0
M.A Urdu	20	0
MA English	20	0
Diploma in Creative Writing in Engilish	20	3
Diploma in French	20	0
Diploma in German	20	0
Diploma in Urdu	20	0
B.A.(Hons.) Psychology	30	24
PG Diploma in Guidance and Counseling	20	5
Bachelor of Performing Arts (BPA) in Kathak Dance (kala Vid Kathak)	10	0
Bachelor of Performing Arts (BPA) in Odissi Dance (kala Vid Odissi)	10	0
Master of Arts (M.A.) Indology	10	0
Master of Arts(M. A.) Musicology	10	4
Master of Performing Arts(kathak)	10	0
Master of Performing Arts(MPA) Odissi	10	0
Diploma in Dhrupad Music (Kala Udayan Dhrupad)	10	2
Diploma in Kathak Dance (Kala Udayan Kathak)	10	3
Diploma in Natyashatra (NATYARPANA)	10	7
Diploma in Odissi Dance (Kala Udayan Odissi)	10	0
Bachelor of Design (Fashion Design)	60	32
Bachelor of Design (Textile Design)	30	2
Master of Design (Fashion Design)	10	2
Master of Design (Textile Design)	10	1
Master of design(Fashion Management)	10	3
BFA (Applied Art)	30	10
BFA (Ceramic and Pottery)	10	0
BFA (Interior Design)	30	21
BFA Painting	30	17
MFA Interior Design	10	0
MFA Painting	10	0
M.A. Gandhian Studies	20	1
M. A. Physical Education	30	7
Master of Library and Information Science	30	3
BA- Economics	30	8
MA Economics- Strong Sustainability Research	20	3
M. A. Education	20	5
M. A Clinical Psychology	20	9
Master of Social Work	30	20

29. Program-wise Fee Structure & Fee Collection

Fee Structure for Academic Year 2021-22

The common fee structure for all conducted Colleges/Institutes/ Departments :

S.No.	Particulars	Amount
01.	Paid Application Form	Rs. 1,000/-
02.	Eligibility Fees	Rs. 5,000/-
03.	Examination Fees	Rs. 5,000/-
04.	University Sports Fees	Rs. 1,000/-
05.	UMIS	Rs. 2,500/- 1 Time
06.	Student Aid & Insurance	Rs. 500/- Per Year

The fee structure for New Programs for all conducted Colleges /Institutes/Departments :

Sr.No	Name of College	Program Name	Duration of the Program	Tuition Fee
1.	Inst. Of Mgmt. & Research	BBA FIN- TECH	Three Years	Rs.3,00,000/-
2.	Inst. Of Biosciences	B.Sc Food Nutrition and Dietetics	Four Years	Rs.1,00,000/-
		M.Sc. Stem Cell and Tissue Engineering	2 Years	Rs.1,25,000/-
		M.Sc. Microbiology and Virology	2 Years	Rs.1,00,000/-
		B.Sc. Hons. Physics	3 Years	Rs.40,000/-
		B.Sc. Hons. Chemistry	3 Years	Rs.40,000/-
		B.Sc. Hons. Mathematics	3 Years	Rs.40,000/-
		B.Sc. Hons. Statistics	3 Years	Rs.40,000/-
		M.Sc. Hons. Physics	2 Years	Rs.40,000/-
		M.Sc. Stem Cell and Tissue Engineering	Two Years	Rs.1,25,000/-
		M.Sc. Microbiology and Virology	Two Years	Rs.1,00,000/-
3.	University Dept. of Basic & Applied Sciences	B.Sc. Hons. Physics	Three Yrs.	Rs.40,000/-
		B.Sc. Hons. Chemistry	Three Yrs.	Rs.40,000/-
		B.Sc. Hons. Mathematics	Three Yrs.	Rs.40,000/-
		B.Sc. Hons. Statistics	Three Yrs.	Rs.40,000/-
		M.Sc. Hons. Physics	Two Years	Rs.40,000/-
		M.Sc. Hons. Chemistry	Two Years	Rs.40,000/-
		M.Sc. Hons. Statistics	Two Years	Rs.20,000/-

