



SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

**DURGAPUR INSTITUTE OF ADVANCED TECHNOLOGY
AND MANAGEMENT**

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Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

“Education makes a man wise, competent, and humble to procure subsistence, to coexist in society and to preserve the knowledge for next generation”

Rahul Foundation was registered under Certificate of Registration of societies West Bengal Act XXVI of 1961 as a Registered Society . A renowned industrialist, Sri R. N. Majumder, established the Foundation. The major and sole objective was to impart educations in wide pace of knowledge in the state of West Bengal. Accordingly, Durgapur Institute of Advanced Technology & Management(DIATM) was established in the year 2002 to impart higher Technical Education. With due approval from the All India Council for Technical Education(AICTE) and affiliation to the Maulana Abul Kalam Azad University of Technology, MAKAUT(formerly West Bengal University of Technology, WBUT) had started its journey with the following UG courses :-

1. Computer Science & Engineering;
2. Information Technology;
3. Electronics & Communication Engineering;
4. Electrical Engineering.

Subsequently, the Institute advanced new areas and hence as of date is running the following UG & PG courses :-

UG Courses

1. Computer Science & Engineering;
2. Information Technology;
3. Electronics & Communication Engineering;
4. Electrical Engineering;
5. Mechanical Engineering;
6. Chemical Engineering.

PG Courses

1. M.Tech in Electronics and Communication Engineering (VLSI)

Besides as off campus research , a few faculty members are guiding Ph.D scholars. The motto of DIATM is not only to impart technical educations but also to provide an atmosphere akin to

“where the mind is without fear and knowledge is free” and to implement it in true spirit of “Education is the manifestation of perfection already in man”.

The Institute is in practice of incredible innovation following due directions of eminent personalities recruited so far in this Institute as Principal or Director. The Institute has also got due recognition of **University Grants Commission(UGC) under Act 2F as well as accreditation with the Tata Consultancy Services(TCS) and**

Tech Mahindra, notable Multi National Companies(MNCs).

DIATM is surging ahead at an incredible pace focussing on quality teaching enabling young learners for real-life challenges. Apart from providing sufficient theoretical inputs we lay great emphasis on their practical exposures. All these academic exercises motivate budding engineers to undertake industrial projects with expert professionals.

Vision

To be a world class knowledge enterprise that will strive for academic and professional excellence in technical education through research and development activities and will serve the Industry, The Society and Nation.

Mission

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

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

Foundation has solid experience in running several academic institutes over a length of time :

- *Gouri Devi Hospital & Research Institute;*
- *Gouri Devi Institute of Medical Science & Hospital;*
- *Gouri Devi Nursing Academy;*
- *Law College Durgapur;*
- *Gouri Devi (Private) Industrial Training Institute;*
- *Durgapur Institute of Polytechnic etc.*

Therefore, it has earned a solid and sound experience in running educational Institutes of higher learning.

- *Sincere, dedicated, committed and experienced faculty.***The highest academic and administrative authority of the Institute is now a former director of a NIT,MHRD,GoI** *The Institute is thoroughly over the years maintaining a very good Teacher – Student ratio of 1 : 12 with Teachers from reputed Institutes like NIT, IIT, BHU, JU, CU to name a few.*

- Accredited with major two MNC's, namely TCS and Tech Mahindra
 - Ever supportive management with a positive outlook having a keen passion for higher education.
 - Innovation is a process in this institute
 - Innovative teaching learning methodology with the cutting edge technology.
 - Dedicated placement cell committed towards hands on application based training programmes; consequent success in placement opportunities around the year.
 - Active and successful entrepreneurship cell constituted by students and faculty members
 - Special grooming classes (both technical as well as soft skills) for students of all four years.
 - Collaborative NPTEL courses apart from prescribed MAKAUT syllabus.
 - Strong institute industry tet-a-tete.
 - Providing equal opportunities in quality technical education towards the students of our neighbouring state.
 - Providing financial assistance to under privileged section as well as meritorious section.
-
- Conducts various awareness programmes like career counselling, health awareness programs, computer literacy programs for rural women at no cost.
 - Fully computerized administration, library and well-established computer labs.
 - General ambience, atmosphere and discipline are worth mentioning.
 - Feedback from all stakeholders for quality enhancement.
 - Institution displays sensitivity to educational, social and market demands.
 - Encouraging placement records and very strong and active alumni network.
 - Management's experience and leadership quality (Both in academics and industry).
 - Institute is located in the heart of the industrial hub of Durgapur.

Institutional Weakness

1. As a rule, the Institute is bound to follow the prescribed syllabus of affiliated University. This sometimes limits the Institute to go ahead of adopting frontier technology in the syllabus and curriculum.

2. Being an Institute under private initiative is limited to availing Government financial support for Research and Infrastructural development activities. Even the Cadets of NCC of private Institutes like us are not provided with financial assistance by the Government while in training but in case of Government Institutes the same is available. This greatly destroys the moral of students of participating in NCC course.

3. Being self-financed institute, it has to rely on its own resources to support academics and research activities.

4. Due to remoteness of the campus from metro cities ON campus drives of reputed MNC's are limited, but never a NIL.

5. Limited public transport at later hours of the day.

Institutional Opportunity

1. No interference in academic administration makes the Institute to run its academy in academic spirit and culture. This creates a golden opportunity for the members of faculty and students to explore their creativity, research in equitable manner.

2. Engagement of Distinguished Visiting Professors from NIT, Jadavpur University, University of Calcutta on regular basis has created an exceptional opportunity for the members of faculty and students for collaborative academic exchanges

3. To endeavour to maintain the status of best Engineering college in the eastern region.

4. To continue to encourage faculties in research.

5. To continue to collaborate with national agencies for offering consultancy services.

6. To continue to organize need-based extension programmes.

7. To establish formal collaboration with institutions of higher learning and research centres.

Institutional Challenge

1. In the context of national scenario of low admission in Engineering Colleges and Universities it has become a paramount challenge for DIATM to admit the students to make the Institute survive with, particularly when the regulators do not open the doors for admission for all.

2. Sustainability in terms of infrastructural pace and retention of the faculty is a major challenge for the Institute.

- 3.To introduce innovative teaching learning methodology in regular academic curriculum
- 4.To attract students from various parts of the country to pursue their higher studies.
- 5.To seek financial assistance for conducting staff development programmes.
- 6.To secure more grants for R&D.
- 7.To organize more social programmes as CSR initiative.
- 8.To promote more consultancy.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Durgapur Institute of Advanced Technology and Management (DIATM) is affiliated to Maulana Abul Kalam Azad Institute of Technology (MAKAUT) and has a rigorous planning to nurture its students to make them suitable and competent for the modern socioeconomic condition of the ever changing world of technology. The institute took utmost care to handle the strong vigor of the students to channelize in a proper way that they can develop themselves through a process of continuous learning and self-evaluation. To enhance their human values alongside the academic excellence, strategic action taken by the Institution includes developing a sense of strong discipline among the students through the well-organized lifestyle and maintaining a proper balance with various co-curricular activities. At the beginning of each semester the students are made aware about the syllabus, academic calendar, class routine and subject wise course plan. The course coverage are regularly monitored and evaluated through Monthly Assessment, Internal examination and periodic assignments through the advocacy of Academic Council. The semester-wise course file and result analysis are also periodically reviewed by Academic Council. With the active involvement of the HODs, Academic Council regularly monitors the attendance of both the theory and practical classes, various assessment reports, the training programs, curriculum related project works etc. and takes necessary actions wherever needed. The institute's feed back system further bolsters our course curriculum. To maintain a well-balanced and healthy environment, the Institute involves students in different social activities such as blood donation camp, tree plantation, Swachh Bharat movement, health awareness program etc. along with the regular classes of professional ethics and moral values as per University syllabus. To keep the campus ambience healthy and disciplined, the Institute hosts committees such as Women Grievance Committee, Anti- Ragging Committee and Disciplinary Committee. To deal with any issues of harassment towards women, the Women grievance committee has been formed only with female faculty members who regularly interacts with women students to identify any sort of issues existing. The Institute is proud to state that in no report of sexual harassment on female students have been made so far

Teaching-learning and Evaluation

The college is regularly exercising the student centric methods such as experimental learning and problem solving methodologies for enhanced learning experiences. Academic calendar is made available to all the students and staff well before the commencement of every academic year. To review the ongoing teaching processes HODs are regularly conduct meetings with faculties and monitors syllabus progression. Feedbacks

are also taken from the students to sort out any kind of problem.

Students are counselled by the faculty mentors in a periodic manner. The arrogant, disobedient, mentally depressed, irregular to the class work and have poor academic performance students are counselled by senior faculties for rectification. Remedial classes are conducted for the slow learners.

The internal marks are evaluated by MAT (Monthly Assessment Test) and Internal Examination. Then the final marks are sent to the controller of examination through the exam cell of DIATM. Result analysis is done by the Examination Cell after every MAT and reports are sent to the Parents.

Apart from the classroom interaction the college arranges different activity based learning process such as Industry Visit, Seminar/Workshops with hands-on sessions, entrepreneurship programs etc. 'Learning classes' are taken by the students. Library, Internet facility and language lab are also provided. Using latest technologies, Technical and communication skill development programs are organized to improve the employability skills with the practice of simulation-based tools, like Matlab, NS-2, Autocad, etc. Seminar Hall with ICT (Information and Communication Technology) facilities, classrooms with LCD projector are also provided.

Faculty members continuously do research to evolve innovative teaching methodologies. Online Resources like NPTEL are frequently used. They adopt various innovative teaching methods like presentations using LCD, role-play and group discussion. The college recognizes the contribution of faculty members through awards of excellence in teaching and research. The faculty members are encouraged to attend FDP.

College introduces different innovation in teaching learning methodology. Departmental associations invite Researchers to give Lectures about latest Technologies/Innovations and to motivate the students towards research. On the other hand students are encouraged to participate in technical presentations to improve their creativity and problem solving skills.

Research, Innovations and Extension

The Nodal Research Group, DIATM fosters to create an outstanding climate of support for institute researchers and students. Our Mission is to enable the achievement of excellence by the research community, the Nodal Research Group (NRG):

Partners with the research community to create a culture of high achievement

Promotes shared responsibility, the ethical conduct of research, and compliance

Enhances researchers' abilities to obtain and manage grants

Creates integrated services, transparent research administration, infrastructure, and streamlined processes

Advocates for the needs of the institute research community

Broadens awareness of the value of interdisciplinary research

Develops strong relationships with sponsors.

Enhances the ability to perform research in a global community

NRG is committed to treating each other, our process partners and others we work with, as valued colleagues, guided by open communication, collaboration, partnership, integrity and respect in order to achieve our common goals.

NRG is also committed to providing a culture of continuous learning for all academicians. NRG encourages innovation, reflective thinking, flexibility and adaptability in our approaches to our work, in alignment with our mission to create client-centered services. NRG values and welcomes a diversity of staff, as an organization that is enriched by a multitude of perspectives and experiences. NRG is committed to developing a range of resources and strategies designed to provide the highest level of quality services possible to the research community that positions the institute research program for a successful future. NRG sees our role in the future of the institute as making it easier for researchers to carry out their research by being responsive, proactive and innovative. NRG is committed to supporting the research effort at the institute, balancing service and compliance in a mutually beneficial approach. NRG provides exceptional research administrative services while effectively managing risks and opportunities. It develops strategies and a plan for open and clear communication. It tries to improve access to key information. It tries to improve researcher productivity and satisfaction by reducing administrative burden

Infrastructure and Learning Resources

The college management interacts with faculty, alumni, students, parents and industry representatives to know the changing trends and requirements of industry and to facilitate good employability for students. Accordingly creation and enhancement of infrastructure facilities are planned.

Present campus is about 40994.65128 sq. mts in which built area is 30193 sq. mts. This has ensured that adequate availability of physical infrastructure. The available infrastructure is always more than required as per Norms of AICTE and MAKAUT, the affiliating University.

- The utilization of the available infrastructure is optimal.
- Main building for CSE, ECE, IT, EE Departments, separate buildings for CHE and ME Departments, seminar room, ICT rooms, Language lab, Laboratories for the respective Departments are fully utilized.
- The Institute possesses a well-equipped library which boasts of an excellent collection of textbooks and reference books, rare books, enough number of books for preparation of IES and IPS examination as well as national & international journals of repute and it is a digital library. In addition each department has a separate departmental library of its own to help students.
- Library Advisory committee consisting of Head of the Department of all branches recommends books,

journals and magazines to be subscribed.

- College has in-campus banking and ATM facility.
- For health facility, college has one multi-facilitated hospital and one Medical College within its campus.
- Maintenance of clean, green and plastic free campus is one of the most important aspects of the college and it is done by staffs (Non-teaching) and students. Necessary fund in this regard is provided by the college. Additionally eco-friendly energy source solar power plant also present in this campus.
- Dedicated sports facilities with guidance of a qualified physical director are made available to students and Institute has its own volleyball court, outdoor badminton court and two grounds for other games like football, cricket, kho-kho etc.

Student Support and Progression

Durgapur Institute of Advanced Technology and Management take the responsibility of providing the scholarship for some intelligent and needy students in order to continue their dream and reality. There are adequate number of capacity enhancement and development schemes such as Aptitude test, GD, PI, career counseling, regular classes for soft skill development etc. conducted for the students to upgrade their competitive potential. Preparation for employability enhancement through tests like GATE is also being provided from each department on the basis of exposed to subject applications, individual responses of students. The Institute also encourages the activity of students to expand their interaction approaches through the student council that constantly guides, supervise for overall development of the student community. Institute also has an alumni association named Durgapur Institute of Advanced Technology and Management Alumni Association to promote and foster the awareness among students about the scope of their subject in professional world and possibility of job opportunities.

Governance, Leadership and Management

The directed leadership is to produce the engineers in a holistic approach of 6E -- Education, Entrepreneurship, Employability, Ethics, Equity and Environment.

Education : In the process of imparting holistic education, teaching and learning are given equal importance by the leadership for which the students are bound to take at least one course in the learning mode and impart lectures as a teacher.

Entrepreneurship : Entrepreneurship as per leadership director has been made practice not in action. Accordingly, Entrepreneurship programmes are run regularly to motivate the students to become job creators and not just job seekers. In recognition of this exercise undertaken by this Institute, the EDC cell of this Institute established under AICTE fund was awarded.

Employability : To enhance employability at a global standard and to produce industry ready engineers as per the leadership directive, the Institute is in practice of running Add-on courses and Short-Term courses like Python, Robotics, Web Design, Auto CAD, CNG, Knowledge Management, CAD, CA, Nano Technology etc.

Ethics : Ethics is taught as a course to all the students of all branches.

Equity : Initiative was undertaken as per leadership decision to enhance girls' participation in every aspects of this Institute for which the girls under Kanyashree Scheme of the State of West Bengal were offered admissions under TFW scheme. 3F Football tournament (Football for Fraternity and Friendship) was organized on the occasion of Freshers' Welcome programme.

Environment : As per leadership decision and intention Environment protection has been ensured in the Institute's culture, academy and other activities. Plantation programme, solar power installation, workshop on green power technology as well as "Clean Campus, Swachh Bharat" initiatives are therefore undertaken.

