



SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

**DURGAPUR INSTITUTE OF ADVANCED TECHNOLOGY
AND MANAGEMENT**

NH2, G. T. ROAD, RAJBANDH
713212

<https://diatm.rahul.ac.in/>

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

July 2024

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

In keeping with the vision, DIATM is surging ahead at an incredible pace with its focus on imparting quality teaching that can enable young learners to take up real-life challenges. Apart from providing sufficient theoretical inputs to them we lay great emphasis on their practical and laboratory exposure. All this academic exercise motivates budding engineers to undertake projects from industries and rub shoulders with expert professionals. Another area of our priorities is to help our students hone their communication skills to match up to the expectations of blue-chip companies in the backdrop of globalization.

Vision

Our Vision is to become center of excellence in scientific and technical education. We are committed to produce ethically strong and morally elevated human resource to the society and industry. We impart futuristic technical education and make our students technologically sound through effective curriculum and infrastructure so as to produce the tomorrow's leaders and innovators.

Mission

- To provide a sustainable environment that is conducive to the highest academic attainments.
- To provide cutting edge technical knowledge to ignite the minds of the budding students those who join the institution through a tough competition.
- To stimulate an enterprising spirit among students.
- To build a center of excellence for modern technical know-how and stimulate a passion for research in the new and emerging areas of technology.
- To develop a sophisticated, modern and green campus congenial to the teaching – learning process and impart value-based education to tech-savvy students.
- To establish a synergetic partnership with Industries and different R & D organizations.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

Durgapur Institute of Advanced Technology & Management (DIATM) stands out as a premier institution for higher education, characterized by several notable strengths:

1. Comprehensive Academic Programs: DIATM offers a diverse range of undergraduate and postgraduate programs, including B.Tech in Computer Science Engineering (CSE), Electrical Engineering (EE), and Mechanical Engineering (ME), as well as MCA and MBA. This variety provides students with extensive academic options and interdisciplinary learning opportunities.

2. Strong Curriculum and Experienced Faculty: The curriculum is aligned with MAKAUT and AICTE

guidelines, ensuring quality and relevance. DIATM's faculty comprises highly qualified and experienced professionals dedicated to delivering quality education and mentoring students, fostering academic success and innovation.

3. Modern Infrastructure: The institution boasts state-of-the-art facilities, including well-equipped classrooms, laboratories, computing equipment, and ICT-enabled seminar halls. These resources support effective teaching and learning, allowing students to gain practical experience and hone their skills.

4. Holistic Development Focus: DIATM emphasizes the holistic development of students by providing various cultural and sports facilities, such as indoor and outdoor games, a gymnasium, and an auditorium. The institution also organizes seminars, workshops, and extracurricular activities to foster personal growth and leadership skills.

5. E-Governance Implementation: The implementation of e-governance in administration, student admission and support, and examination processes enhances efficiency, transparency, and accessibility, ensuring smooth institutional operations.

6. Industry Collaboration: DIATM maintains strong ties with industry partners, facilitating internships, guest lectures, and collaborative projects. These partnerships provide students with practical exposure and prepare them for successful careers.

7. Robust Student Support Services: The institution offers comprehensive student support services, including academic counseling, career guidance, and mental health services. These services ensure students receive the necessary support to achieve their academic and personal goals.

Conclusion: DIATM's strengths lie in its diverse academic programs, experienced faculty, modern infrastructure, holistic development focus, e-governance implementation, industry collaboration, and robust student support services. These attributes position DIATM as a leading institution, committed to providing quality education and preparing students for successful careers and responsible citizenship.

Institutional Weakness

While Durgapur Institute of Advanced Technology & Management (DIATM) has several strengths, certain weaknesses need to be addressed to enhance its overall effectiveness and sustainability.

1. Limited Research Output: Despite a strong focus on teaching, DIATM's research output is relatively limited. There is a need for more faculty and student involvement in research activities, securing research grants, and fostering a research-oriented culture to enhance academic contributions and innovation.

2. Infrastructure Constraints: Although DIATM has modern facilities, there are areas requiring expansion or modernization. The increasing number of students and rapid technological advancements demand continuous investment in infrastructure, including laboratories, classrooms, and common areas.

3. Digital Literacy and Adoption: The adoption of digital platforms and e-governance systems has not been uniform. Some faculty, staff, and students may lack the necessary digital literacy skills to fully utilize these tools, leading to inefficiencies and frustration. Regular training and support are essential to bridge this gap.

4. Financial Constraints: Financial limitations restrict the institution's ability to invest in new initiatives, infrastructure, and faculty development. Diversifying funding sources through partnerships, grants, and alumni contributions is crucial to overcoming these constraints and ensuring sustainable growth.

5. Industry Collaboration: While DIATM has established industry connections, deeper collaboration is necessary. Strengthening ties with industry for internships, joint research projects, guest lectures, and employment opportunities would better align academic programs with industry needs and enhance student employability.

6. Alumni Engagement: The institution's alumni network is underutilized. Actively engaging alumni in institutional activities, mentorship programs, and fundraising efforts can provide additional support and resources for current students and institutional development.

7. Student Support Services: Although DIATM offers various student support services, there is room for improvement in areas such as career counseling, mental health services, and academic advising. Enhancing these services can significantly contribute to student satisfaction and success.

Conclusion: Addressing these weaknesses involves strategic planning, resource allocation, and continuous improvement efforts. By focusing on increasing research output, developing infrastructure, enhancing digital literacy, securing financial stability and strengthening student support services, DIATM can enhance its overall effectiveness and sustain its commitment to academic excellence.

Institutional Opportunity

Durgapur Institute of Advanced Technology & Management has several opportunities to enhance its growth and development. By leveraging these opportunities, DIATM can further establish itself as a leading institution for higher education.

1. Expansion of Research Initiatives: DIATM can capitalize on opportunities to expand its research initiatives. By encouraging faculty and students to engage in research, securing grants, and collaborating with other institutions, DIATM can enhance its research output and academic contributions.

2. Strengthening Industry Partnerships: Building stronger ties with industry can provide numerous benefits, including internships, collaborative projects, and guest lectures. These partnerships can ensure that the curriculum remains relevant to industry needs and enhances student employability.

3. Enhancing Digital Learning Platforms: The institution can further develop its digital learning platforms, such as Learning Management Systems (LMS), and incorporate more online courses and resources. This can provide greater flexibility for students and faculty and enhance the overall learning experience.

4. Expanding Alumni Engagement: DIATM can enhance its alumni engagement through structured programs, including mentorship, networking events, and fundraising campaigns. Active alumni involvement can provide valuable resources, support, and opportunities for current students.

5. Promoting International Collaboration: Increasing partnerships with international universities can provide opportunities for student and faculty exchanges, joint research projects, and global exposure. This can enhance the institution's global standing and provide a broader learning experience for students.

6. Developing Entrepreneurial Initiatives: The institution can foster an entrepreneurial culture by establishing incubators, providing startup support, and organizing entrepreneurship workshops. This can encourage innovation and prepare students to become future entrepreneurs.

7. Focusing on Sustainability and Green Initiatives: DIATM can implement sustainability and green initiatives, such as energy-efficient infrastructure, waste reduction programs, and sustainability-focused curriculum components. This can enhance the institution's commitment to environmental stewardship and attract environmentally conscious students and faculty.

8. Enhancing Student Support Services: Improving and expanding student support services, including career counseling, mental health services, and academic advising, can significantly contribute to student success and satisfaction.

Conclusion: By focusing on these opportunities, DIATM can enhance its academic offerings, improve student and faculty experiences, and strengthen its position as a leading institution for higher education.

Institutional Challenge

While Durgapur Institute of Advanced Technology & Management (DIATM) has numerous strengths, it faces several challenges that need addressing to maintain and enhance its standards of excellence. Identifying these challenges allows for strategic planning and continuous improvement.

1. Research Output: Despite a strong focus on teaching, the institution's research output is relatively limited. Encouraging faculty and students to engage more in research activities, securing research funding, and fostering a research-centric culture are essential for academic advancement.

2. Infrastructure Development: Although DIATM has modern facilities, there are areas where infrastructure needs expansion or modernization. Keeping up with the increasing number of students and rapid technological advancements requires continuous investment in new and existing facilities.

3. Digital Literacy and Adoption: The transition to digital platforms and e-governance systems has not been uniformly smooth. Some faculty, staff, and students may lack the necessary digital literacy skills to fully utilize these tools, leading to inefficiencies. Regular training and support are necessary to bridge this gap.

4. Financial Constraints: Like many educational institutions, DIATM faces financial constraints that limit its ability to invest in new initiatives, infrastructure, and faculty development. Diversifying funding sources through partnerships, grants, and alumni contributions is crucial.

5. Industry Collaboration: While DIATM has established industry ties, there is potential for deeper collaboration. Strengthening these relationships for internships, joint research projects, and employment opportunities would better align academic programs with industry needs and enhance student employability.

6. Alumni Engagement: The institution's alumni network is underutilized. Actively engaging alumni in mentoring, networking, and fundraising activities can provide valuable resources and support for current students and institutional development.

7. Student Support Services: Although student support services are in place, there is always room for improvement in areas such as career counseling, mental health services, and academic advising. Enhancing these services can significantly contribute to student satisfaction and success.

Conclusion: Addressing these institutional challenges involves strategic planning, resource allocation, and continuous improvement efforts. By focusing on the above mentioned issues, DIATM can continue to grow and excel in its educational mission.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Curricular Planning and Implementation: DIATM emphasizes a dynamic and industry-aligned curriculum, regularly updated to meet the evolving demands of technology and industry standards. The curriculum is designed to foster a comprehensive understanding of core engineering concepts while integrating interdisciplinary knowledge.

MOOCs, SWAYAM, and NPTEL Courses: To enhance learning opportunities, DIATM encourages students to enroll in Massive Open Online Courses (MOOCs) through platforms like SWAYAM and NPTEL. These courses offer additional knowledge and skills, allowing students to learn from esteemed educators and industry experts. The integration of these courses into the curriculum provides flexibility and promotes lifelong learning.

Courses and Initiatives on Ethics, Gender, Human Values, and Environment: DIATM integrates courses on ethics, gender equality, human values, and environmental sustainability into its curriculum. These courses aim to sensitize students to societal issues and promote responsible and ethical behavior. Initiatives such as workshops, seminars, and guest lectures further reinforce these values, preparing students to be conscientious professionals and citizens.

Project and Field Work: The curriculum includes mandatory project work and field assignments, providing hands-on experience and practical exposure. These projects, often in collaboration with industry partners, help students apply theoretical knowledge to real-world challenges, fostering problem-solving skills and innovation.

Feedback System: A robust feedback system ensures continuous improvement in curricular delivery. Regular feedback from students, faculty, and industry stakeholders is collected and analyzed to refine and enhance the curriculum. This iterative process ensures that the education provided remains relevant, effective, and aligned with the needs of the students and the industry.

In summary, DIATM's curricular approach integrates contemporary learning methods, ethical and value-based education, practical exposure, and a responsive feedback system to ensure holistic student development and readiness for professional challenges.

Teaching-learning and Evaluation

Increased Enrolment: DIATM saw a significant rise in enrolment in the 2022-23 academic year compared to the previous year, reflecting the institution's growing reputation and appeal.

Reserved Category Seats: Approximately 18% of seats were filled by students from reserved categories, underscoring DIATM's commitment to diversity and inclusion.

Student-Full Time Teacher Ratio: With a Student-Full Time Teacher Ratio of around 17:1, DIATM ensures personalized attention and support for each student, facilitating a conducive learning environment.

Student-Centric Methods: The institution employs student-centric methods such as experiential learning, participative learning, and problem-solving methodologies to enhance the learning experience. These approaches encourage active engagement, critical thinking, and practical application of knowledge.

ICT Tools: The use of ICT tools in teaching further enriches the educational process, providing students with access to digital resources and innovative learning platforms.

Full-Time Teachers: On average, 81.5% of the sanctioned teaching posts are filled by full-time teachers, with about 21% of them holding PhDs. This ensures a high standard of education, driven by qualified and experienced faculty.

Assessment and Grievance Redressal: DIATM maintains a transparent internal and external assessment system. The grievance redressal system is efficient and time-bound, ensuring that any issues are addressed promptly and fairly.

Program Outcomes and Course Outcomes: The Program Outcomes (POs) and Course Outcomes (COs) are clearly displayed on the institution's website, ensuring transparency and clarity regarding the educational objectives and expected competencies.

Pass Percentage: The pass percentage of students stands at a remarkable 96%, indicating the effectiveness of the teaching methodologies and the robust support system in place.

In summary, DIATM's teaching-learning and evaluation framework is characterized by increased enrolment, diversity, a favorable student-teacher ratio, innovative and student-centric learning methods, qualified faculty, transparent assessments, and an impressive student pass rate.

Research, Innovations and Extension

Research and Innovation Ecosystem: Although DIATM, as a private undergraduate institution, does not receive government or non-government grants for research, it has successfully created a robust ecosystem for innovations. This includes a focus on the Indian Knowledge System (IKS) and raising awareness about Intellectual Property Rights (IPR).

Workshops and Seminars: Over the past five years, DIATM has conducted 43 workshops and seminars, fostering a culture of research and innovation among students and faculty. These events provide valuable platforms for knowledge exchange and skill development.

Research Publications: The institution has published a total of 56 research papers in eminent journals, reflecting its commitment to contributing to the academic community. Additionally, 30 book chapters have been published, further showcasing the scholarly output of the faculty and students.

Extension Activities: DIATM is actively involved in extension activities within the neighborhood community, addressing various social issues and contributing to community development. A notable recognition is the Mother Teresa Lifetime Achievement Award received by the Hon'ble Chairman, which underscores the institution's dedication to social service.

Extension and Outreach Programs: In the last five years, DIATM has initiated a total of 48 extension and outreach programs. These initiatives range from literacy programs to environmental sustainability projects, enhancing the social responsibility and holistic development of students.

MoUs and Linkages: DIATM has established 18 functional Memorandums of Understanding (MoUs) and linkages with various institutions and industries over the past five years. These collaborations facilitate knowledge sharing, research opportunities, and industry exposure for students and faculty.

In summary, DIATM has built a thriving research and innovation ecosystem despite the lack of external funding. The institution's commitment to academic excellence, community engagement, and industry collaboration is evident through its numerous workshops, research publications, extension activities, and functional MoUs. These efforts collectively contribute to the comprehensive development of students and the community.