		M.Sc. Hons. Mathematics	Two Years	Rs.20,000/-
		BSMS in Industrial Chemistry	Integrated Course	Rs.50,000/-
4.	Dr. G. Y. Pathrikar College of Computer Science & Information Technology	B. Voc (Robotics with IoT)	Three Years	Rs.75,000/-
		B.Sc. Digital Marketing Under BOAT Scheme	Three Years	Rs.75,000/-
5.	College of Fine Arts	MFA – Interior Design	Two Years	Rs.1,50,000/-
6.	Inst. Of Hotel Mgmt.	Master of Hotel Management	Two Years	Rs.1,00,000/-
7.	CJMC	P.G. Diploma (Creative Communication)	One Year	Rs.85,000/-
		P.G. Diploma in (Advertising & Public Relation)	One Year	Rs.85,000/-
8.	IOSS	M. A. Economics (Specialization in Entrepreneurship Research)	Two Years	Rs.20,000/-
		B. A.(Hons) Economics	Three Years	Rs.40,000/-
		Master of Social Works (M.S.W.)	Two Years	Rs.50,000/-
		M. A. Clinical Psychology	Two Years	Rs.20,000/-
		B.A. (Hons) Psychology	Three Years	Rs.40,000/-
		P.G. Diploma in Psychology	One Year	Rs.20,000/-
9.	I.I.F.L.C.	Diploma in Creative writing in English.	One Year	Rs.10,000/-
		Diploma in French	One Year	Rs.10,000/-
		Diploma in German	One Year	Rs.10,000/-
		Diploma in Urdu	One Year	Rs.10,000/-
10	IOSS	Bachelor of Physical Education	Two Years	Rs.32,000/-
		Diploma in Yoga Trainer	One Year	Rs.30,000/-
		Certificate Course in Yoga	Six Months	Rs.15,000/-
		Certificate Course in Sports Coaching	45 Days	Rs.21,000/-
11	Inst. Of Fashion Design	Integrated Fashion Design – B.Des. + M.Des.	Five Years	Rs.1,00,000/-
		Intergrated Textile Design – B.Des + M.Des.	Five Years	Rs.1,00,000/-

12.	Mahagami Gurukul Center for Performing Arts	M.P.A. Bridge Year for M.P.A. Odissi	One Year	Rs.70,000/-
		M.P.A. Bridge Year for M.P.A. Kathak	One Year	Rs.70,000/-
		M.A. Musicology	Two Years	Rs.60,000/-
		M.A. Indology	Two Years	Rs.60,000/-
		Natyarpana Diploma in Natyashastra	Six Months	Rs.25,000/-
		Kala Adhar (Foundation Certificate of Manipuri Dance)	Two Years	Rs.15,000/-
		Sanskritayanam Certificate in Sanskrit Sambhashan	Three Months	Rs.10,000/-
13	University Department of Information & Communication Technology	B.Tech. Information Technology	Four Years	Rs.1,50,000/-
		B.Tech.AI and ML	Four Years	Rs.1,50,000/-
		P.G.Diploma in AI and ML	Two Years	Rs.1,00,000/-
		M. Tech. Geoinformatics	Two Years	Rs.1,50,000/-
14	JNEC -	B.Tech Electronics and Telecommunication Engineering	Four Years	Rs.1,50,000/-
	Department of Electronics and Telecommunication Engineering	Integrated PG Program: M.Tech (VLSI & Embedded systems Design)	Two Years	Rs.1,20,000/-
		Honor Program : VLSI and embedded systems	5 Courses of 20 credits each course per Semester starting from 3rd Sem. of B.Tech	Rs.25,000/-
		Honor Program : Artificial Intelligence and Machine Learning.	-As above-	Rs.25,000/-
		Honor Program : Data Science	-As above-	Rs.25,000/-
		Minor Program : Internet of Things (IoT)	-As above-	Rs.25,000/-
		Minor Program : Industry 4.0	-As above-	Rs.25,000/-
		Minor Program : Electronics Engineering	-As above-	Rs.25,000/-