Based on Parents' feedback available to ATR and subsequent IQAC these are the initiatives taken for quality assurance strategies and process Incremental improvements made in the preceding five years through ATR and the newly setup IQAC committees are tutorial class, industrial training. IQAC have also suggested to cope up with the advancement in technology and culture of the present industries so that students can take the challenge when they join the Industry / Organization

Institutional Values and Best Practices

Innovations and best practices of the educational institutions serve to enhance quality of their educational models adding values to every aspect of their services . Durgapur Institute of Advanced Technology & Management has identified and implemented innovations and best practices to differentiate itself among the competitors and to add value in educational services.

The Intuitional distinctiveness having visible impact on the quality of education imparted by the institution concerns the academic system. The institute offers dual specialization , and equip students to wider opportunities for employment and research. A large number of short duration certificate programmes , customized to suit the students , are offered to promote skill development enhancing employability opportunities. The institute offers orientation programmes, guest lectures, study tours, video lectures, NPTEL courses , internship as well as industrial exposures to support research based , exposure based , experiential , and laboratory based learning. Value addition is incorporated in teaching through extra sessions over and above the prescribed syllabus. Weak students and slow learners are supported through tutorials, remedial classes, counselling and mentoring.

Institutional best practices are elaborated with its aim of practice, underlying principles and concepts, particular contextual features or challenging issues that have had to be addressed and including evidence of success, identifying the problems encountered and resources required to implement the practice. The institutional best practices concern financial assistance, entrepreneurship and innovation in teaching & learning methods. Scholarship and self TFW scheme have been introduced for providing financial assistance to the poor but meritorious students . Monetary assistance is given to the staff in times of need. Moreover, the institute extends a helping hand to the under privileged section of the society. Entrepreneurial talents are cultivated among the students by Entrepreneurship Development Cell to direct students towards starting up new ventures . To promote technology driven start-ups and self employment opportunities many entrepreneurship development programs are introduced as a part of curriculum.

Innovation in teaching & learning is done by giving the students an opportunity to teach , conducting a class on their own by virtue of which they understand the concepts better

NAAC

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	DURGAPUR INSTITUTE OF ADVANCED TECHNOLOGY AND MANAGEMENT
Address	G.T.Road, Rajbandh (near IOCL depot)
City	Durgapur
State	West Bengal
Pin	713212
Website	www.diatm.rahul.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Prasanta Kumar Sinha	0343-2520930	9434538755	0343-2520881	principal.diatm@rahul.ac.in
IQAC / CIQA coordinator	Shouri Banerjee	0343-2520712	9434333272	0343-2520713	shouri.ash@rahul.ac.in

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	
Date of establishment of the college	21-02-2002

University to which the college is affiliated/ or which governs the college (if it is a constituent college)

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	21-03-2018	View Document
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	04-04-2018	12	

Details of autonomy

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No
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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	G.T.Road, Rajbandh (near IOCL depot)	Urban	10.13	30193

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,Electronics And Communication Engineering	48	HSC WBJEE IITJEE	English	95	14
UG	BTech,Electrical Engineering	48	HSC WBJEE IITJEE	English	126	62
UG	BTech,Mechanical Engineering	48	HSC WBJEE IITJEE	English	130	130
UG	BTech,Chemical Engineering	48	HSC WBJEE IITJEE	English	63	41
UG	BTech,Computer Science And Engineering	48	HSC WBJEE IITJEE	English	95	73
UG	BTech,Information Technology	48	HSC WBJEE IITJEE	English	63	10
PG	Mtech,Electronics And Communication Engineering	24	HSC WBJEE IITJEE	English	18	3

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	5				12				79			
Recruited	4	0	0	4	3	0	0	3	61	18	0	79
Yet to Recruit	1				9				0			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				26
Recruited	22	4	0	26
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				26
Recruited	22	4	0	26
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				31
Recruited	27	4	0	31
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				31
Recruited	27	4	0	31
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	3	0	0	2	0	0	7	2	0	14
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	1	0	0	1	0	0	54	16	0	72
UG	0	0	0	0	0	0	0	0	0	0

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

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	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	Others	Total
	4	0	0	4

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	83	61	0	0	144
	Female	17	6	0	0	23
	Others	0	0	0	0	0
PG	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	15	13	26	16
	Female	3	0	4	4
	Others	0	1	0	0
ST	Male	2	1	2	4
	Female	2	0	1	0
	Others	0	0	0	0
OBC	Male	78	53	102	63
	Female	27	8	16	9
	Others	0	0	0	0
General	Male	166	132	175	175
	Female	64	24	37	39
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		357	232	363	310

Extended Profile

1 Program

1.1

Number of courses offered by the institution across all programs during the last five years

Response: 260

File Description	Document
Institutional Data in Prescribed Format	View Document

1.2

Number of programs offered year-wise for last five years

2017-18	2016-17	2015-16	2014-15	2013-14
6	6	6	6	6

2 Students

2.1

Number of students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1041	1231	1320	1400	1584

File Description	Document
Institutional Data in Prescribed Format	View Document

2.2

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

2017-18	2016-17	2015-16	2014-15	2013-14
151	151	151	151	151

File Description	Document
Institutional data in prescribed format	View Document

2.3

Number of outgoing / final year students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
327	370	392	394	396
File Description		Document		
Institutional Data in Prescribed Format		View Document		

3 Teachers

3.1

Number of full time teachers year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
86	114	119	116	93
File Description		Document		
Institutional Data in Prescribed Format		View Document		

3.2

Number of sanctioned posts year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
70	82	88	93	105
File Description		Document		
Institutional data in prescribed format		View Document		

4 Institution

4.1

Total number of classrooms and seminar halls**Response: 107**

4.2

Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
700	1185	1083	2670	781

4.3**Number of computers****Response: 375**

NAAAC

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The institution ensures effective curriculum delivery through a well planned and documented process

Response:

The Institute is affiliated to Maulana Abul Kalam Azad University of Technology (formerly West Bengal University of Technology). DIATM strives to foster among its students a strong desire and capacity for continuous learning as well as self-appraisal to develop sterling human & professional qualities and a strong sense of service to society through designed, curricular, co-curricular activities and congenial campus environment. The college takes continuously efforts to improve student's self-confidence and develops and deploys action plans for effective implementation of the curriculum as follows,

Development of action plans

- Monthly assesment test (MAT) and informing on monthly basis scores of test and attendance of the students to their parents
- Regular Academic Audit by external experts
- Directors and Principal Classes -periodical, regular and surprise
- Academic calendar prepared by Academic council.
- Preparation of course wise time table and subject wise course plan.
- Preparation of internal exam & assignment of every subject.
- Curriculum related project work and project.
- Maintaining attendance record of lectures and practical.
- Maintaining course file.

Deployment of the action plans:

- Implementation of academic calendar.
- Implementation of internal and external examinations as per the University schedule.
- Record of attendance sheet and Syllabus completion reports are submitted by the faculty to Head of the Department (HOD).
- The progress of the students is regularly monitored and mentored individually.
- Daily class taken report submission to Principal.

Academic Council monitor following activities

- Effective implementation of curriculum.
- Various assessments like MAT, Internal and University Exam.

- Review of Student Training Program and Value Addition Program activities.
- Review of activities in line with academic calendar.
- Review of department wise Result analysis and giving suggestion for improvement.
- Suggestion for conducting various co-curricular and extracurricular activities like National Level Seminar, State Level seminars etc.

1.1.2 Number of certificate/diploma program introduced during the last five years

Response: 6

1.1.2.1 Number of certificate/diploma programs introduced year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2	2	2	0	0

File Description	Document
Details of the certificate/Diploma programs	View Document

1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years

Response: 3.79

1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
3	1	0	0	0

File Description	Document
Details of participation of teachers in various bodies	View Document

1.2 Academic Flexibility

1.2.1 Percentage of new Courses introduced out of the total number of courses across all Programs offered during last five years

Response: 13.46

1.2.1.1 How many new courses are introduced within the last five years

Response: 35

File Description	Document
Details of the new courses introduced	View Document

1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented

Response: 0

1.2.2.1 Number of programmes in which CBCS/ Elective course system implemented.

File Description	Document
Name of the programs in which CBCS is implemented	View Document

1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years

Response: 14.17

1.2.3.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
707	36	0	0	0

File Description	Document
Details of the students enrolled in Subjects related to certificate/Diploma/Add-on programs	View Document

1.3 Curriculum Enrichment

1.3.1 Institution integrates cross- cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum

Response:

The cross –cutting issues like Gender, Environmental sustainability, Human Values and Professional Ethics etc., find an ample space when it comes to applying them positively into the curriculum. We believe

in maintaining healthy environment for all its students. The curriculum is designed by the university itself does include many of these aspects such as the subjects namely Professional Ethics and Moral Values in the I Year and Environmental Studies in II Year.

There are various committees which take care of the students such as:

(i) Women Grievances Committee:

It is formed only by female faculty members consisting of one coordinator and two members and also one student representative from each department. We are proud to state that in our college the incidents of sexual harassment of women students are nil due to the discipline in the campus. Yet this cell interacts with women students at regular intervals to identify any sort of issues existing. The women cell is capable of dealing the cases very confidently with its team.

(ii) Anti- Ragging Committee:

As per the guidelines of UGC, AICTE and the University, an Anti- Ragging Committee has been constituted to handle the issues pertaining to ragging. The names of the committee members along with their mobile numbers are displayed at different places in the institution. Any student can lodge a complaint without disclosing his/her identity in case of any in convenient incident.

(iii) Human Rights:

The college conducts various programmes on Human Rights to provide awareness among students.

- a) Blood Donation Camps
- b) Swachh Bharat Abhiyan
- c) Health Awareness Programmes
- d) Tree Plantation Initiatives

(iv) Disciplinary Committee: This committee formed by Physical Directors and one faculty member from each department. This committee plays a vibrant role in the maintenance of discipline of the complete campus. In day to day functioning of the college as well as any special occasion or any programmes, this committee's presence and control is mandatory. However as a rule, the disciplinary committee functions as a correction committee but not as a punishment committee. As a process when the students are involved in foul play they are given punishment in the form of "They have to attend minimum 90% classes and achieve 9.0 CGPA"

1.3.2 Number of value added courses imparting transferable and life skills offered during the last five years

Response: 43

1.3.2.1 Number of value-added courses imparting transferable and life skills offered during the last five

years

Response: 43

File Description	Document
Details of the value-added courses imparting transferable and life skills	View Document

1.3.3 Percentage of students undertaking field projects / internships

Response: 29.97

1.3.3.1 Number of students undertaking field projects or internships

Response: 312

File Description	Document
Institutional data in prescribed format	View Document

1.4 Feedback System

1.4.1 Structured feedback received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni and 5) Parents for design and review of syllabus-Semester wise/ year-wise

Response: A. Any 4 of the above

1.4.2 Feedback processes of the institution may be classified as follows:

Response: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
URL for feedback report	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Response: 11.84

2.1.1.1 Number of students from other states and countries year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
81	152	189	135	239

File Description	Document
List of students (other states and countries)	View Document
Institutional data in prescribed format	View Document

2.1.2 Average Enrollment percentage (Average of last five years)

Response: 56.23

2.1.2.1 Number of students admitted year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
160	310	354	226	373

2.1.2.2 Number of sanctioned seats year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
567	567	567	441	441

File Description	Document
Institutional data in prescribed format	View Document

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Response: 66.89

2.1.3.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
44	96	151	75	139

File Description	Document
Institutional data in prescribed format	View Document

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners

Response:

After the admission procedure and reporting of students are completed, department faculty members and mentors interact with students to know about their difficulties as many of the students lack in communication skills and are deficient in the fundamentals of science subjects. The following are some of the identified requirements and its remedial measures:

- College has detailed information of the ranks of students who have joined the college.
- Mentors maintain a record of all differential requirement of the student population.
- Remedial classes are organized to clarify doubts and re-explain critical topics for improving performance.

Institute conducts the following Bridge/Remedial/Add-on/Enrichment Courses:

- Experts from the industries are invited for giving lectures to bridge the knowledge gap of the enrolled students.
- English communication classes are arranged to improve their communication skills.
- Special classes are arranged for skill development programmes, personality development programmes.
- Extra efforts are given for technical aptitude and mock evaluations and online tests.
- Special training to the students is provided by conducting add-on courses to minimize the knowledge gap of the students during the regular class itself.
- Faculty members provide extra knowledge to the students by giving information on contents beyond syllabus to enrich their knowledge.
- Useful practical training is given to the students during the laboratory periods itself.
- Industrial visits are arranged to the students every year for all departments to build their strong practical knowledge to meet the future needs of the industries.
- Special training is given to the students on the recent needs of the industries on domain basis.

The good students are identified through their consistent performance in Examination and feedback from the faculty.

- They are encouraged to take up Add-on courses to improve and gain the knowledge in their respective field of interest.
- Teachers play the role of mentors in improving the academic achievement of these students
- Add-on-courses/ Remedial /bridge courses are offered by the departments and institution.
- They are encouraged to take up Internship in Industry/R&D Institutions.
- Students are encouraged to participate in the on-going institutional research projects.
- Leadership qualities are enhanced in these students by making them organize and participate in the Seminars, Workshops and Techno-Cultural fests.

Academically weaker students are identified based on their internal exam marks and semester exam results. The identified students are given counselling by the HOD, Mentors and subject teachers to improve their performance.

Improvement is observed in the academics.

- The performance in internal marks.
- The performance in semester examinations marks.
- Attendance percentage.

Remedial measures

- Teaching step-by-step without skipping over content.
- Offer regular reviews and practice exercises to reinforce learning and practice applying new knowledge.
- Continuous monitoring of what the student has learned
- Tutorial classes and remedial classes are arranged to improve the weaker students.
- Study materials are supplied to the needy.
- Remedial classes are conducted for the slow learners or the students who failed in any subject, enabling them to prepare better for the supplementary examinations

These students are mentored by interactive sessions other than the regular classroom / laboratory contact hours.

2.2.2 Student - Full time teacher ratio

Response: 230:19

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Response: 0

2.2.3.1 Number of differently abled students on rolls

File Description	Document
Institutional data in prescribed format	View Document

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

Response:

1. Class routine is provided to each and every student by on-line and off-line modes before starting of the classes. Same is also provided to the Teachers and Technical staff for their preparations at least one month ahead of the academic year.

2. Special papers allocated in each discipline in each semester are divided in two groups – teaching groups and learning groups. The papers of teaching group are taught by teachers. The papers in the learning groups are taught by the students so that learning habit of the students are created.

Academic Plan:

- Before the commencement of every academic year Odd and Even semesters Academic Calendar is made available to students and staff.
- The academic calendar is strictly adhered to by the teachers.

Teaching Plan:

- HODs conduct meeting with all faculty members before the semester to discuss the syllabus
- Course files are prepared by the individual faculty members.
- The HODs monitor the syllabus progress on a regular basis and reports the same to the Principal.
- The syllabus is completed to fulfill the subject objectives.
- Feedback is collected from the students for each semester wise, subject wise and corrective measures are taken.

Evaluation plan:

- Examination schedules are announced by the controller of examination of MAKAUT.
- The evaluation is done through Monthly Assessment Test and Internal Examination
- The final marks of the internal tests are then sent to the controller of examination through the exam cell of DIATM.
- Feedback is collected from students and analysis is prepared to evaluate the teaching learning process.