Infrastructure and Learning Resources

Adequate Infrastructure: DIATM boasts a well-equipped infrastructure that supports effective teaching and learning. The institution provides modern classrooms, state-of-the-art laboratories, and ample computing equipment, ensuring a conducive learning environment. Additionally, ICT-enabled facilities enhance the educational experience, integrating technology into the curriculum.

Expenditure on Infrastructure: Over the past five years, DIATM has allocated 68.25% of its expenditure towards infrastructure development and augmentation, excluding salaries. This significant investment underscores the institution's commitment to maintaining and upgrading its physical and technological assets.

Library Facilities: The library at DIATM is fully automated, utilizing the Integrated Library Management System (ILMS) KOHA. This system streamlines library operations, making it easier for students and faculty to access a wide range of academic resources efficiently.

IT Facilities and Internet Connectivity: The institution regularly updates its IT facilities to keep pace with technological advancements. Sufficient bandwidth for internet connection is provided, ensuring that students and faculty have reliable access to online resources and tools necessary for modern education.

Computers for Student Use: DIATM has a total of 134 computers available for student use. These resources are essential for various academic activities, including research, project work, and accessing digital learning materials.

Maintenance of Physical Facilities: A substantial 55% of the institution's funds are dedicated to the maintenance of physical facilities. This ensures that the infrastructure remains in excellent condition, providing a safe and comfortable environment for students and staff.

In summary, DIATM's infrastructure and learning resources are designed to support a high-quality educational

experience. With significant investments in infrastructure development, automated library systems, updated IT facilities, and a focus on maintenance, the institution ensures that students and faculty have access to the resources they need for academic success.

Student Support and Progression

Scholarships and Financial Aid: A total of 668 students have benefited from scholarships for last five years, providing financial support and enabling them to pursue their education without economic constraints.

Capacity Development and Skills Enhancement: DIATM organizes various capacity development and skills enhancement activities to improve students' capabilities. These activities include training in soft skills, language and communication skills, and ICT/computing skills, preparing students for both academic and professional success.

Guidance and Counselling: On average, 50% of students benefit yearly from guidance for competitive examinations and career counselling. These services help students navigate their career paths and prepare effectively for future opportunities.

Grievance Redressal Policies: The institution adopts strict policies for the redressal of student grievances, including cases of sexual harassment and ragging. DIATM maintains a zero-tolerance approach towards such issues, ensuring a safe and supportive environment for all students.

Placement Success: Placement at DIATM is notably successful, with many students securing positions in reputable organizations. This highlights the institution's effectiveness in preparing students for the job market.

Academic Achievements: Despite limited scope, last year, 2 students qualified for national and international level examinations, demonstrating the high academic standards and competitive spirit nurtured at DIATM.

Sports and Cultural Events: On average, 7 sports and cultural events are organized annually, promoting a well-rounded student experience and encouraging participation in extracurricular activities.

Alumni Network: While DIATM lacks a formally registered alumni association, its strong and active alumni network significantly contributes to the institution's development. Alumni engage in various activities, providing mentorship, support, and opportunities for current students.

In summary, DIATM's student support and progression framework effectively enhances student capabilities, ensures safety and support, and fosters a vibrant campus life. With robust scholarship programs, skill development initiatives, successful placement rates, and an active alumni network, the institution is dedicated to the comprehensive development of its students.

Governance, Leadership and Management

Alignment with NEP 2020: DIATM has proactively undertaken initiatives to modernize and enhance its educational framework, aligning with the National Education Policy (NEP) 2020. These efforts are carried out within the guidelines of AICTE and MAKAUT Syllabus.

Effective Administrative Setup: The institution boasts an effective administrative setup, with well-defined appointment procedures, service rules, and administrative protocols. This ensures smooth and efficient management across all levels of operation.

E-Governance Implementation: DIATM implements e-governance in various operational areas, including Finance and Accounts, Student Admission and Support, and Examination processes. This digitization streamlines operations, enhances transparency, and improves efficiency.

Performance Appraisal System: The performance appraisal system at DIATM is meticulously designed to evaluate and enhance the performance of faculty and staff. This system ensures continuous improvement and professional development.

Financial and Professional Support: Last year, 4 teachers received financial support for various initiatives. Additionally, around 97% of faculty and staff participate annually in development programs, reflecting the institution's commitment to professional growth.

Internal Quality Assurance Cell (IQAC): The Internal Quality Assurance Cell (IQAC) at DIATM plays a crucial role in institutionalizing quality assurance strategies. Regular meetings of the IQAC lead to the identification and implementation of quality improvement initiatives.

Quality Assurance Initiatives: Key quality assurance initiatives include:

- Regular IQAC meetings for continuous improvement.
- Implementation of identified quality enhancement measures.
- Conducting Academic and Administrative Audits (AAA) and taking follow-up actions.
- Participation in National Institutional Ranking Framework (NIRF) and other recognized rankings.
- Undergoing quality audits and accreditation by state, national, and international agencies such as NAAC.

In summary, DIATM's governance, leadership, and management strategies are geared towards continuous improvement and modernization. With effective administration, e-governance, comprehensive performance appraisal systems, robust support for professional development, and a proactive IQAC, DIATM ensures high standards of educational quality and institutional excellence.

Institutional Values and Best Practices

Gender Equity Initiatives: DIATM has initiated a Gender Audit to assess and promote gender equity within the institution. Measures to ensure gender equity include creating a supportive and inclusive environment for all genders.

Sustainability and Energy Conservation: The institution has implemented facilities and initiatives for alternate sources of energy and energy conservation, such as the installation of solar panels. These efforts reduce the carbon footprint and promote sustainable energy use.

Waste Management: DIATM actively manages various types of degradable and non-degradable waste, ensuring proper disposal and recycling processes. This commitment to waste management helps maintain a clean and sustainable campus environment.

Water Conservation: Water conservation measures include the implementation of Rainwater Harvesting (RWH) systems. These systems collect and store rainwater for various uses, promoting efficient water use and sustainability.

Green Campus Initiatives: The institution undertakes numerous green campus initiatives to create a sustainable and eco-friendly environment. These include regular green audits, environment audits, and energy audits to monitor and improve environmental practices.

Barrier-Free Environment: DIATM is committed to providing a barrier-free environment, ensuring accessibility for all students, staff, and visitors, including those with disabilities. This promotes inclusivity and equal opportunities for everyone.

Clean and Green Campus: Clean and green campus initiatives are conducted periodically to maintain a healthy and aesthetically pleasing environment. These initiatives include tree planting, landscaping, and cleanliness drives.

Inclusive Environment: The institution fosters an inclusive environment that promotes tolerance and harmony across cultural, regional, linguistic, and socioeconomic differences. This diversity enriches the campus community and enhances the educational experience.

Industry-Academia Collaboration: DIATM actively pursues industry-academia collaboration initiatives. These partnerships bridge the gap between theoretical knowledge and practical application, providing students with valuable industry exposure and opportunities for internships and projects.

In summary, DIATM's institutional values and best practices emphasize sustainability, inclusivity, and collaboration. Through gender equity initiatives, sustainable practices, waste and water management, green campus efforts, a barrier-free environment, and industry partnerships, DIATM ensures a holistic and enriching educational environment.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	DURGAPUR INSTITUTE OF ADVANCED TECHNOLOGY AND MANAGEMENT
Address	NH2, G. T. Road, Rajbandh
City	Durgapur
State	West Bengal
Pin	713212
Website	https://diatm.rahul.ac.in/

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Sabyasachi Sarkar	0343-2520712	9434538755	-	principal.diatm@rahul.ac.in
IQAC / CIQA coordinator	Pronoy Kumar Sinha	-	9433949467	-	pronoy.che@rahul.ac.in

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	

State	University name	Document
West Bengal	Maulana Abul Kalam Azad University of Technology	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
AICTE	View Document	01-07-2022	12	
AICTE	View Document	01-07-2022	12	
AICTE	View Document	01-07-2022	12	

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	NH2, G. T. Road, Rajbandh	Rural	7.65	25439

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	BTech,Electrical Engineering,	48	HS	English	30	5
UG	BTech,Mechanical Engineering,	48	HS	English	30	9
UG	BTech,Computer Science And Engineering,	48	HS	English	90	81
PG	MCA,Master Of Computer Application,	24	Graduation	English	60	37

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	3				6				21			
Recruited	1	0	0	1	0	0	0	0	13	8	0	21
Yet to Recruit	2				6				0			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				17			
Recruited	0	0	0	0	0	0	0	0	17	0	0	17
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	12	6	0	18
Yet to Recruit				0

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				4
Recruited	3	1	0	4
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	1	0	0	0	0	0	1	2	0	4
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	29	6	0	35
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
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			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
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

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

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	397	92	0	0	489
	Female	58	15	0	0	73
	Others	0	0	0	0	0
PG	Male	25	1	0	0	26
	Female	8	0	0	0	8
	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	12	12	10	12
	Female	0	3	1	9
	Others	0	0	0	0
ST	Male	0	1	2	1
	Female	1	1	0	1
	Others	0	0	0	0
OBC	Male	35	34	26	37
	Female	1	3	5	3
	Others	0	0	0	0
General	Male	70	106	91	107
	Female	14	7	15	23
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		133	167	150	193

Institutional preparedness for NEP

<p>1. Multidisciplinary/interdisciplinary:</p>	<p>Durgapur Institute of Advanced Technology & Management (DIATM) is actively aligning itself with the National Education Policy (NEP) 2020 by embracing a multidisciplinary and interdisciplinary educational framework. As a prominent B. Tech engineering college offering courses in Computer Science Engineering (CSE), Electrical Engineering (EE), and Mechanical Engineering (ME), alongside postgraduate programs in Master of Computer Applications (MCA) and Master of Business Administration (MBA), DIATM is well-equipped to implement the NEP's vision. 1. Integration and Flexibility: DIATM is revamping its curriculum to facilitate cross-disciplinary learning. By integrating</p>
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courses across engineering streams and including modules from MCA and MBA programs, students gain a comprehensive skill set. For example, CSE students can take elective courses in data analytics from the MCA program or project management from the MBA program, fostering a holistic educational experience.

2. Interdisciplinary Projects and Research: Promoting interdisciplinary projects is central to DIATM's approach. Students from different departments collaborate on real-world problems, blending technical expertise with management skills. Projects such as renewable energy systems involve ME students designing hardware, EE students developing control systems, and MBA students conducting market analysis, ensuring well-rounded solutions.

3. Faculty Development and Collaboration: DIATM prioritizes continuous professional development for its faculty, encouraging interdisciplinary research and teaching. Regular workshops, seminars, and collaborative research projects enhance the faculty's ability to deliver multidisciplinary education. Faculty members from various departments co-teach courses, providing students with diverse perspectives.

4. Industry and Academic Partnerships: To bridge the gap between academia and industry, DIATM has established partnerships with leading companies and academic institutions. These collaborations offer internships, joint research projects, and guest lectures, providing students with practical insights and multidisciplinary exposure. For instance, partnerships with tech firms enable CSE students to work on AI projects involving EE for hardware integration and MBA for business strategy.

5. Flexible Learning Pathways: DIATM provides flexible learning pathways, in line with NEP's vision, offering multiple entry and exit points in its programs. This flexibility allows students to tailor their educational journey to their interests and career goals. Online and hybrid courses further enable access to a wide range of subjects beyond their primary discipline.

6. Infrastructure and Learning Resources: DIATM continually upgrades its infrastructure to support multidisciplinary education. State-of-the-art laboratories, a comprehensive digital library, and collaborative spaces create an environment conducive to innovative learning and research. Advanced learning management systems (LMS) facilitate interdisciplinary coursework and

	<p>project management. In conclusion, DIATM is committed to implementing the NEP 2020's multidisciplinary and interdisciplinary aspects. By fostering a dynamic and flexible learning environment, DIATM prepares students to become versatile professionals capable of thriving in a rapidly evolving global landscape.</p>
<p>2. Academic bank of credits (ABC):</p>	<p>Durgapur Institute of Advanced Technology & Management (DIATM), under the affiliation of Maulana Abul Kalam Azad University of Technology (MAKAUT), is adopting the innovative Academic Bank of Credits (ABC) system as envisioned in the National Education Policy (NEP) 2020. This transformative initiative is designed to enhance the flexibility and interdisciplinarity of higher education, enabling students to personalize their learning pathways and achieve their academic and career goals more effectively. Understanding the Academic Bank of Credits (ABC): The ABC system is a digital repository that allows students to accumulate, transfer, and redeem academic credits across different courses and institutions. This framework is akin to a financial bank where students deposit credits earned from various accredited institutions, which can later be withdrawn and utilized towards the completion of a degree, diploma, or certification. Implementation at DIATM: DIATM is integrating the ABC system in accordance with MAKAUT guidelines, ensuring a seamless experience for students. Here's how DIATM is prepared to implement ABC: 1. Credit Accumulation and Transfer: Students at DIATM can earn credits from a variety of courses across different disciplines, including B. Tech programs in Computer Science Engineering (CSE), Electrical Engineering (EE), and Mechanical Engineering (ME), as well as postgraduate courses like MCA and MBA. These credits are stored in the ABC digital repository. If a student wishes to transfer to another institution or program within the MAKAUT framework or any other accredited university, their accumulated credits are easily transferable, promoting academic mobility. 2. Flexible Learning Pathways: The ABC system at DIATM empowers students to design their own learning trajectories. They can opt for courses beyond their core discipline, enabling an interdisciplinary approach to education. For example, an engineering student might take up management courses from the</p>

MBA program or advanced computing modules from the MCA program, accumulating credits that contribute to their final degree. 3. Lifelong Learning: DIATM supports the concept of lifelong learning through the ABC system. Alumni can return to the institution to take up new courses, update their skills, and accumulate additional credits. This feature is particularly beneficial in today's fast-evolving job market, where continuous upskilling is essential. 4. Seamless Academic Progression: The ABC system ensures that students' academic progression is not hindered by geographical or institutional boundaries. Credits earned at DIATM are recognized and valued across other institutions within the MAKAUT network and beyond, facilitating a seamless academic journey. 5. Technological Infrastructure: DIATM is equipped with advanced technological infrastructure to support the ABC system. A robust Learning Management System (LMS) and digital credit repository ensure that students can efficiently manage their academic credits and track their progress in real-time. In conclusion, the adoption of the Academic Bank of Credits system at DIATM, aligned with MAKAUT guidelines, significantly enhances educational flexibility and interdisciplinarity. By facilitating credit accumulation and transfer, DIATM ensures that students have the freedom to tailor their educational experiences to their unique interests and career aspirations, embodying the progressive vision of NEP 2020.

