SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

MGM'S COLLEGE OF COMPUTER SCIENCE AND IT, NANDED

MGM CAMPUS, NEAR AIRPORT, NANDED -431605 (MAHARASHTRA)
431605
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SSR SUBMITTED DATE: 28-06-2024

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

June 2024

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

We are happy to present SSR for consideration to the NAAC Authorities.

MGM's College of computer science and IT, Nanded is a self financed, un-aided Institute was established in 2000 by Mahatma Gandhi Mission a Charitable Trust, serving the Nation in education and health sector. The Institute is affiliated to Swami Ramanand Teerth Marathwada University, Nanded. The institute offers four undergraduate and three post-graduate programs in the field of Computer Science, Biotechnology and Bioinformatics. The programs are BCA (Bachelor of Computer Application), B.Sc. (Computer Science), B.Sc. (Biotechnology), B.Sc. (Bioinformatics) M.Sc. (Software Engineering), M.Sc.(Biotechnology) and M.Sc. (Bioinformatics).

We have a lush green campus spread over 12.911 Acres with built up area of 8592 SQMT.

The institution has a constant faith in the spread of state-of-the-art education in Marathwada region. We have well-equipped Computer, Biotechnology and Bioinformatics laboratories with fully equipped Wi-Fi campus. Continuous efforts are taken to impart quality and value based education to raise satisfaction level of all stakeholders. The Institution imparts education through healthy and progressive teaching practices. The caring attitudes of staff towards students result in developing a cordial support and a sense of belongingness.

Teaching learning is supplemented with value added courses, certificate courses and personality development programs. Teaching plan, ICT based teaching, learning skill based project work, seminars, and remedial classes which are effective methods of teaching process. Qualified and experienced faculty actively involved in effective implementation of academic activities. Meritorious students are a trend of institute.

Faculty and students have been consistently excelling in different activities like Cultural, Sports and Avishkar Research festival. Administrative services are provided by CASERP for better functioning of the institute. To provide high quality education through online courses, institute introduced NPTEL/SWAYAM Local Chapter.

To nurture the creative and innovative ideas among students, Institute often organizes technical exhibition, project competitions which help participants to boost confidence, presentation skills and professional ethics and competencies. These are the excellent opportunities for attendees to enhance their skills and knowledge.

Our pride alumni are working in various reputed organizations over the world who achieved their career excellence in diverse fields.

Vision

To empower the professionals to be technologically skilled, innovative, self motivated and become responsible citizens with research oriented approach for solving social and industrial challenges for the betterment of society.

Mission

- To foster skilled human resources through quality education, leading to employability of the students.
- To develop quality professionals by providing state of art training and hands-on experience.
- To nurture students by enhancing ethical and moral values, fostering creativity and innovation enabling entrepreneurial qualities.
- To develop socially responsible students committed to self-reliant India through various extra-curricular and co-curricular activities.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Our key strength lies in well-qualified, experienced and competent 'Visionary Management and Governing Body.'
- Transparency in governance and administration.
- Well-qualified, dedicated and experienced faculty.
- Career-oriented Under Graduate and Post Graduate programs.
- Active Swayam-NPTEL Local Chapter, an initiative of MHRD, Government of India.
- A strong and supportive alumni network.
- State-of-the-art infrastructure with well-equipped laboratories.
- Active Participating Institute under 'Unnat Bharat Abhiyan,' an initiative of MHRD, Government of India, leading to extension activities.
- Healthy and protective environment for girls.
- Eco-friendly, neat and clean campus.
- Focus on student-centric activities leading to overall personality development.

Institutional Weakness

- As a self-financed institute, we have limited resources for development.
- Low student-to-faculty ratio.
- Majority of our students come from rural backgrounds, leading to communication barriers.
- Lower placement ratio due to our remote location.
- Less involvement in research related activities.

Institutional Opportunity

- Raising revenues by organizing value-added courses and consultancy.
- Enhancing the use of online learning platforms for better teaching and learning experiences.
- Enhancing collaboration with businesses and industries.
- Promoting a research-oriented environment.
- Improving students' soft skills and communication abilities.
- Encouraging students to pursue internships for industrial exposure.
- Building strong ties with the local community through service projects, local partnerships and community-based learning.

Institutional Challenge

- As an affiliated institute, we face difficulties in updating the curriculum.
- Being remotely located Institute, challenges in forming industry-institute partnerships and collaborations.
- Being a self-financed institute, we experience a shortage of funds for development.
- Generating resources for development with the help of funding agencies and industry-sponsored projects.
- The institute struggles to provide adequate support and facilities for students with special needs.
- Keeping students motivated and engaged, particularly with the rise of distractions from digital devices and social media.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Institute is affiliated to Swami Ramanand Teerth Marathwada University, Nanded and adopts systematic approach for effective curriculum delivery. Curriculum framed by the affiliating University is followed. In addition to University curriculum various value added programs are conducted. Affiliating University publishes academic calendar every academic year. Based on this, Institutional academic calendar is prepared. This includes planning and scheduling activities like theory, practical sessions, Continuous Internal Evaluation (CIE), Parent-Teacher Meetings (PTM), public holidays, and other events, aligning them with the University academic calendar.

Faculty members prepare teaching plan of his/her subjects in accordance with the Institutional Academic Calendar and University Syllabus which is maintained in CASERP software system. The academic calendar specifies number of working days, aiding faculty members in planning the delivery of the course within the set timeframe.

To ensure effective curriculum delivery, all faculty members prepare course files. The timetable coordinator prepares timetable to facilitate for smooth conduct of lectures and practical sessions, disseminating timetable via classroom displays, institute notice boards, and social media platforms.

Every semester, Institute organizes three internal tests and in practical session orals are conducted. Transparency is maintained in assessment of students. A syllabus completion is monitored to ensure adherence to academic calendar.

In addition to class room teaching, Seminars, Mini-project, Expert talks, industry and field visits, internship, in house project development activities are also implemented.

For effective teaching-learning, Institute provides Wi-Fi enabled campus to access e-learning resources. Students are encouraged for self learning through SWAYAM/NPTEL/MOOCs/ video lectures.

Based on performance of the students in CIE, slow learners are identified, and remedial classes are conducted. Student feedback is taken on curriculum and corrective measures are implemented.

Institute adopts a proactive approach to integrate cross cutting issues such as professional ethics, gender sensitivity, human values, environment and sustainability into the curriculum.

A course on environmental study is included in the curriculum in all programs to address the current issue of environmental awareness. To sensitize students about environmental and sustainability issues, the Institute organizes various activities under NSS, Unnat Bharat Abhiyan, and Eco-Cub.

Teaching-learning and Evaluation

Emphasis is given on student-centric approach in teaching learning, where teachers serve as facilitators and actively participate in the teaching-learning process. The institution's teaching methodologies prioritize addressing student's comprehension, challenges and tailoring the content to meet their learning needs. Our teaching methodologies include experiential learning, participative learning, problem-solving methodologies and use of ICT tools for better understanding. Aligned with our commitment to student-centric education, we continually innovate and empower students to succeed.

Teachers adopt skill-based methods for demonstration, elaboration, and conducting the teaching sessions. The institute goes beyond traditional classroom teachings, offering students to engage in practical, hands-on experiences. Workshops are conducted for hands-on learning and value addition. Annual events like "Tech-Expo- Technical Exhibition", enhances ability of students to learn beyond curriculum, and work in a team.

Participative learning is another cornerstone of the institution's educational framework. Various workshops organized encourage students to actively engage with course material and collaborate with peers. Leveraging a plethora of online resources, like NPTEL, Infosys Springboard, and Coursera, the institute enriches the learning experience and fosters self learning among students. The emphasis of Teaching-Learning is imparting competencies and inculcating value system among students.

Moreover, the institute extends the boundaries of learning beyond academic realms by promoting active involvement in extension and social activities. Central to the institution's educational paradigm is the cultivation of analytical thinking and problem-solving abilities. To this end, Numerical Aptitudes and Logical Reasoning sessions are regularly administered to allow students to hone their problem-solving skills. Faculty engages students with brainstorming activities.

For evaluation, students' performance is monitored continuously during entire semester. Slow learners are identified and special efforts are taken to improve their performance. Transparency and robustness are the key features of evaluation system, where various assessment tools are used and transparency is maintained in the evaluation system. Grievance redressal mechanism is in place to address grievances regarding the same, if any.

Our pass out students, working in various organizations all over the globe has proved their competencies. Outstanding results of Students' in University examination have endorsed teaching- learning and evaluation systems of this Institute.

Research, Innovations and Extension

The Institute encourages the faculty and students to attend workshops, seminars and conferences to enhance the capability of students. Faculty members are encouraged to publish research papers; book/book chapters in UGC approved National and International journals. We have Innovation and Incubation center, which support all faculty and student for exploring their innovative ideas. Expert lectures/talks, seminars and various value addition programs are organized regularly to enhance students learning levels.

Maharashtra State Innovation Society, an initiative of Government of Maharashtra awarded cash seed money of Rs 100000/- each for two groups of students of our Institute for their innovative ideas. Our students won many prizes in state and national level project competitions. We have received Third prize at State Level Research Convention 2023 which was held at Savitribai Phule, Pune University, Pune. To promote collaborative industry academia interaction, the Institution has signed MoUs with reputed industries and organizations.

Our students take active participation in extension activities through National Service Scheme of Government of India, Unnat Bharat Abhiyan an initiative of Government of India and Eco Club of the Institute.

The Institute is having National Service Scheme (NSS) unit of 100 students. Every year NSS students take part in various Government led community service activities and programmes. This help in developing the personality and character of the student youth through voluntary community service. 'Education through Service' is the purpose of the NSS.

Our Institute is recognized as participating Institute under Unnat Bharat Abhiyaan through which extension activities are conducted and the culture of serving society is inculcated amongst the students. Under Unnat Bhart Abhiyaan, Institute has adopted five villages. Students and the faculty members visit regularly to these villages, and extend their services. Students are involved in inclusive development of the villagers and try to resolve real-life challenges.

Annual event of the Institute "Tech-Expo- A Technical Exhibition" helps students to explore their innovative ideas and help in serving the society through various technical activities such as Cyber Security, Safe use of Internet, Spreading various Govt. schemes to the society and many more.

Infrastructure and Learning Resources

For effective delivery of teaching-learning, co-curricular, extracurricular activities and administrative work, adequate infrastructure facilities are made available in the campus. The Institutional campus is spread over 12.911 acres having total built-up area of 8592 SQMT with lush green garden and good ambience resulting in conducive environment for teaching-learning. Every department of the institution is having well equipped laboratories.

Infrastructural facilities are modified and updated from time to time to keep pace with the academic requirements and as per guidelines of statutory regulatory authorities. Facilities on the campus are developed to contribute for the effective ambience for curricular, extra-curricular and administrative activities. Every year provision of expenditure is made in the annual budget for maintenance and replenishment of physical and infrastructural facilities on a continual basis.

Facilities for indoor and outdoor games like Table Tennins, Chess, Cricket, Volleyball, Basketball, Football, Kabbadi and Atheletics are available.

To acquire information, knowledge and skills required for the study programs, Institutional Library is having 7500+ books, 11 National journals, 05 periodicals. We have subscription to Enlist and DELNET. Enlist provides e-learning access to 31,64,309 books on various topics, 6150 e-journals and Delnet provides 5000+ e-journals, 1,45,000 thesis and dissertations, availability of more than 40 Million books on inter-library loan facility. Newspapers in 12 regional languages, audio books, manuscripts and rare books are made available. Students make use of these e-learning resources to acquire information, knowledge and skills.

Institutional Library is automated and makes use of e-Granthalaya as ILMS for effective functioning of the transactions that takes place in the library. Students and faculty can have remote access to Delnet, making it possible to access contents any time anywhere. Institute also have OPAC(Online Public Access Catalogue) which supports interface to users to search library catalogues, check the availability of books.

The institution continuously updates its IT infrastructure facilities for adequate technology deployment and maintenance.

The ICT facilities and other learning resources are adequately made available in the institution for academic and administrative purposes. The staff and students have access to technology and information retrieval. For various academic and administrative functioning, the Institute deploys ICT facilities.

Student Support and Progression

For holistic development and progression of the learners, Institute takes all possible efforts and assists them for meaningful experiences and the progression to higher education and gainful placement. Institute continuously monitors performance of the students and guide them to achieve their goals.