The College provide course outlines and course schedules prior to the commencement of the academic session.

- The lecture plans prepared by the concerned teachers is given to the students.
- The concern teachers explain the objectives and outcomes of the syllabus to the students.
- The HOD monitors the syllabus completion and the faculty's performance in class room in regular intervals.
- The teaching plan ensures control on the total syllabus and its timely completion.

Apart from classroom interactions, other methods of learning experiences provided to the students.

- Industrial tours are arranged in every academic year.
- Classes are taken by the students for "Learning process".
- The institute encourages students to participate in seminars, workshops etc.
- Lectures are explained on black boards. In some cases LCD projectors which forms another convenient medium to impart instructions.
- An Entrepreneurship Development Cell has been set up for encouraging entrepreneurship activities.

The process of student learning are made student centric by mixing the class room teaching with other activities of learning processes.

- Students are encouraged to participate in technical competitions, seminars, technical quizzes, workshops etc.
- Library, Internet facility and language lab are provided to add value for the students.
- Arrangement of add on courses help them in developing special skills.
- The institute encourages the students to execute innovative projects.
- Technical and communication skill development programs are organized to improve the employability skills.
- Internships in industries and training institutes during summer recess.

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Response: 0

2.3.2.1 Number of teachers using ICT

File Description	Document
List of teachers (using ICT for teaching)	View Document

2.3.3 Ratio of students to mentor for academic and stress related issues

Response: 13.18

2.3.3.1 Number of mentors

Response: 79

2.3.4 Innovation and creativity in teaching-learning

Response:

Latest technologies and facilities used by the faculty members for effective teaching.

- PPTs, Audio Visual instructions.
- Web based seminars.
- NPTEL videos.
- Learning methodology through “Teaching by students”
- Particular subject code is selected to be taught through practical based teaching.
- Online home based assignment and evaluation.
- Simulation-based tools in different programmes like Matlab, NS-2, Autocad, etc.
- Language Lab.
- Computers and internet facility, to access and to download online research articles and subject matter.
- AC seminar Hall with ICT (Information and Communication Technology) facilities are provided to conduct guest lectures, seminars, workshops etc.
- Class rooms with LCD facility.

There are provision for the services of mentors/ advisors for each class or group of students for academic, personal and psycho-socio guidance.

- For every staff member, 15– 20 students are assigned to be guided in proper direction by listening to his/her problems related to studies and personal problems.
- About 20 – 30% of students are benefitted by personal counselling and as a consequence their attitudes also have changed.
- On a regular basis for every 15 days the faculty counsels the students and if required the problem will be brought to the notice of HOD and Principal for necessary action.
- The arrogant, disobedient, mentally depressed, irregular to the class work and have poor academic performance students are counselled by senior faculty to bring a change in their attitude.

Faculty members continuously do research to evolve innovative teaching methodologies. Some of the innovative teaching methodologies adopted are:

- Video lectures and presentation on the subject related topic and on advanced topics.
- Giving the importance of concept before explaining the topic.
- Students are encouraged to take seminars.
- The students are given many tasks such as group assignment competition, problem solving etc.
- Online Resources like NPTEL are frequently used.
- Industrial tours are conducted at regular intervals.
- Real Time examples and Case Studies are provided for regular skill development.
- For innovative learning the faculty adopts various innovative teaching methods like class presentations using LCD, role-play, group discussion and experimental learning.

- The college recognizes the contribution of faculty members through awards of excellence in teaching and research.
- The faculty members are encouraged to attend faculty development programmes and share their experience on new skills acquired through seminars organized in the department.

With the approval of AICTE and MAKAUT, the college introduces different innovation in teaching learning methodology, expansion of intake capacity to meet the aspirations of students.

The following mechanisms are also at place in the college:

- Projects and technical presentations which the college encourages will help in developing creativity among students.
- By allowing the students to participate in seminars, conferences and workshops creates interest in the new technologies.
- Students are allowed to involve in the on-going Research Projects in their department to create interest in the research.
- Departmental associations invite Researchers to give Lectures about latest Technologies/Innovations and to motivate the students towards research.
- Students are allowed to visit/Undergo short term training and internship.
- Students are encouraged to participate in technical presentations to improve their creativity and problem solving skills.

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 122.08

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

Response: 14.09

2.4.2.1 Number of full time teachers with Ph.D. year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
16	16	15	13	13

File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	View Document

2.4.3 Teaching experience per full time teacher in number of years

Response: 7.73

2.4.3.1 Total experience of full-time teachers

Response: 665

2.4.4 Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

Response: 1.89

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1	1	0	0	0

File Description	Document
Institutional data in prescribed format	View Document

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Response: 2.85

2.4.5.1 Number of full time teachers from other states year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
3	3	2	2	2

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	View Document

2.5 Evaluation Process and Reforms

2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level

Response:

Reforms in Continuous Internal Evaluation (CIE) System at the Institutional Level

- **Centralized Continuous Internal Evaluation System:** Assessment of performance is an integral part of teaching and learning process. As a part of sound educational strategy, the institution adopts Centralized Continuous Internal Evaluation (CIE) System in the name of Monthly assessment Test (MAT) to assess all aspects of a student's development on a continuous basis throughout the year.
- **Orientation on Evaluation Process:** Students are made aware of the evaluation process through the following initiatives:-
 - The orientation programmes at the beginning of the semester through public address system of the college
 - Orientation on changes and amendments in the evaluation process through Tutorial Meetings or electronic medium.
 - Display in the College and Department Notice Board.
- **Result Analysis & Review Meeting:** Result Analysis is done by the Examination Cell after every MAT. Pass percentage of each course is calculated by dividing the total number of students appeared and passed in each course. The performance of the students is monitored by the Principal and the necessary feedback is given to the concerned faculty members. The Principal conducts Review Meetings department wise to give necessary feedback for the improvement of student's performance.
- **Progress Reports & Parents Meetings:** The institution is keen on monitoring the performance of the students and reports to the Parents. Progress Reports are sent by each department to the parents after each of the test. Parents/ Guardians are advised to note the performance of their wards and take remedial measure if needed. Whenever necessary, the teacher shall recommend the visit of the parent to the college for a discussion about the student.
- **Remedial Classes** are conducted for the slow learners, absentees and the students who participate in Sports, NSS activities and Placement Interviews. This practice helps struggling learners to update their

subject knowledge and helps them to catch up with their peers.

2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety

Response:

Transparency initiatives at institute level:

- Basic eligibility for evaluation process is made known to students through notice boards and class counseling.
- Institute notifies evaluation process and related documentation on the notice board as well as on institute website. This includes distribution of marks and schedule of internal evaluation and university evaluation.
- Institute also notifies the criteria for allocation of term work marks through notices and class counseling.
- Continuous assessment report or MAT report for all the courses is displayed in notice board every month.
- Staff meetings are conducted periodically to review the evaluation process.
- Display all unit tests marks within a week after end of unit tests.
- Display term work marks at the end of each semester for students information
- Solving grievances of students if any.
- Two internal examiners are appointed for each subjects to evaluate final internal marks.
- At the end of each semester, The Principal or respective HODs verifies the internal marks for all the students.

2.5.3 Mechanism to deal with examination related grievances is transparent, time-bound and efficient

Response:

College level

- Department Level Grievance Redressal Committee and Institute Level Grievance Redressal Committee will look will after college level grievances related to academic and non-academic matters.
- Grievance redressed cell of the department helps the students to approach for general and personal grievances. After internal assessment, answer books are shown to all students. The internal marks of the students are then displayed on the notice board and e-mailed to parents to ensure transparency in evaluation.
- The Head of the department primarily redress all grievances about evaluation, including the internal assessment marks awarded to the students. In case of dissatisfaction, the same is put before

the Principal. The committee appointed by the principal looks after such grievances and redress the same.

- For the purpose of investigating unfair means resorted to by students at the College level, the Student Grievance Redressal Committee is appointed by the principal. The committee is constructed with senior faculty members.
- The Student Grievance Redressal Committee functions as a recommendatory body and submit its recommendations in the form of a report to the competent authority concerned, which issues final orders with regard to the penal action is taken against the students after taking into account the reported facts and findings of the case by the Committee and after ensuring whether reasonable opportunity has been given to the implicated student concerned in his/her defense, the principles of natural justice are followed and the recommended quantum of punishment is in accordance with the guidelines laid down in this behalf.

University level

- An aggrieved student who has the grievance(s) at university level shall make an application to the university through the principal of the college. The principal, after verifying the facts, shall forward it to the concerned section of the university. The university redress all such grievances within a reasonable time, preferably within fifteen days of the receipt of application.
- The application submitted by the aggrieved student shall be forwarded to the concerned section (Dy Registrar) viz. Academic grievance, administrative grievance etc. The university level committee is responsible to redress the matter.
- If the student is not satisfied with this decision, he/she can submit appeal to the higher authorities (Registrar/ VC) within a stipulated time. University level committee shall process grievance(s) submitted by the students within a stipulated period.

2.5.4 The institution adheres to the academic calendar for the conduct of CIE

Response:

The academic calendar is prepared by institute for undergraduate as well as postgraduate courses before commencement of every semester and consists of commencement of instructional activity, declaration of In Semester Examination (ISE) plans of department, mid-review of attendance and defaulter list, schedule of ISE examination and tentative schedule of End-semester examinations, review of performance of ISE, schedules of seminar, project work and PG dissertation work, end of instructional activity, declaration of ISE and test results. It is displayed on departmental notice boards. Subject loads are allocated to faculty members well before advance so that they could make the plans. Every faculty member prepares teaching plan for each theory and laboratory courses before the start of the semester. Academic calendar is the back bone of various teaching-learning plans prepared before start of every semester. Teaching plan includes Lecture number, Unit number, content of syllabus to be covered, methods of delivery, modern tool, papers referred, text book/reference book, website referred etc. Every department in the institute keeps an eye on the quality of the teaching learning by- daily monitoring of teaching learning activities by the head of the

department and respective class coordinator, continuous counseling through department meetings, students feedback on teaching- learning activity, brain storming in the meetings for different teaching strategies, In Semester Examinations having different modules, result analysis, The institute refers the academic calendar to adhere the planned curriculum and other activities.

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students

Response:

Course Outcomes:

FIRST YEAR B.TECH (ODD SEMESTER)

Course Code

Course Title

Course Outcomes

Theory

HU101

ENGLISH LANGUAGE & TECHNICAL COMMUNICATION

CO1: Students will learn the concept of impart advanced Technical Communication in English through Lab Practice Sessions to 1st Semester UG students of Engineering & Technology

CO2: Students will learn the concept of enable to communicate confidently and competently in English in all spheres.

PH101/PH201

Physics -I/ Physics-II

CO1: Student will learn the comprehension and application of simple harmonic motion, damped vibration and forced vibration.

CO2: Student will learn the comprehension, application and demonstration of interference, diffraction and polarization.

CO3: Student will learn the basic knowledge and application of LASER and Holography.

CO4: Student will learn the comprehension of evolution of modern physics.

CO5: Student will learn the elementary idea of crystal structure.

		characteristics and application of X-rays.	
M101	Mathematics – 1	CO1:- Students will get the concepts of Matrix and differentiation CO2:- Students will get the concepts of Mean Value Expansion of Functions CO3:- Students will get the concepts of Reduction form indefinite and definite integrals CO4:- Students will get the concepts of Calculus of Several Variables and Infinite Series CO5:- Students will get the concepts of Vector Algebra Calculus	
ES101	Basic Electrical & Electronic Engineering – I (Gr A + Gr B)	CO1:-Students will be able to identify semiconductor draw band-diagrams, distinguish between intrinsic semiconductors, n- and p- type semiconductors, calculate diffusion current components. CO2:-Students must be able to explain the junction p the phenomenon of rectification, draw the I-V characteristics identify operating points; Calculate ripple factors, power supplies. CO3:-Students will be able to draw and explain characteristics of BJTs – both input and output; transistors, both as amplifiers and switches; identify op	
ME101	Engg Mechanics	CO1:- Students will get the concepts of Mechanics in e CO2:- Students will get the concepts of Vector Algebra dimensional force system CO3:- Students will get the concepts of Equilibrium of dimensions CO4:- Students will get the concepts of Distributed For CO5:- Students will get the concepts of Introduction to CO6:- Students will get the concepts of Kinetics of par	

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Response:

Program Educational Objectives:

- Impart knowledge of mathematics, basic and applied sciences.
- Ability to identify, formulate and solve chemical engineering and its allied problems based on data interpretation, design, experiment and analysis of results
- Ability to work in teams on multi-disciplinary projects in industry and research organizations.
- Develop awareness of the ethical, professional and environmental implications of work in a global and societal context.
- Ability to self-learn modern engineering tools, techniques, skills and contemporary engineering practice, necessary for engineering work.

Program Outcomes:

- The students of Chemical Engineering will have the ability to apply the knowledge of mathematics, science, and engineering.
- Design and conduct experiments, as well as to analyze and interpret data.
- Design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
- Function on multidisciplinary teams.
- Identify, formulate and solve chemical industrial engineering problems.
- Understand professional and ethical responsibility
- Understand the impact of engineering solutions in a global, economic, environmental, and societal context.
- Recognize the need to engage in life-long learning
- Attain knowledge of contemporary issues.

Use the techniques, skills, and modern engineering tools necessary for engineering practice

Program Educational Objectives (PEO) of Electrical Engineering Dept.

PEO 1: To achieve successful careers in Electrical Engineering or other fields that requires technical and managerial knowledge.

PEO 2: To produce employable and entrepreneurial engineering graduates with academic excellence, positive attitude, good communication skills, enriched with moral character.

PEO 3: To pursue continuous professional development including advanced study and research in technical field.

PEO 4: To develop self confidence and leadership qualities within their field to serve the society for

multidisciplinary development.

PEO 5: To encourage participation in community development programs like Swatch Bharat, cleaning, Forestation etc.

Programme Outcomes (POs)

PO1: Will have an ability to apply knowledge of mathematics & basic science in Engineering systems.

PO2: Will have an ability to provide solution for Engineering problems by designing & conducting experiments, interpreting and analyzing data and reporting the results.

PO3: will have knowledge and exposure on different power electronic circuits and drives for industrial applications.

PO4: will have need for lifelong learning and effective communication.

PO5: will have in depth knowledge in transmission and distribution systems, power system analysis, data base management system, protection systems and renewable energy systems to pursue a career in the core and software management sector.

PO6: will have a good knowledge in microprocessor/microcontrollers

PO7: will be able to develop mathematical modeling, analysis and design of control systems.

PO8: will be able to experimentally carryout projects related to Engineering

PO9: will have an ability to participate as members in various professional bodies as well as multi disciplinary design teams.

PO10: will demonstrate the ability to choose and apply appropriate resource management techniques so as to optimally utilize the resources.

PO11: will be proficient in English language in both verbal & written form which will enable them to compete globally.

PO12: will have confidence to apply engineering solutions with professional, ethical and social responsibility.

