SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

OMDAYAL GROUP OF INSTITUTIONS

PLOT NO. 38(P), 38(A), 39(P), 39(A), ULUBERIA INDUSTRIAL GROWTH
CENTRE, ULUBERIA, HOWRAH
711316
www.omdayal.com

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

January 2023

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

OmDayal Group of Institutions started its journey from the academic year 2010-11 under the aegis of OmDayal Educational & Research Society. OmDayal Group of Institutions is a self– financed institute, an integrated technical campus, engaged in imparting technical education, is approved by All India Council for Technical Education (AICTE), Council of Architecture (COA) and is affiliated to Maulana Abul Kalam Azad University of Technology (formerly West Bengal University of Technology). The institution started with an intake of 240 students in 4 branches of Engineering and 80 in-takes in Architecture. In 2021 the institution introduced M.Arch with 20 intake with the specialisation in Urban Development, which is to be initiated first in the State.

Institutions dedicated to higher learning evolve and grow. Like any life form, the early years are the most dynamic and challenging. It is also the most rewarding time. It defines the character of the institution. We are very fortunate as within 11 years we are being considered to be a center of learning par excellence. We have put in our best efforts in defining the scope and expanse of the kind and nature of academic courses we offer . As an institution of higher technical learning, we are fully aware of our obligations towards our stakeholders – students and parents, the industry, the policy makers and above all larger social community of which we are part of. Our need to remain relevant and contribute significantly to the society is of prime importance.

We constantly endeavour to provide an environment conducive in bringing out the best in the students. The college has provided its resources in putting in place modern teaching techniques, internet facilities and related recourses for the exclusive use for the students. The campus is Wi-Fi enabled with smart classrooms equipped with projection facilities and interactive monitors to make classes effective for all students with diverse power of understanding and learning.

Our alumni are serving the industries with distinction in various fields. They have reached high elevations in various industries, securing challenging and highly paid positions in top ranking companies/ organizations in India and abroad.

Vision

To become an institute of repute and bring about a change in the sphere of technical education in Bengal by offering a full range of programs of global standard, and to transform the students into globally competent personalities.

Mission

- To provide state-of-the-art resources required to achieve excellence in teaching-learning, and supplementary processes
- To provide Faculty and Staff with the required qualification and competence
- To motivate for their holistic development
- To provide opportunity to the students to bring out their inherent talent

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1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. State of Art computing facilities / lab infrastructure / Internet Connectivityand a helpful learning environment.
2. Committed management with a visionary zeal
3. Well qualified, dedicated team of caring faculty members who are actively involved in teaching and research.
4. Strong Industrial linkage and MoU's with the Industry
5. Collaboration is made with industries for facilitating internships and on the job trainings for students for the sake of hands on Experience
6. High and consistent academic achievements of students –University/GATE rank holders
7. Strong student mentoring/counseling system
8. Strong student feedback system
9. Encouragement of faculty for research, advancement of qualification through liberal incentive policies
10. Quality of work life leading to High faculty retention
11. Effective implementation of teaching learning process and conducting tutorial and remedial classes.
12. Equal emphasis on co-curricular activities
13. New letters published regularly
14. Separate hostel facility for boys and girls for outstation students.
15. Transport facility to nearby towns and Kolkata
16. Entire campus under CCTV surveillance thereby ensuring safety and security of students and staff.
17. Strong Intellectual Capital base

Institutional Weakness

1. Need more concentration on R&D and Consultancy
2. Looking for more Ph.D. faculty in engineering
3. Poor diversity of students in admission – students from other states
4. Lack of freedom in fixing the tuition fee structure

Institutional Opportunity

1. Collaboration with Institutes of repute & foreign universities for student-faculty exchange program
2. To increase Institute's visibility at National & International level
3. To strengthen community outreach activities with government and non-government organizations.
4. To get the status of Autonomous Institute
5. Availability of a large number of on-line and self-learning resources (such as NPTEL's web-basedcourses and video lectures)
6. To create entrepreneurs/ start-ups in various fields

Institutional Challenge

1. To attract eminent researchers & academicians in Campus

2. Domicile issue in the admission process
3. Non attractive remuneration for fresh graduates
4. Dependence on parent University for introducing needed academic reforms in the absence of autonomy
5. Decreasing placement opportunities for Core branches such as Mechanical, Electrical, Civil
6. Improper grading by ranking agencies.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

· Being an affiliated Institute, the MAKAUT curriculum is being followed.

· Apart from that, students are encouraged to pursue courses under the Study Webs of Active-Learning for Young Aspiring Minds (SWAYAM), or the Massive Open Online Course (MOOCs). Each student is individually mentored by highly-trained faculty members in order to ensure better understanding of lectures without any doubts.

· Additionally, every department in the college organizes guest lectures by eminent professors or industry expert, alumni lecture, seminar, workshop, education tour and so on.

· An array of co-curricular activities in form of competitions, quizzes, power point presentations, creative and innovative projects etc, for which they get points under Mandatory Additional Requirements (MAR).

· The college prepares the academic calendar for effective implementation and delivery of curriculum.