Various cells/committees like Career Counseling Cell, Training and Placement Cell, Grievance Redressal Committee, Innovation and Incubation Cell, IPR Cell, Skill Enhancement Cell and cells for welfare measures continuously support students for their progression. Special efforts are taken for the needy students with learning difficulties. Innovation and incubation cell, and skill enhancement cell continuously organize value added courses for skill enhancement. Students are benefited through various government and non-government scholarships, free-ships and other schemes.

The Institute takes efforts for improving employability of the students and to improve their performance in various competitive examinations conducted for admission to higher education. Every week teachers interact with the class and arrange activities like group discussions, aptitude tests, practice logical reasoning, extempore speech etc. For this, every week 'Interactive Session' is scheduled in the time table.

Institute identifies the reasons for poor attainment and plan and implements remedial measures to improve outcomes. Some of the good practices that we follow are: Interactive session for overall improvement in the personality, Project competition for all the students in every semester, value added courses, skill enhancement through various add on courses and many more, resulting in gainful employment and students getting qualified for state/national/international level exams or competitions.

For inculcating social responsibility and good citizenry amongst its student community the institution promotes inclusive practices for social justice and better stakeholder relationships by organizing various programs on

human Values and ethical practice. The institution has the required infrastructure and promotes active participation of the students in social, cultural and leisure activities. Institute provides every opportunity for the learners to facilitate developing various skills and competencies for holistic development.

The Institute has registered alumni association that supports students on trending academic topics and organizes financial and non-financial resources. The alumni association is supported by the institution in order to enable them to make a substantial contribution.

Governance, Leadership and Management

Being self finance institute with limited financial resources, the Institute has evolved a system for effective functioning. The Institute has framed policies and practices for participative decision making in the matter of planning human resources, recruitment, training, performance appraisal, financial management. Functioning of the Institute is governed by the College Development Committee and IQAC along with faculty and other supporting staff of the Institute.

While achieving the vision and mission of the Institute, we believe in the team work and participative decision making process. For coordinating the academic and administrative planning and implementation, various cells and committees are functioning and contributing in the development of the institute and improve organizational culture of discipline and inclusive environment.

Vision and mission of the Institute are well-defined and disseminated to every stakeholder to work in achieving the same.

Due procedure is followed for recruitment of the staff. Faculty members are encouraged for their professional development and improvement in qualification. An attempt is made to improve the staff members' professional competency. The performance of the faculty members is assessed through the feedback from the students, his/her overall behavior with the students and performance appraisal which is forwarded to the Principal through the Head of the Departments.

Being self finance Institute, budgeting and optimum utilization of finance as well as mobilization of resources is the key issue. The organization has created plans for resource mobilization and guarantees financial management openness. Regular internal and external audits are conducted on the institution's revenue and expenses.

We believe in continuous improvement and always there is scope for improvement. The internal quality assurance systems of the Institute is self-regulated and is aimed at continuous improvement of quality and achieving academic excellence. The institution has mechanisms for academic and administrative auditing. We go for academic and administrative audit every year for quality improvement and it adopts quality management strategies in all academic and administrative aspects. The institution has an IQAC and adopts a participatory approach in achieving its vision and mission.

Institutional Values and Best Practices

We believe that today's students are tomorrow's responsible citizens of India and they should be able to deal with changing societal needs. There are many pressing issues such as gender equity, environmental

consciousness and sustainability, inclusiveness and professional ethics. To inculcate human values and to practice ethics, Institute organizes various programs that address all these issues and make the learner sensitive about these issues. Special efforts are undertaken for women empowerment and women rights. Institutional values are regularly spread amongst students and staff, by commemorating anniversaries of the National heroes, notable scientists, reformers and celebrating special days.

Our students celebrate many occasions like New Year, Dipawali, Shiv Jayanti with members of specially-abled community, orphanage, old-age homes and Leprosy Care Center.

We at our Institute follow various environmental friendly practices through NSS unit, Unnat Bharat Abhiyan and Eco club. Measures are taken and inculcated amongst students about energy conservation, rainwater harvesting, waste and e-waste recycling and its management through systematic disposal of dry and wet waste.

The green initiatives are undertaken. Awareness is spread amongst the students for environmental conservation through minimizing use of paper, avoiding use of plastics.

Digitization and use of technology, social media platforms for communication has resulted in minimizing use of paper. Institute is ISO certified and completed Green, Environmental and energy audit.

The ramp and rest room facilities are made available for Divyangjan.

Some of the best practices we adhere to are as follows:

"Tech-Expo" is an annual technical exposition activity, which addresses many concerns including Cyber Crime to raise awareness of usage of technology while also enhancing abilities to use online platform, safe use of social media, issues related to healthcare and hygiene.

"River-Bank Clean-up," is an annual community service endeavor orchestrated by institute, serves as an exemplary illustration of how higher education institutions can serve as agents of positive change within their local communities.

The institute's distinctiveness is to conduct interactive session for every class which encourages students to participate in curricular and co-curricular activities which results in overall personality development.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	MGM'S COLLEGE OF COMPUTER SCIENCE AND IT, NANDED
Address	MGM Campus, Near Airport, Nanded -431605 (Maharashtra)
City	Nanded
State	Maharashtra
Pin	431605
Website	www.mgmccsit.ac.in

Contacts for Communication					
Designation	**Name**	**Telephone with STD Code**	**Mobile**	**Fax**	**Email**
Principal(in-charge)	Shirish L. Kotgire	02462-222592	9158677555	-	mgmccsit_naac@mgmcen.ac.in
IQAC / CIQA coordinator	Vishal M. Pathak	-	9420195173	-	vishalmpathak@gmail.com

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details

State	University name	Document
Maharashtra	Swami Ramanand Teerth Marathwada University	[View Document](#)

Details of UGC recognition

Under Section	Date	View Document
2f of UGC		
12B of UGC		

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
No contents				

Recognitions

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus

Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	MGM Campus, Near Airport, Nanded -431605 (Maharashtra)	Urban	12.11	8592

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BSc,Computer Science And It,Computer Science	36	H.Sc. Science	English	276	275
UG	BCA,Computer Science And It,	36	H.Sc. Arts Commerce Science and MCVC	English	276	275
UG	BSc,Biotechnology And Bioinformatics,Biotechnology	36	HSC Science	English	160	150
UG	BSc,Biotechnology And Bioinformatics,Bioinformatics	36	H.Sc. Science	English	80	79
PG	MSc,Computer Science And It,Software Engineering	24	Science Graduate	English	60	58
PG	MSc,Biotechnology And Bioinformatics,Bioinformatics	24	Science Graduate	English	30	11
PG	MSc,Biotechnology And Bioinformatics,Biotechnology	24	Science Graduate	English	30	29

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				**Associate Professor**				**Assistant Professor**			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				43			
Recruited	0	0	0	0	0	0	0	0	15	15	0	30
Yet to Recruit	0				0				13			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				18
Recruited	9	1	0	10
Yet to Recruit				8

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				6
Recruited	1	0	0	1
Yet to Recruit				5

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	2	4	0	6
M.Phil.	0	0	0	0	0	0	0	1	0	1
PG	0	0	0	0	0	0	13	10	0	23
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	1	10	0	11
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	**Male**	**Female**	**Others**	**Total**
	1	0	0	1

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	987	2	0	0	989
	Female	764	0	0	1	765
	Others	0	0	0	0	0
PG	Male	72	0	0	0	72
	Female	108	0	0	0	108
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Category		Year 1	Year 2	Year 3	Year 4
SC	Male	101	159	166	108
	Female	73	94	116	96
	Others	0	0	0	0
ST	Male	17	10	11	5
	Female	9	15	11	9
	Others	0	0	0	0
OBC	Male	27	26	130	134
	Female	33	45	90	84
	Others	0	0	0	0
General	Male	1031	1019	653	442
	Female	500	455	419	371
	Others	0	0	0	0
Others	Male	73	73	136	136
	Female	87	94	97	126
	Others	0	0	0	0
Total		1951	1990	1829	1511

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	MGM's College of Computer Science & IT, Nanded recognizes the importance of multidisciplinary and interdisciplinary education and strives to incorporate it into our programs. As per the new National Education Policy (NEP-2020) students are allowed to tailor their education pathways to their individual interests and career goals. At our institute, students actively engage in projects that span multiple disciplines, providing them with the opportunity to gain knowledge and skills from different disciplines. Many of our students collaborate with students of other departments & develop varied interdisciplinary projects.
2. Academic bank of credits (ABC):	The Academic Bank of Credit (ABC) system has been established on the lines of the National Academic Depository, which is the backbone of the National Education Policy (NEP). Our institute has implemented the ABC system by following the guidelines of the affiliated university and the Higher Education Department. For this purpose, the institute has been enrolling newly admitted students to create their ABC IDs for the past two years. To raise awareness about the ABC ID, the institute has circulated various videos, links, and PowerPoint presentations among students through social media groups. All students admitted to our institute have registered on the ABC portal and obtained their ABC IDs.
3. Skill development:	The institute has established a Skill Enhancement Cell that regularly organizes various value-added programs, certificate courses, and short-term training programs. Additionally, the institute has signed Memorandums of Understanding (MoUs) with various organizations, initiating numerous activities aimed at skill development among students. These initiatives significantly enhance the skills of our students. Furthermore, the institute encourages all the students, from the first year to the final year, to actively participate in projects and project competitions to further enhance their skills.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	To integrate the Indian Knowledge System, our institute organizes extracurricular and co-curricular activities that follow the traditions and cultures of different states. "Mrudgandh", is a renowned cultural activity of Annual Social Gathering, performed by our students to represent culture of various states,

	aiming to foster an understanding of cultural values. Additionally, the institute promotes the Indian Knowledge System through Faculty Development Programs such as Art of Living, Yoga Day, Art of Mind Control, Vachan Prerna Din, Vacchu Anande, Marathi Bhasha Gaurav Din etc.
5. Focus on Outcome based education (OBE):	Outcome-Based Education (OBE) is integral to our academic framework at our Institute, encompassing four undergraduate and three postgraduate programs. The curriculum is designed to closely align with desired learning outcomes, emphasizing both theoretical knowledge and practical skills. Our Institute establishes a clear set of POs aligned with industry standards, accreditation requirements, and the institution's vision and mission. Faculty members, in collaboration with board of studies and subject experts, develop COs for each course. These COs are then aligned with the broader Program Outcomes (POs), ensuring a cohesive learning experience. To further enhance the relevance and effectiveness of our programs, PSOs are developed through rigorous discussions among the subject experts, head of department and academic experts to ensure that they reflect the specific competencies and skills required in the respective fields. The implementation of OBE approach is done through calculating attainment of COs and POs. For calculating the attainment, direct and indirect methods are used in which the assessment tools like internal tests, end semester exams falls under direct attainment, whereas different surveys like Course Exit survey, Program Exit Survey falls under indirect method. By considering 80 % of direct attainment and 20 % of indirect attainment the CO-PO attainment is calculated. These strategies collectively ensure that our institute has a strong focus on Outcome based education (OBE).
6. Distance education/online education:	At our institute, distance education or online education has played a vital role in recent years. During the COVID-19 pandemic, the institute swiftly adopted online teaching methods, utilizing various LMS platforms and Social Media apps to ensure the continuity of online education. The institute also established a local chapter of NPTEL and offers SWAYAM/MOOC courses to both students and faculty as part of its online education initiatives. The concept of virtual labs has also been implemented, allowing students to conduct experiments and

	practicals in a simulated environment, thus enhancing their practical skills and understanding of theoretical concepts. Furthermore, the institute encourages faculty to provide education through a hybrid mode and to develop e-content for their courses. The institute has also identified and implemented online learning for some of the courses.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	Yes, it has been set up with the primary goal of sensitizing the student community about democratic rights which includes casting votes in elections.
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	Yes, Student's Coordinator and Coordinating faculty members are appointed by the institute, ELC club is functional and the ELCs are representative in character. Following faculty members and student coordinators are appointed by the institute to take care of ELC club. Faculty Coordinators: • Dr. Sunil V. Dahale • Mrs. Anita J. Shinde • Mr. Sushant S. Bolwar Students Coordinators for the AY 2023-24: • Mr. Gajjewar Vaibhav • Mr. Dahale Shreya • Mr. Kadam Nilkanth • Mr. Dandge Akansha • Mr. Dhage Sarthak
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.	The ELC club conducted a voter awareness camp and administered a student oath for elections. Additionally, a street play campaign for voter awareness under SVEEP (Systematic Voters' Education and Electoral Participation) was organized in collaboration with the District Collector Office, Nanded.
4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.	The ELC club organized following programs: 1. Voter ID Registration Camp was organized on 3rd December 2022 in college campus. Honorable Mr. Abhijit Raut (District Collector, Nanded) was the chief guest of the program and he has explained the importance of voting in election process. He insisted all eligible students to submit their new voter application form to the NSS volunteers and college