3. Skill development:

Durgapur Institute of Advanced Technology & Management (DIATM) places a strong emphasis on skill development as a crucial component of its educational framework. Recognizing the importance of equipping students with practical and industry-relevant skills, DIATM has implemented a comprehensive skill development program that complements its academic offerings. 1. Integration with Academic Curriculum: Skill development at DIATM is seamlessly integrated into the academic curriculum. Each program, whether it be B. Tech in Computer Science Engineering (CSE), Electrical Engineering (EE), Mechanical Engineering (ME), or postgraduate courses like MCA and MBA, includes dedicated modules focused on enhancing technical and soft skills. This integration ensures that students not only gain theoretical knowledge but also practical

expertise applicable in real-world scenarios. 2. Industry Partnerships and Internships: DIATM has established strong partnerships with leading industries and corporations. These collaborations facilitate internships, industry projects, and workshops, providing students with hands-on experience and exposure to the latest industry trends and technologies. Through internships, students apply their classroom knowledge in professional settings, develop problem-solving abilities, and gain valuable insights into workplace dynamics. 3. State-of-the-Art Laboratories and Workshops: The institute boasts state-of-the-art laboratories and workshops that support skill development in various engineering disciplines. Equipped with advanced tools and technologies, these facilities allow students to engage in practical experiments, prototype development, and innovative projects. For instance, mechanical engineering students have access to modern manufacturing and robotics labs, while computer science students benefit from cutting-edge computing and networking labs. 4. Soft Skills and Professional Development: DIATM places significant emphasis on the development of soft skills, such as communication, teamwork, leadership, and critical thinking. Regular seminars, workshops, and guest lectures by industry experts are organized to enhance these skills. Additionally, the institution offers specialized training sessions on resume building, interview techniques, and career planning to prepare students for successful job placements. 5. Entrepreneurship and Innovation: To foster an entrepreneurial mindset, DIATM has established an incubation center that supports students in developing their own startups and innovative projects. The center provides mentorship, resources, and funding opportunities, encouraging students to transform their ideas into viable business ventures. This initiative not only promotes innovation but also instills a sense of self-reliance and leadership. 6. Certification Programs and Online Courses: DIATM offers various certification programs and online courses in collaboration with reputed organizations and platforms. These programs cover emerging areas such as data analytics, artificial intelligence, cyber security, and digital marketing, enabling students to acquire specialized skills that are highly sought after in the job market. In conclusion, DIATM's

	<p>comprehensive approach to skill development ensures that its students are well-prepared to meet the demands of the modern workforce. By integrating practical skills into the academic curriculum, fostering industry connections, and promoting continuous learning, DIATM empowers its students to achieve professional excellence and success in their chosen careers.</p>
<p>4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):</p>	<p>Durgapur Institute of Advanced Technology & Management (DIATM), adhering to the Maulana Abul Kalam Azad University of Technology (MAKAUT) syllabus, is committed to integrating the Indian Knowledge System (IKS) into its educational framework. This integration encompasses teaching in Indian languages, promoting Indian culture, and leveraging online courses to enrich the learning experience. Teaching in Indian Languages: DIATM recognizes the importance of linguistic diversity in education and strives to include Indian languages in its teaching methodologies. By offering courses and support materials in regional languages, the institution ensures that students can learn complex concepts in their native tongues, facilitating better understanding and retention. This approach not only makes education more accessible but also helps preserve and promote linguistic heritage. Promotion of Indian Culture: Understanding and appreciating Indian culture is integral to the holistic development of students at DIATM. The institution organizes various cultural events, workshops, and seminars that highlight India's rich heritage, traditional knowledge, and values. These events include traditional music and dance performances, festivals, and lectures on Indian philosophy and history. By embedding cultural education within its curriculum, DIATM fosters a sense of pride and identity among students. Short-Term Courses and Seminars: In line with MAKAUT guidelines, DIATM offers short-term courses and seminars focused on the Indian Knowledge System. These courses cover a wide range of topics such as ancient Indian science and technology, Ayurveda, Indian literature, and traditional crafts. Renowned experts and scholars are invited to conduct these sessions, providing students with deep insights into India's vast intellectual and cultural legacy. Leveraging Online Courses: To expand the reach of Indian knowledge, DIATM</p>

	<p>utilizes online courses and digital platforms. Through partnerships with various educational technology providers, the institution offers online modules on subjects related to Indian traditions and modern applications of ancient wisdom. These courses are accessible to students nationwide, promoting a broader understanding and appreciation of IKS. Online resources include video lectures, interactive sessions, and digital libraries, making learning flexible and engaging. Interdisciplinary Approach: DIATM adopts an interdisciplinary approach to integrate IKS with contemporary education. For instance, engineering students learn about ancient Indian architectural principles and their modern applications. Similarly, management students explore traditional Indian business ethics and their relevance in today's corporate world. This blend of traditional and modern knowledge equips students with a unique perspective, enhancing their problem-solving and innovative abilities. Conclusion: By integrating the Indian Knowledge System into its curriculum, DIATM not only preserves and promotes India's rich heritage but also enriches the educational experience of its students. Through teaching in Indian languages, cultural promotion, short-term courses, and online learning, DIATM ensures that students receive a well-rounded education that values traditional wisdom alongside modern knowledge. This holistic approach prepares students to become knowledgeable and culturally aware professionals, ready to contribute to the global community.</p>
5. Focus on Outcome based education (OBE):	<p>Durgapur Institute of Advanced Technology & Management (DIATM) is dedicated to implementing Outcome-Based Education (OBE), an educational framework that emphasizes achieving specific, measurable outcomes in student learning. Following the curriculum guidelines of Maulana Abul Kalam Azad University of Technology (MAKAUT) and the All India Council for Technical Education (AICTE), DIATM ensures that its academic programs are designed to produce graduates equipped with the necessary skills and knowledge for their professional careers and societal contributions. 1. Defining Clear Learning Outcomes: OBE at DIATM begins with defining clear learning outcomes for each course and program. These outcomes outline the specific skills, knowledge, and attitudes that students are expected to</p>

acquire upon completion of their studies. For example, a B. Tech program in Computer Science Engineering (CSE) might include outcomes related to proficiency in coding, understanding software engineering principles, and the ability to work effectively in teams.

2. Curriculum Design and Implementation: The curriculum at DIATM is meticulously crafted to align with these predefined outcomes. MAKAUT and AICTE guidelines provide a robust framework, ensuring that the curriculum is comprehensive and contemporary. Courses are structured to facilitate a progressive acquisition of knowledge and skills. Teaching methods include lectures, practical labs, project-based learning, and case studies, all aimed at enabling students to achieve the desired outcomes.

3. Continuous Assessment and Evaluation: Assessment in OBE at DIATM is continuous and multifaceted, ensuring a thorough evaluation of student performance. Traditional exams are supplemented with quizzes, assignments, lab work, projects, and presentations. These varied assessment methods help in evaluating different aspects of student learning and ensuring that they meet the established outcomes. Detailed rubrics and grading criteria provide transparency and fairness in the evaluation process.

4. Feedback and Continuous Improvement: Feedback is an integral part of the OBE process at DIATM. Regular feedback from students, faculty, and industry stakeholders is collected and analyzed to identify areas for improvement. This feedback loop ensures that the curriculum and teaching methods remain dynamic and responsive to the evolving educational and industry landscape. Faculty development programs are also conducted to keep educators updated with the latest pedagogical practices and industry trends.

5. Industry and Societal Relevance: DIATM aligns its educational outcomes with industry standards and societal needs. Collaboration with industry partners ensures that the curriculum remains relevant and graduates possess skills that are in demand. Regular interactions with industry experts, internships, and industry-sponsored projects provide students with practical insights and real-world experience, making them job-ready upon graduation.

6. Holistic Development: Beyond technical skills, DIATM's OBE framework focuses on the holistic development of students. Courses are designed to enhance critical

	<p>thinking, problem-solving, communication, teamwork, and ethical values. Extracurricular activities, workshops, and seminars complement academic learning, promoting personal growth and social responsibility. In conclusion, DIATM's focus on Outcome-Based Education, in alignment with MAKAUT and AICTE guidelines, ensures that its graduates are well-prepared for professional success and societal contributions. By clearly defining learning outcomes, designing relevant curricula, continuously assessing performance, and incorporating feedback, DIATM delivers a high-quality, dynamic education that meets the needs of students and the broader community.</p>
<p>6. Distance education/online education:</p>	<p>Durgapur Institute of Advanced Technology & Management (DIATM) embraces the potential of distance and online education to enhance learning accessibility and flexibility for its students. In line with modern educational trends and the National Education Policy (NEP) 2020, DIATM offers a robust online education platform that includes bridge courses, doubt-clearing sessions, and support for SWAYAM and NPTEL courses.</p> <p>1. Bridge Courses and Online Classes: DIATM provides bridge courses to help students transition smoothly into their chosen programs. These courses are particularly beneficial for students who need to strengthen their foundational knowledge before tackling advanced subjects. To support this, DIATM organizes additional online classes, ensuring that all students, regardless of their geographical location, have access to quality education. These online classes use interactive tools and platforms to deliver engaging content, allowing students to learn at their own pace and convenience.</p> <p>2. Doubt-Clearing Sessions: Understanding that students often need personalized assistance, DIATM arranges regular doubt-clearing sessions online. These sessions are designed to address specific queries and difficulties that students may encounter during their coursework. Faculty members are available during these sessions to provide detailed explanations, conduct interactive discussions, and ensure that students have a thorough understanding of the subject matter. This approach helps in reinforcing concepts and building confidence among students.</p> <p>3. Support for SWAYAM and NPTEL Courses: DIATM actively supports students</p>

in enrolling and completing courses offered by SWAYAM (Study Webs of Active Learning for Young Aspiring Minds) and NPTEL (National Programme on Technology Enhanced Learning). These platforms offer a wide range of high-quality courses from prestigious institutions like IITs and IIMs, covering diverse disciplines. DIATM encourages students to take advantage of these resources to supplement their regular curriculum and gain additional certifications. 4. To facilitate this, DIATM provides guidance on course selection, registration assistance, and periodic progress tracking. Faculty mentors are assigned to help students integrate these online courses into their study schedules effectively. By supporting SWAYAM and NPTEL courses, DIATM ensures that its students have access to the best educational content available nationally, enhancing their learning experience and broadening their knowledge base. 5. Technological Infrastructure: DIATM has invested in advanced technological infrastructure to support its distance and online education initiatives. The institute uses a robust Learning Management System (LMS) to deliver course materials, conduct live sessions, and facilitate assessments. This system ensures seamless communication between students and faculty, enabling effective learning and collaboration. 6. Holistic Online Learning Experience: Beyond academics, DIATM's online education platform also includes extracurricular activities, virtual workshops, and webinars to ensure a well-rounded learning experience. These activities promote the development of soft skills, such as communication, leadership, and teamwork, which are essential for students' overall growth and career readiness. In conclusion, DIATM's comprehensive approach to distance and online education provides students with the flexibility, resources, and support needed to excel in their academic pursuits. By offering bridge courses, doubt-clearing sessions, and support for SWAYAM and NPTEL courses, DIATM ensures that students receive a high-quality education that is accessible and adaptable to their individual needs.

<p>1. Whether Electoral Literacy Club (ELC) has been set up in the College?</p>	<p>Yes, as per the directive of the All India Council for Technical Education (AICTE), DIATM has established the Electoral Literacy Club (ELC) under the "Mera Pehla Vote Desh Ke Liye" campaign. The initiative aims to educate and motivate students about their electoral rights and responsibilities, fostering a sense of responsible citizenship.</p>
<p>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?</p>	<p>Yes, Durgapur Institute of Advanced Technology & Management (DIATM) has appointed student coordinators and coordinating faculty members to ensure the smooth and effective functioning of the Electoral Literacy Club (ELC). This structured approach is integral to the success of the ELC and ensures that activities are well-organized and impactful.</p>
<p>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.</p>	<p>The Electoral Literacy Club (ELC) at Durgapur Institute of Advanced Technology & Management (DIATM) has undertaken several innovative programs and initiatives to promote electoral literacy and active citizenship among students and the community. Key activities include: 1. Voter Awareness Campaigns: The ELC has organized numerous voter awareness campaigns both on campus and in the surrounding underprivileged areas of Rajbandh and Panagarh. These campaigns aim to educate people about the importance of voting, the electoral process, and the impact of their votes. 2. Promotion of Ethical Voting: The club actively promotes ethical voting practices through seminars, workshops, and interactive sessions. These activities emphasize the importance of making informed and unbiased voting decisions, discouraging practices like vote-buying and coercion. 3. Enhancing Participation of Underprivileged Sections: The ELC focuses on enhancing the participation of underprivileged sections of society, including disabled persons and senior citizens. The club organizes special drives to educate and facilitate these groups' participation in the electoral process, ensuring their voices are heard. 4. Voluntary Student Contributions: Students at DIATM are encouraged to voluntarily contribute to the electoral process. They participate in organizing and conducting voter awareness drives, assisting in voter registration camps, and spreading information about the importance of voting within their communities. 5. Community Engagement: The ELC extends its reach beyond the campus by engaging</p>

	<p>with local communities. Through door-to-door campaigns and community meetings, students help raise awareness about electoral rights and responsibilities, fostering a more informed and active voter base. These initiatives by the ELC at DIATM demonstrate a strong commitment to promoting electoral literacy, ethical voting, and inclusive participation, significantly impacting both the student body and the local communities.</p>
<p>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.</p>	<p>Durgapur Institute of Advanced Technology & Management (DIATM) has undertaken several socially relevant projects to address electoral issues: Awareness Drives: The college conducts voter awareness drives in local communities, educating citizens about their electoral rights and the importance of voting. Content Creation: Students and faculty collaborate to create informative content, such as brochures, videos, and social media posts, to promote electoral literacy and ethical voting practices. Workshops and Seminars: Regular workshops and seminars are organized to engage students and community members in discussions about the electoral process and the significance of informed voting. These initiatives demonstrate DIATM's commitment to fostering a more informed and active electorate.</p>
<p>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.</p>	<p>At DIATM, efforts are focused on enrolling first-year students who are above 18 years old in the electoral roll. Despite this initiative, a significant number of students are yet to be registered. To address this, the Electoral Literacy Club (ELC) and higher-semester students conduct awareness drives, including presentations and videos, to emphasize the importance of voter registration. Additionally, the college has institutionalized mechanisms such as voter registration camps and dedicated sessions to facilitate the enrollment process, ensuring that all eligible students are registered and ready to participate in the democratic process.</p>

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
903	1150	1311	1184	1121
File Description		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: 132

File Description	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
52	72	72	79	81

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
856.76	563.99	330.52	580.46	903.13
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:

Durgapur Institute of Advanced Technology & Management (DIATM) ensures meticulous curriculum planning and delivery in accordance with the guidelines set forth by Maulana Abul Kalam Azad University of Technology (MAKAUT). Through a well-structured and documented process, DIATM guarantees the effective implementation of the MAKAUT syllabus, supported by a comprehensive academic calendar and a robust system of continuous internal assessments.