	Department of- Electrical and Computer Engineering	Electrical and Computer Engineering	Four Years	Rs.1,50,000/-
		Minor in Renewable Energy Systems		Rs.25,000/-
		Minor in Electrical Vehicles		Rs.25,000/-
		Minor in Smart Grid and Renewable Energy		Rs.25,000/-
		Minor in Electrical Engineering		Rs.25,000/-
		Honors in Power System Simulation		Rs.25,000/-
		Honors in Sensors and Robotics		Rs.25,000/-
		Honors in Electrical Vehicles		Rs.25,000/-
		Integrated Program Electrical Power System		Rs.1,50,000/-
		Short Term Certificate Course on Industrial Automation		Rs.5,000/-
		Short Term Certificate Course on MATLAB		Rs.5,000/-
		Short Term Certificate Course on Electric Vehicle Design		Rs.5,000/-
		Short Term Certificate Course on Energy Management Audit and Conservation		Rs.5,000/-
		Short Term Certificate Course on Microcontroller Programming for IoT applications.		Rs. 5,000/-
		Short Term Certificate Course on Wiremen & Motor Rewinding		Rs.5,000/-
		Short Term Certificate Course on Electrical Power Quality		Rs.5,000/-
		Short Term Certificate Course on Electrical Safety		Rs.5,000/-
	Dept. of Computer Science & Engineering	B.Tech (Computer Science & Engineering) Honor in Data Science	Four Years	Rs.1,50,000/-
		B.Tech (Computer Science & Engineering) Honor in Cyber Security	Four Years	Rs.1,50,000/-
		B.Tech (Computer Science & Engineering) Honor in Artificial Intelligence	Four Years	Rs.1,50,000/-

		B.Tech (Computer Science & Engineering) Honor in Digital Transformation	Four Years	Rs.1,50,000/-
		B.Tech. with Minor in Computer Science & Engineering (Data Science) Program for all non CSE/IT undergraduate students.	Four Years	Rs.1,50,000/-
		Integrated M.Tech. Program M.Tech (Computer Science & Engg. – Digital Transformation)	Four Years	Rs.1,50,000/-
	Dept. of Mechanical Engineering	Minor in Mechatronics and Industry 4.0	5 Courses of 20 credit each course per Semester starting from 3rd Sem. of B.Tech	Rs.25,000/-
		Minor in Product Design & Development	As above	Rs.25,000/-
		Minor in Industrial Engineering and Supply Chain Management	As above	Rs.25,000/-
		Minor in Automotive Technology	As above	Rs.25,000/-
		Minor in Additive Manufacturing Technology	As above	Rs.25,000/-
		Honors in Mechanical Engineering	As above	Rs.25,000/-
		Honors in Robotics	As above	Rs.25,000/-
		Integrated Program M.Tech in	Five Years	Rs.1,50,000/-
		Short Term Certificate course on CNC Programming & Machining.	30 Hrs. Training Prog.	Rs. 5,000/-
		Short Term Certificate Courses on 3-D printing & Scanning	30 Hrs. Training Prog.	Rs. 5,000/-
		Short Term Certificate Courses on Automation	30 Hrs. Training Prog.	Rs. 5,000/-
		Short Term Certificate Courses on Drone	30 Hrs. Trg. Prog.	Rs. 5,000/-
		Short Term Certificate Course on Advance Driver Assistant System	50 Hrs. Trg. Prog.	Rs. 5,000/-