2.6.3 Average pass percentage of Students

Response: 90.28

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 195

2.6.3.2 Total number of final year students who appeared for the examination conducted by the institution

Response: 216

File Description	Document
Institutional data in prescribed format	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.29

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years (INR in Lakhs)

Response: 4

3.1.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	4.0

File Description

Document

List of project and grant details

[View Document](#)

3.1.2 Percentage of teachers recognised as research guides at present

Response: 5.81

3.1.2.1 Number of teachers recognised as research guides

Response: 5

3.1.3 Number of research projects per teacher funded, by government and non-government agencies, during the last five year

Response: 0.06

3.1.3.1 Number of research projects funded by government and non-government agencies during the last five years

Response: 2

3.1.3.2 Number of full time teachers worked in the institution during the last 5 years

Response: 175

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Response:

The practice on every day basis of the listed Innovations transfer knowledge, expertise and creates exceptional awareness of taking activities in different ways are reflected and resulted in :-

1. Making students' time preparations for any and all examinations;
2. Making students ready for industry;
3. Making students ready for nurturing for frontier technologies;
4. Mentally preparing the students for Government jobs;
5. Making students to act as a Learning Centres.

Impart of the practices of Innovations is evident by whole-hearted acceptance by all the students, who are the main stakeholders of this Institute

INNOVATION PRACTICES IN DIATM ARE AS FOLLOWS:

- For Fresher's welcome an event named "Football for Fraternity & Friendship" (3F) was organized
- A scheme of Invited Lecture /Seminar by Professors /Delegates from outside Institution was organized on a regular basis
- Organizing of regular short term training courses courses/workshops have been organized in a structured way on a regular basis
- Introduction of online examination has been a regular feature of Internal examination
- Introduction of open book examination has been introduced for the first time
- Add- on –courses have been introduced for all the semesters
- Library classes have been made a regular feature of our semester routine
- Introduction of Monthly Assessment Test have been introduced from this semester onwards as a supplement for home assignment
- Introduction of preparation of IAS/IES/IPS/IFS government course has started in full swing

3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

Response: 44

3.2.2.1 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
14	13	5	4	8

File Description	Document
List of workshops/seminars during the last 5 years	View Document

3.3 Research Publications and Awards

3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research

Response: Yes

File Description	Document
Institutional data in prescribed format	View Document

3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards

Response: Yes

3.3.3 Number of Ph.D.s awarded per teacher during the last five years

Response: 2.8

3.3.3.1 How many Ph.Ds awarded within last five years

Response: 14

3.3.3.2 Number of teachers recognized as guides during the last five years

Response: 5

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document

3.3.4 Number of research papers per teacher in the Journals notified on UGC website during the last five years

Response: 1.52

3.3.4.1 Number of research papers in the Journals notified on UGC website during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
52	32	35	24	18

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document

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

Response: 0.82

3.3.5.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
33	19	8	15	12

File Description	Document
List books and chapters in edited volumes / books published	View Document

3.4 Extension Activities

3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

Response:

- Visiting schools in the neighbourhood during E – week on a regular basis and interacting with students who come from a rural background. Conducting seminar on entrepreneurship, quizzes and distributing gifts to the participants as well as special prizes for podium earners. Schools that were visited are Amlajora High School, Gopalpur High school to name a few.
- Students actively participated in blood donation camp organised in DIATM campus and collected blood was donated Thalassemia society.
- Students regularly visit orphanage home SISHU SADAN to conduct classes and volunteer as private teacher to teach subjects like English, Mathematics etc. During the 70th year Independence Day celebration, staff members along with student had taken the initiative of distributing these under privileged students with sports kits & special gifts for their achievement.
- Career Counselling is another aspect that has been taken up by the students along with faculty members where the young minds are informed about their options in their career and what options they have with their choice of subjects at present.
- Plantation of trees at regular intervals is another aspect that is done around the campus as well as in the neighbourhood by students so as to make people aware of the importance of trees in keeping the environment pollution free. (15th August 2015, 31st July 2017)

- Computer literacy programme has been undertaken by the faculty and student in the surrounding nine panchayat areas from the year 2007 onwards for educating rural women as well as men to get them hands on ready for panchayat (e-governance) work as and when required.
- Self-defence camps are organized by Sayan Mondal (3rd yr ME) have made students in the surrounding aware of the necessity of protecting oneself and to make the community aware of its importance
- Medical camp have been organized in association with doctors from Gouri Devi Institute of Medical Science & Hospital where free hearing aids and eye glasses are distributed to needy patients and local community people.

3.4.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

Response: 3

3.4.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2	0	1	0	0

File Description	Document
Number of awards for extension activities in last 5 years	View Document

3.4.3 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the last five years

Response: 5

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
3	2	0	0	0

File Description	Document
Number of extension and outreach programs conducted with industry, community etc for the last five years	View Document

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

Response: 7.77

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
100	110	100	90	100

File Description	Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document

3.5 Collaboration

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

Response: 97

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
35	18	12	18	14

File Description	Document
Number of Collaborative activities for research, faculty etc	View Document

3.5.2 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 3

3.5.2.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years (only functional MoUs with ongoing activities to be considered)

2017-18	2016-17	2015-16	2014-15	2013-14
2	1	0	0	0

File Description	Document
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.

Response:

The institute ensures the optimal utilization of available infrastructure by effective participatory planning. DIATM evolved a system for the optimal utilization of existing infrastructure resources. The institute has an excellent infrastructural physical facility which includes existing class rooms, laboratories, tutorial rooms and computing equipments etc.

Existing Buildings

Main building:

Sl no	Name of room	Number of Rooms	Area (Square meters)
1.	Class rooms	25	1970
2.	Tutorial room	4	148
3.	Laboratory	30	2217
4.	Computer Centre	1	167
5.	Seminar Hall	1	132
6.	ICT room	1	66

Mechanical Engineering Block:

Sl no	Name of room	Number of Rooms	Area(Square meters)
1.	Classroom	9	668
2.	Tutorial room	3	99
3.	Laboratory	12	1261
4.	Drawing Hall	1	235
5.	ICT Room	2	264
6.	Seminar room	1	132

Chemical Engineering Block:

Sl no	Name of room	Number of Rooms	Area(Square meters)
1.	Tutorial room	2	66
2.	Laboratory Room	9	935

Central Library & Workshop Building:

Sl no	Name of room	Number of Rooms	Area(Square meters)
1.	Auditorium	1	133
2.	Workshop	2	800
3.	Central Library	1	950

Other Buildings:

Sl no	Name of room	Number of Rooms	Area(Square meters)
1.	Guest House	1	817
2	Main Office (Foundation)	2	771.14
3	Boys Hostel-(K1)	1	3050
4	Boys Hostel-(K2)	1	3168
5	Girls Hostel-(Kaveri-1)	1	4554.50
6	Girls Hostel-(Kaveri-1)	1	4494.42

Computing Facilities

1.Computers:

Model	configuration	Quantity
Assembled	Intel Dual Core,2 GB RAM,160 GB HDD,15 INCH LCD MONITOR, KBD, MOUSE	125
Assembled	INTEL P4,1 GB RAM,80 GB HDD,15 INCH LCD MONITOR, KBD, MOUSE	50
Assembled	Intel I3,4 GB RAM,500 GB HDD,15 INCH LCD MONITOR, KBD, MOUSE	50
HP 450-010il	Intel Dual Core,2 GB RAM,160 GB HDD,15 INCH LCD MONITOR, KBD, MOUSE	2
HP 120-013in	Intel Dual Core,2 GB RAM,160 GB HDD,15 INCH LCD MONITOR, KBD, MOUSE	1
HP 450-010il	Intel Dual Core,2 GB RAM,160 GB HDD,15 INCH LCD MONITOR, KBD, MOUSE	1
HP 450-010il	Intel Dual Core,2 GB RAM,160 GB HDD,15 INCH LCD MONITOR, KBD, MOUSE	1
Assembled	Intel Dual Core,2 GB RAM,160 GB HDD,15 INCH LCD MONITOR, KBD, MOUSE	30
Assembled	Intel Dual Core,2 GB RAM,160 GB HDD,15 INCH LCD MONITOR, KBD, MOUSE	20
Assembled	Intel Dual Core,2 GB RAM,160 GB HDD,15 INCH LCD MONITOR, KBD, MOUSE	20
Assembled	Intel Dual Core,2 GB RAM,160 GB HDD,15 INCH LCD	20

	MONITOR, KBD, MOUSE	
Assembled	Intel Dual Core, 2 GB RAM, 160 GB HDD, 15 INCH LCD	20
	MONITOR, KBD, MOUSE	
Assembled	Intel I5, 4 GB RAM, 1 TB HDD, 15 INCH LCD	1
	MONITOR, KBD, MOUSE	
LENOVO LTOP 59-301878	Intel Dual Core, 2 GB RAM, 160 GB HDD, 15 INCH LCD	14
	MONITOR, KBD, MOUSE	
HP DT DX 2480	Intel Dual Core, 2 GB RAM, 160 GB HDD, 15 INCH LCD	20
	MONITOR, KBD, MOUSE	

1. Printers:

Model	Quantity
HP LASERJET M1136 MFP	1.
HP LASERJET 1020 PLUS	1.
HP LASERJET 1020	1
HP LASERJET 1018	2
HP LASERJET M1136 MFP	2
HP LASERJET 1020 PLUS	2
HP LASERJET M1136 MFP	2

© Software:

MICROSOFT	OPEN VALUE SUBSCRIPTION EDUCATION SOLUTION (CAMPUS AGREEMENT)	YEARLY SUBSCRIPTION
	Includes all microsoft product, unlimited users	29-12-2017 to 31-12-2018

4.1.2 The institution has adequate facilities for sports, games (indoor, outdoor), gymnasium, yoga centre etc., and cultural activities

Response:

Sports:

Institute has its own volleyball court, outdoor badminton court and two grounds for other games like

football, cricket, kho-kho etc.

Facility: All equipment and accessories required for students to take part in cricket, football, volleyball etc. are provided at the time of regular practice and tournaments. The Institute has qualified & experienced sports instructor to manage all sports activities.

Events: Annual Sports and Games are conducted every year by the college and students regularly participate in every discipline of sports. Students also participate in the sports events which are conducted by Maulana Abul Kalam Azad University of Technology (formerly known as West Bengal University of Technology). Institute is having its own cricket and football team and regularly practice in campus grounds. Girl student use to play kho-kho regularly and also participates in the in-house kho-kho tournament, which is conducted every year.

Outdoor & Indoor games:

Facilities are available for outdoor games such Foot Ball, Cricket, Volleyball, Badminton, , and indoor game like table tennis Chess and Carom etc.

Gymnasium:

The Institute is having its own Multi GYM Facilities inside the campus for both Boys and Girls students and also for the staff members.

Yoga: Yoga facility available for students, faculty and other staffs. International Yoga Day is celebrated every year. Mr. Sayan Mondal renowned National level Coach, is working as an Instructor for the Yoga practices.

Cultural activities:

Students and teachers of this institute regularly organize Fresher's Welcome, Annual Cultural and Tech Fest, Farewell Function, Debate Competition, Independence Day Celebration, Wall Magazine, teachers' day celebration, Re-union programmes, spiritual talk by Maharaj from Ramkrishna Mission, . The Institute also organizes Viswakarma & Saraswati Puja every year.

4.1.3 Percentage of classrooms and seminar halls with ICT - enabled facilities such as smart class, LMS, etc

Response: 1.87**4.1.3.1 Number of classrooms and seminar halls with ICT facilities****Response: 2**

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	View Document

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.**Response: 51.86****4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five years (INR in Lakhs)**

2017-18	2016-17	2015-16	2014-15	2013-14
230	643	580	2104	311

File Description	Document
Details of budget allocation, excluding salary during the last five years	View Document

4.2 Library as a Learning Resource**4.2.1 Library is automated using Integrated Library Management System (ILMS)****Response:**

LibSys (Version : Rel 6.0) had been in use since the very inception of the Institute. LibSys software is operating in part now. Since 2017, most suitable library automation system on date, KOHA library software is in use as it is used for circulation of books, cataloging, OPAC searching are usually done for maintaining the efficient monitoring of the Library. Other than that searches and regular updation is done through the software that is available in the library itself.

As the library is automated, it is run with minimal human resources. Students / Members of Faculty/ Staff use the software for due accessing & operation of the library. Due to the automation, it has been made possible to run the library on weekly holidays / off days with engagement of single person on rotation.

Library software is open for use in project purposes of the students too.

All staff members got trained in the available soft wares of the library.

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment

Response:

Number	Name of the book/manuscript	Name of the publisher	Name of the author	Number copies	of Year
1.	Countdown	Penguinbooks,India	Amitav Ghosh	1	199
2.	The Case for India	Strand Book Stall	Will Durant	1	200
3.	The President of India & The Gov. of HEI's	Universal Law Publishing	C Raj Kumar	1	201
4.	Sino Nigerian Development Relation & Issues	Atlantic Publishers	Abhirup Bhunia	1	201

4.2.3 Does the institution have the following:

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases

Response: C. Any 2 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc	View Document

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

Response: 0

4.2.4.1 Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	View Document

4.2.5 Availability of remote access to e-resources of the library

Response: Yes

4.2.6 Percentage per day usage of library by teachers and students

Response: 3.55

4.2.6.1 Average number of teachers and students using library per day over last one year

Response: 40

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

IT infrastructure of Durgapur Institute of Advanced Technology and Management (DIATM), consists of personal computers, high end computers (servers), printers, Network hardware, Internet connections, software and above all the human resources who actually manage all the things for proper functioning. Detailed information on these is given below.

- 1.Number of PCs: 350
- 2.Number of printers: 40
- 3.Number of servers: 6
- 4.Internet connection : 20Mbps(leased line)
- 5.Human resources: 3

- **Power backup:** Green Generator Set (Brushless AC Generator, 250 KVA, PHASE - THREE,200 KW, VOLT - 415 and Brushless Synchronous Generator 250 KVA, PHASE - THREE,200 KW, VOLT - 415). All the computers are connected either by individual UPS or online UPS.In addition to that we have street lightning through solar panel set up.
- **Computer-student ratio:** 1:1 (every student allotted a dedicated computer in their respective lab for their lab classes & project assignment).
- **Dedicated computing facility:** every faculty provided with dedicated computer as their

respective desk.

- **LAN facility:** All the computers at our campus are connected with LAN with internet facility.
- **Wifi facility:** Every building at our campus and all the campus hostels are having the WiFi facility.
- **Propriety software / Open source softwares:** Institute has all the necessary software for doing laboratory experiments as per the syllabus mentioned by the affiliated university..

System administrators along with two specialized IT persons use to provide service management in regular basis. Firewall policies are used for maintaining information security in the system. Users can get internet access through their own user Id and password. All the management at the user level and security level is done by our specialized hardware called UTM. Institute as a policy, maintains a regular infrastructure database of computers and other resources. Time to time, the old systems are replaced with systems with higher configuration. The principal, all Head of the Departments, Professors, have independent system each at their respective desks with internet connection. Beside this, every department is also given required number of computers with internet connections and printers for doing departmental academic and administrative jobs. Computers with internet connections and printers are also given to the principal's office, registrar office, administrative office, library, placement office and account section.

IT infrastructure is also provided for the following purposes:

1. Downloading NPTEL videos & audios by eminent lecturers from IIT, IISc etc.
2. Accessibility of the different journals and e-books in the library.
3. CDs and DVDs are available on various subjects in the library.
4. LCD projectors are available for power point presentation and online presentation.
5. Video conferencing facility.