Curriculum Planning: DIATM's curriculum planning is designed to meet the academic standards and requirements of MAKAUT while addressing the diverse needs of its students. The academic calendar is a critical tool in this process, prepared meticulously at the beginning of each academic year. It aligns with the MAKAUT calendar and includes all essential dates for semester activities, including the commencement and conclusion of semesters, examination schedules, and holidays. Additionally, DIATM's calendar incorporates in-house academic activities such as seminars, workshops, and other extra and co-curricular events. These activities are strategically scheduled to enhance the learning experience, providing students with opportunities for practical exposure and holistic development.

Continuous Internal Assessment: To ensure continuous monitoring of student progress and understanding, DIATM follows a rigorous assessment strategy as directed by MAKAUT. The institution conducts four continuous assessments each semester. These assessments are designed to evaluate the students' comprehension, analytical skills, and application of knowledge on a regular basis. They are supervised by MAKAUT to maintain standardization and credibility.

In addition to the mandated assessments, DIATM conducts periodic assessments and class tests. These supplementary evaluations help in reinforcing the concepts taught and provide continuous feedback to both students and faculty. This frequent assessment approach helps in identifying learning gaps promptly, allowing for timely intervention and support to students who may need additional help.

Documentation and Transparency: All assessment processes and results are well-documented to ensure transparency and accountability. The outcomes of these assessments are discussed with students, providing them with detailed feedback and guidance on how to improve their performance. This systematic documentation also aids in academic planning and decision-making for both faculty and administration.

Supportive Learning Environment: Beyond assessments, DIATM emphasizes the importance of creating a supportive learning environment. Faculty members are encouraged to adopt innovative teaching methods and incorporate technology to make learning more interactive and engaging. Regular

workshops and seminars are organized to keep both students and faculty updated with the latest advancements in their respective fields.

Conclusion: DIATM's commitment to effective curriculum planning and assessment is evident through its structured processes and adherence to MAKAUT guidelines. By integrating continuous assessments with a well-rounded academic calendar, DIATM not only ensures academic rigor but also fosters an environment conducive to comprehensive student development. This meticulous approach ensures that students are well-prepared, not only for their examinations but also for their future professional endeavors.

File Description	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: 43

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
Provide Links for any other relevant document to support the claim (if any)	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: 22.05

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
250	234	245	300	221

File Description	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:

At Durgapur Institute of Advanced Technology & Management (DIATM), the integration of crosscutting issues such as Professional Ethics, Gender, Human Values, Environment, and Sustainability is a vital component of curriculum delivery. Recognizing the importance of these issues in shaping well-rounded professionals, DIATM embeds them into the curriculum through various strategies and initiatives.

Professional Ethics: Professional ethics is a cornerstone of DIATM's educational approach. Courses across disciplines include modules on ethical practices, professional integrity, and accountability. Case studies and real-world scenarios are discussed to help students understand the practical implications of ethical behavior in their respective fields. Additionally, guest lectures by industry professionals and ethics workshops are regularly organized to provide deeper insights into the importance of maintaining high ethical standards in professional life.

Gender Sensitivity: DIATM is committed to promoting gender equality and sensitivity. The curriculum includes discussions on gender issues, equity, and the importance of inclusivity. Workshops and seminars on gender sensitization are conducted, encouraging students to engage in conversations about gender roles and biases. The institution also supports initiatives such as Women's Day celebrations, self-defense training for female students, and forums for discussing gender-related challenges and achievements.

Human Values: Incorporating human values is essential to DIATM's mission of holistic education. Courses are designed to emphasize values such as empathy, respect, and integrity. Activities like community service, social outreach programs, and participation in charitable events are encouraged to instill a sense of social responsibility among students. The institution also hosts value education sessions and motivational talks by leaders and thinkers to reinforce the importance of human values in personal and professional life.

Environment and Sustainability: Environmental education and sustainability are integral to the DIATM curriculum. Courses include topics on environmental science, sustainable development, and

ecological balance. Practical initiatives, such as tree plantation drives, campus clean-up activities, and workshops on renewable energy and waste management, are part of the student experience. The institution also promotes research and projects focused on sustainable practices and environmental conservation, encouraging students to develop innovative solutions for real-world environmental challenges.

Holistic Integration: To ensure these crosscutting issues are effectively integrated, DIATM employs a holistic approach. Interdisciplinary projects and assignments require students to consider ethical, gender, human values, and environmental aspects in their work. Faculty members are trained to incorporate these themes into their teaching, ensuring that students receive a well-rounded education.

Conclusion: DIATM’s commitment to integrating crosscutting issues into the curriculum underscores its dedication to producing socially responsible and ethically aware graduates. By embedding professional ethics, gender sensitivity, human values, and environmental sustainability into academic and extracurricular activities, DIATM prepares students to face global challenges with a balanced and informed perspective. This comprehensive approach not only enhances academic learning but also fosters the development of compassionate and conscientious professionals.

File Description	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: 31.01

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

Response: 280

File Description	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
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	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: 25.63

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
77	34	38	135	125

2.1.1.2 Number of sanctioned seats year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
150	150	189	549	558

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: 14.12

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
25	12	13	44	26

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
77	77	93	299	304

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: 17.37

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 Durgapur Institute of Advanced Technology & Management (DIATM) offers a diverse and comprehensive curriculum designed to prepare students for dynamic careers in technology and management. The institute provides undergraduate programs in B. Tech for Computer Science and Engineering (CSE), Electrical Engineering (EE), and Mechanical Engineering (ME). These programs are rigorously structured to cover foundational and advanced topics, ensuring that students gain both theoretical knowledge and practical skills.

At the postgraduate level, DIATM offers Master of Computer Applications (MCA) and Master of Business Administration (MBA) programs. These courses are meticulously crafted to enhance professional competencies, leadership qualities, and strategic thinking, essential for excelling in the fast-paced business environment.

All programs at DIATM are approved by the All India Council for Technical Education (AICTE) and affiliated with Maulana Abul Kalam Azad University of Technology (MAKAUT), following the university's syllabus. In addition to the prescribed curriculum, DIATM offers various add-on courses and conducts separate classes for MOOCs under the Swayam-NPTEL platform, providing students with opportunities for additional learning and certification.

To ensure students are industry-ready, DIATM organizes regular industry visits and internship programs, giving students practical exposure and experience. From the third year onward, industry readiness training and aptitude classes are provided to enhance placement opportunities.

The institute boasts state-of-the-art laboratories and a library rich in resources, offering an optimal environment for research and learning. DIATM subscribes to a wide range of national and international e-journals and print journals, keeping students and faculty updated with the latest developments in their fields. Regular seminars and workshops on recent advancements are organized periodically, fostering a culture of continuous learning and innovation.

DIATM is proud of its eminent faculty members, who are engaged in nationally and internationally acclaimed research activities. The main areas of research include high energy particle physics, blockchain, network security, artificial intelligence and machine learning, cyber security, cloud computing, multi-phase induction machines, indirect field-oriented control of induction motors by SVPWM, renewable energy, and the Internet of Things (IoT).

The institute adopts student-centric methods such as experiential learning, participative learning, and problem-solving methodologies to enhance learning experiences. These methods encourage active engagement, critical thinking, and practical application of knowledge. Teachers at DIATM use ICT-enabled tools, including online resources, to facilitate an effective teaching and learning process. This integration of technology in education helps create an interactive and dynamic learning environment, catering to the diverse needs of students.

DIATM also provides hostel facilities for both boys and girls and promotes overall development through indoor and outdoor games, various clubs, co-curricular activities, annual sports events, cultural programs, and value education, nurturing the mind and soul of every student.

File Description	Document
Provide Link for 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: 82.98

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
52	72	72	122	111

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: 20.51

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
10	16	13	19	15

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 awarded 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:

The Durgapur Institute of Advanced Technology & Management (DIATM) offers a diverse and comprehensive curriculum designed to prepare students for dynamic careers in technology and management. The institute provides undergraduate programs in B. Tech for Computer Science and Engineering (CSE), Electrical Engineering (EE), and Mechanical Engineering (ME). These programs are rigorously structured to cover foundational and advanced topics, ensuring that students gain both theoretical knowledge and practical skills.

At the postgraduate level, DIATM offers Master of Computer Applications (MCA) and Master of Business Administration (MBA) programs. These courses are meticulously crafted to enhance professional competencies, leadership qualities, and strategic thinking, essential for excelling in the fast-paced business environment.

All programs at DIATM are approved by the All India Council for Technical Education (AICTE) and affiliated with Maulana Abul Kalam Azad University of Technology (MAKAUT), following the university's syllabus. In addition to the prescribed curriculum, DIATM offers various add-on courses and conducts separate classes for MOOCs under the Swayam-NPTEL platform, providing students with opportunities for additional learning and certification.

To ensure students are industry-ready, DIATM organizes regular industry visits and internship programs, giving students practical exposure and experience. From the third year onward, industry readiness training and aptitude classes are provided to enhance placement opportunities.

The institute boasts state-of-the-art laboratories and a library rich in resources, offering an optimal environment for research and learning. DIATM subscribes to a wide range of national and international e-journals and print journals, keeping students and faculty updated with the latest developments in their fields. Regular seminars and workshops on recent advancements are organized periodically, fostering a culture of continuous learning and innovation.

DIATM is proud of its eminent faculty members, who are engaged in nationally and internationally acclaimed research activities. The main areas of research include high energy particle physics, blockchain, network security, artificial intelligence and machine learning, cyber security, cloud computing, multi-phase induction machines, indirect field-oriented control of induction motors by SVPWM, renewable energy, and the Internet of Things (IoT).

The institute adopts student-centric methods such as experiential learning, participative learning, and problem-solving methodologies to enhance learning experiences. These methods encourage active engagement, critical thinking, and practical application of knowledge. Teachers at DIATM use ICT-enabled tools, including online resources, to facilitate an effective teaching and learning process. This integration of technology in education helps create an interactive and dynamic learning environment, catering to the diverse needs of students.

DIATM has a transparent mechanism for both internal and external assessments. The evaluation processes are clearly communicated to students, ensuring fairness and clarity. Additionally, the institute has an efficient and time-bound grievance redressal system, allowing students to address any concerns related to assessments or other academic issues promptly. This commitment to transparency and accountability helps maintain a positive and supportive educational environment.

Furthermore, DIATM provides hostel facilities for both boys and girls and promotes overall development through indoor and outdoor games, various clubs, co-curricular activities, annual sports events, cultural programs, and value education, nurturing the mind and soul of every student.

File Description	Document
Provide Link for 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:

The Durgapur Institute of Advanced Technology & Management (DIATM) offers a diverse and comprehensive curriculum designed to prepare students for dynamic careers in technology and management. The institute provides undergraduate programs in B. Tech for Computer Science and Engineering (CSE), Electrical Engineering (EE), and Mechanical Engineering (ME). These programs are rigorously structured to cover foundational and advanced topics, ensuring that students gain both theoretical knowledge and practical skills.

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paced business environment.

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DIATM has a transparent mechanism for both internal and external assessments. The evaluation processes are clearly communicated to students, ensuring fairness and clarity. Additionally, the institute has an efficient and time-bound grievance redressal system, allowing students to address any concerns related to assessments or other academic issues promptly.

Programme Outcomes (POs) and Course Outcomes (COs) for all programs offered by DIATM are clearly stated and displayed on the institution's website. These outcomes define the knowledge, skills, and attitudes that students are expected to acquire upon successful completion of their programs. The POs and COs are regularly updated to reflect the evolving demands of the industry and ensure that the education provided is relevant and up-to-date.

DIATM also provides hostel facilities for both boys and girls and promotes overall development through indoor and outdoor games, various clubs, co-curricular activities, annual sports events, cultural programs, and value education, nurturing the mind and soul of every student.

File Description	Document
Provide Link for 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 Durgapur Institute of Advanced Technology & Management (DIATM) is committed to ensuring that students achieve the Programme Outcomes (POs) and Course Outcomes (COs) outlined for each program. The attainment of these outcomes is systematically evaluated through a variety of methods and tools. Here's an explanation of the process with evidence:

Evaluation Methods

1. Direct Assessment Methods

- **Examinations and Quizzes:** Regular exams and quizzes are conducted to assess students' understanding of the course material, aligned with POs and COs to ensure the desired competencies are being achieved.
- **Assignments and Projects:** Designed to evaluate the application of theoretical knowledge to practical problems, these tasks are directly mapped to specific COs and POs.
- **Laboratory Work:** For engineering and technology programs, lab work assesses students' hands-on skills and concept application.
- **Internship Reports and Industry Projects:** Practical exposure is evaluated through internship reports and industry projects, assessing how well students meet POs and COs.

2. Indirect Assessment Methods

- **Student Feedback:** Regularly collected to understand students' learning experiences and their perceived achievement of POs and COs.
- **Alumni Feedback:** Surveys gather information on how well DIATM's education has prepared alumni for their careers, reflecting long-term attainment of POs and COs.
- **Employer Feedback:** Feedback from employers who hire DIATM graduates helps determine how well graduates meet industry expectations, providing external validation of POs and COs attainment.

Evidence of Evaluation

1. Rubrics and Assessment Sheets

- Detailed rubrics and assessment sheets align with specific POs and COs, providing clear evaluation criteria. Results are documented and reviewed regularly.