<table>
<tr>
<td></td>
<td>students. 2. To sensitize students for their electoral rights, institute organized Voter Registration Camp. 3. Our students performed Street Play in the voter awareness campaign. 4. Street Play campaign under SVEEP for voter awareness is organized in association with Collector Office, Nanded. 5. Government officials from District Collector office Nanded, have visited our campus along with Demo electronic Voting machine (VVPAT). These officials have guided our students for handling Electronic Voting machine and about the complete process of Electronic Voting. These officials also explain how Electronic Voting Machine Works and what is the role of VVPAT in the process of Electronic Voting. 6. Government officials from Nanded-Waghala Municipal Corporation, Nanded have also visited our campus and make students aware about voting rights and guided them about the role of voter in Nation building. 7. To make our students responsible citizen of the country, the NWCMC official also has administered the oath to our students regarding voting. These initiatives aim to empower students with knowledge about the electoral process and foster a sense of civic responsibility, encouraging them to actively participate in shaping the future of our democracy.</td>
</tr>
<tr>
<td>5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.</td>
<td>We identified 181 students from our institute who were above 18 years of age and were not enrolled as voters in electoral roll. Our ELC managed to enroll 143 students in the voter registration camp.</td>
</tr>
</table>

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1951	1990	1829	1511	1542

File Description	Document
Upload Supporting Document	[View Document](#)
Institutional data in prescribed format	[View Document](#)

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 33

File Description	Document
Upload Supporting Document	[View Document](#)
Institutional data in prescribed format	[View Document](#)

2.2

Number of teaching staff / full time teachers year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
23	22	24	23	24

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
61.66	27.46	24.68	31.23	26.37

File Description	Document
Upload Supporting Document	View Document

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1

The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

Institute is affiliated to Swami Ramanand Teerth Marathwada University, Nanded and offers seven programs in Computer Science, Biotechnology, and Bioinformatics at UG and PG level. The Curriculum is framed by the affiliating University. The Institute adopts a systematic approach for effective delivery of the curriculum.

The affiliating University publishes academic calendar at the beginning of every academic year. Based on this Institute prepares Institutional academic calendar. This includes planning and scheduling various academic activities such as theory and practical sessions, Continuous Internal Evaluation (CIE), Parent-Teacher Meetings (PTM), public holidays, and other important events, aligning them with the University academic calendar.

At the end of each academic year, the IQAC convenes a meeting to strategize for the smooth functioning of the upcoming academic year. Every faculty member prepares a teaching plan of his/her subjects and uploads the same in ERP software following Academic Calendar and University Syllabus. The complete documentation is prepared and maintained in ERP software.

Teaching schedule commence irrespective of declaration of results to ensure an adequate number of working days during the semester by cancelling some of the public holidays. The academic calendar specifies the number of working days for the current semester, aiding faculty members in planning the delivery of the course within the set timeframe.

Workload distribution and planning are crucial and is initiated immediately at the end of each semester to allow faculty members ample time for preparation before the start of the new semester.

Workload distribution considers the preferences of every faculty, and final decisions are made based on their expertise and experience. Other responsibilities such as Internal Tests, Seminars, Projects, Timetables, and Daily/Weekly reports in-charge are also assigned.

All faculty members prepare course files for their assigned subjects to ensure effective curriculum delivery.

The timetable coordinator prepares department-wise theory and practical timetable including interactive sessions to facilitate smooth conduct of lectures and practical sessions, disseminating them via classroom displays, institute notice boards, and social media platforms.

Daily and weekly reports are maintained by each department for continuous monitoring delivery of curriculum.

Department Heads holds regular meetings to review curriculum delivery effectiveness.

In every semester, for Continuous Internal Evaluation, three internal tests and orals during practical are conducted. Results are displayed, communicated and discussed with students. Syllabus completion is monitored monthly to ensure satisfactory topic coverage before tests.

Class teachers form student groups on social media for students to facilitate communication of essential information such as timetables, notices, assignments, and PTM reports.

In addition to class room teaching, Seminars, Mini-project, Expert talk, industry and field visits, in-house projects development activities are also implemented.

For effective teaching-learning, Institute provides Internet to access e-learning resources and SWAYAM/NPTEL/MOOCs/video lectures.

Based on performance of the students in CIE, students requiring additional support are identified, and remedial classes are conducted to enhance their performance. Student feedback is taken on curriculum and corrective measures are implemented.

Thus the Institution ensures effective curriculum planning and delivery of the curriculum and continuous internal assessment *is carried out for assessing the outcome*.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

1.2 Academic Flexibility

1.2.1

Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

Response: 50

File Description	Document
List of students and the attendance sheet for the above mentioned programs	[View Document](#)
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Evidence of course completion, like course completion certificate etc. Apart from the above:	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

Other Upload Files	
1	[View Document](#)

1.2.2

Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

Response: 13.28

1.2.2.1 Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
249	153	449	119	202

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

1.3 Curriculum Enrichment

1.3.1

Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

Response:

Institute adopts a proactive approach to integrate crosscutting issues such as professional ethics, gender sensitivity, human values, environment, and sustainability into the curriculum. Some of the activities/methods employed are:

Gender Sensitivity:

Gender sensitivity and gender sensitization are actively promoted through practical initiatives. Gender equity programs are organized for both male and female students, aiming to raise awareness about gender as a social construct and foster various approaches to promote gender equity.

The Institute invites experts to deliver lectures and organize workshops on topics related to professional ethics, gender equality, human values, environment and sustainability. These sessions provide real-world insights and practical guidance to students. Additionally, the Institute organizes guest lectures on women's health and conducts health check-up camps for female students.

For hands-on experiences related to gender sensitivity, enabling students to engage with real-life situations through fieldwork, community outreach, gender sensitization activities, seminars and expert talk.

The NSS unit conducts various gender sensitization activities both within the Institute premises and in adopted villages. It focuses on critical gender issues such as saving the girl child through various initiatives.

A Women's Grievance Redressal Cell provides counseling and promotes gender equity among students. These cells address safety concerns for female students and faculty, boy's and girl's hostels ensure a safe environment. Complaint/Suggestion box have been placed and Online Grievance Redressal Portal is implemented to encourage students to express their grievances freely, without any fear of victimization.

Environment and Sustainability:

A course on environmental study is included in the curriculum in all programs to address the current issue of environmental awareness. To sensitize students about environmental and sustainability issues, the Institute organizes various activities under NSS, Unnat Bharat Abhiyan, and Eco-Cub.

The NSS unit promotes environmental protection through, cleanliness drives and other social programs such as Unity Run, Road Safety week, Voter ID registration, Constitution Day, International Yoga Day, Expert talk on Stress Management, Blood donation camp and Nirmalya Sankalan.

Under Unnat Bharat Abhiyan (UBA), an initiative of Government of India, our college has adopted five villages in Nanded block. Under this, we have organized Gram Sabha to set the road map of development of the village. An Environmental awareness program was organized on Republic day. The Tree Plantation activity was organized on the occasion of Independence Day.

Students have established Eco-Club, an organization paying attention on raising awareness and taking action to address environmental issues. This club engages in various activities like, Godavari River bank clean-up, best out of waste and study tour for exploring the biodiversity to promote environmental

sustainability.

Human Values and Professional Ethics:

Students must understand human values and adhere to professional ethics in their respective fields. They engage in value-added workshops, seminars, and events to raise awareness of their responsibilities and professional ethics.

The Institute follows guidelines for plagiarism prevention, ensuring that all project work and assignments originating from students are original and not plagiarized from any source. To cultivate good professional ethics, the Institute offers courses in organizational behavior, Functional English, Corporate English and communication skills.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

1.3.2

Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 36.6

1.3.2.1 **Number of students undertaking project work/field work / internships**

Response: 714

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

1.4 Feedback System

1.4.1

Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website

Response: A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website

File Description	Document
Feedback analysis report submitted to appropriate bodies	[View Document](#)
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	[View Document](#)
Action taken report on the feedback analysis	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Enrolment percentage

Response: 84.81

2.1.1.1 **Number of seats filled year wise during last five years (Only first year admissions to be considered)**

2022-23	2021-22	2020-21	2019-20	2018-19
876	712	626	713	751

2.1.1.2 **Number of sanctioned seats year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
936	861	854	840	846

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Final admission list as published by the HEI and endorsed by the competent authority	[View Document](#)
Document related to sanction of intake from affiliating University/ Government/statutory body for first year's students only.	[View Document](#)

2.1.2

Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

Response: 68.38

2.1.2.1 **Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)**

2022-23	2021-22	2020-21	2019-20	2018-19
291	295	271	320	317

2.1.2.2 Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
437	437	437	437	437

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	[View Document](#)
Copy of communication issued by state govt. or Central Government indicating the reserved categories(SC,ST,OBC,Divyangjan,etc.) to be considered as per the state rule (Translated copy in English to be provided as applicable)	[View Document](#)

2.2 Student Teacher Ratio

2.2.1

Student – Full time Teacher Ratio
(Data for the latest completed academic year)

Response: 84.83

2.3 Teaching- Learning Process

2.3.1

Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Response:

The institution places significant emphasis on a student-centric approach to education, positioning teachers as facilitators and students as active participants in the teaching-learning process. This dynamic paradigm shifts the focus from traditional, teacher-led instruction to a more collaborative and interactive framework, where the primary goal is to address students' comprehension challenges and tailor educational content to their learning needs. By prioritizing a student-centric methodology, the institution aims to foster an environment where students not only acquire knowledge but also develop critical thinking and practical skills.

The educational framework of the institution is underpinned by a variety of teaching methods, including experiential learning, participative learning, problem-solving approaches, and the integration of ICT tools.

Experiential Learning

Experiential learning is a cornerstone of the institution's approach, providing students with hands-on experiences that go beyond traditional classroom settings. Workshops on cutting-edge technologies such as the Internet of Things (IoT) and Solar PV Technology are conducted, offering students opportunities to apply theoretical concepts in real-world scenarios. Additionally, events like "Tech-Expo Exhibitions" where students create and present projects, foster practical skills and innovation. This immersive approach not only deepens students' understanding but also cultivates invaluable practical skills that are essential for their future careers.

Participative Learning

Participative learning further enriches the educational experience by encouraging students to actively engage with course material and collaborate with their peers. Through interactive workshops, students are motivated to explore course concepts in depth and engage in self-directed learning. This collaborative approach promotes a culture of inquiry and exploration, allowing students to take ownership of their learning journey.

Problem-Solving Skills

Central to the institution's educational philosophy is the development of analytical thinking and problem-solving abilities. To this end, structured sessions on numerical aptitude are conducted, providing students with opportunities to hone their problem-solving skills in a guided environment. Faculty members actively engage students in project development and encourage participation in various project competitions such as "Avishkar." These activities are complemented by brainstorming sessions and extempore speaking exercises, all aimed at fostering a mindset of analytical inquiry and creative problem-solving.

This emphasis on developing critical thinking skills not only prepares students for academic success but also equips them to navigate the complexities of real-world challenges. By nurturing these abilities, the institution ensures that pass-out graduates are well-prepared to tackle the evolving demands of the professional world.

ICT Tools for Online Learning

In recognition of the transformative role of technology in education, the institution seamlessly integrates

ICT tools into its teaching methodologies by utilizing a wide array of online resources. MOOCs such as Swayam-NPTEL, Infosys Springboard and Coursera provide students with access to a wealth of knowledge, allowing them to adapt to the dynamic demands of the digital era.

This integration of ICT tools not only fosters a culture of continuous learning but also equips students with the critical skills needed to thrive in an increasingly digital-centric society. By leveraging these technologies, the institution ensures that the students are well-versed in the digital tools and platforms that are integral to modern professional environments.

File Description	Document
Upload Additional information	View Document

2.4 Teacher Profile and Quality

2.4.1

Percentage of full-time teachers against sanctioned posts during the last five years

Response: 53.95

2.4.1.1 **Number of sanctioned posts year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
43	43	43	43	43

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts)	View Document

2.4.2

Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)

Response: 31.9

2.4.2.1 **Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
08	09	07	07	06

File Description	Document
List of faculties having Ph. D. / D.Sc. / D.Litt./ L.L.D along with particulars of degree awarding university, subject and the year of award per academic year.	[View Document](#)
Institution data in the prescribed format	[View Document](#)
Copies of Ph.D./D.Sc / D.Litt./ L.L.D awareded by UGC recognized universities	[View Document](#)

2.5 Evaluation Process and Reforms

2.5.1

Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

Response:

Continuous Internal Evaluation (CIE) at our institution is meticulously designed to ensure transparency, efficiency, and fairness in assessing student performance. Central to this process are periodic tests conducted at regular intervals, supplemented by a robust framework for addressing grievances related to evaluation of internal/external examinations in a transparent and timely manner.