4.3.2 Student - Computer ratio

Response: 161:58

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)

Response: 20-35 MBPS

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Response: No

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Response: 0

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

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Response:

Physical Facilities

The physical facilities including laboratory, classrooms, and computers are available to students who have taken admission in this college

The classroom boards and furniture facilities are available to the students and are used at times for conducting competitive exams organized by state government and central government bodies.

The college garden and ground is maintained by in-house gardeners appointed especially for this job.

The library is provided with LAN facility and the computers are uploaded with library software.

Electrical and plumbing related maintenance is done by in house people who work on a 24x7 hour basis.

Our Group D staffs help us to maintain the overall ambience of the college in a spick and span fashion

Sports

The sports department of the college is maintained by our sports officer along with our faculty members who help him out at the time of the mega event

“Sports generates a sense of competitiveness among students”..... to inculcate this spirit, sports has been

earmarked as one of the most important events in the calendar month of February every year. It is organised over a period of two days and the spirit of competition is exercised by the torchbearer who sets the event on a roll. The main courses of events are listed as below:

- 100m track race
- 200m track race
- 400 m track race
- 4x 100 m relay race
- Shot put
- Discuss throw
- Long Jump
- High Jump

Both boys and girls take part enthusiastically in this event. Kho kho was also organized for the girl team who exercised the flair of competition in these events. In this mega event there is also something in for the faculty members as they also get to compete in events like Ball Throw (lady faculty), Discuss Throw, Musical Chair, Flat Race etc.

Apart from this track and field meet other sporting events like Internal Cricket Tournament, Intercollegiate football tournament are also organized from time to time in a year.

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Response: 1.34

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
18	25	22	18	0

File Description

Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Document

[View Document](#)

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Response: 1.05

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	45	0	29

5.1.3 Number of capability enhancement and development schemes –

1. For competitive examinations
2. Career counselling
3. Soft skill development
4. Remedial coaching
5. Language lab
6. Bridge courses
7. Yoga and meditation
8. Personal Counselling

Response: B. Any 6 of the above

File Description	Document
Details of capability enhancement and development schemes	View Document

5.1.4 Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

Response: 4.6

5.1.4.1 Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
62	60	58	60	55

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years

Response: 22.17

5.1.5.1 Number of students attending VET year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
312	210	300	310	300

File Description	Document
Details of the students benefited by VET	View Document

5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

Response: Yes

File Description	Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 51.56

5.2.1.1 Number of outgoing students placed year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
136	256	207	211	161

File Description	Document
Details of student placement during the last five years	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch)

Response: 11.31

5.2.2.1 Number of outgoing students progressing to higher education

Response: 37

File Description	Document
Details of student progression to higher education	View Document

5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 53

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

2017-18	2016-17	2015-16	2014-15	2013-14
6	12	12	22	23

5.2.3.2 Number of students who have appeared for the exams year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
11	23	23	40	45

File Description	Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document

5.3 Student Participation and Activities

5.3.1 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) during the last five years.

Response: 0

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

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	View Document

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

College has a policy for active participation of the students in the various academic and administrative bodies including other activities. The Student Council constantly guides, supervise and reviews all the student activities to achieve the plan for overall development of the student community. Each council has a representative council, which is called Class Committee and includes student members. The student members bring forward the views and suggestions of the entire class with respect to the faculty, subjects, syllabus and other things related to the class. The composition of student members is of one topper, one average and one slow learner of each section are nominated as class representatives, for all the sections from 2nd Year to Final Year. The Student Council helps students share ideas, interests, and concerns with teachers and principal and frequently help raise funds for large activities, including social events, community projects, helping people in need and college improvement.

MEMBERS OF LAST ELECTED STUDENT COUNCIL 2017

POST	NAME OF STUDENT,YEAR,STREAM	MOBILE NO.
President	Sourav Mondal,ECE	7076201097
Member (Ex officio)	Ravi Shankar Mehta,CSE	9749434897
Vice President (Student)	Avishek Kashyap (CS/14/42)	7857992170
General Secretary	Sayan Mondal (ME/15/05)	7501625119
Treasurer	Rahul Kumar (ME/15/51)	9800204077
Assistant Treasurer	Avinava Sharma (IT/16/)	8969866728
Convenor	Soumita Mukherjee (IT/15/12)	7063623949
Assistant General Secretary(1)	Paulomi Mandal (CH/15/20)	7044373553
Assistant General Secretary(2)	Indranil Banerjee (IT/16/24)	7797543570
Assistant Cultural Secretary(1)	Swarnali Dutta (CS/15/02)	8621869992
Assistant Cultural Secretary(2)	Ujjwal kant (EE/15/06)	9635004814

Assistant Games & Sports Secretary(1)	Mirza Enayet Beg (EC/15/13)	9062440270	
Assistant Games & Sports Secretary(2)	Dipali Gupta (CS/15/48)	8945856859	
Assistant Secretary (Literary)	Sagnik Saha (EC/15/10)	7478530166	
Assistant Secretary (Club Coordination)(1)	Shams Dhar (CS/16/27)	8697816766	
Assistant Secretary (club Coordination) (2)	Ashish Raj (EE/16/16)	7283048103	

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

Response: 5.4

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
7	5	5	5	5

File Description	Document
Number of sports and cultural activities / competitions organised per year	View Document

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Response:

The college has an alumni association named Durgapur Institute of Advanced Technology and Management Alumni Association. It takes steps to promote and foster mutually beneficial interaction

between the alumni, current students and authorities. The institute regularly interacts with the alumni association and through it also organizes alumni meet once in a year and collects the working addresses of the alumni (employers) through the feedback given by the alumni. Many alumni are employed as faculty and support staff in the college. They play an important role in academic and institutional development and conduct orientation and training programs for students on various topics to enhance their skills. The alumni association create awareness among students about the scope of their subject in the professional world and provides job opportunities to fresh pass out through references of professionals.

5.4.2 Alumni contribution during the last five years(INR in Lakhs)

Response: ? 5 Lakhs

File Description	Document
Alumni association audited statements	View Document

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

Response: 4

5.4.3.1 Number of Alumni Association /Chapters meetings held year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	1	1	1	1

File Description	Document
Number of Alumni Association / Chapters meetings conducted during the last five years	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution

Response:

An Academic council has been formed comprising of respective departmental HOD members and senior faculty members of our institute. They work in tandem with the BOG committee in order to maintain the quality of education of the Institute at par excellence. Regular meetings are conducted by the BOG committee (bi-yearly) and results of each of the department are analysed and quality of education recommendation/analysis is provided by respective HOD's of each department

BOG committee meeting addresses the issues that are pertaining to the well-being and quality improvement issues of the Institute. The basic issues addressed by regular BOG committee meetings are placement and intake capacity and how it can be improved.

A very important aspect of BOG meeting is ATR (Action Taken Report) in respect of the last meeting which overlooks whether all the pending issues related to the quality of education, recruitment of faculty members, list of publications, departmental budget, proposal for NAAC/NBA has been attended to or not.

The main objective of ATR is to overlook whether adequate faculty members are there to impart quality education in the Institute, what procedure needs to be followed to check the quality improvement status.

The other objective of ATR is to keep an eye on the result aspects of students as that reflects the condition of academic environment in total. A thorough analysis of students of each branch of engineering is done so as to judge whether all the students are making progress in the right direction or not. Another issue pertaining to the quality of education is the number of qualified gate candidates from our institute and students opting for higher education.

Other issues addressed by the BOG are departmental budget and AMC facility renewal for smooth running of the labs which are an integral part of our institute. Relocation of library building from the DIATM Main building to central library building was also addressed on subsequent meetings and an auditorium planning on the top of central library for temporary basis was also taken up. Due to budget constraint a permanent auditorium was proposed to be built on a later date in the campus.

Other issues taken up were Entrepreneurship Cell Grant and how an inculcation of the spirit of an entrepreneur can be imbibed amongst the students so that they can start a business/venture of their own after passing out of the college. A fund of Rs 4, 00,000 was received from AICTE on account of setting up of an Entrepreneurship Development Cell and the rest were utilized for conducting workshop, seminars and entrepreneurship classes.

Teachers are an integral part of the decision making body as all the instructions and recommendations received from the Board of Governors, Advisory Committee and the Principal of College are carried out

through the work of the Head of Departments and Faculty members of respective departments

The directed leadership is to produce the engineers in a holistic approach of 6E -- Education, Entrepreneurship, Employability, Ethics, Equity and Environment.

6.1.2 The institution practices decentralization and participative management

Response:

The process of decentralization practiced by all the departments of DIATM is that the departments have the liberty of

i) Preparing their own routines (Department wise) and then a common routine is worked out at the behest of the first year students (Ist semester and IInd semester) where all the departments pitch in to complete their part of the job in hand. All the departments have either one or two subjects in the common routine of (Ist semester and IInd semester) 1st year students.

ii) Distribute the teaching assignment to faculty members as per their specialization

iii) Decide the schedule of class tests and quizzes as per the class's requirement.

iv) Frame question paper for internal assessment examinations (Internal I and Internal II)

v) The schedule of university practical examinations is prepared by the Institution as per the guidelines provided by the university. Internal assessments as well as external assessment dates are also decided by the Institute.

vi) Seminars are organized by the departments on a regular basis and each dept. has the onus of organizing one seminar at least in each semester.

NSS head officer is appointed by the Head of the Institution and the duly formed committee enjoys the autonomy of conducting different social activities from time to time.

The College indeed promotes a culture of participative management which is evident from the composition of Entrepreneurship Development Cell members

The Principal or Head of the Institution has been appointed as the 'Co-ordinator ' by AICTE so as to overlook the activities of the cell. The Dean of academics was appointed as the Co-coordinator of the cell. Senior faculty from EE Dept was appointed as the Treasurer of the Committee of the Cell and other two faculty members from CHE and ASHU dept was appointed as senior faculty coordinators. The account of the CELL was duly maintained by the members of the committee and an account was opened in Bank of India Rajbandh branch for this purpose where the coordinator and co-coordinator were the chief signing authority members. The Management of the college have given due recognition to the cell and duly audited reports are sent to the AICTE on a regular basis.

Another account has been opened for the student e-faculty members whereby they operate this account on

a regular basis to meet their day to day expenses. The signing authority for this account has been duly entrusted to senior faculty members who overlooks the kind of engagement and takes into account the expenses borne on college activity from time to time.

The independent working of this cell points out to the participative management theory that this college management follows and the nature and type of social and entrepreneurial activity that this college wants its students to pursue.

Annual meetings are held by this cell so as to ensure that the objectives of the cell are met in the near future and inputs from the honorary members are taken from time to time.

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Response:

BOG committee meeting (24th and 25th) drew a conclusion that departments needs to have a zone specified to carry out their work and keep a tab on the students and faculty members so that the work could be carried out smoothly by them.

The departments identified were i) Mechanical ii) Chemical iii) Electrical

Chemical Engineering Dept already had a standalone building which instituted all the laboratories, workshop, drawing lab and Autocad lab and the need of the hour was specified class rooms for each and every year. In this regard extension of the Chemical Building was decided to be completed on a priority basis by the induction of the next building beside it. The plan behind this step was to make the dept independent of the facilities provided from the external department.

Mechanical Engineering department: With the increase in intake of students of Mechanical Engineering branch going up to 120 in the YR 2015 it was decided to shift the branch to a completely new building where they could incorporate all their labs under the same roof. The workshop was shifted to the ground floor of Central Library building and it not only served the Mechanical Engineering students but to all the other branches of Engineering too.

Electrical engineering department had the luxury of enjoying the North West corner of the ground floor of DIATM main building where they have their laboratories and classrooms in one zone. The department's computer labs are in the 1st floor along with the other department's computer lab

6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

Response:

The service rules of Durgapur Institute of Advanced Technology & Management (Rahul Foundation) can be categorized under the following heads

1.COMMENCEMENT AND APPLICATION :

2. DEFINITION

3.ENTRY INTO ORGANISATION

4. SELECTION PROCEDURE

5.PROBATION, CONFIRMATION AND INCREMENT

6. LEAVE RULES

6.1 CASUAL LEAVE

6.2 EARNED LEAVE

6.3 VACATION

6.4 MEDICAL LEAVE

6.5 SPECIAL LEAVE

6.6 MATERNITY LEAVE

7. PERFORMANCE APPRAISAL SYSTEM

8. ATTENDANCE AND PUNCTUALITY

9. ABSENCE FROM PLACE OF WORK

10.MISCONDUCT

11.PENALTIES

i)MINOR PENALTIES

ii)MAJOR PENALTIES

12 AUTHORITY COMPETENT TO IMPOSE PENALTIES

13.PROCEDURE FOR IMPOSING MAJOR ENALTIES

14.PROCEDURE FOR IMPOSING MINOR PENALTIES

15. APPEALS

16. TA/DA FOR OUTSTATION DUTY

17. PAPER PRESENTATION AT NATIONAL /INTERNATIONAL

18. CODE OF CONDUCT

19. CRITICISM OF THE INSTITUTE

20. UNAUTHORISED COMMUNICATION OF INFORMATION

6.2.3 Implementation of e-governance in areas of operation

- 1.Planning and Development
- 2.Administration
- 3.Finance and Accounts
- 4.Student Admission and Support
- 5.Examination

Response: B. Any 4 of the above

File Description	Document
Details of implementation of e-governance in areas of operation Planning and Development,Administration etc	View Document

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions

Response:

Adhering the Minutes of The Governing Body meetings and the suggestions prescribed by the honourable board, DIATM Academics had implemented Training schedules in their curriculum related to students Soft skills & Aptitude development.

Almost from 5th Sem. students are taken care of their lacunas in soft skill and aptitude classes.

The classes are organised in a prescribed syllabus designed by the concerned Trainer in discussion with the academic authorities.

Grooming, Soft Skills & Communication:

Objective: To infuse self-belief and get them stress-free while speaking in public and obtain the MFR (Minimum Fluency Required)

Training Technique - In the classes LRWS (Listen, Read, Write & Speak) Technique of teaching is followed along with games & simulations.

Listening Skills: is developed where the students are made to listen to a passage and has to answer the questions related instantaneously. Also they are to para phrase the passage in groups.

Reading Skills: is developed by making them know the scanning of a sentence followed by the proper usage and pause of punctuation marks. Emphasis is also given on their voice modulation & intonation techniques.

Writing Skills: Students are made to write letters, e-mail, passage right from Sem. 1 and the said is corrected by the concern teachers. Grammar is taught in the form of Quiz and digital methods like App. Test and On- line tests are conducted to acquaint the students with the basic rules of grammar.

Speaking Skills: Extempore followed by Group Discussion and Group Presentation is also conducted for the same along with other corporate games.

Aptitude Classes:

As mentioned aptitude classes are also in adherence to a specific syllabus. We have prepared our on-line aptitude questions which we make our students practice

As communication is one of the most important skill sets for a company to hire a prospective employee the BOG of DIATM has placed a special emphasis on Grooming classes to be conducted for all the students of DIATM. In this endeavour the BOG has decided that both external and internal faculty members would be utilized in order to achieve this goal. Internal faculty members would be given the job of training the Ist year and IInd year students while professional teachers (part time) would have the onus of grooming the 3rd year and 4th year students and make them job ready.