· Our Learning Management System is a perfect amalgamation of physical learning, as well as E-learning. NPTEL study materials, learning resources in the form of e-journals and educational CDs are made available to students as reference materials in the Central library of the institute. Digital library is also available.

· Class committee meetings are conducted to take feedbacks regarding syllabus completion status, notes, requirements of extra classes or any special classes etc.

Teaching-learning and Evaluation

- In OmDayal Group of Institutions, students participate in Technical Fest organized by the institute to showcase their learning in the form of innovative projects.
- Experiential Learning, Participative learning, Problem Solving methodologies includes:

1. Add on courses on latest technologies with NPTEL, ICT-IITK, Coursera etc.
2. Summer Internship
3. Industrial Visits
4. Annual Tech fest
5. Annual Event Architect Of The Times (AOTT)

- The below mentioned tools are being used for enhancing learning experiences using ICT tools:

1. Seminar Room
2. Computer Laboratory is available to use for each department facilitate with Projector, Microphone etc. & sufficient number of computer is available for use in each department.
3. Smart Board is available and used by all departments when needed.
4. Online Platforms used: exam.omdayal.net, Microsoft Team, Google Meet, Google Classroom, Zoom

- Digital Library
- Developing Library network (DELNET)

1. MOOCs Platforms: NPTEL, COURSERA, UDEMY

- There is a standard process of internal examination in the college. According to the academic calendar released by MAKAUT, a student has to appear in 4 Continuous Assessment (CA) test and 2-terminal examinations, in each semester.
- According to the academic calendar, Continuous assessment test are conducted, which mostly in the form of written test
- Grievance related to internal exams, if any occurs, immediate action is used to be taken by the controller of examination.

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

Research, Innovations and Extension

- OmDayal Group of Institutions recognizes research, innovation, collaboration as main focus areas.
- The increase in the number of publications, MoUs and conferences are testimony to the Institute's commitment towards research.
- It has well-defined research development policy. A core research group has been constituted to monitor and mentor research activities.
- Faculties are encouraged to publish in reputed journals and the incentive for the same is provided based on the ranking of journals which enhanced the publication.
- Faculties are encouraged to attend conferences and workshops to enhance the research and technical skills.
- Students are encouraged to take up research project under the supervision of the faculty members to improve research environment.
- The faculty members pursuing research are encouraged by providing them the required equipment, books, leaves for research work, financial assistance for conferences/journals, e-resources, computer facilities, Wi-Fi etc.
- One Associate Professor has been recognized as research supervisor by the affiliated university.
- Faculty members and students are actively involved in Institutional Social Responsibility activities through structured forums like NSS and other programs, activity conducted by the institution. ODGI has

initiated many extension activities to address local needs which include organization of awareness programs, anti-plastic drive, tree plantation, yoga, distribution of relief in flood-cyclone affected area etc.

Infrastructure and Learning Resources

- The Institution encompasses an eco-friendly green campus with an area of 3.32 acres including building construction of 20464 sq. m.
- Separate blocks for Engineering and Architecture departments with modern infrastructure for the teaching-learning process.
- Adequate number of well-furnished and well-ventilated classrooms and seminar halls with ICT-enabled facilities including smart board, Wi-Fi/LAN and audio/video recording facilities.
- Sufficient number of spacious and well-equipped practical laboratories.
- The computer laboratories have 230+ PC systems with sufficient licensed and open-source softwares.
- The Central Library and the Architecture Library are fully computerized (using ILMS facility) with a collection of 3294 book titles (15050 volumes) covering all major fields of Engineering, Architecture, Science and Humanities.
- Digital library set-up has been installed in the libraries with 10 systems for accessing e-resources.
- During the pandemic situation, a user-friendly portal (https://omdayal.net/) had been provided to the students to share assignment work and access/deliver online continuous assessments. Students can also access the digital library contents through this portal.
- The campus is 24x7 Wi-Fi/ LAN enabled with 100 Mbps Internet speed.
- 4 multipurpose photocopy machines installed in different blocks and a separate reprographic store in the campus.
- 30+ CCTV cameras in the campus to provide additional safety and security.
- Separate hostel facilities for boy and girl students.
- Spacious, hygienic and well-ventilated Canteen with quality foods.
- Transportation facilities for students, teaching and non-teaching staffs.
- Indoor and Outdoor games facilities in the campus.
- Well-equipped Gymnasium.
- First-Aid and Medical Emergency Room.

Student Support and Progression

- Institution aims in providing comprehensive development of the students.
- Around 50% of the students are benefitted through Government, non-government and Institutional scholarships
- Different initiatives taken by the Institution for capacity building and skill enhancement includes personal counseling and mentoring, career guidance for competitive examinations, bridge course and remedial classes, soft skills training, ICT/Computing Skills training, Yoga and Meditation etc
- Grievance Redressal Committee & Student counseling cell, Anti-Ragging-Committee and Internal complaints committee is there to look after any issues addressed by the students.
- The students undergo trainings and a large section of the graduated has been successfully placed in different renowned companies and more than 10% of the students opt for higher education in reputed institutions.
- Nearly 70% of the students appearing for competitive examinations are qualified.