The foundation of CIE lies in clearly defined criteria for internal assessment, which are communicated well in advance to all students. Following each assessment, students have the opportunity to review their answer books, enabling them to raise any concerns regarding the evaluation process. This process not only resolves issues promptly but also educates students on expected standards, fostering clarity and fairness. Additionally, students can register their remarks on the answer book itself, allowing for a direct channel of communication between students and evaluators.

To uphold transparency, the institution maintains an accessible academic calendar, available to all students and teachers. This calendar ensures that assessments and grievance redressal procedures adhere to predefined timelines, providing a structured approach to the evaluation process. All issues related to grievances are promptly addressed under the supervision of Principal and Head of Departments.

Student performance is communicated openly within the classroom, promoting a culture of accountability and continuous improvement. Those identified as needing support receive personalized guidance to improve their understanding and performance. This open communication fosters a supportive learning environment where students can seek help without hesitation. The Exam Cell further strengthens

the integrity and transparency of internal assessments. This cell plays a crucial role in ensuring that internal evaluations are conducted fairly and as per schedule.

During semester exams, any grievances related to University question papers are addressed through the Centre Superintendent and promptly reported to the University. This ensures that issues are resolved quickly and that students are not unduly disadvantaged. Answer scripts of these exams are evaluated at designated centers and the results are finalized and communicated back to the college. Students dissatisfied with their University exam results have the option to apply for revaluation or obtain photocopies of their answer books through college. This evaluation process enhances the accuracy and fairness of the final results, providing students with additional avenues to ensure their concerns are addressed.

A key aim of this comprehensive approach is the clear communication of assessment criteria and procedures, providing students with access to relevant information throughout the evaluation cycle. A time-bound grievance redressal system is instrumental in resolving concerns promptly while maintaining confidentiality and encouraging open dialogue. This approach ensures that students feel heard and supported, contributing to a positive academic experience.

In essence, the institution's commitment to transparency and efficiency in its evaluation processes not only ensures academic integrity but also cultivates a supportive learning environment. By empowering students to understand and engage with their assessments, the institution fosters a culture of accountability and continuous improvement. This, in turn, enhances educational outcomes for all stakeholders involved, reinforcing the institution's dedication to excellence in education.

File Description	Document
Upload Additional information	[View Document](#)

2.6 Student Performance and Learning Outcomes

2.6.1

Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website

Response:

Program Outcomes (POs) and **Program Specific Outcomes (PSOs)** play a key role in defining the competencies that graduates of Science programs should possess upon completing their education. POs outline the general skills and knowledge that all graduates should acquire, while PSOs define additional, unique competencies tailored to the college's specific strengths and regional needs.

Program Specific Outcomes (PSOs)

The creation of PSOs involves a collaborative and rigorous process. The Head of the Department (HOD) initiated this process by organizing brainstorming sessions with faculty members.

The draft of the outcome is generated after collecting diverse inputs from all the faculty members which reflects the department's academic and professional goals in tune with vision and mission of the institute. Before finalizing the PSOs inputs were taken from industry experts and academicians.

Course Outcomes (COs)

For each course, faculty follows COs predefined by members of Board of Studies and subject Experts. These CO statements specify the learning objectives and expected competencies for each course which are appropriately mapped with POs.

Dissemination of Program Outcomes (POs) and PSOs

The institution employs a multi-faceted approach to effectively disseminate POs and PSOs to all stakeholders:

1.   **Institutional Website**: The POs are prominently displayed on the institution's official website, making them accessible to current and prospective students, faculty, and external stakeholders.

2.   **HOD Cabin**: POs are displayed in the cabin of respective HOD. This visual presence helps maintain a clear focus on program objectives during departmental meetings and when discussing academic strategies with faculty and students.

3.   **Departments**: Displaying the outcomes in respective departments reinforces the objectives during academic sessions. This helps students to see the relevance of their hands-on work in achieving the overall program goals.

4.   **Notice Boards**: Posting the outcomes on notice boards ensures that they are visible in institute premises where academic activities take place.

Dissemination of Course Outcomes (COs)

To ensure that students understand the specific expectations for each course, the institution employs several dissemination strategies:

1. **University Syllabus:** COs for every course are stated in University curriculum which is available for the students and faculty.

2.   **Introductory Lectures**: Faculty members explain the expected outcomes during orientation classes or the initial lectures of each semester. This early communication helps students understand what they are expected to achieve and how the course aligns with their overall educational objectives.

3.   **Institutional Website**: COs are displayed on the institution's website. This allows students and faculty to access detailed information about the learning objectives and expected competencies for each course at any time.

4.   **Faculty Course Files**: COs are included in the faculty's course files. This practice maintains clarity and consistency in teaching and assessment practices.

Conclusion

Through these comprehensive dissemination strategies, the institution ensures that Program Outcomes, Program Specific Outcomes, and Course Outcomes are clearly articulated, effectively communicated to the students and displayed on institutional website.

File Description	Document
Upload Additional information	[View Document](#)

2.6.2

Attainment of POs and COs are evaluated.

Explain with evidence in a maximum of 500 words

Response:

The whole education system is reformed around Outcome Based Education. Analysis of Course Outcome(COs) and Program Outcome(POs) attainment helps in assessing and reviewing the teaching learning process. Every faculty evaluates CO and PO attainment for assuring and enhancing the quality of education.

- **POs** are statements that describe what the students graduating from programs should be able to do at the time of graduation.
- **PSOs** are statements that describe what the graduates of a specific program should be able to do at the time of graduation.
- **COs** are the statements that describe what the students are expected to know and be able to do at the end of course.

Attainment of COs:

Attainment of COs can be measured **directly** and **indirectly.** The proportionate weightages 80:20 assigned to direct and indirect attainment.

Periodic Tests, End Semester Examination, Major Projects are used to determine a direct attainment of the course outcomes.

Direct attainment of a specific COs is determined from the performances of students in all the assessment tools related to that particular CO.

- Indirect attainment of COs is determined from the course exit survey.

Steps for CO Attainment Computation Process

1 : For every subject 3-6 CO are defined using appropriate action verbs and mapped to PO on a scale of 0

to 3. The justification for the mapping is prepared.

2: Maximum marks allotted to each question, mapped to a cognitive level and the corresponding CO. Record the percentage of students achieving a set percentage of maximum marks allotted to an individual CO in a given assessment tool.

3: The number of students scoring marks more than set target are counted. The count is converted into percentage.

Attainment Levels	Criteria
1	40% students scoring more than or equals to target.
2	50% students scoring more than or equals to target.
3	60% students scoring more than or equals to target.

4: The percentage calculated in step 3 is compared with the range assigned to the three attainment levels as shown in above table to find out the corresponding attainment level.

5: The indirect CO attainment is determined based on the students' responses registered in course exit survey.

6: Combine the Direct and Indirect CO Attainment

Combine the Direct PO attainment with the indirect PO-attainment using the proportionate weightages 80:20.

Attainment of PO and PSOs:

Periodic Tests, End Semester Examination, Major Projects are the assessment tools used for **Direct Attainment of PO/PSO**:

Program Exit Survey is the assessment tools used for Indirect Attainment of PO/PSO:

Steps for PO/PSO Attainment Computation:

1: Direct PO/PSO Attainment (Course Level)

The process of CO-PO/PSO Mapping is given below:

- **PO/PSO attainment** = (Average of attainments of relevant COs)xScale Factor

    Scale Factor=(Average CO-PO mapping)/Maximum Possible Mapping

2: Indirect PO/PSO Attainment (Program Level)

The indirect PO/PSO attainment is based on program exit survey.

3: Combine the Direct and Indirect PO/PSO Attainment (Program Level)

Combine the Direct PO attainment with the indirect PO attainment using the proportionate weightage

80:20.

Final PO/PSO attainment= 0.8×Direct Attainment+0.2×Indirect Attainment

File Description	Document
Upload Additional information	[View Document](#)

2.6.3

Pass percentage of Students during last five years (excluding backlog students)

Response: 80.78

2.6.3.1 **Number of final year students who passed the university examination year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
348	601	459	417	310

2.6.3.2 **Number of final year students who appeared for the university examination year-wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
547	781	472	444	399

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Certified report from Controller Examination of the affiliating university indicating pass percentage of students of the final year (final semester) eligible for the degree programwise / year-wise.	[View Document](#)
Annual report of controller of Examinations(COE) highlighting the pass percentage of final year students	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process

Response:

File Description	Document
Upload database of all students on roll as per data template	[View Document](#)

2.7.1

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1

Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

Response: 0.25

3.1.1.1 **Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
0.25	00	00	00	00

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

3.2 Innovation Ecosystem

3.2.1

Institution has created an ecosystem for innovations, Indian Knowledge System (IKS),including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Response:

The Institute has been able to create an ecosystem for innovation through its annual 'Tech-Expo' event, held every year on January 26th and 27th for the past 16 years. Every student and faculty member of the Institute participates in this project competition cum exhibition, where students showcase their innovative ideas. Students from various schools and institutes visit this event to encourage our students.

Apart from this annual event, project competitions are held for every class in every semester, starting from the very first semester to the last. This encourages students to participate and present their innovative ideas.
These two practices of the Institute have resulted in numerous innovative ideas and projects, leading many students to start their own startups.

At Mahatma Gandhi Mission, we recognize the rich heritage of ancient and eternal Indian knowledge

that has evolved through experience, observation, experimentation, and rigorous analysis. We take the Indian Knowledge System as our guiding principle. To inculcate this great heritage, we organize various programs such as 'Mrudgandh' where students perform and exhibit the cultures of various states in India. We also celebrate the birth anniversaries of great national heroes and transformers to help cultivate Indian culture and heritage among students.

The Institute acknowledges the importance of Intellectual Property Rights (IPRs) and organizes expert talks on IPRs for the students. Students are made aware of the legal rights granted to inventors or creators to protect their inventions or creations for a certain period. The Institute has also established an Intellectual Property Rights cell.

As a result of the incubation cell, students have been able to develop their innovative ideas and convert them into viable products.

Two groups of our students received seed money of Rs 1,00,000/- each to develop their ideas into products through an initiative by the Government of Maharashtra.

The Innovation and Incubation Cell offers the necessary facilities and space to encourage interdisciplinary projects. This cell is equipped with essential computing facilities, systems, and other equipments. These facilities and resources ensure that this Cell provides a nurturing environment.

To encourage and promote in-house research and knowledge transfer, the Institute has created a platform for students and faculty to innovate and research ideas. Faculty and students have developed innovative projects that not only serve societal needs but also assist in college administration. These projects/products have the potential to be converted into commercial products with societal utility.

The Institute has a Skill Enhancement Cell (SEC) that fosters a highly conducive and competitive environment for raising awareness about entrepreneurship and recruitment, emphasizing their importance and need among students. SEC regularly conducts various skill enhancement workshops for students.

The products developed by our students and faculty members are being used in our sister institutions and other institutes. Additionally, some students are generating revenue from the products they developed while completing their courses.

Through initiatives like workshops on Universal Human Values and Professional Ethics, the Institute aims to achieve a local-to-global perspective and create an atmosphere that produces successful outcomes.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

3.2.2

Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

Response: 23

3.2.2.1 **Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
07	04	01	04	07

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

3.3 Research Publications and Awards

3.3.1

Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

Response: 0.48

3.3.1.1 **Number of research papers in the Journals notified on UGC CARE list year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
01	03	05	02	05

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	[View Document](#)
Link to re-directing to journal source-cite website in case of digital journals	[View Document](#)
Links to the papers published in journals listed in UGC CARE list or	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.3.2

Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 0.27

3.3.2.1 **Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
06	03	00	00	00

File Description	Document
List of chapter/book along with the links redirecting to the source website	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.4 Extension Activities

3.4.1

Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

Response:

Institute organizes various extension activities to promote community engagement and sensitize students to societal needs. The aim of these extension activities is to develop social responsibility, experiential learning, and leadership qualities among students.

The extension activities conducted in neighboring communities have yielded significant outcomes in the holistic development of students. These activities have fostered leadership qualities, teamwork, and a heightened sensitivity to societal issues. Students have developed strong emotional and ethical values and gained awareness about critical environmental issues. The spirit of patriotism is imbued through national day celebrations, while visits to orphanages and other community service initiatives have cultivated compassion and empathy. Collectively, these experiences have enriched students' personal growth and prepared them to be responsible and proactive citizens.