The purpose of grooming classes as foreseen by the BOG committee is to start training the students from Semester I as many of the students come from a rural background (Native Bengal, Bihar and Jharkhand) where they had taken up English as a subject paper only.

Other than that NPTEL online courses offered by the Institute in partnership with IIT-KGP do act as a supplement for students who get to learn more about the subject apart from their regular coursework. Students have found the course useful as it has helped them to climb a notch higher than what they learn from the regular studies that they do under the MAKAUT coursework.

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

Response:

The following are the welfare schemes available for teaching and non-teaching staff:

Maternity Leave: 90 Days

Medical Leave / Casual Leave / Earn leave: 10 Days/ 12Days/ 10 Days.

Compensatory Leave facility are applicable.

Provident Fund: 12% of Basic with a cap Rs. 1800 / month.

i) Facilitation of faculty participation in seminar, workshop, Faculty Development Programme(FDP) for professional development, organized by the College as well as external agencies, through providing leave and financial support.

ii) Organizing periodic matches, sports and cultural activities in which all staff can participate.

iii) Canteen facilities for students and staff for breakfast, lunch etc.

iv) Annual picnic is arranged for staff members and their families.

v) Medical facility is extended to the staff members and their families at a discounted rate at medical college and hospital within the campus.

vi) Limited number of quarter facilities is available within the campus.

vii) The campus has complete banking facility.

viii) Special leave is sanctioned in case of casualty of parent.

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

Response: 0

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

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Details of teachers provided with financial support to attend conferences, workshops etc during the last five years	View Document

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 0.8

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2	1	1	0	0

File Description	Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	View Document

6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years

Response: 8.54

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
28	4	2	2	3

File Description	Document
Details of teachers attending professional development programs during the last five years	View Document

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

Every year self-appraisal format issued to all faculty members through HOD's of respective department.

After receiving the self-appraisal from faculty members respective HOD's written their comments and views after discussing with his faculty members. He then submits it to the Principal for review

Teaching responsibilities include planning and preparation, teaching techniques, classroom management, classroom environment, curriculum knowledge, and student assessment.

Extensive responsibilities include contribution to curriculum leadership, wider planning, college goals, effective operation of the college as a whole, pastoral activities and student counselling, and community relationships.

Management responsibilities include planning, decision-making, reporting, professional leadership, and resource management.

Review process- Teacher appraisal results are used to determine whether teachers meet the performance expectations set out in the written statement developed by the appraiser and the teacher at the beginning of the period for which the performance expectations apply. At the end of the performance period, the appraiser provides the appraised teacher with feedback on the areas in which he/she has done well as well as on areas where improvements are needed. If performance shortfalls have been identified, then professional development opportunities can be implemented to redress these issues. Teacher appraisal results are used to determine recommendations.

Appraisal results are also used to guide progression on the salary scale. Satisfactory teacher appraisal results lead to further progression. The individual collective agreements contain sections that deal with serious competence issues that may be identified during the appraisal period. These provisions promote an approach where teachers are informed of any serious performance shortfalls as early as possible. An appropriate assistance and guidance programme is made and a teacher is normally given time to remedy matters of concern. At the end of this period an assessment is made to redress that the concerns have been resolved. If the problems causing concern are not resolved by the end of this period, then further course of action is taken.

Self-appraisal system and performance appraisal system of Technical assistants

In a similar manner Technical assistants also have to submit their self-appraisal for review by teacher and HOD's

In his self-appraisal report he/she has to write the following

Contribution towards training, research assistance, publications and seminars attended, contribution towards non-teaching activities, service rendered to other organizations and institutions as per requirement

.Further he has to write what he wants to do for improvement

HOD will then comment on the following:

Interest shown in the work assigned to him, Sense of responsibility, Quality maintenance of lab, Contribution towards lab assistance and extra non-academic activities

After the remarks are obtained from HOD the remarks are given by Principal /Director and Chairman

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

- 1.As a process of continuous monitoring and accountability, Institute conducts internal audits of all the books of accounts, inventories, stores & spares on monthly basis by the duly appointed internal audit team. The surprise check & balance of all centres, departments & units are also made by the same team. Appropriate & necessary actions taken by the management as per guideline suggested by the Internal Audit Team. External audits of the Institute is conducted by the appointed chartered accountant at the end of the every financial year. Based on the feedback received from the audit team, corrective measures are undertaken as well as follow up actions are monitored on regular basis towards transparency & efficiency. However, Institute submit PF accounts / IT returns as mandatory obligation. This being an Institute under private sector, the main source of resource mobilization is Students' tuition fee. Collection of fees are duly controlled in each semester before filling up of end semester examination form. Other sources of resource mobilization are mainly organization of training courses and a limited amount of grant received under Government sponsored projects. As a rule the mobilization is obvious for these cases.

6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III) (INR in Lakhs)

Response: 0

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropists year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

1. Institute uses to draw budget for inflows and outflows considering all aspects including up-gradation, development, expansion. It keeps track record & all inflows received from debtors, corpus and outflows towards capital expenditure, Payments and recurring expenditure. All inflows and outflows are reconciled with the budget and if found any deviation, brought into the notice of management for taking appropriate steps. This practice help us to mobilise and utilise the funds at optimum level.

Optimum utilization is regulated by :

1. utilisation record;
- ii) need-based requirement;
- iii) resource-sharing;
- iv) load-sharing
- v) cost control & cutting mechanism.

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

Response:

Based on the Parent's feedback available to ATR and subsequent IQAC these are the initiatives taken for quality assurance strategies and process:

1. Parents are satisfied with the syllabus completion. So there is no scope for betterment in this particular aspect.
2. Parents have also agreed to the necessity of modification of the syllabus. It is proposed to be changed from 2018.
3. Regarding the depth of the course parents and students are partly satisfied and they have suggested for reducing the syllabus contents and to make it more industry oriented.
4. Parents have also agreed to the need of effort of their wards to cope-up with the syllabus and they

have also commented that hard work should be done by the students .Concept clearing exercise should be conducted by students from time to time on a priority basis.

5. Both students and parents have also agreed to the requirement of new syllabus which are relevant with the industry so that the students can join as a trained and knowledgeable employee.
6. Parents have also suggested that the faculty members should take the extra classes for the students to overcome these loop-holes.

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms

Response:

Give two examples of institutional reviews and implementation of teaching learning reforms facilitated by the IQAC

1. The courses for each semester for all branches are to be revised.

Recent advanced technological topic should be included omitting old topics or technologies.

2. The syllabus should be relevant to the present days of application and real life situation.

The depth of the course is too high for which the available time is not sufficient to complete the course. So the course material is required to be reduced and teaching learning process to be minimized and the practical and practice session to be introduced

IQAC suggests to complete the syllabus for the sake of the students, thrust to be given in the topics which are relevant to the present days

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Response: 0

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	View Document

6.5.4 Quality assurance initiatives of the institution include:

- 1.Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements**
- 2.Academic Administrative Audit (AAA) and initiation of follow up action**
- 3.Participation in NIRF**
- 4.ISO Certification**
- 5.NBA or any other quality audit**

Response: D. Any 1 of the above

File Description	Document
Details of Quality assurance initiatives of the institution	View Document

6.5.5 Incremental improvements made during the preceding five years (in case of first cycle) Post accreditation quality initiatives (second and subsequent cycles)**Response:**

Incremental improvements made in the preceding five years through ATR and the newly setup IQAC committees are listed as follow.

Extra classes for the students are extremely important. It is the primary responsible of the teacher to complete the syllabus in due course of time. If not completed they should take extra classes to complete the syllabus. Meanwhile, the department should ensure the regular presence of students. Otherwise the needy students will not get the opportunity and advantages of extra classes.

Tutorial class helps the students to rectify the doubts and to enrich knowledge. It is not only helping in appearing the college exam but helps in appearing interviews, competitive exam, GATE etc. So departmental Heads should look into the aspects of tutorial classes that are being taken by the subject teachers.

Industrial training is being undertaken by the students of 3rd year during summer vacation as a part fulfilment of B.Tech degree that are organized by T & P department every year. Besides, the students are personally undertaking In-Plant training even in 2nd year and 3rd year (5th Sem) and Final year. Departments are also organizing the industrial visit but the frequency is not noticeable. We suggest the industrial visit for students should be at least once in year for each department.

IQAC have also suggested that to cope up with the advancement in technology and culture of the present industries, the Institute should invite the renowned Industrial Persons in regular basis to address to the students that will help them to get confidence and also acquire real practical knowledge which will help them to take the challenge when they join the Industry or Organization

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Response: 5

7.1.1.1 Number of gender equity promotion programs organized by the institution year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
3	2	0	0	0

File Description	Document
List of gender equity promotion programs organized by the institution	View Document

7.1.2

1. Institution shows gender sensitivity in providing facilities such as:

1. Safety and Security
2. Counselling
3. Common Room

Response:

Safety and security of the students and faculty members have been given the utmost priority in this institute. Separate hostel arrangements for boys and girls have been made in this institute. Kaveri Girls hostel is just adjacent to the Main Building and is located on the left hand side of the administrative building. A lady security guard is placed in the hostel (24x7) for the safety of the students and no student (girl) is allowed to venture out of the hostel before 9 A.M and after 6 P.M in the evening time. Regular roll calls are taken to ensure the safety of the students and no girl student are allowed to leave the college premises without the knowledge of their parents. Apart from the lady security guard the college has other security guards posted on the main gates who makes sure that the students have adequate permission granted to leave the college premises. Even when the girl students enter the college premises they do enter their name in the login register to ensure that they have a record that the students are back in the college premises.

Counselling is done by Wardens and Supers who are stationed in the hostel on a 24X7 hour basis. To ensure safety and security of the students counselling is done by these people as and when required. The wardens accompany the first year students to the hospitals and banking facilities available on campus as and when required for the safety of the students. On weekends bus facilities are provided to the girl

students who can travel to the city centre and come back on a stipulated time in exchange for a small subscription which ensures the safety of the students.

Common room facilities are provided to students in both the boys hostel as well as the girls hostel. Table tennis, carrom and other game facilities are provided to the students in the hostel. In the boys hostel a 24X7 inhouse library facility has been provided to the students in where they can study all-night before the internal or semester exam.

Inhouse medical college and hospital do indeed provide the health safety and medical attention that is required by the students on a priority basis. Student care is provided by inhouse medical care facilities on a subsidized rate. Several canteens have sprawled up on this 1.03 acre campus which cater to the food requirement and safety eating habits of the students

7.1.3 Alternate Energy initiatives such as:

1. Percentage of annual power requirement of the Institution met by the renewable energy sources

Response: 0

7.1.3.1 Annual power requirement met by the renewable energy sources (in KWH)

7.1.3.2 Total annual power requirement (in KWH)

Response: 130

File Description	Document
Details of power requirement of the Institution met by renewable energy sources	View Document

7.1.4 Percentage of annual lighting power requirements met through LED bulbs

Response: 10

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Response: 10

7.1.4.2 Annual lighting power requirement (in KWH)

Response: 100

File Description	Document
Details of lighting power requirements met through LED bulbs	View Document

7.1.5 Waste Management steps including:

- Solid waste management
- Liquid waste management
- E-waste management

Response:**Composting of waste food obtained from various sources of Durgapur Institute of Advanced Technology and Management (D.I.A.T.M) :**

. Every habitation produces a considerable amount of biodegradable waste that is discarded via dumping at various sites, in landfills, being burnt or is dumped in the river systems. India is no exception - the water ways are polluted with plants, food wastes and so on – contributes to unsightly land pollution. Vermicomposting is the best solution to getting rid of these biodegradable waste materials. Composting of waste food obtained from different sources of the educational institute was performed. Final compost yields were at least 30%. This represents a huge decrease in compost volume. Therefore, vermiculture is an efficient method to reduce biodegradable solid waste. By using earthworms, waste is rapidly turned into vermicompost. Vermicompost has higher microorganism content and the activities of microorganisms (*Actinomycetes*, *Azotobacter*, *Nitrobacter*, *Nitrosomonas* and *Aspergillus*) is responsible for enhanced plant productivity much more than would be possible from the mere conversion of mineral nutrients into more plant available forms. Also, during this period, there is a reduction of Gram negative cocci bacteria and corresponding increase in Gram positive bacilli as time progresses towards the maturity of the vermicompost in all three compost samples. This would indicate a healthier finished product that is highly beneficial to plant growth.

Vermicompost tanks made from hollow blocks (5 m x 4 m x 3 m each) has been used as the set up units for vermicomposting. In each unit, there were added a bottom layer of crushed stones (4 cm) followed by a layer of white sand (4 cm) followed layer of loamy soil (4 cm). These layers were moistened but not completely soaked. A layer of grass has then be placed over the foundation followed by cattle dung. This was repeated until the height reached 1 metre. In each container approximately 60 locally collected species of earthworm, *Eisenia foetida*, has be placed. These units were then sprinkled with water to keep the contents moist so that the earthworms would have a suitable habitat to live and multiply. Tanks are to be covered so as to prevent direct sunlight unto the compost. Watering has been done every three to four days as needed to maintain the compost in a moist but not wet state. Tanks are to be covered so as to prevent direct sunlight unto the compost. Watering has been done every three to four days as needed to maintain the compost in a moist but not wet state. After about 40 days the composts has been harvested from each unit.

7.1.6 Rain water harvesting structures and utilization in the campus

Response:

Nowadays existing water shortage is a big issue in our daily life. Rain Water harvesting tank is a very economical and smart way to collect the rain water, store it and screening further to use for toilet flushing, bathroom and other purposes. In monsoon season when there some water crisis arises at the college building, this tank will be there for help.

This Rain water harvesting tank consists two chambers. One is for collecting purpose and other on is for screening and disinfectant purpose.

The collecting chamber is open at top with a detachable cover (Not covered in monsoon only) and has capacity of 10,000 lit, it's an elevated tank from the roof top surface; Which is connected by a pipe line with the screening chamber. The water flow from the collecting tank to the screening tank is controlled by sluice valve.

The screening chamber is a closed at top with a cover to protect it from breeding mosquitoes or any debris; constructed at the roof top level. The screening chamber is 70 % filled in four equal layers of 20-40mm stone at the top layer ,below this layer coarse sand mixed with bleaching powder or Potassium Permanganate (for disinfection) , below this layer pea gravel layer and at the bottom most layer is having 20-40mm stone layer is given. The other 30% layer is unfilled and the layer division is made by a porous plate having 10mm dia holes in that plate. 30% of chamber is free for collecting disinfected and fresh rain water. A pipe line at bottom surface level, is connected which is further connected with the distribution system for water supply to the entire college building. The pipe line should be provided with air valve.

7.1.7 Green Practices

- **Students, staff using**
 - a) **Bicycles**
 - b) **Public Transport**
 - c) **Pedestrian friendly roads**
- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

Response:

- Students, staff using Bicycles Public Transport Pedestrian Friendly Roads
- Plastic free campus
- Paperless office
- Green landscaping with trees and plants

Green practices:

The college has given importance to the growth of eco-friendly atmosphere in the campus. To create a

sustainable, eco-friendly campus, the college along with the students and faculty members are working together to make an impact on the environment and go green campus. The college also has taken special initiatives to instil environmental awareness among the students. The campus is filled with greenery with conscious efforts and various actions adopted by the college to retain campus green and clean.