2. Performance Analytics

- Analytics tools track student performance across assessments, identifying trends and gaps in POs and COs attainment. For example, consistent underperformance in an area may prompt curriculum improvement.

3. Course Outcome Reports

- Instructors prepare Course Outcome Reports summarizing COs attainment based on student performance. These reports are reviewed by the academic committee to ensure courses contribute effectively to POs.

4. Continuous Improvement Process

- DIATM has a structured process for continuous improvement. Based on POs and COs evaluation, the curriculum is periodically reviewed and updated. For instance, if students are not meeting certain outcomes, the curriculum may be revised to include more practical sessions or additional resources.

Evidence from Industry and Alumni

- **Placement Records and Employer Feedback:** High placement rates and positive employer feedback indicate POs and COs attainment. DIATM maintains detailed placement records and conducts regular employer surveys.
- **Alumni Success Stories:** Testimonials from successful alumni provide qualitative evidence of POs and COs attainment. These stories are collected and showcased on the institute’s website and promotional materials.

Conclusion

DIATM evaluates the attainment of Programme Outcomes (POs) and Course Outcomes (COs) through a comprehensive approach using both direct and indirect methods. Continuous feedback and improvement processes ensure students are well-prepared for their professional careers. Evidence from assessments, analytics, and stakeholder feedback supports the institute’s commitment to high-quality education and academic excellence.

File Description	Document
Provide Link for Additional information	View Document

2.6.3

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

Response: 95.94**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
404	380	399	285	281

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
437	380	399	285	322

File Description	Document
Institutional data in the prescribed format	View Document

2.7 Student Satisfaction Survey**2.7.1****Online student satisfaction survey regarding teaching learning process****Response:** 2.8

File Description	Document
Upload database of all students on roll as per data template	View Document

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

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	0	0	0	0

File Description

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:

Ecosystem for Innovations and Indian Knowledge System at DIATM

Introduction: Durgapur Institute of Advanced Technology and Management (DIATM) has successfully established an ecosystem that fosters innovations and integrates the Indian Knowledge System (IKS) as per the curriculum of the Maulana Abul Kalam Azad University of Technology (MAKAUT). This ecosystem includes raising awareness about Intellectual Property Rights (IPR), organizing seminars and workshops, and establishing an incubation center. These initiatives promote the creation and transfer of knowledge and technology, with evident positive outcomes.

Integration of Indian Knowledge System (IKS)

Curriculum Implementation:

1. IKS in Curriculum:

- **Course Integration:** DIATM integrates IKS into its curriculum, following MAKAUT guidelines. Courses cover traditional Indian knowledge, practices, and their modern applications.
- **Awareness Programs:** Regular programs are conducted to increase awareness about the relevance and importance of IKS in contemporary education and research.

Awareness and Promotion of IPR

IPR Awareness Initiatives:

1. Seminars and Workshops:

- **Educational Events:** DIATM organizes seminars and workshops focused on IPR to educate students and faculty. Topics include patents, copyrights, trademarks, and industrial designs.
- **Expert Engagement:** Industry experts and legal professionals are invited to share insights on the process of securing intellectual property and its significance.

2. IPR Curriculum:

- **Curricular Integration:** Topics related to IPR are included in relevant courses, ensuring students understand the fundamentals and applications of intellectual property rights.
- **Resource Availability:** Access to online databases and resources is provided to students and faculty to facilitate in-depth research on IPR-related topics.

Establishment of Incubation Center

Incubation Support:

1. Startup Development:

- **Mentorship and Funding:** DIATM's incubation center offers mentorship, funding, and infrastructure support to student and faculty startups. This helps transform innovative ideas into viable business ventures.
- **Networking and Collaboration:** The center provides opportunities to network with investors, industry professionals, and other startups, fostering a collaborative innovation environment.

2. Facilities and Resources:

- **Infrastructure:** The incubation center is equipped with modern facilities, including laboratories, workspaces, and meeting rooms, creating a conducive environment for innovation.
- **Technical Expertise:** Access to technical support and resources aids in the development of prototypes and scaling innovations.

Initiatives for Knowledge and Technology Transfer

Innovation and Research:

1. Collaborative Research:

- **Interdisciplinary Projects:** The institution promotes interdisciplinary research, leveraging the expertise of various departments to drive innovation and technology transfer.
- **Publication and Patents:** Support is provided for publishing research findings and securing patents, contributing to the body of knowledge and protecting intellectual property.

Conclusion

DIATM's ecosystem for innovation and integration of the Indian Knowledge System, supported by awareness programs on IPR and a dynamic incubation center, has yielded significant outcomes. These efforts not only enhance the institution's academic and research environment but also contribute to societal and economic advancement.

File Description	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: 43

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
4	10	14	12	3

File Description	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: 0.43

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
11	04	04	20	18

File Description

Document

Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website

[View Document](#)

Institutional data in the prescribed format

[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: 0.2

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
5	7	3	6	6

File Description

Document

Institutional data in the prescribed format

[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:

DIATM's commitment to extension activities is reflected in its engagement with the nearby community through various initiatives such as literacy programs, orphanage visits, plantation drives, and awareness programs. These activities not only benefit the community but also play a crucial role in sensitizing students to social issues, contributing to their holistic development. Here's how these initiatives create a significant impact:

Literacy Program to Nearby Community

Impact on Community:

- **Educational Upliftment:** Literacy programs provide basic education to individuals who might not have access to formal schooling. This helps reduce the illiteracy rate in the community, opening doors to better job opportunities and improving the overall quality of life.
- **Empowerment:** Education empowers individuals by providing them with the knowledge and skills needed to make informed decisions, thus fostering a sense of independence and self-reliance.

Student Sensitization:

- **Understanding Educational Disparities:** Students gain insight into the challenges faced by underprivileged communities regarding education. This fosters empathy and a sense of responsibility to contribute positively to society.
- **Skill Development:** Teaching and interacting with community members enhance students' communication, leadership, and problem-solving skills.

Orphanage Visits

Impact on Community:

- **Emotional Support:** Visits to orphanages provide emotional support and a sense of belonging to the children. Engaging activities and interactions can significantly improve their mental and emotional well-being.
- **Resource Support:** Donations and voluntary services help improve the living conditions and educational resources available to orphans.

Student Sensitization:

- **Compassion and Empathy:** Direct interaction with orphans helps students develop compassion and a deeper understanding of the challenges faced by children without familial support.

- **Social Responsibility:** Students become more aware of societal issues and the importance of contributing to the welfare of less fortunate individuals.

Plantation Program in Neighborhood

Impact on Community:

- **Environmental Benefits:** Planting trees enhances green cover, improves air quality, and contributes to the ecological balance. It also helps in reducing the urban heat island effect.
- **Community Engagement:** Such programs foster a sense of community participation and responsibility towards environmental conservation.

Student Sensitization:

- **Environmental Awareness:** Students learn about environmental issues and the importance of sustainability. This knowledge can inspire environmentally responsible behavior and advocacy.
- **Active Participation:** Involvement in plantation drives promotes teamwork and a sense of accomplishment from contributing to a greener environment.

Awareness Programs by Walk and Road Show

Impact on Community:

- **Information Dissemination:** Awareness programs on health, hygiene, safety, and social issues help educate the community, leading to informed and healthier lifestyle choices.
- **Community Mobilization:** These programs can mobilize community members to take collective action on important issues, fostering a collaborative spirit.

Student Sensitization:

- **Public Speaking and Advocacy:** Organizing and participating in awareness programs enhance students' public speaking, organization, and advocacy skills.
- **Social Engagement:** Students become more engaged with social issues and learn the importance of community involvement and activism.

Holistic Development

Through these extension activities, DIATM ensures that students are not only academically proficient but also socially conscious individuals. They develop a well-rounded personality with heightened sensitivity to societal issues, enhanced interpersonal skills, and a strong sense of civic responsibility. These experiences prepare them to be proactive, empathetic, and responsible citizens, capable of contributing positively to society.

File Description	Document
Provide Link for Additional information	View Document

3.4.2

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

Response:

Durgapur Institute of Advanced Technology & Management (DIATM) is committed to not only academic excellence but also meaningful community service. This year, our extension activities have garnered significant recognition from government and government-recognized bodies, showcasing our dedication to societal welfare.

Mother Teresa Lifetime Achievement Award

Our Hon'ble Chairman, Sri R. N. Majumder, received the prestigious Mother Teresa Lifetime Achievement Award. This accolade, awarded by a government-recognized body, honors his exceptional contributions to humanitarian work and social service. Under his visionary leadership, DIATM has undertaken numerous initiatives aimed at community development and support, embodying the compassionate spirit of Mother Teresa.

Life Membership of the Red Cross Society

Principal of DIATM, Dr. S. Sarkar, has been recognized for his longstanding commitment to humanitarian causes by being granted life membership in the Red Cross Society. This prestigious membership acknowledges his active involvement in promoting health, safety, and welfare within the community. Dr. Sarkar's engagement with the Red Cross Society reflects his dedication to alleviating human suffering and fostering a culture of care and empathy at DIATM.

Plantation Programmes

DIATM has actively participated in plantation programmes within nearby localities and school premises. These initiatives are aimed at promoting environmental sustainability and awareness among the community. By planting trees and educating the public about the importance of greenery, we contribute to a healthier and more sustainable environment.

Orphanage Visits

Our institution regularly organizes visits to orphanages, where students and faculty engage with the children, providing them with companionship, educational materials, and essential supplies. These visits are a testament to our commitment to extending care and support to the underprivileged sections of society, fostering a sense of responsibility and compassion among our students.

Conclusion

The recognitions received by DIATM for our extension activities highlight our unwavering commitment to community service and social responsibility. The honors bestowed upon our Chairman and Principal, coupled with our active participation in environmental and social welfare initiatives, underscore our

mission to make a positive and lasting impact on society. As we move forward, these accolades inspire us to continue our efforts in fostering a culture of empathy, care, and holistic development.

File Description	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: 30

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
04	09	0	04	13

File Description	Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.5 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: 18

File Description	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

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:

Durgapur Institute of Advanced Technology & Management (DIATM) prides itself on providing comprehensive infrastructure and facilities that cater to the diverse needs of its students and faculty. The institution ensures an optimal environment for teaching, learning, research, and extracurricular activities, reflecting its commitment to holistic education.

1. Teaching-Learning Facilities: DIATM boasts 17 well-equipped classrooms that provide a conducive learning environment. These classrooms are spacious, well-lit, and ventilated, creating a comfortable setting for students to engage in academic activities. In addition to the classrooms, the institution has 26 state-of-the-art laboratories dedicated to various engineering and technology disciplines. These laboratories are equipped with modern instruments and tools that support practical learning and research activities, enabling students to gain hands-on experience and deepen their understanding of theoretical concepts.

To complement the traditional teaching methods, DIATM has invested in 150 computing equipment spread across various computer labs. These labs are equipped with the latest hardware and software, ensuring that students have access to the necessary resources for their coursework, projects, and research. High-speed internet connectivity is available throughout the campus, facilitating seamless access to online resources and e-learning platforms.

2. ICT-Enabled Facilities: DIATM is committed to integrating Information and Communication Technology (ICT) into its educational framework. The institution has implemented a Learning Management System (LMS) that allows students and faculty to access course materials, assignments, and assessments online. This platform enhances the learning experience by providing flexible and interactive resources.

Three classrooms are equipped with projectors and screens, enabling the use of multimedia content and interactive teaching methods. Additionally, DIATM has three seminar halls that are fully equipped with ICT facilities, including audio-visual equipment and internet access. These halls are used for hosting workshops, seminars, guest lectures, and other academic events, providing students with opportunities to learn from industry experts and academic professionals.

3. Facilities for Cultural and Sports Activities: Understanding the importance of extracurricular

activities in student development, DIATM provides extensive facilities for cultural and sports activities. The campus has dedicated spaces for various indoor games such as table tennis, carrom, and chess, allowing students to unwind and engage in recreational activities. Outdoor sports facilities include badminton courts, volleyball courts, and fields for cricket and football. These facilities encourage physical fitness, teamwork, and sportsmanship among students.

DIATM also features a well-equipped gymnasium that caters to the fitness needs of students and staff. The gymnasium is stocked with modern exercise equipment, enabling users to maintain their physical health and well-being. For larger cultural and academic events, the institution has an auditorium that serves as a venue for conferences, cultural performances, and major gatherings. The auditorium is equipped with advanced sound and lighting systems, ensuring a professional and engaging experience for all attendees.

Conclusion: DIATM’s commitment to providing adequate infrastructure and facilities is evident in its well-maintained classrooms, laboratories, and ICT-enabled spaces. The institution’s focus on holistic development is further supported by its extensive sports and cultural facilities, which contribute to a balanced and enriching student experience. Through these comprehensive resources, DIATM ensures that its students receive a high-quality education and ample opportunities for personal growth and development.

File Description	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: 43.51

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
366.34	171.35	139.03	403.67	326.98

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:

The library at Durgapur Institute of Advanced Technology & Management (DIATM) is a cornerstone of the institution's academic resources, providing extensive support for the educational and research needs of students and faculty. With a blend of traditional and digital resources, the library is a well-equipped and modern facility that enhances the learning experience at DIATM.

Automation and Digital Facilities: The library is fully automated using the Integrated Library Management System (ILMS) KOHA, a leading open-source library automation software. KOHA streamlines various library processes including cataloging, circulation, and acquisition, ensuring efficient management of resources and services. The automation facilitates easy access to the library catalog, enabling users to search for books, journals, and other materials online from anywhere on campus. This system also supports the reservation of books and tracks borrowing history, making the library experience user-friendly and efficient.

E-Resources and Subscriptions: DIATM's library boasts a comprehensive collection of e-resources that includes subscriptions to numerous national and international journals. Notable among these are IEEE and the Harvard Business Review, which provide access to cutting-edge research and industry developments in various fields. The e-resource collection covers a wide range of subjects, catering to the diverse academic interests of the DIATM community. These digital resources are accessible through the library's e-browsing facility, allowing students and faculty to stay updated with the latest scholarly articles, research papers, and e-books.

Reading and Browsing Facilities: The library is designed to accommodate the needs of both students and faculty with a large, well-lit reading room. This area is divided into separate sections for faculty and students to ensure a conducive environment for focused study and research. The spacious reading room provides a quiet and comfortable space for users to read, study, and engage in academic work. Additionally, the library has dedicated e-browsing stations equipped with computers and high-speed internet access, enabling users to explore online resources and databases efficiently.