The institute follows a structured mechanism for student involvement in various social activities, promoting citizenship responsibility, leadership qualities, and social consciousness.

Outcomes of extension activities carried out by our students are:

1. **Blood Donation Camps:** Emotional and ethical values are developed during blood donation camps, helping students become emotionally involved in social issues. It also teaches students the importance of community service and the impact of their contributions on the lives of others.

2. **Digital India Awareness Camps:** These camps foster humanity and a helping tendency among students. By working together, students learn to negotiate and communicate effectively with others. They also become more adept at using digital tools and technologies, promoting digital literacy.

3. **Nirmalya Collection Abhiyan and Swachha Bharat Abhiyan (Clean India Mission):** Students are educated about environmental issues and their responsibility in creating an eco-friendly society. These activities also encourage students to adopt sustainable practices in their daily lives.

4. **Tree Plantation:** These drives motivate students towards community service and raise awareness of their responsibility towards social and environmental issues. Participants also learn about the ecological benefits of trees and the importance of biodiversity.

5. **Road Safety Awareness Programs:** Students gain awareness of rules and regulations, as well as safety and precautionary measures, which instill valuable life skills. They also learn to advocate for road safety in their communities, promoting a culture of responsible driving.

6. **Celebrations of National Festivals:** These events imbue students with moral development qualities such as patriotism. Celebrating these days also helps students understand the historical significance and the values of freedom and democracy.

7. **Orphanage, Old Age Home Visits:** These visits impart practical life skills and cultivate humanity and a helping tendency among young minds, contributing to the development of compassionate

individuals in society. Students also gain a deeper appreciation for the challenges faced by orphans and the importance of social support systems.

Additionally, physicians are invited to deliver talks on health and stress management, which positively impact on personal health and hygiene among students and staff.

Such programs sensitize student volunteers to the social issues of society. Through involvement in these extension and outreach activities, students develop self-confidence, critical thinking skills, and time management abilities. These activities help students to become good leaders and well-mannered citizens.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

3.4.2

Awards and recognitions received for extension activities from government / government recognised bodies

Response:

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The extension activities conducted in neighboring communities have yielded significant outcomes in the holistic development of students. These activities have fostered leadership qualities, teamwork, and a heightened sensitivity to societal issues. Students have developed strong emotional and ethical values and gained awareness about critical environmental issues. The spirit of patriotism is imbued through national day celebrations, while visits to orphanages and other community service initiatives have cultivated compassion and empathy. Collectively, these experiences have enriched students' personal growth and prepared them to be responsible and proactive citizens.

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File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

3.4.3

Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.

Response: 22

3.4.3.1 **Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
15	03	00	01	03

File Description	Document
Photographs and any other supporting document of relevance should have proper captions and dates.	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.5 Collaboration

3.5.1

Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 16

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	[View Document](#)
List of year wise activities and exchange should be provided	[View Document](#)
List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The Institution has adequate infrastructure and other facilities for,

- **teaching – learning, viz., classrooms, laboratories, computing equipment etc**
- **ICT – enabled facilities such as smart class, LMS etc.**

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)

Response:

The institutional campus spans over 12.911 acres with a total built-up area of 8,592 square meters. It has a clean and green campus leading to pleasant atmosphere for teaching and learning. The institute comprises two departments: the Department of Computer Science and IT, and the Department of Biotechnology and Bioinformatics.

All classrooms are well-furnished with ICT facilities and multimedia teaching aids.

The Institute infrastructure includes:

- Principal's Cabin
- IQAC Cell
- College Office
    - Students Section
    - Scholarship section
- Examination Office
- HOD Office and Staff Rooms
- Computer Laboratories
- Biotechnology & Bioinformatics Laboratories
- Departmental Libraries
- Library and Reading Hall
- Innovation-Incubation Lab
- Server Room
- ICT Enabled Classrooms
- Smart classrooms
- Training & Placement Cell
- Seminar Hall
- Sports Office
- Cultural Room
- Store room
- Boys , Girls common room
- Boys and Girls Hostel
- Boys, Girls rest room

- Ramp for Divyangan
- Health care facility
- Reverse Osmosis Plant for purified water
- College Canteen

According to the curriculum design, our institute having fourteen laboratories dedicated to student project work and regular practicals, fully equipped with necessary equipments and resources, high-speed internet and servers. In each computer lab, the systems with latest configuration are available. Each lab is backed up by uninterrupted power supply and the server rooms are equipped with air conditioning systems.

In addition, our institute has a Tissue Culture Lab focused on developing new plant breeds, and a Water Testing Laboratory dedicated to assessing water quality. These resources provide essential hands-on learning opportunities across various disciplines, ensuring students gain practical experience and contribute to meaningful research endeavors.

Our Biotechnology and Bioinformatics Labs are equipped with advanced instrumentation including Polymerase Chain Reaction (PCR), UV Visible Spectrophotometer, Autoclave, Oven, pH Meter, Incubators, Agarose Gel Electrophoresis, Centrifuge and many more. These resources provide comprehensive research and practical learning experiences for students, facilitating hands-on exploration and experimentation in biotechnology and bioinformatics disciplines.

The institute offers a well-furnished computing facility with 243 computers and other IT amenities with multimedia capabilities. ICT facilities are employed for various academic and administrative functions. We have upgraded our internet facilities to a Rail-wire connection, offering significantly enhanced speed of 300 Mbps. The institute building is provided with high-speed Wi-Fi for students and staff. A backup internet connection is available in case of failure of other lines.

The institute is authorized local chapter of SWAYAM-NPTEL as well as we are having tie-up with Infosys for using Infosys Springboard platform. Apart from these two MOOCs, we encourage students to make use of other available MOOCs for e-learning as well as self learning.

The institute provides ample facilities for sports and cultural activities. The campus features:

- Spacious playground for outdoor sports with Volleyball court, Basketball court, Kabaddi, Football, Athletics and Cricket.
- Facilities for indoor sports.
- Musical and other instruments for cultural activities.
- Gymnasium Facility
- Yoga Centre
- Auditorium

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

4.1.2

Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years

Response: 18.4

4.1.2.1 **Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
25.56	3.93	0.14	0.41	1.50

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	[View Document](#)

4.2 Library as a Learning Resource

4.2.1

Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students

Response:

Our Institute library has embraced automation and digitalization, integrate systems to enhance user experience, streamline operations, and efficiently manage both physical and digital collections

Understanding the importance of user time and the need for automation, our institute library uses E-Granthalaya an Integrated Library Management System (ILMS) which is developed by the National Informatics Centre (NIC), New Delhi. This advanced system managing essential functions such as acquisition, cataloguing, circulation, verification of books and Online Public Access Catalogue (OPAC).

While issuing books, our library uses bar-coding system for identifying student. The verification process of the library is carried out through E-Granthalaya software every year. Circulation transactions of individual users and the overall circulation of the library for each month and year can be easily traced.

Various reports can be generated to provide insights into library operations.

The library has embraced the digital age by subscribing to key e-resources like N-List &DELNET. N-list offers access to a vast collection of 6,150 electronic journals and 31+ million electronic books. DELNET enhances this with over 5,000 full-text journals, 40+ million books which can borrowed from other libraries, 11+ million journal titles, 1,45,000 theses/dissertations, e-books, and audio-books. Additionally it provides access to a language learning portal, manuscripts, rare books, archival materials, and a large number of e-newspapers, accessible remotely; these resources promote flexibility and convenience in research and learning for students and faculty. The library also subscribes to over 10 journals from Indian publishers, ensuring a robust scholarly environment. Scheduled access ensures regular utilization of these resources by students.

For the efficient use of e-resources, the Digital Library section has 20 PCs available for accessing online journals, e-resources, and video lectures. The reading section in the library is Wi-Fi enabled, providing free internet access to all users for accessing e-books, e-journals, and educational videos. OPAC is used to search for the required study material.

The institute's library system is integral to fostering academic excellence and personal development among students and faculty. It ensures easy access and organization of resources, supporting student growth with materials on competitive exams, placements, and personal skills development.

During university exams, including Sundays and public holidays, the library extends its working hours with a night reading facility starting from 5:00 pm onwards. Additional services like reprographics and power backup ensure uninterrupted access to resources to create an ideal environment for uninterrupted study.

The library's collaboration through MOU with Netaji Subhash Chandra Bose Arts, Commerce, & Science College, Nanded and DELNET, New Delhi strengthens its educational resources, including a small collection of rare books. Beyond academics, the library promotes extracurricular reading and writing activities, commemorates historical milestones, and engages students through feedback mechanisms, enhancing a dynamic learning environment that encourages personal and academic growth.

Through these initiatives, our library aims to not only enrich academic pursuits but also nurture a well-rounded student community committed to lifelong learning and civic engagement.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

4.3 IT Infrastructure

4.3.1

Institution frequently updates its IT facilities and provides sufficient bandwidth for internet

connection

Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words

Response:

Institute provides all IT facilities that enhance teaching and learning in modern education. We continually update our IT facilities to meet evolving technological needs, ensuring robust Wi-Fi access, LAN connectivity in campus, prioritizing data security and confidentiality.

Internet and Wi-Fi

A leased line was initially installed in the year 2000 with a speed of 3 Mbps. Over the years, it has been upgraded to 10 Mbps, then to 100 Mbps and finally to 200 Mbps by the year 2021. Since 2022, this was supplemented by an additional internet connection with 100 Mbps. We further upgraded our Internet facilities by providing one additional backup line with enhanced speed of 300 Mbps. This upgrade ensures faster and more reliable internet access, supporting the growing demands of modern educational activities.

The entire campus is equipped with high-speed Wi-Fi, ensuring seamless internet connectivity for students and staff. This robust Wi-Fi network supports a wide range of educational activities, making it an essential resource. Students can easily access online learning platforms, participate in virtual class. Faculty members benefit from the network by integrating digital resources into their teaching and managing administrative tasks efficiently.

LAN

The Institute's LAN infrastructure has evolved significantly over the years. In the year 2006, CAT5 cables were initially deployed for LAN connectivity. These cables provided a reliable solution with data transmission speed reaching up to 100 Mbps and bandwidth capacities supporting up to 100 MHz. The use of twisted pairs and RJ-45 connectors allowed for straight forward installation and maintenance, enabling the Institute to establish a robust network capable of meeting the demands of Fast Ethernet during its early LAN infrastructure phase.

In the year 2010, structured cabling with CAT6 was implemented for LAN, significantly enhancing the network's robustness and capacity. Concurrently, the 10/100 Mbps networking switches were upgraded to 10/100/1000 Mbps switches, enabling faster data communication and improved overall network performance.

Interactive Digital Boards

Initially, Overhead Projectors (OHP) were used as teaching aid. These were later replaced by LCD projectors, providing improved visual clarity and flexibility. In recent years, classrooms have adopted interactive digital boards. These boards significantly enhance teaching and learning experiences by enabling real-time annotations, integrating multimedia, providing internet connectivity and supporting interactive software applications.

Other IT Facilities

The Institute's departments are furnished with cutting-edge computers, laptops, projectors, printers, scanners and other technologies. There are 243 operational desktop PCs available in Institute. The Institute is having in-house developed website since 2013 and is updated frequently. The URL of our website is https://www.mgmccsit.ac.in/

Surveillance and Power Backup

To maintain a secure and safe campus environment, sufficient number of surveillance cameras has been installed. The entire campus is monitored by 88 high-resolution 5 MP IP BULLET cameras with audio capabilities. Each laboratory is equipped with power backup facilities to ensure uninterrupted operations.