		Short Term Certificate Course on E- Vehicle	50 Hrs. Trg. Prog.	Rs. 5,000/-
		Short Term Certificate Course on Robotics	30 Hrs. Trg. Prog.	Rs. 8,000/-
	Dept. of Chemical Engineering	Minor in Entrepreneurship		Rs.50,000/-
		Minor in Biotechnology		Rs.50,000/-
		Minor in Data Science		Rs.50,000/-
		Certificate Course in Collaboration with MCED "Entrepreneurship Development Prog. On Domestic Chemicals Manufacturing".	40 Hours Program	Rs. 5,000/-
		Certificate Diploma Course "Industrial Safety and Management."	60 Hours Program	Rs. 5,000/- for External & Rs.2500/- for Internal Candidate.
	Dept. of Information Technology	Minor in Data Science	5 Courses of 20 credit each course per Semester starting from 3rd Sem. of B.Tech	As per MGM University Policy
		Minor in Artifice Intelligence & Machine Learning.		
		Minor in Full Stack Web Devp.		
		Minor in Design Thinking		
		Honors in Data Science		
		Honors in AI and Robotics		
		Honors in Blockchain		
15	Performing Folk Arts	P.G. Diploma in Performing Folk Arts	One Year	Rs.10,000/-
16	Library & Information Science	Master in Library & Information Science	Two Years	Rs.20,000/-

The fee structure for Existing Programs for all conducted Colleges /Institutes/Departments :

Sr.No	Name of College	Program Name	Adimission Fee	Tuition Fee
1	Institute of Fire Service	B. Sc. (Fire & Safety)	Rs. 2,000/-	Rs. 60,000/-
		Diploma in Fire Service Engineering	Rs. 2,000/-	Rs. 40,000/-
		Advance Diploma in Industrial Safety and Fire and Safety Engineering	Rs. 2,000/-	Rs. 80,000/-
2	IIFLC	B.A. (Hon.) English	Rs. 2,000/-	Rs. 60,000/-
		M.A. English	Rs. 2,000/-	Rs. 70,000/-
		Diploma in German, French, Japanese, Russian, Arabic, Chinese, Persian, Sanskrit, Marathi and Hindi	Rs. 2,000/-	Rs. 10,000/-
3	Dr. GYP College	B. Sc. CS, IT, Hard & Networking and BCA (Sci.)	Rs. 2,000/-	Rs. 40,000/-
		B. Sc. Animation	Rs. 2,000/-	Rs. 50,000/-
		Integrated M. Sc. Data Science (5 year program)	Rs. 2,000/-	Rs. 1,00,000/-
		M. Sc. CS and IT	Rs. 2,000/-	Rs. 60,000/-
		M. Sc. Data Sc.	Rs. 2,000/-	Rs. 1,00,000/-
4	IBT	B. Sc. (Hons) Biotechnology, Bioinformatics, Microbiology	Rs. 2,000/-	Rs. 1,00,000/-
		B. Sc. (Hons.) Food Technology & Processing	Rs. 2,000/-	Rs. 1,25,000/-
		M. Sc. Biotechnology, Plant Technology, Bioinformatics, Plant Breeding & Molecular Genetics, Industrial Microbiology	Rs. 2,000/-	Rs. 1,00,000/-
5	JNEC	B. Tech. and M. Tech. Civil, Mech, Electronics, Electrical, CSE, IT, Chem, App Sc., MCA, Architecture	Rs. 2,000/-	Rs. 1,50,000/-
6	College of Fine Arts	BFA Applied Art, Interior Design, Ceramic & Pottery	Rs. 2,000/-	Rs. 1,00,000/-
		BFA Painting	Rs. 2,000/-	Rs. 50,000/-
		MFA Applied Art, Interior Design	Rs. 2,000/-	Rs. 1,50,000/-
		MFA Painting	Rs. 2,000/-	Rs. 1,00,000/-
7	Institute of Hotel Mgt.	B. Sc. Hotel Operations & Catering Services, Aviation and Hospitality	Rs. 2,000/-	Rs. 1,00,000/-