Utilization by Faculty and Students: The library at DIATM is optimally utilized by both students and faculty. It operates extended hours to accommodate the varied schedules of its users, ensuring maximum accessibility. Faculty members frequently use the library to prepare lectures, conduct research, and stay updated with the latest developments in their fields. Students leverage the library resources for their coursework, project work, and exam preparations. The availability of both physical and digital resources supports diverse learning preferences and enhances the overall academic experience.

Additional Services: Beyond providing access to books and journals, the library offers several additional services to support academic endeavors. These include interlibrary loan services, document delivery services, and personalized assistance from library staff. Regular workshops and training sessions on effective use of digital resources and research methodologies are conducted to help users make the most of the library’s offerings.

Conclusion: The library at DIATM stands as a testament to the institution’s commitment to providing top-tier educational resources. Through automation with KOHA, extensive e-resource subscriptions, and well-designed facilities, the library plays a crucial role in the academic and research activities of the DIATM community. Its efficient management and optimal utilization by students and faculty underscore its importance as a hub of knowledge and learning at the institution.

File Description	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:

Durgapur Institute of Advanced Technology & Management (DIATM) places significant emphasis on maintaining state-of-the-art IT infrastructure to support its academic and administrative functions. The institution ensures that IT facilities are frequently updated to keep pace with technological advancements and to meet the evolving needs of students and faculty. This commitment to IT excellence is evident in the robust Wi-Fi network, high-speed internet bandwidth, and regular updates to hardware and software systems.

Wi-Fi and Internet Bandwidth: DIATM offers comprehensive Wi-Fi coverage across the campus, providing seamless internet connectivity to students, faculty, and staff. The institution currently boasts an internet bandwidth of 1 Gbps, which ensures fast and reliable access to online resources, learning management systems, and digital libraries. This high-speed internet connection supports various

academic activities, including online lectures, virtual labs, and research projects, as well as administrative functions like admissions and examinations.

Regular Updates and Upgradations: DIATM understands the importance of keeping its IT infrastructure up to date. The institution follows a scheduled plan for reviewing and upgrading its IT facilities. The latest significant updates were made in January 2024, which included the following enhancements:

1. Wi-Fi Network Expansion:

- The Wi-Fi network was expanded to cover additional areas within the campus, including new academic blocks and common areas. This expansion ensures that students and faculty have uninterrupted internet access regardless of their location on campus.
- The Wi-Fi infrastructure was upgraded to the latest standards, improving connectivity speed and reliability. Advanced routers and access points were installed to handle higher traffic loads and provide better performance.

2. Increased Internet Bandwidth:

- To support the growing demand for internet access, DIATM increased its internet bandwidth to 1 Gbps. This enhancement ensures that multiple users can simultaneously access high-speed internet without experiencing lag or interruptions.

3. Hardware and Software Updates:

- The institution invested in new computing equipment and upgraded existing hardware to ensure that all computer labs and faculty workstations are equipped with the latest technology. This includes high-performance computers with modern processors, increased RAM, and larger storage capacities.
- Software updates were also implemented to ensure that all systems run the latest versions of essential applications and operating systems. This helps in maintaining security, compatibility, and performance.

4. Enhanced Security Measures:

- DIATM has implemented advanced cybersecurity measures to protect its network and data from potential threats. This includes updated firewall systems, intrusion detection systems, and regular security audits to identify and mitigate vulnerabilities.

5. Support for Online Learning Platforms:

- The institution has integrated and upgraded its support for various online learning platforms, including Learning Management Systems (LMS) like Moodle and virtual classroom tools. This ensures that online courses, assignments, and assessments are

conducted smoothly.

Conclusion: The IT infrastructure at DIATM is designed to provide a robust, secure, and efficient environment that supports the academic and administrative needs of the institution. Through regular updates and upgradations, DIATM ensures that its IT facilities remain at the forefront of technology, providing students and faculty with the tools they need to excel in their educational and professional pursuits. The institution’s commitment to maintaining high-speed internet bandwidth and state-of-the-art Wi-Fi coverage underscores its dedication to fostering a modern and connected learning environment.

File Description	Document
Provide Link for Additional information	View Document

4.3.2

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

Response: 6.74

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

Response: 134

File Description	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: 32.23

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
394.97	359.31	161.51	27.22	99.72

File Description	Document
Institutional data in the prescribed format	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: 12.05

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
187	300	183	0	13

File Description

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: C. 2 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](#)

Institutional data in the prescribed format

[View Document](#)

Provide Links for any other relevant document to support the claim (if any)

[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: 46.6

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
640	430	650	800	122

File Description**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 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](#)

Provide Links for any other relevant document to support the claim (if any)

[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: 42.8

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
198	216	71	27	255

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
404	380	399	327	282

File Description

Document

Institutional data in the prescribed format

[View Document](#)

Provide Links for any other relevant document to support the claim (if any)

[View Document](#)

5.2.2

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

Response: 0.39

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
2	0	0	2	0

File Description	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: 6

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
0	0	0	1	5

File Description	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: 6.6

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
24	3	0	4	2

File Description	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:

Alumni Engagement and Contribution at DIATM

Introduction: Durgapur Institute of Advanced Technology and Management (DIATM) maintains strong connections with its alumni, who significantly contribute to the institution's development despite the absence of a formally registered alumni association. Alumni actively participate in various institutional activities, providing valuable support through their expertise, experience, and professional networks. This engagement enhances the academic environment, supports student development, and strengthens the institution's community ties.

Alumni Participation in Institutional Activities

Social Programs and Events:

1. Institutional Social Programs:

- **Community Engagement:** Alumni regularly engage in DIATM's social programs, contributing to community outreach and development initiatives. Their participation helps in organizing events, raising awareness on social issues, and providing resources for community projects.
- **Mentorship Programs:** Alumni participate in mentorship programs, offering guidance and support to current students. These interactions help students navigate their academic and professional paths effectively.

2. Academic Contributions:

- **Seminars and Workshops:** Alumni frequently serve as guest speakers and panelists in seminars, workshops, and webinars. They share their professional experiences, industry insights, and knowledge of emerging trends, enriching the learning experience for students.
- **Special Lectures:** Regularly invited to deliver special lectures, alumni provide expertise on specialized subjects, bridging the gap between theoretical knowledge and practical applications.

Support in Placement Activities

Placement Drives:

1. Recruitment Assistance:

- **Hiring Graduates:** Alumni play a crucial role in DIATM's placement activities by recruiting graduates into their own companies or recommending them within their professional networks. This direct involvement significantly enhances the institution's placement rates.
- **Referral Programs:** Alumni provide referrals for job openings, internships, and project opportunities, helping students gain practical experience and secure employment in reputable organizations.

2. Career Guidance:

- **Resume Building:** Alumni assist students in preparing professional resumes, cover letters, and portfolios, ensuring they meet industry standards.
- **Interview Preparation:** Through mock interviews and career counseling sessions, alumni help students prepare for job interviews, improving their confidence and performance.

Networking and Professional Development

Alumni Networks:

1. Professional Networking:

- **Alumni Networks:** Strong alumni networks facilitate professional connections, job placements, and collaborative projects. These networks offer current students and recent graduates opportunities to connect with experienced professionals in their fields.
- **Alumni Meetups:** Regular alumni meetups, both online and offline, provide platforms for knowledge exchange, collaboration, and career advancement.

2. Professional Development:

- **Workshops and Training:** Alumni organize and conduct professional development workshops and training sessions, helping students and faculty stay updated with industry advancements and enhance their skills.
- **Industry Collaborations:** Alumni facilitate collaborations between DIATM and industry partners, promoting joint research projects, internships, and training programs.

Conclusion

While DIATM lacks a formally registered alumni association, its strong and active alumni network significantly contributes to the institution's development. Through participation in social programs,

academic events, placement activities, and financial support, alumni enhance the educational experience and professional prospects of current students. This ongoing engagement exemplifies the strong bond between DIATM and its alumni, fostering a supportive and dynamic academic community.

File Description	Document
Provide Link for 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:

Durgapur Institute of Advanced Technology & Management (DIATM) is committed to realizing its vision and mission through robust institutional governance and leadership. This commitment is evident in various institutional practices, including the implementation of the National Education Policy (NEP), sustained institutional growth, decentralization, participatory governance, and the development of both short-term and long-term institutional perspective plans.

Vision and Mission Alignment: DIATM's vision is to be a center of excellence in technical and management education, fostering innovation, research, and ethical practices. Its mission includes providing quality education, promoting research, and developing industry-ready professionals. These guiding principles shape all governance and leadership activities within the institution.

Implementation of NEP: In line with the NEP 2020, DIATM has undertaken several initiatives to modernize and enhance its educational framework. The institution emphasizes a multidisciplinary and holistic education approach, integrating technology and flexible curriculum structures. NEP's focus on skill development, critical thinking, and ethical values is reflected in DIATM's revised curricula, which include new courses, workshops, and training programs aimed at developing these competencies in students.

Sustained Institutional Growth: DIATM's leadership is focused on sustained growth, both in terms of infrastructure and academic excellence. Over the years, the institution has expanded its campus facilities, upgraded laboratories, and invested in state-of-the-art technology. Continuous efforts are made to enhance faculty development through regular training programs, research opportunities, and participation in national and international conferences. These efforts contribute to maintaining high educational standards and staying abreast of global advancements in education.

Decentralization and Participatory Governance: DIATM practices decentralization by empowering various academic and administrative departments with decision-making authority. This approach fosters a culture of participation and accountability. Departments have the autonomy to design and implement their academic schedules, research activities, and student engagement programs. Faculty and staff are encouraged to take on leadership roles in various committees, such as the academic council, research board, and cultural committee, ensuring a broad-based participatory governance model.

Short-Term and Long-Term Institutional Perspective Plan: DIATM's governance includes meticulous planning to ensure long-term success and immediate responsiveness to emerging needs. The short-term perspective plan focuses on immediate objectives such as enhancing curriculum delivery,

improving student services, and increasing industry collaboration. Initiatives like organizing job fairs, industry internships, and guest lectures are part of this plan.

The long-term perspective plan, on the other hand, aligns with DIATM's vision of becoming a leading institution in technical and management education. This plan includes expanding academic programs, developing advanced research centers, establishing international collaborations, and continuously upgrading infrastructure to meet global standards. The leadership ensures that these plans are regularly reviewed and updated based on feedback from stakeholders, including students, faculty, industry partners, and alumni.

Conclusion: The governance and leadership at DIATM are deeply aligned with its vision and mission, driving the institution towards excellence. Through the effective implementation of the NEP, a focus on sustained growth, a decentralized governance model, and comprehensive short-term and long-term plans, DIATM demonstrates its commitment to providing quality education and fostering an environment of continuous improvement and innovation. This strategic approach ensures that DIATM not only meets current educational demands but also prepares for future challenges and opportunities.

File Description	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:

Introduction: Durgapur Institute of Advanced Technology and Management (DIATM) aligns its governance and leadership with its vision and mission through effective deployment of its institutional perspective plan. This alignment is evident in its adherence to the National Education Policy (NEP), sustained growth, decentralization, participative governance, and adherence to MAKAUT and AICTE curricula.

Vision and Mission:

Vision: To become a premier institution in engineering and technology, fostering innovation, research, and holistic education to produce globally competent professionals.

Mission: To provide quality education through a balanced curriculum, industry collaboration, and a supportive learning environment, enabling students to excel in their professional and personal lives.

Institutional Perspective Plan Deployment

Strategic Planning and Execution:

Short-Term Goals:

- **Enhanced Learning:** DIATM has implemented advanced teaching methodologies, including digital platforms and continuous assessments, to improve educational quality.
- **Industry Linkages:** Strengthening industry connections through internships, guest lectures, and projects enhances practical learning and employability.
- **Student Support:** Expanding services such as counseling, career guidance, and skill development programs ensures student well-being and career readiness.

Long-Term Goals:

- **Research Excellence:** Establishing DIATM as a research center of excellence with increased funding, state-of-the-art facilities, and a focus on interdisciplinary research.
- **Global Recognition:** Achieving international acclaim through global collaborations, academic forums, and attracting international students and faculty.
- **Sustainable Development:** Promoting sustainable practices in operations, infrastructure, and community outreach, aligning with global sustainability goals.

Effective and Efficient Functioning of Institutional Bodies

Policies:

- **Policy Framework:** DIATM has comprehensive policies covering academic, administrative, and operational aspects, regularly reviewed and updated to remain effective.
- **Compliance:** Adherence to MAKAUT and AICTE guidelines ensures high educational standards.

Administrative Setup:

- **Organizational Structure:** A well-defined structure ensures smooth operations and clear accountability.
- **Decentralization:** Departments have autonomy in curriculum design, research, and outreach activities, fostering innovation and responsiveness to industry needs.

Appointment Procedures:

- **Transparent Processes:** Merit-based appointment procedures ensure the recruitment of highly qualified faculty and staff.
- **Inclusivity:** Efforts are made to promote diversity in appointments.

Service Rules and Procedures:

- **Service Rules:** Clear service rules outline duties, responsibilities, and rights, ensuring a fair working environment.
- **Grievance Redressal:** A robust mechanism addresses concerns promptly.

- **Professional Development:** Regular training programs enhance faculty and staff skills and knowledge.

Evidence of Effective Governance

Policy Implementation:

- **Academic Policies:** Implementation of academic policies ensures high-quality education.
- **Research Policies:** Promoting research has led to increased publications and patents.

Administrative Efficiency:

- **Timely Decisions:** Effective decision-making processes ensure smooth functioning.
- **Resource Management:** Efficient management supports institutional growth.

Stakeholder Participation:

- **Inclusive Governance:** Involving stakeholders in decision-making ensures diverse perspectives.
- **Student Representation:** Active student participation in committees ensures their needs are addressed.

Conclusion

DIATM’s governance and leadership effectively deploy the institutional perspective plan, evidenced by comprehensive policies, robust administration, transparent appointments, and clear service rules. These practices ensure alignment with DIATM’s vision and mission, driving sustained growth, academic excellence, and overall development.