By continuously updating and expanding our IT infrastructure, we ensure that our educational facilities remain at the forefront of technological advancement, providing our students and staff with the best possible resources to support their academic and professional development.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

4.3.2

Student – Computer ratio (Data for the latest completed academic year)

Response: 9.52

4.3.2.1 **Number of computers available for students usage during the latest completed academic year:**

Response: 205

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	[View Document](#)
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1

Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)

Response: 54.64

4.4.1.1 **Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
25.6	16.24	14.5	22.54	14.77

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)	[View Document](#)

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years

Response: 33.59

5.1.1.1 **Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
510	639	638	563	614

File Description	Document
Year-wise list of beneficiary students in each scheme duly signed by the competent authority.	[View Document]()
Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).	[View Document]()
Upload policy document of the HEI for award of scholarship and freeships.	[View Document]()
Institutional data in the prescribed format	[View Document]()

5.1.2

Following capacity development and skills enhancement activities are organised for improving students' capability

    1. Soft skills
    2. Language and communication skills
    3. Life skills (Yoga, physical fitness, health and hygiene)
    4. ICT/computing skills

Response: A. All of the above

File Description	Document
Report with photographs on Programmes /activities conducted to enhance soft skills, Language and communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)	[View Document](#)
Report with photographs on ICT/computing skills enhancement programs	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.1.3

Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 7.99

5.1.3.1 **Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
260	250	00	195	00

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.1.4

The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases

1. **Implementation of guidelines of statutory/regulatory bodies**
2. **Organisation wide awareness and undertakings on policies with zero tolerance**
3. **Mechanisms for submission of online/offline students' grievances**
4. **Timely redressal of the grievances through appropriate committees**

Response: A. All of the above

File Description	Document
Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance	[View Document](#)
Proof related to Mechanisms for submission of online/offline students' grievances	[View Document](#)
Proof for Implementation of guidelines of statutory/regulatory bodies	[View Document](#)
Details of statutory/regulatory Committees (to be notified in institutional website also)	[View Document](#)
Annual report of the committee motioning the activities and number of grievances redressed to prove timely redressal of the grievances	[View Document](#)

5.2 Student Progression

5.2.1

Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 61.22

5.2.1.1 **Number of outgoing students placed and / or progressed to higher education year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
180	381	275	287	176

5.2.1.2 **Number of outgoing students year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
338	601	457	416	310

File Description	Document
Number and List of students placed along with placement details such as name of the company, compensation, etc and links to Placement order(the above list should be available on institutional website)	[View Document](#)
List of students progressing for Higher Education, with details of program and institution that they are/have enrolled along with links to proof of continuation in higher education.(the above list should be available on institutional website)	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.2.2

Percentage of students qualifying in state/national/ international level examinations during the last five years

Response: 48.48

5.2.2.1 **Number of students qualifying in state/ national/ international level examinations year wise during last five years (eg: IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/Civil Services/State government examinations etc.)**

2022-23	2021-22	2020-21	2019-20	2018-19
69	87	15	133	95

File Description	Document
List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.3 Student Participation and Activities

5.3.1

Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years

Response: 66

5.3.1.1 *Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years*

2022-23	2021-22	2020-21	2019-20	2018-19
19	00	12	15	20

File Description	Document
Upload supporting document	[View Document](#)
list and links to e-copies of award letters and certificates	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.3.2

Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 15.8

5.3.2.1 **Number of sports and cultural programs in which students of the Institution participated year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
29	14	00	17	19

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.4 Alumni Engagement

5.4.1

There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Response:

The Alumni Association

The Alumni Association of MGM's College of Computer Science and IT, Nanded, was registered under the Societies Registration Act, 1860 by the name MGM's College of Computer Science and IT Alumni Association on July 20, 2023. The registration number of the alumni association is Nanded/0000267/2023.

The Alumni Association possesses a PAN Card with the number AATAM184A. The association is constituted in accordance with government norms and comprises a nine-member Executive Committee, including all registered members. All students who have graduated from the college are eligible to register as members of the alumni association.

Objectives of the Alumni Association:

- To serve as a forum through which alumni may support academic excellence at the institution.
- To establish a strong bond with the alumni of the college and arrange various educational, social, and cultural activities.
- To encourage students to pursue higher education by organizing various career development and career opportunities programs.
- To act as a bridge between current students and alumni.
- To assist and support the raising of funds from alumni for the development of institute's alma mater.

Activities of The Alumni Association:

Every year, Alumni Meet is organized to be share their experiences, expand the alumni network for the symbiotic benefits.

The Training and Placement Cell continuously interacts with alumni for skill development and career guidance.

The institute organized a guest lecture titled "Trends and Technologies" by its alumni for the current students.

Active social networking groups have been formed for regular interaction with alumni.The Principal, Heads of Departments, and staff members of the institute are part of this group. All current updates and various activities are shared on this social networking group.

The Alumni Association has raised funds to support their alma mater financially, if needed, through donations, sponsorship, and grants.

We take pride in our alumni being placed in various national and multinational organizations worldwide, such as Tata Consultancy Services, Infosys, Wipro, Capgemini, Jio, Sankey Solutions, Serum Institute of India, Bharat Biotech, and many more.

Conclusion:

The Alumni Association of MGM's College of Computer Science and IT, Nanded, is committed to working for the betterment of students and building a strong bond between current students and alumni.

File Description	Document
Upload Additional information	[View Document](#)

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.

Response:

The institute has framed vision and mission in line with the vision and mission of the trust. The institute is run by Mahatma Gandhi Missionan, an Educational Charitable Trust, , Nanded, serving in the field of education and health services. The institute is established in the year 2000 with only two programs (one UG and one PG) with sanctioned intake of 60+30 and now running four UG and three PG programs having sanctioned intake of 720+120 respectively.

Governance and Leadership

To achieve the Vision and Mission, the effective governance is implemented through College Development Committee (CDC), Internal Quality Assurance Cell (IQAC) and all other mandatory Cells/ Committees formed for effective functioning of the Institute. Formation of various statutory and non-statutory committees helps in development of leadership skills and other managerial abilities among faculty and students.

Decentralization and participative management

College regulates the overall functioning of system through the participatory governance and decentralization. The active participation of each and every faculty is ensured through their representation as a chairman or members of various committees.

Participatory management and decentralization is highlighted by the followings:

- CDC, IQAC, chairman and members of various committees/cells are involved in the decisions related to college and departmental activities.
- Chairman and Committee members of respective committees are given autonomy to take decisions regarding various activities.
- Head of the Departments along with senior faculty members handles the responsibilities of planning, monitoring and execution of overall departmental work.
- Department planned to conduct various add-on courses, workshops, seminars, training programs, skill based courses for skill enhancement.
- Faculty members and students work together to conduct various curricular, co-curricular and extra-curricular activities.
- Parents are invited to college for meeting and participation in college activities.

Implementation of New National Education Policy (NEP-2020)

The Govt. of India introduced National Education Policy in the year 2020 to embrace quality education using Innovation, Creativity and Skill Enhancement among students. The affiliating University of this Institute implemented this NEP-2020 from the academic year 2023-2024 for Post Graduate courses and also planning the same for Under Graduate Courses from AY 2024-2025. Our institute being affiliated runs the program prescribed by the affiliating University. However, to cultivate innovation, creativity and for skill enhancement our institute has taken initiatives for conducting various student-centric activities like workshop, value added courses, field work, internships and many more.

Institutional perspective plan

The CDC and IQAC of the institute recognize the need and importance of college perspective plan that serves as a roadmap for the future.

Following are the various goals set in tune with vision and mission of the institute.

1. To enhance campus infra-structural facilities.
2. To have state-of-art Auditorium facility.
3. To build indoor sports complex.
4. Applying for Research Center.
5. Introduce advanced Short Term, Value Added, Skill-Based courses.
6. Introduce new undergraduate and post graduate programs.
7. To establish collaborations with different industries.
8. Strengthening e-governance initiatives in administration and student services.
9. To develop Entrepreneurship Development Cell.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1

The institutional perspective plan is effectively deployed and functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc

Response:

Institutional perspective plan

The CDC and IQAC frame the policies and also take valuable suggestions from various committees and works in accordance and also ensure that these plans are effectively executed and the results are visible. As per this, the results of various plans which are effectively deployed are as follow:

1. Today institute is having extended building as per the strength of students.
2. As per safety norms, CCTV cameras are installed at various locations.
3. Computer science and life science laboratories are frequently upgraded and also various e-learning resources are made available for staff and students.
4. Under the Skill Enhancement Cell, various workshops and value added courses were conducted for the students.
5. E-learning resources such as DelNet and N-list are available for staff as well as students.
6. In every semester students of each class are enrolling for online courses such as SWAYAM, NPTEL.

Recruitment Policy

The CDC and IQAC take review of departmental workload and available staff and as per this, if the available staff is inadequate, then CDC gives approval for new recruitment.

Also, CDC applies to the Joint Director. Once the Joint Director issues letter of vacancy, this letter is submitted to the special cell of affiliating University.

The affiliating university appoints a Selection Committee and this committee decides the schedule of interview. Once the interview dates are finalized, the candidates are informed about the same and the interviews are conducted in presence of selection committee appointed by affiliating university.

Appointment & Service Rules

Institute strictly follows all the appointment and service rules prescribed by UGC and affiliating University and the parent trust, Mahatma Gandhi Mission. Also, Institute ensures that, the appointed staff is well aware about these rules and strictly performs the duties as per the rules. The service rules are published on institutional website.

Various institutional bodies are actively involved and working in coordination with the predefined policies which resulted in the remarkable growth of the Institute. Our institute is one of the most preferred Institute in the region for aspiring students interested to continue their studies in different undergraduate and postgraduate courses.

IQAC has played important role in the development and smooth functioning of institute by taking various quality enhancement initiatives.

For grievance redressal the institute has successfully implemented online and offline grievance redressal

mechanism.

For effective implementation of sports and cultural activities and maximum participation of students, the Institute forms a group Class Cultural Representatives and Class Sports Representatives from each class that ensures representation of students of their respective class.

File Description	Document
Upload Additional information	[View Document](#)
Institutional perspective Plan and deployment documents on the website	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.2.2

Institution implements e-governance in its operations

1. **Administration**
2. **Finance and Accounts**
3. **Student Admission and Support**
4. **Examination**

Response: A. All of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	[View Document](#)
Annual e-governance report approved by the Governing Council/ Board of Management/ Syndicate Policy document on e-governance	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

6.3 Faculty Empowerment Strategies

6.3.1

The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression

Response:

Performance Appraisal System:

The Institute has a well structured performance appraisal system for teaching and non-teaching staff. At the end of every academic year faculty submits a self appraisal form to respective head of the departments. Head of the department further submits this self appraisal form to Principal for assessment and evaluation of faculty's performance with his/her comments. This form includes the key performance assessment parameters of the faculty like curricular aspects, Teaching, Learning and Evaluation, Research extension and consultancy. It also includes the role of faculty in the student progression and support, developing infrastructure and learning resources and involvement of faculty in Governance and leadership of the institute.

Staff Welfare schemes: -
To ensure and improve the work culture and efficiency of all staff members, the institute provides a variety of welfare schemes that are as follows:

Employee Provident Fund (EPF):

Staff members are getting the benefits of Provident Fund as per Central Government norms. In this scheme some percentage amount of staff salary with equal contribution from Institute has been credited in every month.

Avenues for Career development and progression:

Paid study leave is granted to faculty for Ph.D. work that helps the faculty for further development in his/her career and progression.

Waive off in tuition fees for staff ward:

As per the management policy the admission to the ward of staff is given by waiving off the tuition fees of the Institute.

Maternity Leave:

Female staff members can avail the benefits of Paid Maternity Leaves.

Medical Leave:

Medical Leaves are also granted for staff members. In certain cases the management approves special leaves in medical conditions/sickness.

Staff member who resigns or retires from his/her service is given gratuity as per norms.

Educational Material to Class IV staff:

Educational materials are provided to the ward of class IV staff members every year.

Advance against Salary:

As per the need and requirement, staff members are given advance against their salary regularly. The amount given will be further deducted from salary of staff.

Employee's Cooperative society:

All those staff members interested can avail the loan facility from the credit cooperative society.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.3.2

Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 0

6.3.2.1 **Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
00	00	00	00	00

File Description	Document
Institutional data in the prescribed format	[View Document](#)

6.3.3

Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Response: 42.15

6.3.3.1 **Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP),** *Management Development Programmes (MDPs)* **professional development /administrative training programs during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
18	17	05	08	03

6.3.3.2 **Number of non-teaching staff year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
00	05	00	00	00

File Description	Document
Refresher course/Faculty Orientation or other programmes as per UGC/AICTE stipulated periods, as participated by teachers year-wise.	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Copy of the certificates of the program attended by teachers.	[View Document](#)
Annual reports highlighting the programmes undertaken by the teachers	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

6.4 Financial Management and Resource Mobilization

6.4.1

Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Response:

Our institute runs under the management of Mahatma Gandhi Mission and it is affiliated to Swami Ramanand Teerth Marathwada University Nanded. Institute has adopted a transparent financial policy that ensures effective and optimal utilization of funds for the academic, administrative and college development purposes. Being a self-financed institution, fees paid by the students are the only source of funds for the institute.