Plantation:

- In the college campus around 2000 trees have already been planted and are being maintained.
- Well-trained gardeners daily maintain the plantation within the Campus.
- Regular plantation of new types of trees and plants to enhance beautification.
- To create awareness on the importance of tree plantation, every year the college conducts plantation activity with the help of students.
- To create environmental quality awareness, various activities are organized by Entrepreneurship development cell of the college.
- Students are encouraged to participate in competitions related to renewable energy usage, green campus etc.

Efforts for Carbon Sequestration:

- It is widely known that automobile emissions are a significant contributor to pollution. So College provides bus and sumo facilities to the faculties and staff with an aim to avoid the use of individual vehicles and thus reducing the carbon emission.
- Cycling is an eco-friendly way of living. The use of bicycle by the students and college staff helps to sustain the distinctive green environment of the college.
- The existence of pedestrian friendly streets inside and outside of the campus provides some incentive for students and staffs to walk rather than drive.

Paperless office:

The college promotes paperless academic and administrative functioning. Some of the examples are –.

- Online internal result display.
- Online Students' feedback for teaching-learning process.
- Circulation of notices via e-mail.
- Both the teachers and students take advantage of technology to reduce paper usage by converting notes, assignments, project reports and other papers into digital form.

Plastic free campus:

- Campus sustainability efforts are adopted by the college that aims to measurably reduce plastic

pollution and its toxic impacts on people and the environment of college campus.

- A special focus is given by the college on the reduction and ultimately the elimination of plastic bottles, plastic straws and utensils, and plastic food packaging.
- College is working to reduce plastic footprint by replacing the plastic tea cups and glasses by paper products.
- Students are asked to use reusable water bottles and fill up daily from the drinking fountains on campus.
- To create a more sustainable campus students are encouraged to use things that are biodegradable and to recycle things as much as they can.

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

Response: 0

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year-wise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Details of expenditure on green initiatives and waste management during the last five years	View Document

7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:

1. Physical facilities
2. Provision for lift
3. Ramp / Rails
4. Braille Software/facilities
5. Rest Rooms
6. Scribes for examination
7. Special skill development for differently abled students
8. Any other similar facility (Specify)

Response: E. None of the above

File Description	Document
Resources available in the institution for Divyangjan	View Document

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years

Response: 12

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
3	2	2	2	3

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	View Document

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

Response: 12

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
3	2	2	2	3

7.1.12

Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal / Officials and support staff

Response: No

7.1.13 Display of core values in the institution and on its website

Response: Yes

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations**Response:** Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	View Document

7.1.15 The institution offers a course on Human Values and professional ethics**Response:** Yes**7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions****Response:** No**7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years****Response:** 23

7.1.17.1 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
7	4	4	4	4

File Description	Document
List of activities conducted for promotion of universal values	View Document

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities**Response:**

Institution organizes national festivals and birth/death anniversaries of the great Indian personalities

1. Institution celebrates Swami Vivekananda Jayanti on 12 Jan, 2018
2. Institution celebrates Republic Day and Independence Day every year
3. Institution celebrates Rabindra Jayanti every year
4. Institution celebrates Dr. Sarvapalli Radhakrishnan Birth Anniversary as Teacher's Day on every 05th September
5. Wall magazine publication of eminent scientists as Megnad Saha and J.C. Bose are done on 6th October and 3th November respectively

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

Response:

Transparency in academic and administrative functions

The Institute is governed by the principle of participation and transparency in both its academic and administrative units. The overall quality of management is improved by the formulation of a coherent plan by aligning both the academic and administrative unit. Human resource management and effective leadership values are not only the key ingredient for achieving the vision, mission and goals of the institution but also in building the culture of the organization. In order to achieve the vision of the organization it is important for every decision to percolate to the lowest rung of the institute so that a participative decision making culture can be ensured.

Transparency in financial functions

The Institute has its own strategy management for mobilizing resources and ensuring transparency in financial dealings of the Institute. Mobilization of resources, budgeting as well as optimum utilization of finance are the key issues handled by financial management. Effective and efficient use of financial resources is done through proper planning and allocation of financial resources. Budget is approved through BOG meeting and various heads of the budget include the departmental cost and requirement expenditure, staff cost based on manpower plan, student and faculty related expenses, event expenses and infrastructure related expenses. To ensure transparency and effective management feedback from the stakeholders is taken on a regular basis.

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Response:

1. **Title of the Practice:-** Innovation in Teaching & Learning Method

a) For students

b) For faculty and staff members

1.Objectives of the practice: The objective of this methodology is to believe in the evolution of teaching and learning method and what is the best method of reaching out to the students.

1.The Context: - Instead of emphasising on teaching methodology the paradigm shift is to move to learning methodology whereby a student will be conducting classes for his own class after being taught by the assigned faculty for the particular designated course.

1. The Practice: - The process will enable the student to gain confidence and that will help the faculty member to understand whether he has been able to reach out to that particular student or not. Apart from that the faculty will be able to judge the student as to whether he has got the right understanding of the material or not.

2.Student Centric learning

To provide professional excellence in technical education, the college emphasizes on Student Centric learning .College provides a wide variety of educational programs, learning experiences, instructional approach, and academic support strategies that are intended to address the distinct leaning needs, interest, aspirations or cultural backgrounds of individual students and groups of students. To ensure effective higher education college provides a learning approach that is characterised by innovative methods of teaching which aim to promote learning in communication with teachers to encourage students to take active role in their own learning and foster transferable skills such as problem-solving, critical thinking, and reflective thinking.

- Active Learning:

Promoting active learning by teachers in their lectures has many benefits for both the slow learner and active learner students. Teachers allow students to clarify their doubts and ask relevant questions based on their ideas. Active learning promotes recall and deeper understanding of material. Students are divided in groups by the teachers to engage with the content rather than simply listening to .Teachers make the groups of the fast learners and slow learners and of many types in classrooms to maintain student concentration and deepens learning towards the higher-level skills like critical thinking.

- Conceptual learning:

Intense mastery of relevant concepts and phenomena generates a necessary base for the acquisition of knowledge and understanding in engineering subjects. Conceptual learning also provides the requisite skills for good problem solving. To explain difficult technical concept to students teachers use ADEPT approach that follows the Use an Analogy, Diagram, Example, Plain-English description, and then a Technical description.

- Experiential learning :

Engineering students are required to learn a variety of theoretical concepts throughout their education. With a hands-on teaching strategy, teachers ensure students are more engaged and retain their comprehension long after a concept's introduction. The College provides well equipped labs that help to enlarge students' technical competence and prepares them for their future careers. Experiential Learning Programs are also organised by college to help students develop professionalism by connecting the classroom to the real world.

- Project-based learning:

Project based learning is mostly used for self-learning to improve the learning ability of student and to reinforce knowledge received during the lecture. Being a technical institute, this method is extensively used to provide practical evidence of the theory learned. Students are asked to prepare projects with a clear concept of the principles learned. The teacher guides the students at various stages of developing the project, further gives timely inputs during the preparation of the project work.

- Technical Presentation Method :

Students are encouraged to involve into self learning. Student is advised to come prepared on an assigned topic and present a seminar before the faculty and students. This method makes the student undertake extensive reading and preparation which in turn helps in improving the student's communication as well as presentation skills.

- E-learning :

Every department has a Smart class to use all interactive modules like videos and presentations. These visually attractive methods of teaching become appealing to students and ease the learning process for all students. Classrooms are in the range of Wi-Fi communication facility and are equipped with latest systems, projectors etc. for facilitating e-learning.

3.Evidence of Success: - A student's potential can be judged easily through this method. Apart from the technical knowledge that he is gaining on one to one interaction with his faculty member, the student will also get the exposure of reaching out to an audience that he has never faced before. This will not only help him to improve his oratory skills but at the same time he can improve his

teaching skills as well as his understanding of the topic.

The faculty can in the meantime improve his teaching skills on a one to one note basis and educate the student as to how to reach out to all his fellow mates at the same time.

This innovative teaching and learning method will in turn help the faculty to judge his methodology and figure out the best possible option available to him. Taking a backseat and judging his pupil's way would indeed help him to monitor the way of how he can alter his method of reaching out to the students.

1. Problems Encountered and Resources Required:- Some of the problems encountered in doing this work are given below:

- a) All the students do not have the same adaptability of switching over to the learning methodology.
- b) All the students do not have the experience of teaching other students and their teaching exposure at this level.
- c) Some students are not that fluent with their oratory skills and this will inhibit them from reaching out to other students.

This continuous evolution of the teaching methodology would indeed help the students to get a better grasp of the study material which will ultimately help them to master the material that they are studying.

1. Title of the Practice:- Financial Assistance

- a) For students
- b) For faculty and staff members
- c) For the weaker section of the society

2. Objectives of the practice:- Scholarship Schemes have been introduced for providing financial assistance to the poor but meritorious students of this college. Monetary assistance is given to the staff members of this college in times of need. Moreover, the college extends a helping hand to the under privileged section of the society in our neighbourhood.

3. The Context:- In order to extend relief to the poor and meritorious students for taking admission into the college, the Gouri Devi Memorial Trust and Staff Club of DIATM provides financial assistance to grant the benefit of scholarship facility to the needy students and staff members.

4. The Practice:- Having a scholarship distinguishes the student from his or her peers, and they are recognized for being able to be chosen for the privilege. This is especially true for students who have earned a merit-based scholarship, meaning that they have abilities and talents better than their peers. GDMT, which is funded by our Chairman and the staff members, provides this facility to our students and part of their tuition fee is offered to those who have secured good marks but are financially weak. We also assist our students to get scholarships from various government bodies as given below:

- a) National Scholarship for minority section, given by Central Govt.
- b) Post Matric Scholarship for SC, ST & OBC, given by WB Govt.
- c) Post Matric Scholarship for SC, ST & OBC, given by Bihar Govt.
- d) Prime Minister's Scholarship, given by Central Govt.
- e) Chief Minister's Scholarship, given by WB Govt.
- f) Student's Welfare Committee (SWC) Scholarship for death of parent, given by the Institution and MAKAUT, WB.

DIATM Staff Club provides financial assistance to the staff members of this college in cases of severe and expensive medical issues, marriage of children etc. All the staffs donate some amount from their salary in the Staff Club account regularly and money is disbursed from this account to the person in need.

Other than these, the college regularly donates money and other materials to some orphanages nearby our college. Relief fund is given in case of natural calamities like tsunami named Aila and other flood affected areas through Bharat Sevashram Sangha and other such organisations.

5. Evidence of Success:- Scholarships offer money for taking admission in the colleges, and it is the main reason why students apply for it. With today's rising costs of college tuition and other academic fees, having financial support means not having to be burdened of paying for the full costs of expenses. Our students who have been given assistance have successfully completed their studies and now well established.

Some of our staff is immensely benefitted by the assistance provided to them and this leads to good working environment.

Our respected Chairman not only thinks of the betterment of this college, but he is continuously trying to

help the weaker section of society near our college. We are glad to inform that he has been awarded with the “Mother Teresa Lifetime Achievement Award” for his long outstanding service to the poorest of the poor, which is given by Mother Teresa International Award Committee under the auspices of All India Minority & Weaker Section’s Council.

6. Problems Encountered and Resources Required:- Some of the problems encountered in doing this work are given below:

- a) The in-house scholarship from GDMT is intended only for meritorious and financially weak students. It sometimes becomes difficult to find out whether a student is really needy.
- b) As GDMT is self-financed by the college, we can help only a few with our limited resource. If we could get some help from other organisations, we could increase the number of beneficiaries and also the amount of money.
- c) The same goes with the DIATM staff club as this is also funded by the chairman and the staff of this college.

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Response:

Institutional Distinctiveness

In vision of producing industry-ready and future-ready engineers, the institute as a part of class routine is in practice of offering Add-On courses like python..... beyond University syllabus and regular organization of the students research oriented conference and workshop. The need of the hour is ‘ ready and employable engineers “ .The Add-On courses are conducted throughout the year keeping in mind the industry requirement which enhances the hands on practice for the student alongside his/her University course curriculum. This also instills a feeling of self-confidence in the fresh engineering graduates. The regular organization of students centric research conference and workshop opens up the thinking faculty of the students promoting innovation in the teaching learning process. The undertaking of research problem followed by presentation/publication and subsequent implementation on lab to land scale is certainly the mission and vision of any HEI in the broader perspective.

Best Practices

1-----MAT/ intimation to parents----- The regular evaluation of teaching learning process at the institute is initiated through the conduction of monthly assessment test apart from the curriculum based internal and external examinations. This monitors continuous evaluation process preparing the students in a better and systematized manner. The response from students have been highly encouraging and definitely outcome based.

2-----Selected classes by students—Learning Process---This innovative practice creates inquisitiveness and thirst for learning in the minds of students. The novelty lies in method of imparting teaching through learning mode---the student learns and updates himself/herself to adopt in the teaching mode which helps in better understanding as well as application on the concerned subject. Also few papers are taught solely on practice mode---NO THEORY---only practical aspect problem solving, making teaching learning process all the more interesting and effective.

3. -----Financial Assistance to students---Self TFW (admission) Scheme---A selected few students , 5 in each department are admitted on Self TFW Scheme at a total course fee of Rs.40000 , as a part of corporate social responsibility of our institution. This has provided opportunity to a section of economically weaker section to avail the opportunity of higher education.

4.....Awarding of certificate to students for recording highest attendance during the academic year. This has created a positive environment among students encouraging a very good overall class attendance and improving the quality of teaching learning interactions. This has definitely helped to improve the overall academic performance of our students in general.

5.....Regular orientation of students through skill development training programmes---ONLINE add on courses through NPTEL as well as grooming classes for communicative English, aptitude learning are being held regularly as a part of our curriculum in our academic daily routine of students. The Institute is also imparting value added add on courses as per the industry requirements. Such courses have been immensely beneficial to develop and groom our students as the most employable and sellable engineers.

The objective is to examine through the minds of students the needs of educational innovations in the field of higher technical education in India by looking at global technological growth, job markets and national aspirations of the youths.

The new educational strategy, based on project-based learning, especially projects demanded by society as a whole, is proposed to be a center of innovative development for students at the Technical Universities. It is worth to implement trendy projects in the lab to land model. The students should gain theoretical and practical knowledge and skills for the realization of own projects or the community's projects in everyday life. To cater to the manpower requirements of a growing economy, there is a dire need to enlarge the scope of educational innovations to the thousands of institutes of higher technical learning in the country, especially in the smaller cities and towns. These institutes face issues which include, but are not limited to non-availability of qualified and experienced faculty, outdated curriculum, lack of academic freedom for educational institutes, poor student satisfaction levels, lack of research and research supervisory skills among faculty, outdated teaching methodologies and evaluation and assessment techniques, lack of industry-institute linkages and lack of professional managers in the field of education. Addressing these issues using novel approaches and institutionalization of educational innovation would allow these institutes to progress from just conducting classes and churning out engineers to centers promoting quality

education and producing well rounded engineers with the skills to succeed in the industry or sufficiently motivated to pursue higher education and research. This would lead to the creation of a pool of highly skilled manpower and higher degree holders, who would cater well to the demands of our knowledge driven economy. To achieve this, it is imperative to have the buy-in of all the stake-holders in the technical education system of the country – educational policy makers from apex bodies like the Ministry of Human Resource Development, University Grants Commission and the All India Council of Technical Education.