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: B. 3 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

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 and Welfare Measures at DIATM

Introduction: Durgapur Institute of Advanced Technology and Management (DIATM) is committed to maintaining high standards of excellence and employee satisfaction. This commitment is reflected in its comprehensive performance appraisal system, effective welfare measures for teaching and non-teaching staff, and ample avenues for career development and progression. These initiatives ensure that the faculty and staff are motivated, well-supported, and equipped to contribute effectively to the institution's goals.

Performance Appraisal System

Objective: The performance appraisal system at DIATM is designed to evaluate and enhance the performance of faculty and staff. It aims to recognize achievements, identify areas for improvement, and support professional growth.

Components:

1. Annual Performance Reviews:

- **Self-Assessment:** Faculty and staff complete self-assessment forms detailing their accomplishments, challenges, and goals.
- **Peer Review:** Colleagues provide feedback on the individual's performance, fostering a collaborative and supportive environment.
- **Supervisor Evaluation:** Department heads and supervisors conduct thorough evaluations, considering self-assessment and peer feedback.

2. Criteria for Evaluation:

- **Teaching Effectiveness:** Assessed through student feedback, peer reviews, and classroom observations.
- **Research Contributions:** Evaluated based on publications, research projects, and involvement in academic conferences.
- **Service to Institution:** Involvement in administrative roles, committees, and extracurricular activities.
- **Professional Development:** Participation in workshops, seminars, and further education.

3. Feedback and Development:

- **Constructive Feedback:** Detailed feedback is provided to guide improvement and professional growth.
- **Development Plans:** Personalized development plans are created, focusing on skill enhancement and career progression.

Welfare Measures

Teaching Staff:

1. Health and Wellness:

- **Medical Insurance:** Comprehensive health insurance plans cover faculty and their families.
- **Wellness Programs:** Regular health check-ups, fitness programs, and stress management workshops are organized.

2. Financial Support:

- **Provident Fund:** Contributions to provident fund ensure financial security post-retirement.
- **Research Grants:** Financial support for attending conferences, workshops, and undertaking research projects.

Non-Teaching Staff:

1. Work-Life Balance:

- **Leave Policies:** Generous leave policies, including maternity, paternity, and sabbatical leaves.
- **Flexible Working Hours:** Flexible work schedules to accommodate personal needs.

2. Professional Support:

- **Skill Development:** Regular training programs to enhance skills and improve job performance.

- **Recognition Programs:** Awards and recognition for outstanding performance and dedication.

Avenues for Career Development/Progression

Professional Development:

1. Workshops and Seminars:

- **Regular Workshops:** Conducted on the latest trends and technologies in education and administration.
- **Seminars:** Opportunities to present research and network with industry experts.

2. Higher Education Opportunities:

- **Sponsorship for Further Studies:** Financial support and leave for pursuing higher education degrees.
- **Collaboration with Universities:** Partnerships with national and international universities for exchange programs and advanced training.

Career Progression:

1. Promotion Policies:

- **Transparent Criteria:** Clear and transparent criteria for promotions based on performance and achievements.
- **Regular Assessments:** Periodic assessments ensure deserving candidates are promoted timely.

2. Mentorship Programs:

- **Mentoring by Seniors:** Experienced faculty mentor junior staff, guiding them in their career paths and professional development.

Conclusion

DIATM's performance appraisal system, welfare measures, and career development avenues collectively create a supportive and motivating environment for its faculty and staff. These initiatives not only enhance job satisfaction and performance but also align with the institution's vision of fostering excellence and innovation.

File Description	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: 0.28

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
0	0	1	0	0

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: 128.09

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
97	85	21	66	187

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
0	0	0	0	0

File Description	Document
Institutional data in the prescribed format	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:

Optimal Utilization of Resources

Strategic Planning:

1. Budgeting and Allocation:

- **Annual Budget:** An annual budget is meticulously planned, ensuring funds are allocated efficiently across various departments and projects. This includes academic programs, research activities, infrastructure maintenance, and student services.

2. Cost Control Measures:

- **Efficiency Measures:** DIATM implements cost control measures to minimize wastage and optimize resource utilization. This includes energy-saving initiatives, efficient procurement processes, and regular maintenance of facilities.

Resource Allocation:

1. Prioritization:

- **Strategic Investments:** Investments are prioritized based on strategic importance, such as upgrading laboratories, enhancing IT infrastructure, and expanding library resources to support academic excellence.

2. Monitoring and Evaluation:

- **Regular Reviews:** Continuous monitoring and evaluation of resource allocation ensure that funds are being utilized effectively. Regular reviews help in making necessary adjustments to align with institutional goals.

Financial Audits

Internal Audits:

1. Periodic Reviews:

- **Internal Audit Committee:** DIATM has an internal audit committee that conducts regular financial reviews to ensure compliance with internal policies and procedures. These audits help in identifying discrepancies and areas for improvement.

2. Transparency:

- **Financial Transparency:** Internal audits promote transparency and accountability in financial management, ensuring that all transactions are documented and reported accurately.

External Audits:

1. Annual External Audits:

- **Independent Auditors:** DIATM engages independent external auditors to conduct annual audits of its financial statements. These audits provide an objective assessment of the institution's financial health and compliance with statutory requirements.

2. Audit Reports:

- **Audit Outcomes:** The findings from external audits are reviewed by the management, and any recommendations are implemented promptly to enhance financial practices and ensure compliance with regulatory standards.

Conclusion

DIATM's strategies for resource mobilization and optimal utilization, coupled with rigorous financial audits, ensure sound financial management. By generating its own revenue through diverse streams and maintaining strict audit processes, DIATM sustains its operations, supports academic excellence, and drives continuous improvement. This approach reflects the institution's commitment to transparency, accountability, and effective resource management.

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:

Introduction: The Internal Quality Assurance Cell (IQAC) at Durgapur Institute of Advanced Technology and Management (DIATM) plays a pivotal role in institutionalizing quality assurance strategies and processes. Through systematic reviews and continuous monitoring, the IQAC ensures that the teaching-learning processes, operational structures, and learning outcomes are consistently enhanced. This commitment to quality fosters an environment of academic excellence and continuous improvement.

Institutionalizing Quality Assurance Strategies

Quality Assurance Framework:

1. Policy Formulation:

- **Quality Policies:** The IQAC formulates quality policies that align with DIATM's vision and mission. These policies provide a framework for maintaining high standards in academic and administrative activities.
- **Standard Operating Procedures (SOPs):** The development and implementation of SOPs ensure consistency and efficiency in institutional processes.

2. Strategic Planning:

- **Annual Quality Assurance Report (AQAR):** The IQAC prepares the AQAR, which outlines the institution's quality initiatives and achievements over the year. This report is a critical tool for strategic planning and benchmarking.

Review of Teaching-Learning Process

Periodic Reviews:

1. Curriculum Review:

- **Stakeholder Feedback:** Regular feedback from students, faculty, alumni, and industry experts is collected to review and update the curriculum, ensuring it remains relevant and comprehensive.
- **Curriculum Upgradation:** Based on feedback, necessary revisions and upgrades are made to the curriculum to incorporate emerging trends and technologies.

2. Teaching Methodologies:

- **Innovative Teaching Methods:** The IQAC promotes the adoption of innovative teaching methodologies, such as blended learning, flipped classrooms, and the use of digital tools.
- **Faculty Development Programs:** Regular training and workshops are conducted to equip faculty with the latest pedagogical skills and techniques.

Structures and Methodologies of Operations

Operational Efficiency:

1. Administrative Reviews:

- **Process Audits:** Periodic audits of administrative processes are conducted to identify areas for improvement and ensure operational efficiency.
- **Workflow Optimization:** The IQAC reviews and optimizes workflows to streamline operations and reduce redundancies.

2. Resource Management:

- **Optimal Resource Utilization:** The IQAC monitors the allocation and utilization of resources, ensuring they are used effectively to support academic and administrative functions.
- **Infrastructure Development:** Recommendations for infrastructure upgrades and maintenance are made based on regular assessments.

Monitoring Learning Outcomes

Assessment and Evaluation:

1. Learning Outcomes Measurement:

- **Continuous Assessment:** The IQAC ensures the implementation of continuous assessment methods to regularly evaluate student performance and learning outcomes.
- **Outcome Analysis:** Data on student performance is analyzed to identify trends and areas for improvement, informing future teaching strategies and curriculum design.

2. Incremental Improvement:

- **Performance Tracking:** The IQAC maintains records of incremental improvements in various academic and administrative activities. This tracking helps in measuring progress and making informed decisions for future initiatives.
- **Best Practices Documentation:** Successful quality assurance practices are documented and shared across departments to promote a culture of excellence and continuous improvement.

Impact and Achievements

Quality Enhancement:

Academic Excellence: Consistent improvement in teaching methodologies and curriculum has resulted in better student performance and higher placement rates.

Positive Feedback: Increased satisfaction among students, faculty, and industry partners reflects the success of IQAC's quality assurance strategies.

Conclusion

The IQAC at DIATM significantly contributes to institutionalizing quality assurance strategies and processes. Through systematic reviews, innovative practices, and continuous monitoring, the IQAC ensures the consistent enhancement of teaching-learning processes, operational structures, and learning outcomes. This commitment to quality fosters an environment of academic excellence and continuous improvement, aligning with DIATM's vision and mission.

File Description	Document
Provide Link for 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: B. Any 3 of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	View 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:

Introduction: Durgapur Institute of Advanced Technology and Management (DIATM) has proactively undertaken initiatives to promote gender equity and sensitization over the past five years. Recognizing the importance of creating a balanced and inclusive environment, the institution has implemented various measures aimed at fostering gender equality and awareness among students and staff.

Gender Equity and Sensitization in Curricular Activities: DIATM has integrated gender equity and sensitization into its curriculum to ensure that students gain a comprehensive understanding of these crucial issues. Key components of this initiative include:

1. **Incorporation in Syllabi:** Gender studies and related topics are included in relevant courses across various disciplines. This helps students appreciate the importance of gender equity in different fields of study.
2. **Workshops and Seminars:** Regular workshops and seminars on gender sensitization are conducted. These sessions often feature experts from academia, industry, and non-governmental organizations who provide insights into gender issues and promote discussions on achieving gender equity.
3. **Research Projects:** Students are encouraged to undertake research projects that explore gender-related issues. These projects not only raise awareness but also contribute to the broader academic discourse on gender equity.

Co-Curricular Activities: To complement the curricular initiatives, DIATM has implemented several co-curricular activities that promote gender equity and sensitization:

1. **Gender Equity Clubs:** The institution has established gender equity clubs that organize various activities, including debates, panel discussions, and cultural events focused on gender issues.
2. **Awareness Campaigns:** Regular awareness campaigns are conducted to educate the campus community about gender equality, respect, and inclusivity. These campaigns use a variety of media, including posters, social media, and interactive sessions.
3. **Gender Sensitization Programs:** Specialized programs and training sessions are held for faculty

and staff to ensure they are well-equipped to handle gender-related issues sensitively and effectively.

Facilities for Women on Campus: DIATM is committed to providing a safe and supportive environment for women on campus. The institution has implemented several facilities and measures to support female students and staff:

1. **Women’s Cell:** A dedicated Women’s Cell has been established to address grievances and provide support for female students and staff. The cell actively works to create a safe and inclusive campus environment.
2. **Safety Measures:** The campus is equipped with comprehensive safety measures, including well-lit pathways, CCTV surveillance, and 24/7 security personnel. Emergency contact numbers are prominently displayed across the campus.
3. **Hostel Facilities:** Separate hostel facilities for female students are provided, ensuring a secure and comfortable living environment. The hostels are equipped with all necessary amenities and are supervised by responsible wardens.
4. **Health and Wellness:** On-campus health centers provide medical support, including gynecological services. Additionally, counseling services are available to address mental health and wellness issues.
5. **Maternity and Childcare Support:** Female staff are provided with maternity leave and access to childcare facilities, ensuring a supportive work environment.

Conclusion: DIATM’s commitment to gender equity and sensitization is evident through its comprehensive initiatives spanning curricular and co-curricular activities, as well as dedicated facilities for women on campus. These efforts collectively contribute to fostering an inclusive and respectful environment, empowering both female students and staff to thrive. Continued focus on these initiatives will further strengthen the institution's dedication to gender equity and sensitization.

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: D.1 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
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: C. Any 2 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
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:

Introduction: Durgapur Institute of Advanced Technology and Management (DIATM) is committed to fostering an inclusive environment that promotes tolerance, harmony, and understanding across cultural, regional, linguistic, communal, and socioeconomic diversities. The institution also emphasizes the importance of sensitizing students and employees to their constitutional obligations, including values, rights, duties, and responsibilities as citizens.

Promoting Cultural, Regional, and Linguistic Harmony:

- 1. Cultural Festivals:** DIATM organizes various cultural festivals and events, such as annual day celebrations, ethnic days, and intercultural nights, where students from different backgrounds showcase their traditions, fostering mutual respect and understanding.
- 2. Language Support Programs:** The institution offers language support programs, including language labs and courses in regional languages, to help students from diverse linguistic backgrounds improve their communication skills and integrate more effectively into the campus community.
- 3. Regional Inclusivity:** DIATM ensures representation of various regions in its academic and extracurricular activities. Regional clubs and student associations are encouraged to organize events that highlight the unique aspects of their cultures.

Encouraging Socioeconomic Inclusivity:

- 1. Scholarships and Financial Aid:** To support students from economically disadvantaged backgrounds, DIATM offers scholarships, fee waivers, and financial aid programs. This ensures that financial constraints do not hinder students' educational aspirations.
- 2. Inclusive Admission Policies:** The institution adheres to inclusive admission policies that provide opportunities for students from varied socioeconomic backgrounds, ensuring a diverse and representative student body.

Sensitization to Constitutional Obligations:

- 1. Constitutional Awareness Programs:** DIATM conducts regular seminars, workshops, and lectures on constitutional values, rights, and duties. These sessions are often led by legal experts, educators, and social activists to provide students and staff with a deep understanding of their constitutional obligations.
- 2. Citizenship Education:** The curriculum includes modules on civic education, covering topics such as fundamental rights, duties, and responsibilities of citizens. This helps inculcate a sense of civic responsibility and national pride among students.

3. Community Engagement: DIATM encourages students and staff to engage in community service and social outreach programs. Activities like blood donation camps, cleanliness drives, and educational outreach initiatives in local communities help foster a sense of social responsibility and active citizenship.