		Diploma in Hotel Operations, Aviation and Tourism Mgt.	Rs. 2,000/-	Rs. 40,000/-
		Diploma in Culinary Arts,	Rs. 2,000/-	Rs. 50,000/-
		Certificate course in Food & Beverage Operations, Accommodation	Rs. 2,000/-	Rs. 20,000/-
8	Institute of Fashion Designing	Bachelor of Design Fashion Design (B. Design), Bachelor of Design Textile Design (B. Design)	Rs. 2,000/-	Rs. 1,00,000/-
		Master of Design (M. Design) Fashion Design, Master of Design (M. Design) Textile Design, Fashion Management	Rs. 2,000/-	Rs. 1,50,000/-
		Advance Diploma in Fashion Design & Boutique Management	Rs. 2,000/-	Rs. 45,000/-
		Certificate course in Fashion Design and Boutique Management	Rs. 2,000/-	Rs. 42,000/-
		Digital Illustration, Portfolio Development	Rs. 2,000/-	Rs. 15,000/-
		Fashion Styling, visual Merchandising, Advance Fashion Illustration	Rs. 2,000/-	Rs. 12,000/-
		Fashion Marketing Management, Fashion Retail Merchandising, Basic Fashion Illustration, Aari work Embroidery	Rs. 2,000/-	Rs. 10,000/-
		Basic Embroidery, Sarree Blouse Making, Stitching of different types of Salwar-Kameez and variations, Stitching of different types of skirts, Ethnic (Indian) Wear, Western Wear, Kids Wear	Rs. 2,000/-	Rs. 8,000/-
		Block Printing & Eco Printing, Tie and Dye/Eco Prints, Bag Making, Batik Printing, Basics of Sewing course	Rs. 2,000/-	Rs. 5,000/-
9	Institute of Management & Research	B.B.A.	Rs. 2,000/-	Rs. 1,00,000/-
		M.B.A.	Rs. 2,000/-	Rs. 1,25,000/-
		M.B.A. (Part Time)	Rs. 2,000/-	Rs. 80,000/-
		B. Com. Banking, Insurance, Entrepreneurship, E-Commerce	Rs. 2,000/-	Rs. 1,00,000/-

10	CJMC	B.A. IJMC, Digital Media	Rs. 2,000/-	RS. 80,000/-
		B.A. MCJ	Rs. 2,000/-	Rs. 60,000/-
		B.A. (Hons.) Film Making	Rs. 2,000/-	Rs. 1,50,000/-
		B.A. (Hons.) Photography	Rs. 2,000/-	Rs. 1,50,000/-
		B.A. (Hons.) Dramatic	Rs. 2,000/-	Rs. 50,000/-
		B.A. Economics, Psychology (Liberal Arts)	Rs. 2,000/-	Rs. 1,00,000/-
		M.A. MCJ with specialization, Digital Media	Rs. 2,000/-	Rs. 80,000/-
		Diploma in Film Making	Rs. 2,000/-	Rs. 1,25,000/-
		Diploma in Photography	Rs. 2,000/-	Rs. 80,000/-
		Diploma weekend program in Film Making	Rs. 2,000/-	Rs. 75,000/-
		Diploma in Radio Jockey	Rs. 2,000/-	Rs. 50,000/-
		Photography	Rs. 2,000/-	Rs. 40,000/-
		Acting for Juniors & Seniors, Script writing (English, Marathi), Digital marketing, Video Editing	Rs. 2,000/-	Rs. 30,000/-
		Weekend program in Photography	Rs. 2,000/-	Rs. 11,000/-

Institute wise Fees Collection

Sr No	Name of Institute	Total Fees Collected (Amount in Rs./-)
1	Dr G Y Pathrikar College Of Computer Science And I T	2,79,63,000.00
2	Jawaharlal Nehru Engineering College	13,62,90,617.00
3	University Departments	2,21,17,700.00
4	Institute Of Hotel Management	71,91,205.00
5	Institute Of Bioscience And Technology	3,25,97,400.00
6	College Of Journalism	96,32,177.00
7	Institute Of Fashion Designing	99,64,000.00
8	College Of Fine Art	63,14,000.00
9	Institute Of Fire Service Engineering	1,55,501.00
10	Institute Of Indian And Foreign Languages	14,78,500.00
11	Institute Of Management And Research	4,59,11,238.00
12	Institute Of Social Science	11,41,000.00
	Total	**30,07,56,338.00**