NAAC

5. CONCLUSION

Additional Information :

Rahul Foundation has a sprawling campus of different institutes under one umbrella bearing KG to PG slogan - from a +2 level school, Manisha International School, Law College, Nursing College apart from diploma, graduate and post graduate level engineering colleges. Thus there is a holistic academic exchange within the self sustained campus.

As far as health care is concerned the students and staff of DIATM are really fortunate. A Hospital and Research centre, namely, Gouri Devi Memorial Hospital & Research Centre as well as GIMSH, set up by our Honourable Chairman are situated virtually in campus. The students and staff of DIATM enjoy a concession while getting themselves treated out here.

- *In campus multispecialty hospital*
- *Efficient and caring staff*
- *Concession for students and DIATM employees*
- *24 × 7 Emergency Facilities*

Bank of India has its Rajbandh Branch inside the campus of DIATM. With an ATM kiosk just beside the branch and core banking facilities banking becomes smooth and easy both for the students and staff of DIATM.

- *In Campus bank and ATM*
- *Core Banking Facilities*

The Society under which the DIATM is running has given full academic and administrative freedom to run the Institute, thereby no interference in the Institute in DIATM.

The Institute firmly believes in admitting students and not money, therefore and thereby the Institute is admitting more than 10% students in Tuition Fee Waiver (TFW) scheme of its own. The locational advantage is a major advantage of DIATM in a major industrial city of state of West Bengal namely Durgapur.

One of the most brilliant and credible record of the institute is to produce engineers for higher studies, a tangible record is given below

ALMNUS HEI

Kaushik Kumar Mondal, Western Michigan University, USA

Tanushri Layek, Buffalo University, USA

Amrita Dutta, University of Syracuse, NY, USA

Concluding Remarks :

Durgapur Institute of Advanced Technology & Management (DIATM) firmly believes that change is the only

permanent in the world. Therefore, in recent times DIATM has made itself to move with changes judicially and selectively so required for quality and innovation. In the process, the scenario of academic environment has got changed from RI(Research and Teaching) to RTIQ(Research, Teaching, Innovation and Quality). Innovations and Quality are directed mainly towards producing industry ready and future ready engineers and entrepreneurs with values & ethics. Accordingly, beyond syllabus many skilled oriented courses, programmes on ethics & environment are offered and entrepreneurs programs are done on regular basis.

The Institute firmly believes in academic autonomy and collective responsibility. Therefore, decentralized administration and students' centric academic environment are created in the Institute, the interactions with all stakeholders, confidential feedback and intelligence are made operative to make decisions and policies befitting to quality improvement of the administrations in E-offices are made operative for smooth & transparent running of the Institute.

The academics and the administrations are run not without having proper protections of the environment for which awareness on green technology, practice of using Solar Power and disposals of Wastes of all forms are duly addressed.

Gender Equality is always given priority for which recruitment & admission drives are designed to attract girls / women in the Institute.

In all together DIATM is earnestly, collectively and responsively trying to make itself an Institute not just at par excellent with that of an academic force of different nature and kind to reckon with.

Our Mantra is "Chair is not for position, but for action".

Our Path is "Satyam Sivam Sundaram".

Our goal is "WISDOM".

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.1.3	Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years 1.1.3.1. Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year-wise during the last five years Answer before DVV Verification: <table><tr><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td><td>2013-14</td></tr><tr><td>6</td><td>5</td><td>2</td><td>2</td><td>2</td></tr></table> Answer After DVV Verification : <table><tr><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td><td>2013-14</td></tr><tr><td>3</td><td>1</td><td>0</td><td>0</td><td>0</td></tr></table> Remark : Revised as per supporting relevant documents only	2017-18	2016-17	2015-16	2014-15	2013-14	6	5	2	2	2	2017-18	2016-17	2015-16	2014-15	2013-14	3	1	0	0	0
2017-18	2016-17	2015-16	2014-15	2013-14																	
6	5	2	2	2																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
3	1	0	0	0																	
1.2.3	Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years 1.2.3.1. Number of students enrolled in subject related Certificate or Diploma or Add-on programs year-wise during the last five years Answer before DVV Verification: <table><tr><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td><td>2013-14</td></tr><tr><td>733</td><td>200</td><td>50</td><td>40</td><td>30</td></tr></table> Answer After DVV Verification : <table><tr><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td><td>2013-14</td></tr><tr><td>707</td><td>36</td><td>0</td><td>0</td><td>0</td></tr></table> Remark : Revised as per current supporting excel attached	2017-18	2016-17	2015-16	2014-15	2013-14	733	200	50	40	30	2017-18	2016-17	2015-16	2014-15	2013-14	707	36	0	0	0
2017-18	2016-17	2015-16	2014-15	2013-14																	
733	200	50	40	30																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
707	36	0	0	0																	
1.3.2	Number of value added courses imparting transferable and life skills offered during the last five years 1.3.2.1. Number of value-added courses imparting transferable and life skills offered during the last five years Answer before DVV Verification : 43 Answer after DVV Verification: 43																				
1.3.3	Percentage of students undertaking field projects / internships																				

1.3.3.1. Number of students undertaking field projects or internships

Answer before DVV Verification : 300

Answer after DVV Verification: 312

2.1.1

Average percentage of students from other States and Countries during the last five years

2.1.1.1. Number of students from other states and countries year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
67	155	193	135	243

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
81	152	189	135	239

Remark : Revised as per current supporting list of students. However required NEITHER DOMICILE CERTIFICATE NOR HSC DEGREE CERTIFICATES PRODUCED FOR THE REQUESTED LIST OF STUDENTS

2.1.2

Average Enrollment percentage

(Average of last five years)

2.1.2.1. Number of students admitted year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
167	310	363	231	381

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
160	310	354	226	373

2.1.2.2. Number of sanctioned seats year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
567	567	567	441	441

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
567	567	567	441	441

	Remark : Revised as per current supporting document																				
2.3.2	Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. 2.3.2.1. Number of teachers using ICT Answer before DVV Verification : 5 Answer after DVV Verification: 0 Remark : No ICT link, nor photogred with LMS , E learning produced																				
2.3.3	Ratio of students to mentor for academic and stress related issues 2.3.3.1. Number of mentors Answer before DVV Verification : 80 Answer after DVV Verification: 79 Remark : The supporting documents is not authorised by competent authorities																				
2.6.3	Average pass percentage of Students 2.6.3.1. Total number of final year students who passed the examination conducted by Institution. Answer before DVV Verification : 327 Answer after DVV Verification: 195 2.6.3.2. Total number of final year students who appeared for the examination conducted by the institution Answer before DVV Verification : 351 Answer after DVV Verification: 216 Remark : Revised as per supporting document																				
3.2.2	Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years 3.2.2.1. Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years Answer before DVV Verification: <table><tr><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td><td>2013-14</td></tr><tr><td>10</td><td>10</td><td>5</td><td>5</td><td>5</td></tr></table> Answer After DVV Verification : <table><tr><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td><td>2013-14</td></tr><tr><td>14</td><td>13</td><td>5</td><td>4</td><td>8</td></tr></table>	2017-18	2016-17	2015-16	2014-15	2013-14	10	10	5	5	5	2017-18	2016-17	2015-16	2014-15	2013-14	14	13	5	4	8
2017-18	2016-17	2015-16	2014-15	2013-14																	
10	10	5	5	5																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
14	13	5	4	8																	
3.3.2	The institution provides incentives to teachers who receive state, national and international																				

recognition/awards

Answer before DVV Verification : Yes

Answer After DVV Verification: Yes

3.3.5

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

3.3.5.1. Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
36	26	15	15	12

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
33	19	8	15	12

3.4.2

Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

3.4.2.1. Total number of awards and recognition received for extension activities from Government /recognised bodies year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
2	0	2	1	1

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
2	0	1	0	0

Remark : Revised as per supporting document

3.4.3

Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., 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/ Red Cross/ YRC etc., year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
30	22	14	10	9

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
3	2	0	0	0

Remark : Unable to open link. Supporting document is partially opening

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

3.4.4.1. Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
150	120	100	90	100

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
100	110	100	90	100

Remark : Link has error. supporting documents partially opening. Unable to identifying the exact number of students

3.5.2 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

3.5.2.1. Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years (only functional MoUs with ongoing activities to be considered)

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
6	4	3	3	3

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
2	1	0	0	0

Remark : Revised as per supporting MoUs

4.1.3	Percentage of classrooms and seminar halls with ICT - enabled facilities such as smart class, LMS, etc 4.1.3.1. Number of classrooms and seminar halls with ICT facilities Answer before DVV Verification : 3 Answer after DVV Verification: 2 Remark : Link has blank and error videos																				
4.2.4	Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs) 4.2.4.1. Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs) Answer before DVV Verification: <table><tr><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td><td>2013-14</td></tr><tr><td>4.0</td><td>4.0</td><td>4.0</td><td>4.0</td><td>4.0</td></tr></table> Answer After DVV Verification : <table><tr><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td><td>2013-14</td></tr><tr><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr></table> Remark : Expenses on annual expenditure for purchase of books and journals not highlighted. Unable to identify from the attached audited statement of accounts	2017-18	2016-17	2015-16	2014-15	2013-14	4.0	4.0	4.0	4.0	4.0	2017-18	2016-17	2015-16	2014-15	2013-14	0	0	0	0	0
2017-18	2016-17	2015-16	2014-15	2013-14																	
4.0	4.0	4.0	4.0	4.0																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
0	0	0	0	0																	
4.2.5	Availability of remote access to e-resources of the library Answer before DVV Verification : Yes Answer After DVV Verification: Yes																				
4.2.6	Percentage per day usage of library by teachers and students 4.2.6.1. Average number of teachers and students using library per day over last one year Answer before DVV Verification : 40 Answer after DVV Verification: 40																				
4.4.1	Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years 4.4.1.1. Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in Lakhs) Answer before DVV Verification: <table><tr><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td><td>2013-14</td></tr><tr><td>55</td><td>52</td><td>57</td><td>69</td><td>62</td></tr></table>	2017-18	2016-17	2015-16	2014-15	2013-14	55	52	57	69	62										
2017-18	2016-17	2015-16	2014-15	2013-14																	
55	52	57	69	62																	

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

Remark : Unable to identify the exact Expenditure incurred on maintenance of physical facilities and academic support facilities from the attached statement of accounts

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

5.1.1.1. Number of students benefited by scholarships and freeships provided by the Government year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
25	35	34	45	84

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
18	25	22	18	0

Remark : Revised as per supporting excel

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

5.1.2.1. Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	46	0	29

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	45	0	29

Remark : No relevant supporting document provided other than the list of students

5.1.3 Number of capability enhancement and development schemes –

1. For competitive examinations

2. Career counselling
3. Soft skill development
4. Remedial coaching
5. Language lab
6. Bridge courses
7. Yoga and meditation
8. Personal Counselling

Answer before DVV Verification : A. 7 or more of the above

Answer After DVV Verification: B. Any 6 of the above

Remark : Revised as per supporting documents

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years

5.1.5.1. Number of students attending VET year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
360	360	380	378	384

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
312	210	300	310	300

5.2.1 Average percentage of placement of outgoing students during the last five years

5.2.1.1. Number of outgoing students placed year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
161	215	207	256	138

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
136	256	207	211	161

Remark : REvised as per supporting excel

5.2.2	Percentage of student progression to higher education (previous graduating batch) 5.2.2.1. Number of outgoing students progressing to higher education Answer before DVV Verification : 10 Answer after DVV Verification: 37																				
5.3.1	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) during the last five years. 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 Answer before DVV Verification: <table><tr><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td><td>2013-14</td></tr><tr><td>6</td><td>4</td><td>2</td><td>2</td><td>2</td></tr></table> Answer After DVV Verification : <table><tr><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td><td>2013-14</td></tr><tr><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr></table> Remark : Unable to view any certificates	2017-18	2016-17	2015-16	2014-15	2013-14	6	4	2	2	2	2017-18	2016-17	2015-16	2014-15	2013-14	0	0	0	0	0
2017-18	2016-17	2015-16	2014-15	2013-14																	
6	4	2	2	2																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
0	0	0	0	0																	
5.3.3	Average number of sports and cultural activities/ competitions organised at the institution level per year 5.3.3.1. Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years Answer before DVV Verification: <table><tr><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td><td>2013-14</td></tr><tr><td>6</td><td>5</td><td>5</td><td>5</td><td>5</td></tr></table> Answer After DVV Verification : <table><tr><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td><td>2013-14</td></tr><tr><td>7</td><td>5</td><td>5</td><td>5</td><td>5</td></tr></table>	2017-18	2016-17	2015-16	2014-15	2013-14	6	5	5	5	5	2017-18	2016-17	2015-16	2014-15	2013-14	7	5	5	5	5
2017-18	2016-17	2015-16	2014-15	2013-14																	
6	5	5	5	5																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
7	5	5	5	5																	
6.3.2	Average 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: <table><tr><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td><td>2013-14</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>	2017-18	2016-17	2015-16	2014-15	2013-14															
2017-18	2016-17	2015-16	2014-15	2013-14																	

14	0	0	0	0
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Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

Remark : Irrelevant supporting document.

- 6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year
- 6.5.3.1. Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
4	0	0	0	0

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

Remark : Documents not relevant to the metric

- 6.5.4 Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements
2. Academic Administrative Audit (AAA) and initiation of follow up action
3. Participation in NIRF
4. ISO Certification
5. NBA or any other quality audit

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

Answer After DVV Verification: D. Any 1 of the above

Remark : Revised as per supporting link

- 7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

7.1.1.1. Number of gender equity promotion programs organized by the institution year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
2	2	0	0	0

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
3	2	0	0	0

7.1.3

Alternate Energy initiatives such as:

1. Percentage of annual power requirement of the Institution met by the renewable energy sources

7.1.3.1. Annual power requirement met by the renewable energy sources (in KWH)

Answer before DVV Verification : 10

Answer after DVV Verification: 0

7.1.3.2. Total annual power requirement (in KWH)

Answer before DVV Verification : 130

Answer after DVV Verification: 130

Remark : Unable to open link

7.1.8

Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

7.1.8.1. Total expenditure on green initiatives and waste management excluding salary component year-wise during the last five years(INR in Lakhs)

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
1.27	1.11	1.61	2.24	1.17

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

Remark : The expenditure on green initiatives and waste management not Highlighted in the statement of accounts and therefore unable to identify

7.1.9

Differently abled (Divyangjan) Friendliness Resources available in the institution:

	1. Physical facilities 2. Provision for lift 3. Ramp / Rails 4. Braille Software/facilities 5. Rest Rooms 6. Scribes for examination 7. Special skill development for differently abled students 8. Any other similar facility (Specify) Answer before DVV Verification : C. At least 4 of the above Answer After DVV Verification: E. None of the above Remark : Error in the link attached
7.1.12	Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff Answer before DVV Verification : Yes Answer After DVV Verification: No
7.1.13	Display of core values in the institution and on its website Answer before DVV Verification : Yes Answer After DVV Verification: Yes
7.1.16	The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions Answer before DVV Verification : Yes Answer After DVV Verification: No Remark : Irrelevant document

2.Extended Profile Deviations

Extended Profile Deviations
No Deviations