4. Ethical Leadership Training: The institution offers training programs focused on ethical leadership and governance, aiming to develop future leaders who are not only skilled but also ethically and socially responsible.

Conclusion: DIATM's comprehensive efforts to promote an inclusive environment and sensitize its community to constitutional values reflect its commitment to creating a harmonious and respectful campus culture. By embracing diversity and fostering a sense of civic duty, DIATM prepares its students and staff to contribute positively to society and uphold the principles enshrined in the Constitution.

File Description	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:

Best Practice 1: Industry Readiness Training for Enhanced Employability

1. Title of the Practice: Industry Readiness Training (IRT) for Enhanced Employability

2. Objectives of the Practice:

- To bridge the gap between academic learning and industry expectations.
- To equip students with practical skills and knowledge required by employers.
- To enhance the employability and job-readiness of graduates.

3. The Context: In today's competitive job market, it is essential for engineering graduates to possess not only theoretical knowledge but also practical skills and industry-specific competencies. The IRT program was initiated to address this need by providing students with hands-on experience and exposure to real-world challenges.

4. The Practice: The IRT program includes a combination of industrial visits, workshops, seminars, guest lectures by industry experts, internships, and industry-specific projects. These activities are designed to give students a comprehensive understanding of the industry landscape and the skills

required to succeed.

5. Evidence of Success:

- Higher placement rates and improved job offers for graduates.
- Positive feedback from employers regarding the preparedness and skills of DIATM graduates.
- Increased student participation in internships and industry projects.

6. Problems Encountered and Resources Required:

- Ensuring consistent industry participation and collaboration can be challenging.
- Additional resources, such as dedicated faculty coordinators and infrastructure for workshops, are required.
- Continuous updating of the program to match industry trends demands effort and investment.

Best Practice 2: Evening Online Classes for Doubt Clearing and Bridge Courses for Weak Learners

1. Title of the Practice: Evening Online Classes for Doubt Clearing and Bridge Courses for Weak Learners

2. Objectives of the Practice:

- To provide additional academic support to students who struggle with core concepts.
- To ensure all students achieve a minimum level of competency required to progress in their studies.
- To promote inclusive education by addressing the needs of weak learners.

3. The Context: Some students may face difficulties in understanding key subjects due to various reasons such as inadequate pre-college preparation, language barriers, or personal issues. To support these students and prevent academic failure, DIATM initiated evening online classes and bridge courses.

4. The Practice: The evening online classes and bridge courses are scheduled outside regular class hours to provide flexibility. These sessions focus on fundamental concepts and common areas of difficulty. They are conducted by experienced faculty members and include interactive teaching methods, one-on-one tutoring, and access to supplementary learning resources.

5. Evidence of Success:

- Improved academic performance and pass rates among students who attended these sessions.
- Positive student feedback highlighting increased confidence and understanding of subjects.
- Reduction in dropout rates and academic probation cases.

6. Problems Encountered and Resources Required:

- Ensuring regular attendance and engagement from students can be challenging.
- Additional faculty time and resources are required to conduct these extra sessions.
- Continuous assessment and customization of the bridge courses to meet individual student needs.

Conclusion: The implementation of the Industry Readiness Training and Evening Online Classes for Doubt Clearing and Bridge Courses at DIATM showcases the institution's commitment to enhancing employability and supporting academic success. These best practices not only address immediate educational needs but also contribute to the long-term professional growth of students.

File Description	Document
Best practices as hosted on the Institutional website	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:

Introduction: Durgapur Institute of Advanced Technology and Management (DIATM) has established itself as a premier institution in the Durgapur region by prioritizing industry-academia collaboration. Recognizing the critical role of practical industry exposure in engineering education, DIATM has made significant strides in creating a seamless bridge between academic learning and industrial application. This focus on industry-academia collaboration is distinctive to the institution's priorities and has become a hallmark of its educational approach.

Vision and Objectives: The primary vision behind DIATM's industry-academia collaboration initiative is to produce industry-ready graduates who are well-equipped with the necessary skills, knowledge, and practical experience. The specific objectives include:

- Enhancing the employability of students by providing them with real-world industry exposure.
- Bridging the gap between theoretical knowledge and practical application.
- Fostering innovation and research through collaborative projects with industry partners.
- Facilitating continuous curriculum improvement based on industry feedback and trends.

Strategic Initiatives: To achieve these objectives, DIATM has implemented several strategic initiatives:

1. Industry Readiness Training (IRT) Program:

- **Components:** The IRT program includes industrial visits, workshops, seminars, guest lectures by industry experts, internships, and industry-specific projects.
- **Impact:** This program has significantly enhanced students' understanding of industry requirements and practical skills, making them more employable.

2. Memoranda of Understanding (MoUs) with Leading Industries:

- **Partnerships:** DIATM has signed MoUs with several prominent industries and organizations, facilitating internships, joint research projects, and guest lectures.
- **Outcomes:** These partnerships have resulted in increased internship opportunities, collaborative research, and a steady inflow of industry experts to guide and mentor students.

3. Curriculum Design and Upgradation:

- **Industry Feedback:** Regular feedback from industry partners is incorporated into the curriculum to ensure it remains relevant and up-to-date with current industry standards and practices.
- **Course Offerings:** Introduction of elective courses and modules that focus on emerging technologies and industry trends, such as AI, IoT, and Data Analytics.

4. Centres of Excellence:

- **Establishment:** DIATM has established Centres of Excellence in collaboration with industry leaders to promote advanced research and training in key areas like robotics, renewable energy, and advanced manufacturing.
- **Benefits:** These centers provide students and faculty with access to state-of-the-art equipment and facilities, fostering innovation and advanced learning.

5. Faculty Development Programs:

- **Objective:** To keep the faculty updated with the latest industry trends and teaching methodologies.
- **Activities:** Regular workshops, seminars, and industry visits are organized for faculty members to enhance their industry knowledge and teaching skills.

Performance and Outcomes:

1. Enhanced Employability and Placement Rates:

- **Statistics:** Over the past five years, DIATM has seen a substantial increase in its placement rates, with a significant number of students securing job offers from leading companies.
- **Feedback:** Employers have consistently praised DIATM graduates for their practical knowledge, problem-solving skills, and readiness to adapt to professional environments.

2. Successful Industry Projects and Internships:

- **Projects:** Numerous student projects in collaboration with industry partners have resulted in practical innovations and solutions that have been implemented in real-world scenarios.
- **Internships:** High participation in internships has provided students with invaluable

hands-on experience, enhancing their understanding of workplace dynamics and industry expectations.

3. Research and Development:

- **Collaborative Research:** Joint research projects with industry partners have led to significant advancements in various fields, such as renewable energy, materials science, and information technology.
- **Publications and Patents:** Increased number of research publications and patents filed by DIATM students and faculty in collaboration with industry experts.

4. Curriculum Development and Innovation:

- **Dynamic Curriculum:** Continuous updating and improvement of the curriculum based on industry trends have kept DIATM at the forefront of engineering education.
- **New Courses:** Introduction of new courses and specializations in cutting-edge technologies has attracted a diverse student population interested in pursuing careers in emerging fields.

5. Faculty Expertise and Development:

- **Enhanced Skills:** Faculty members have benefited from industry exposure, leading to improved teaching methodologies and enhanced subject matter expertise.
- **Professional Growth:** Participation in industry-led faculty development programs has resulted in professional growth and a better understanding of industry needs.

Challenges and Solutions: While DIATM's industry-academia collaboration initiative has been largely successful, it has faced several challenges:

- **Industry Engagement:** Ensuring consistent and meaningful engagement with industry partners can be challenging. DIATM has addressed this by establishing long-term partnerships and regular communication channels with key industry stakeholders.
- **Resource Allocation:** Adequate resources and infrastructure are essential to support industry-related activities. DIATM has invested in state-of-the-art facilities and equipment to provide students and faculty with the necessary tools for success.
- **Keeping Pace with Industry Trends:** The rapid pace of technological advancements requires continuous updating of the curriculum and training programs. DIATM has implemented a robust feedback mechanism to incorporate industry trends and innovations promptly.

Conclusion: DIATM's focus on fostering industry-academia collaboration has positioned it as a leading institution in engineering education, known for producing industry-ready graduates. Through strategic initiatives, enhanced curriculum design, and strong industry partnerships, DIATM has successfully bridged the gap between academic learning and practical application. This distinctive approach not only enhances employability but also promotes innovation, research, and continuous professional development, ensuring that DIATM remains at the forefront of engineering education in the Durgapur

region and beyond. The institution's commitment to industry-academia collaboration continues to drive its success and uphold its reputation as a center of excellence in engineering education.

File Description	Document
Appropriate web in the Institutional website	View Document

5. CONCLUSION

Additional Information :

Durgapur Institute of Advanced Technology and Management (DIATM) has recently established a Youth Red Cross Chapter, which is actively engaging students in various community service and health awareness activities. Additionally, student chapters of the Institution of Engineers (India) (IEI) have been established for the Electrical Engineering (EE) and Computer Science Engineering (CSE) departments, with regular seminars and workshops taking place to enhance professional development. Furthermore, DIATM has taken a significant step towards gender inclusion and empowerment by establishing an NCC Girls Company starting from the year 2024, providing young women with opportunities for leadership and national service.

Concluding Remarks :

Durgapur Institute of Advanced Technology and Management (DIATM) has demonstrated its commitment to excellence through the implementation of several best practices and notable achievements. The institution's emphasis on industry readiness training and evening online classes for doubt clearing and bridging courses has significantly enhanced student employability and academic performance. DIATM's innovative capacity building and skills enhancement initiatives, such as communication skills, soft skill development, foundation classes, and Python basics, have further prepared students for future challenges.

Moreover, the establishment of a Youth Red Cross Chapter, IEI student chapters for EE and CSE departments, and the NCC Girls Company highlight DIATM's dedication to holistic development, community service, and gender inclusion. The institution's sustained efforts in promoting intellectual property awareness, fostering an ecosystem for innovation, and integrating the Indian Knowledge System have led to increased research outputs, patents, and successful startups.

Through these initiatives and achievements, DIATM has created a dynamic and supportive educational environment that not only equips students with the necessary skills and knowledge but also fosters a sense of responsibility, leadership, and community engagement. The institution continues to set benchmarks in academic excellence and student development, reflecting its unwavering commitment to its vision and mission.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.2.1	<p>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)</p> <p>Answer before DVV Verification :</p> <p>Answer After DVV Verification :43</p> <p>Remark : DVV has considered the supporting document and made changes accordingly</p>																				
1.2.2	<p><i>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</i></p> <p>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</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>263</td> <td>259</td> <td>259</td> <td>354</td> <td>263</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>250</td> <td>234</td> <td>245</td> <td>300</td> <td>221</td> </tr> </tbody> </table> <p>Remark : DVV has considered the supporting document and made changes accordingly</p>	2022-23	2021-22	2020-21	2019-20	2018-19	263	259	259	354	263	2022-23	2021-22	2020-21	2019-20	2018-19	250	234	245	300	221
2022-23	2021-22	2020-21	2019-20	2018-19																	
263	259	259	354	263																	
2022-23	2021-22	2020-21	2019-20	2018-19																	
250	234	245	300	221																	
2.1.1	<p>Enrolment percentage</p> <p>2.1.1.1. Number of seats filled year wise during last five years (Only first year admissions to be considered)</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>77</td> <td>38</td> <td>37</td> <td>139</td> <td>124</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>77</td> <td>34</td> <td>38</td> <td>135</td> <td>125</td> </tr> </tbody> </table> <p>2.1.1.2. Number of sanctioned seats year wise during last five years</p> <p>Answer before DVV Verification:</p>	2022-23	2021-22	2020-21	2019-20	2018-19	77	38	37	139	124	2022-23	2021-22	2020-21	2019-20	2018-19	77	34	38	135	125
2022-23	2021-22	2020-21	2019-20	2018-19																	
77	38	37	139	124																	
2022-23	2021-22	2020-21	2019-20	2018-19																	
77	34	38	135	125																	

2022-23	2021-22	2020-21	2019-20	2018-19
150	150	180	540	558

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
150	150	189	549	558

Remark : DVV has considered the supporting document and made changes accordingly

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
25	12	13	44	26

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
25	12	13	44	26

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
62	62	83	245	250

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
77	77	93	299	304

Remark : DVV has considered the supporting document and made changes accordingly

2.4.1

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
52	72	72	130	111

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
52	72	72	122	111

Remark : DVV has considered the supporting document and made changes accordingly

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.***

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
8	0	6	26	8

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
04	09	0	04	13

Remark : DVV has considered the supporting document and made changes accordingly

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
394.97	359.31	161.51	27.22	99.72

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
366.34	171.35	139.03	403.67	326.98

Remark : DVV has considered the supporting document and made changes accordingly

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)***

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)

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
366.06	171.14	139.03	403.67	326.98

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
394.97	359.31	161.51	27.22	99.72

Remark : DVV has considered the supporting document and made changes accordingly

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*

Answer before DVV Verification : B. 3 of the above

Answer After DVV Verification: C. 2 of the above

Remark : DVV has considered the supporting document and made changes accordingly

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
4	2	3	3	2

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	1	0	0

Remark : DVV has considered the supporting document and made changes accordingly and made output as 0 for all other years as only those teachers has been selected to whom the financial assistance of 2000 or more has been given.

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**

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
97	85	21	66	187

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
97	85	21	66	187

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
16	16	20	30	30

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	0

Remark : DVV has considered the supporting document and made changes accordingly

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.**

Answer before DVV Verification : A. Any 4 or more of the above

Answer After DVV Verification: B. Any 3 of the above

Remark : DVV has considered the supporting document and made changes accordingly

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**

	<p>3. Water conservation 4. Green campus initiatives 5. Disabled-friendly, barrier free environment</p> <p>Answer before DVV Verification : A. 4 or All of the above Answer After DVV Verification: D.1 of the above Remark : DVV has considered the supporting document and made changes accordingly as only geo tagged photos of Alternate sources of energy and energy conservation measures are given</p>
7.1.3	<p>Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following</p> <p>1. Green audit / Environment audit 2. Energy audit 3. Clean and green campus initiatives 4. Beyond the campus environmental promotion activities</p> <p>Answer before DVV Verification : A. All of the above Answer After DVV Verification: C. Any 2 of the above Remark : DVV has considered the supporting document and made changes accordingly</p>

2.Extended Profile Deviations

Extended Profile Deviations
No Deviations