Strategies of the Institute:

The CDC and IQAC committee prepares the annual budget and get it approved from the management of the institute. The annual budget is prepared estimating all the recurring and non recurring expenses that includes required infrastructure facilities, salaries of employees, provident fund contribution, laboratory equipments, computers and peripherals, library books, sports materials, daily operational and administrative expenses and maintenance of the fixed assets.

The additional revenue is generated by providing the class rooms and computer labs of the institute to various Government & non-Government organizations for conducting entrance/competitive examinations (e.g. NEET, SET, MH-CET and Banking etc.)

To maintain the transparency in the purchasing, the Requisition and purchase committee collects the requisition from different departments of the institute. A tender notice is published in the newspaper. The quotations to purchase items are called and scrutinized by the purchase committee. The Requisition and purchase committee prepares the comparative rate statements. After going through the specifications and the quality of the items to be purchased and proper negotiations, purchase committee submits the comparative statement with remark to the Principal. Further, approval from management is taken for purchase. Once the approval is obtained, the purchase committee processes the order.

Financial Audit:-

The Institute follows a two-tier financial audit system. Every purchase invoice is verified by the concern faculty.

Internal Audit:

The purchase committee submits the financial report and bills of the purchasing to account section of the Institute through Principal. All the submitted reports and bills are audited internally by concern faculty and accountant. Accountant verifies and recommends for payment.

External Audit:

The account section of institute maintains financial accounts & prepares all financial statements. All the accounts are audited twice a year by an External Auditor **Ashok Patil & Associates (Chartered Accountants) Aurangabad** appointed by the management.

Bank Accounts, Scholarship data, cash book, Ledgers, bills, vouchers and statement of cash flow are audited by an auditor. An audited financial statement & reports are submitted regularly to the management in every financial year.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.5 Internal Quality Assurance System

6.5.1

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

The establishment of an Internal Quality Assurance Cell (IQAC) within an institution marked a pivotal step towards ensuring and enhancing the quality standards of education and operations. The IQAC served as a dedicated entity responsible for systematically monitoring, evaluating, and fostering continuous improvement in various facets of functioning. Through its multifaceted approach, the IQAC played a vital role in institutionalizing quality assurance strategies and processes, thereby contributing significantly to the overall development and success of the institution.

The core mission of IQAC is to thoroughly review the teaching and learning process. This meant closely examining how teaching was done, the methods used, add on courses for value addition, and how students are assessed. By regularly looking at these areas, IQAC aimed to find strengths and areas for improvement. This ongoing evaluation helped to keep the teaching aligned with educational goals and standards and encouraged the adoption of new and effective teaching practices.

The IQAC extended its focus beyond academics to include the institution's overall management. It includes examining administrative functions, decision-making processes, resource utilization, and facility maintenance. Through regular checks and evaluations, the IQAC aimed to streamline operations, optimize utilization of resources, and enhance overall quality in teaching process. By promoting transparency, accountability, and adherence to regulations, the IQAC played a key role in ensuring the institution's integrity and credibility.

Central to IQAC's policy is the evaluation of learning outcomes, serving as a crucial indicator of the effectiveness of educational interventions. By assessing students' attainment of knowledge, skills, and competencies, IQAC provided valuable insights into the efficacy of academic programs and instructional practices. Through the analysis of assessment data, feedback mechanisms, and stakeholder perspectives, IQAC facilitated evidence-based decision-making and targeted interventions to address areas of improvement. Moreover, IQAC ensured that learning outcomes were aligned with industry expectations, societal needs, and emerging trends, thereby enhancing the employability and competitiveness of graduates.

In its role as a catalyst for continuous improvement, IQAC endeavored to foster a culture of quality assurance within the institution. This involved raising awareness, building capacity, and promoting collaborative engagement among stakeholders. Through workshops, training programs, and the dissemination of best practices, IQAC empowered faculty, staff, and students to actively contribute to quality. By fostering a sense of ownership and responsibility for quality, IQAC cultivated a dynamic and responsive learning environment conducive to academic excellence and institutional advancement.

IQAC served as a custodian of institutional data and documentation, recording incremental improvements in various activities over time. This repository of evidence not only demonstrated compliance with regulatory requirements but also showcased achievements, benchmarks, and milestones

in the journey towards excellence. By maintaining a robust system of documentation and reporting,

IQAC facilitated accountability, transparency, and informed decision-making at all levels of the institution.

File Description	Document
Upload Additional information	[View Document](#)

6.5.2

Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented**
2. **Academic and Administrative Audit (AAA) and follow-up action taken**
3. **Collaborative quality initiatives with other institution(s)**
4. **Participation in NIRF and other recognized rankings**
5. **Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.**

Response: A. Any 4 or more of the above

File Description	Document
NIRF report, AAA report and details on follow up actions	[View Document](#)
Link to Minute of IQAC meetings, hosted on HEI website	[View Document](#)

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.

Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words

Response:

Gender equity and sensitization in educational institutions are essential for fostering an inclusive environment that supports all students, regardless of gender. Implementing such measures within curricular and co-curricular activities ensures that gender biases are minimized and all students have equal opportunities to succeed.

As per UGC guidelines, the Institute has formed various committees concerned with gender sensitization, such as the Grievance Redressal Cell, Internal Complaints Committee, Anti-Ragging Committee and Women's Grievance Redressal Cell.

The institute's goal is to uphold gender parity. Through mentorship programs and activities, the institute actively supports women and underrepresented genders in their career progression efforts.

The institute's Gender Audit Committee initiated a gender audit to evaluate its policies, practices, and structures, identifying gender inequalities and biases, aiming to promote gender equality and inclusivity.

Equal Representation in Co-Curriculum

The institute prioritizes gender equity and sensitization in its co-curricular activities, valuing diverse viewpoints and continually adapting its academic programs to ensure equal treatment for all genders in cultural events, sports activities, various technical events and project competitions.

Notably, female students participate actively in all co-curricular activities and their achievements are remarkable.

The Gender Audit Committee collects Student feedback on gender equity and submitted feedbacks are analyzed. Based on this analysis, the institute addresses gender equity through workshops, seminars, and training sessions, fostering a supportive environment for discussing and addressing issues like biases, harassment, and discrimination.

The institute has organized a number of other events, including career counseling sessions, positive psychology and stress management, personality development, health checkup camp for women entitled as "Mata Surakshit Tar Ghar Surakshit," and many more.

Facilities for women on campus:

To promote a friendly and supportive atmosphere, the institute provides various facilities tailored to the needs of women on campus:

- **Counseling Services:** The institute offers formal and informal counseling avenues for female students to address academic and personal issues.
- **Safety and Security Measures**: Stringent safety norms are adhered to, with the implementation of committees and squads at institute and faculty levels. This includes the presence of male and female proctors.
- **CCTV Surveillance (24x7):** Comprehensive CCTV coverage ensures constant monitoring at key locations such as entrance gates, canteens, parking areas, offices, classrooms, laboratories, libraries, and corridors across different floors.
- **Security Personnel:** Trained security guards are stationed on campus round-the-clock to ensure the safety of all individuals.
- **Separate Drinking Water:** The institute provides separate palatable water facilities equipped with R.O. systems for both girls and boys.
- **First Aid kit:** In emergency situation Institute have basic medical facilities. Sanitary napkins are included in first aid kits, which recognize the significance of menstrual hygiene management (MHM)
- **Emergency helpline numbers:** These numbers serve as a lifeline during accidents, natural disasters, medical emergencies and crime incidents. They also offer guidance on handling emergencies, potentially saving lives.
- **Aadhar Hospital tie up:** The institute is having tie-up with a local hospital to deal with any medical emergencies if surfaces.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

7.1.2

The Institution has facilities and initiatives for

1. **Alternate sources of energy and energy conservation measures**
2. **Management of the various types of degradable and nondegradable waste**
3. **Water conservation**
4. **Green campus initiatives**
5. **Disabled-friendly, barrier free environment**

Response: A. 4 or All of the above

File Description	Document
Policy document on the green campus/plastic free campus.	[View Document](#)
Geo-tagged photographs/videos of the facilities.	[View Document](#)
Circulars and report of activities for the implementation of the initiatives document	[View Document](#)
Bills for the purchase of equipment's for the facilities created under this metric	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

7.1.3

Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

1. **Green audit / Environment audit**
2. **Energy audit**
3. **Clean and green campus initiatives**
4. **Beyond the campus environmental promotion activities**

Response: A. All of the above

File Description	Document
Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date	[View Document](#)
Policy document on environment and energy usage Certificate from the auditing agency	[View Document](#)
Green audit/environmental audit report from recognized bodies	[View Document](#)
Certificates of the awards received from recognized agency (if any).	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

7.1.4

Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of

students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

The institute is steadfast for fostering an inclusive environment that promotes tolerance, harmony, and mutual respect among individuals from diverse cultural, regional, linguistic, and socioeconomic backgrounds. In today's globalized world, diversity is celebrated as a cornerstone of progress and understanding. Creating a campus culture that values diversity and educates staff and students about their constitutional responsibilities as responsible citizens is the primary focus of our institutional efforts and initiatives. Our endeavors are driven by the recognition that diversity enriches perspectives, enhances the educational experience, and prepares individuals to thrive in a globalized society. To achieve this goal, the institute has implemented a comprehensive strategy to promote inclusivity and awareness which are as follows:

1. **Programs for Cultural Exchange:** Our institute actively supports programs that promote cultural exchange among students from diverse backgrounds. These initiatives encourage communication, celebration of diversity, and mutual learning through events, workshops, and group projects where students can gain insights into various cultures and traditions. The institute also observes local, national, and international holidays .International Yoga Day, Marathi Bhasha Gaurav Din, Vachan Prerna Din, Traditional day, Mrudagangh, Eco friendly Ganpati Idol making workshop and the birth anniversaries of national heroes.

2. Student Support Services: We offer comprehensive support services tailored to the needs of our diverse student body. These services includes academic support, cultural organizations, and counseling, aimed at fostering a welcoming environment where every student feels valued and empowered to succeed. Students are encouraged to participate in intercollegiate, interuniversity, national sports and cultural activities, Avishkar research festival, Pragya, Zenith and YMT fest with support provided by the Institute.

3. Initiatives for Community Engagement: Our institute engages actively with the broader community to foster mutual respect and collaboration across different groups. We promote deep connections and cross-cultural understanding through outreach programs, volunteer opportunities, and partnerships with local organizations. The institute organizes a variety of events under the auspices of NSS, environmental awareness in Gramsabha, tree plantation under Unnat Bharat Abhiyan, sports, and cultural committees to educate staff and students about the principles, rights, obligations, and legitimate responsibilities of citizenship.

4. Promotion **of Constitutional Values:** As an educational institution, we are dedicated to upholding the principles, obligations, and responsibilities outlined in the constitution. We cultivate a culture of civic engagement and social responsibility among our students and staff through seminars, lectures, and awareness campaigns focused on constitutional rights and duties. These include flag-hoisting ceremonies on Independence Day, Marathwada Mukti Sangram Din, Republic Day, and Maharashtra Day, along with guest lectures on the Indian Constitution, poster competitions, and essay contests focused on human

rights and constitutional values.

The institute is committed to fostering an inclusive environment where diversity is respected and every individual is treated with dignity and value. We aim to empower individuals to fulfill their constitutional responsibilities as responsible citizens while nurturing a campus community that promotes values of harmony, tolerance, and mutual understanding through institutional activities and initiatives. Embracing diversity as a source of inspiration and strength, we strive towards a more just and equitable society.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

7.2 Best Practices

7.2.1

Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual

Response:

Practice 1 –

Tech-Expo

(A Showcase of Innovation, Social Awareness and Environmental Harmony for a Brighter Tomorrow)

Objectives of the Practice:

Tech-Expo is an annual event that showcases innovative projects and practical applications across disciplines, promoting inclusivity and fostering a supportive environment for students from diverse academic backgrounds. It bridges the gap between theoretical knowledge and real-world application.

The Context:

Tech-Expo is an annual event at our institute that promotes multi-disciplinary innovation and skill development among students. It connects classroom theory with practical application, catering to diverse backgrounds and fostering leadership qualities. Successful promotion, technical logistics, and security are crucial for the event's success, requiring strategic planning and resource allocation.

The Practice:

Since 2011, the Tech-Expo has been held annually on January 26th and 27th. It aims to cultivate leadership qualities, accommodate diverse backgrounds, and bridge the gap between theoretical classroom knowledge and practical application. The success of this event hinges on effective promotion, seamless technological logistics, and robust security measures, all of which necessitate meticulous planning and resource allocation. The Tech-Expo serves as a significant platform for students to showcase their projects to wide audience. It features robotics, project presentations, hardware exhibitions and campus tours highlighting technical and professional talents. Visitors have the opportunity to observe students presenting their work and gain insights into leadership, presentation, communication, and decision-making skills. The event encourages interaction between students and representatives from various societal sectors, fostering the development of communication skills. Overall, the Tech-Expo exemplifies how higher education institutions are committed to skill enhancement and community engagement.