30. University Employee Salary Details

- **Number of Teaching Staff : 186**
- **Number of Non-Teaching Staff: 191**

Sr No	Particular	Amount (in Rs./-)
1	Salary to Teaching Staff	10,85,43,336.00
2	Salary to Non Teaching Staff	4,31,83,725.00
3	Honorarium to Visiting Faculties	1,34,87,334.00
4	Employers contribution to Provident Fund	20,25,511.00
5	Security Expenses	12,96,786.00
6	Gratuity	21,80,330.00
7	Staff Welfare Expenses	14,61,787.00
8	Staff Quarter Rent Expenses	5,55,000.00
9	Staff Recruitment, Training & Other Expenses	22,000.00
10	Provident Fund Administartion Charges	30,871.00
	Total	17,27,86,680.00

MGM University Logo–A Symbol of Self-reliance, Sustainability, Peace and Prosperity for all through Holistic Education

We, at the MGM University live by the vision to ensure sustainable human development which encourages a self-reliant and self-content society, with the mission of creating an environment where empathy, service to society and societal concern become a second nature and empower students to fit into the world of 'new economic order' and help India attain 'pride of place' at the global level.

A small child walking ahead of Gandhiji holding one end of the stick is leading the way for Mahatma Gandhi. Till now, Gandhiji was showing the way to us and now the new generation is leading the way.

The etymology of 'Charkha' is derived from the word 'chakra' which means 'cycle' or 'wheel', the cycle of time, called Kalachakra. Charkha represents the speed at which the world is moving, the passage of linear time in the rhythms of nature and denotes the source of all formative ideas. The charkha, or spinning wheel, was the physical embodiment and symbol of Gandhi's constructive program. It represents swadeshi, self-sufficiency, and at the same time interdependence, because the wheel is at the centre of a network of cotton
growers, weavers, distributors, and users. A spinning wheel is a device for spinning thread or yarn from fibres. It was fundamental to the cotton textile industry prior to the Industrial Revolution. It laid the foundations for later machinery such as the spinning jenny and spinning frame, which displaced the spinning wheel during the Industrial Revolution. Cotton is our first industry, where one-man was self-sufficient as he weaves, makes the cloth and wears it too.

अप्पोदीपोभव। (Appo Deepo Bhava) - Be a light unto yourself.

An integral part of the MGM University logo, these were the last words of the Buddha, his parting message to his disciples. Ananda was the chief disciple of the Buddha. He had been with the enlightened for forty-two years, just like a shadow, non-stop, day out and day in. Even then he had not become enlightened till the Buddha's last day in this mortal world. Thus, when the Buddha was dying, Ananda started crying and said, you are a spiritual Guru and a beacon to me and for all of us on this journey of enlightenment. I know I am not yet enlightened. Then the Buddha said to him, don't cry. "Appo Deepo Bhava", "Just be a light unto yourself; Nobody can give this light to you." Only you can do that miracle to yourself. We have to move towards this divine light that is hidden in each one of us. The Buddha arrived at this conclusion from his own experience with the masters he took refuge in. In this modern era, it is also known as "Mindfulness" which helps us to become aware of what is already true moment by moment. It teaches us how to be present with whatever is happening, no matter what it is.

We, at the MGM University live by the vision to ensure sustainable human development which encourages a self-reliant and self-content society, with the mission of creating an environment where empathy, service to society and societal concern become a second nature and empower students to fit into the world of 'new economic order' and help India attain 'Pride of Place' at the global level.

MGMUNIVERSITY

अत्ताही अत्तनो नाथो
अत्ताही अत्तनो गती
- तथागत

One is one's own master
One is indeed one's own refuge

MGM Campus. N-6. CIDCO. Aurangabad 431003 Maharashtra. India.
0240-6481000
registrar@mgmu.ac.in
mgmu.ac.in