Evidence of Success:

The Tech-Expo has experienced consistent growth in student participation drawing over 300 participants annually. It has gained recognition from academic and industry leaders alike, offering opportunities such as internships, job offers, and scholarships.

The Tech-Expo actively promotes STEM (Science, Technology, Engineering, and Mathematics) fields, attracting a broad audience and garnering substantial media attention. Over the years, it has received increased institutional backing, leading to enhanced funding for infrastructure and student project resources. This support underscores its role in fostering innovation and skill development within higher education.

Problems Encountered and Resources Required

Tech-Expo, a program enhancing student skills, faces challenges like communication and technical issues. To succeed, it needs strong community partnerships, continuous evaluation, and adaptability to local stakeholders. Essential resources for the Tech-Expo includes sufficient physical space, technical equipments, reliable internet access, budget allocation, human resources, promotional materials, security measures, workshops, and training sessions. These elements ensure success of the event and gives scope for future improvements.

Practice 2-

College Community Service- River-Bank Cleanup:

(A model promotes civic engagement and environmental stewardship through river-bank cleanup.)

Objectives of the Practice:

The River-Bank Cleanup program aims to raise public awareness about trash, especially plastic waste, through organized river cleanups. It seeks to foster community partnerships, inclusivity, and educational integration, thereby achieving environmental improvement, imparting practical environmental stewardship experience and enhancing the institution's reputation as a leader in community service and environmental responsibility.

The Context:

The institute determined that eco-friendliness is necessary to provide a clean and healthy environment. For this reason, the institute implemented the well-known "River-Bank Cleanup" program every year with the highest possible staff and student involvement rate. In keeping with the Institute's goals, the program has developed into an annual occasion that represents a more widespread commitment to civic duty. The program instills a sense of responsibility and community engagement.

The Practice

The MGM College of Computer Science and IT, located in Nanded along the banks of the Holy River Godavari, relies heavily on the river's water source for the city and surrounding areas. However, due to hazardous activities, the river water has become severely contaminated, posing health risks and rendering it unsuitable for consumption. Recognizing this pressing issue, efforts to control and prevent further environmental degradation have become imperative.

The "River-Bank Cleanup" is an annual community service initiative organized by our institute, serving as a prime example of how higher education institutions can catalyze positive change in their communities. This comprehensive overview delves into the inception, impact, and best practices of our institution's "River-Bank Cleanup" initiative. This activity has generated awareness in the society regarding eco-friendliness.

The program's success stems from robust community partnerships, an inclusive approach, and seamless integration into educational curricula. It fosters diverse participation and generates enthusiasm among students and staff alike. Ongoing evaluation ensures its efficacy, while responsiveness to feedback and evolving requirements maintains its relevance and impact. This initiative underscores the institute's commitment to holistic educational and environmental stewardship. Through these efforts, the Institute aims to inspire a culture of environmental responsibility and community service among its students and the broader community.

Evidence of Success:

The "River-Bank Cleanup" is a prime example of how educational institutions can make significant contributions to their communities. It sets a benchmark for others to follow, placing strong emphasis on community engagement, education, long-term impact, and continuous evaluation. By fostering a more connected, responsible, and ecologically sensitive future, it exemplifies the proactive role that educational institutions can play in societal improvement.

The project enhances riverbank visibility through litter removal, improves aesthetic appeal, strengthens community engagement, provides students with hands-on environmental stewardship experience, and boosts the institute's reputation as a leader in community service and environmental responsibility.

Problems Encountered and Resources Required During Riverbank Cleanup:

Riverbank cleaning encounters challenges such as trash accumulation, logistical issues, chemical contamination, public awareness, illegal dumping, and the potential for pollution recurrence, necessitating a collaborative approach with stakeholders.

Organizing a riverbank cleanup necessitates meticulous planning and diverse resources to ensure safety, effectiveness, and community involvement. This involves coordinating logistics, creating promotional and educational materials, managing documentation and budgets, mobilizing volunteers and staff, securing logistical support, fundraising, and utilizing necessary facilities and educational resources for successful execution.

In summary, both the "River-Bank Cleanup" and the Tech-Expo initiatives exemplify the commitment of higher education institutions to community engagement and skill development. Despite encountering challenges, these practices demonstrate the transformative potential of collaborative efforts in promoting environmental stewardship and fostering technical innovation.

File Description	Document
Best practices as hosted on the Institutional website	[View Document](#)
Any other relevant information	[View Document](#)

7.3 Institutional Distinctiveness

7.3.1

Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

Due to their lack of technical background and rural location, the majority of pupils participate poorly in both extracurricular and curricular activities. Our institute came up with a novel approach to solve these problems: making interactive sessions mandatory every week would allow students to express their ideas,

opinions, and other concepts. This will help students feel more confident and interested in participating in various activities.

It is well known that graduating students regularly exhibit outstanding academic performance; nonetheless, this is not enough, as business and corporate culture demand adaptable, extremely presentable, self-assured individuals.

Our institute's unique activity, Interactive Sessions, actively engages students in the learning process, promotes participation, encourages critical thinking, personality development and fosters an environment in which students can ask questions, share their ideas, and collaborate with their peers to improve their understanding of the subject matter. In education, interactive classroom sessions play an important role in shaping our knowledge, abilities, and attitudes. An interactive session is conducted every week for each class for one period, in which we include various activities to engage student's interactions.

First and foremost, the interactive sessions foster active engagement. Unlike passive learning, where information is simply absorbed, interactive sessions encourages participants to raise queries, develops stage courage and boost their confidence. This engagement not only enhances comprehension but also aids in retention. When we actively discuss, question, and apply what we learn, we are more likely to remember and utilize that knowledge effectively.

Interactive sessions also promote critical thinking and problem-solving. Through discussions, debates, and group activities, participants are challenged to analyse information from different angles, consider diverse viewpoints, and think creatively to find solutions. This not only deepens our understanding but equips us with the skills necessary to tackle complex issues in our personal and professional lives.

Furthermore, interactive sessions enhance communication skills. Effective communication is a cornerstone of success in almost every aspect of life. By engaging in discussions, debates, and group exercises, we refine our ability to articulate thoughts, listen actively and engage in constructive dialogue. These skills are invaluable, whether we are collaborating with colleagues, negotiating with clients, or simply having a meaningful conversation with friends and family.

Another fruitfulness of interactive sessions is the promotion of teamwork and collaboration. In today's interconnected world, success often pivots on our ability to work seamlessly with others. Interactive sessions, particularly in a group or team setting, teach us how to cooperate, leverage each other's strengths and achieve common goals. These experiences prepare us for the collaborative nature of the modern workplace and community life.

The several activities that take place throughout the interactive session are as follows:

• **Group Discussion:** We split the class into groups and give them varying points of view on a given subject.
• **Peer Teaching:** Students are permitted to alternately instruct their peers on a portion of the subject matter. This promotes teamwork and strengthens their understanding.
• **Question and Answer (Q&A):** Students are invited to offer solutions or responses to open-ended questions. This promotes involvement and aids in comprehending evaluation.
• **Think-Pair-Share:** Students consider an issue or subject on their own, share their ideas with a partner,

and then present their answers to the class. This encourages learning among peers.

• **Mock Interviews:** Students participate in simulated interviews where they alternate between being the interviewer and the interviewee. Give them constructive feedback so they can improve their interviewing methods.

• **STAR Activity:** In Situation, Task, Action, Results- method, a situation is given to student that assists students to prepare organized replies to frequently asked behavioral interview questions.

• **Interview Dress Code:** This makes students aware regarding how they present themselves at interview sessions by following interview dress code.

• **Practice for Online Assessments:** We conduct mock exams for online examinations that are frequently administered by companies, including coding challenges, personality tests, and aptitude tests.

• **Debate:** In this, two groups are formed arguing against each other on given topic, one presents advantages and other discusses on disadvantages of the topic

• **Positive Self-Talk:** We frequently instruct students to confront negative self-talk and swap it out with empowering statements and self-belief.

• **Edutainment:** Certain games are planned and executed by playing which students gain education through entertainment and also feels relaxed.

• **Speech and Extempore Competition** – By these activities students learns to acquire knowledge and express their views on given topics which helps enhancement of students' communication skill and self-confidence.

We offer leadership positions in the classroom, including class representative, cultural representative, and sports representative. Experiences in leadership can greatly boost self-esteem.

As a result, interactive sessions are essential to successful learning, problem-solving and personality development .They promote empathy, teamwork, communication skills, critical thinking and active participation. Accepting interactive sessions is a step toward becoming more involved and accountable members of our communities and societies as well as a commitment to improved professional growth and education.

Outcome:-

Interactive sessions provide several benefits, such as enabling students to actively engage in opportunities for interaction, exchange of ideas, and collaborative learning. Through our two flagship initiatives, the Tech-Expo and the River Bank Cleanup, our institution has fully leveraged its potential and made a positive impact on the community. These outcomes highlight the significant impact of our annual "Interactive session" initiative.

At the Tech-Expo, students actively contribute by translating their creative ideas into projects and effectively engaging with visitors. Meanwhile, through the River Bank Cleanup program, our students educate, make aware local community about importance of environmental sustainability.

File Description	Document
Appropriate web in the Institutional website	View Document
Any other relevant information	View Document

5. CONCLUSION

Additional Information :

At our institute, faculty and student collaborations result in customized software applications that enhance operational efficiency and academic management, showcasing our commitment to leveraging technology for streamlined processes and improved educational outcomes.

1. College Admission and Record-Keeping System

Our in-house ERP system for college admissions and record-keeping system automates student registration, admission forms, fee payments, and maintains comprehensive personal and academic records. This system eliminates manual paperwork, ensuring accuracy and efficiency.

2. Activity cum Achievements Register in Digital Form

The institute has developed an in-house intranet-based system, Activity cum Achievements Register in Digital Form, where details of student, faculty, and institutional activities are digitally stored. This system allows for easy uploading of event documents and provides centralized access campus-wide, enhancing transparency and accountability.

3. ID-Card Generation

The institute uses a collaborative software application developed by faculty and students to automate student identity card generation. This tool streamlines data entry, integrates photos, and designs ID cards efficiently. It features a database for easy updates and reprints which avoid tedious efforts and providing valuable software development experience for students.

4. Digital Record Room System

Our in-house intranet-based system securely stores semester-wise scanned copies of student mark memos, accessible for easy retrieval by authorized users. It reflects our commitment to leveraging technology for streamlined academic administration, enhancing accessibility for students and staff.

5. Project Management System

The Project Management System (PMS) at our college is a collaborative platform that manages academic projects from code generation to document storage. It includes features for synopsis creation, report generation, demo scheduling, and enables staff to monitor submissions, evaluate marks, and track project progress efficiently.

6. Coding-Pro System

"Coding Pro," created by faculty and students using HTML, CSS, and JavaScript, is an offline-capable platform that simplifies and enhances programming learning. It includes integrated notes and online compilers for languages like C, C++, Java, Python, offering flexibility and convenience for college students.

7. Brochure-Leaflet Designing

Our college designs brochures and leaflets through a dedicated team of experienced faculty and students.

8. Computerized Voting System

Students and faculty developed computerized voting system that we use in various in-house elections.

Concluding Remarks :

MGM's College of Computer Science and IT, Nanded is a self financed, un-aided Institute. The Institute is affiliated to Swami Ramanand Teerth Marathwada University, Nanded. The institute offers four under-graduate and three post-graduate programs in the field of Computer Science, Biotechnology and Bioinformatics.

The institution has a constant faith in the spread of state-of-the-art education in the area of the Marathwada region. We have well-equipped Computer, Biotechnology and Bioinformatics laboratories and fully Wi-Fi enabled campus with natural ambience. Continuous efforts are taken to impart quality and value based education to raise satisfaction level of all stakeholders.

In every academic year, on 26th and 27th January, we organize a technical exhibition, "Tech-Expo-Technical Exhibition".

Our pride alumni working in various reputed organizations over the world have achieved their career excellence in diverse fields.

Our institution imparts education through healthy and progressive teaching practices. The campus life is vibrant and full of enthusiasm. The caring attitude of staff towards students results in developing a cordial support and a sense of belongingness. Our commitment is to continuously enhance every aspect of all operational areas that leads in fulfilling our vision and mission.