- Equal emphasis is given on co-curricular activities and students are always encouraged to participate in sports and cultural activities.
- Alumni of the college are actively engaged in enhancing teaching learning process

Governance, Leadership and Management

- The decentralized and participative management is present in various institutional practices involving Director, Principal, Vice Principal, HODs and different committees.
- The institutional Strategic/ perspective plan is effectively deployed through online teaching, learning and evaluation along with normal offline classes and evaluation processes.
- Effective welfare measures are taken through EPF, Medi-claim, maternity leaves, financial supports etc. Structure methods are used for performance appraisal of faculty and other staffs.
- The College is a self-financed institution, where the funds are generated through the fees paid by the students. Financial audit is conducted by chartered accountant.
- The IQAC uses different feedback systems and organizes regular meetings to improve its teaching learning process, structures & methodologies.

Institutional Values and Best Practices

- OmDayal Group of Institutions is committed to maintain a culture of innovation, creativity, hard work, perseverance and excellence. The main focus of the institution is the holistic development of the students. The institution has taken some significant measures in energy conservation, waste management, and rain water harvesting and to maintain clean and green campus.
- Besides the curriculum activities the social commitment, entrepreneurship development are also given priority.
- Appropriate steps are taken to ensure gender equity and sensitization in curricular and co-curricular activities.
- Safety and security norms are strictly followed and the campus is well protected with round the clock security and CCTV surveillance.
- The processes for the management of degradable and non-degradable wastes and water conservation etc are being followed the campus.
- Women empowerment programs, counseling for students and social awareness programs in collaboration with various governmental agencies are being implemented.
- The best practices are oriented towards the quest for excellence and with concrete efforts to make our students very competitive in job market and acquire global competency and in the field of higher studies.

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2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	OMDAYAL GROUP OF INSTITUTIONS
Address	Plot No. 38(P), 38(A), 39(P), 39(A), Uluberia Industrial Growth Centre, Uluberia, Howrah
City	Howrah
State	West Bengal
Pin	711316
Website	www.omdayal.com

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Director	Kalyan Kumar Mukherjee	033-71300253	9830172488	-	director@omdayal.net
IQAC / CIQA coordinator	Sukanya Das Chandra	033-3371300253	8777238369	-	iqac@omdayal.net

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular Day

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details	

State	University name	Document
West Bengal	Maulana Abul Kalam Azad University of Technology	[View Document](#)

Details of UGC recognition

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

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

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	[View Document](#)	03-07-2022	12	Approved
COA	[View Document](#)	04-07-2022	12	Approved

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	Plot No. 38(P), 38(A), 39(P), 39(A), Uluberia Industrial Growth Centre, Uluberia, Howrah	Urban	3.32	13435.56

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	BE,Civil Engineering	48	Forty five percent in Physics Maths alongwith Chemistry or Biology or Computer Science in twelve board exam	English	60	2
UG	BE,Computer Scienece And Engineering	48	Forty five percent in Physics Maths alongwith Chemistry or Biology or Computer Science in twelve board exam	English	60	53
UG	BE,Electrical Engineering	48	Forty five percent in Physics Maths alongwith Chemistry or Biology or Computer Science in twelve board exam	English	60	2
UG	BE,Mechanical Engineering	48	Forty five percent in Physics Maths alongwith Chemistry or Biology or	English	60	2

			Computer Science in twelve board exam			
UG	BArch,Architecture	60	Fifty percent in Physics Maths and Chemistry in twelve board exam and NATA score or rank in JEE Main paper II	English	80	58
PG	MArch,Architecture	24	B.Arch	English	20	7

Position Details of Faculty & Staff in the College

	Teaching Faculty											
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0				0				0
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit				0				0				0
Sanctioned by the Management/Society or Other Authorized Bodies				8				9				57
Recruited	5	3	0	8	5	4	0	9	37	20	0	57
Yet to Recruit				0				0				0

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

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				3
Recruited	2	1	0	3
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/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	3	0	0	3	1	0	1	2	0	10
M.Phil.	0	0	0	0	0	0	0	1	0	1
PG	1	2	0	2	3	0	31	16	0	55
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/M CH	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/M CH	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
	10	0	0	10

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	272	10	0	0	282
	Female	65	3	0	0	68
	Others	0	0	0	0	0
PG	Male	3	0	0	0	3
	Female	4	0	0	0	4
	Others	0	0	0	0	0

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

Category		Year 1	Year 2	Year 3	Year 4
SC	Male	33	18	5	6
	Female	8	5	1	3
	Others	0	0	0	0
ST	Male	4	7	0	2
	Female	1	0	0	0
	Others	0	0	0	0
OBC	Male	38	31	5	14
	Female	2	13	4	12
	Others	0	0	0	0
General	Male	165	147	45	87
	Female	25	57	45	41
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		276	278	105	165

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	The Learning Management System, devised and propagated by the institution aims at promoting an inclusive and multidisciplinary educational experience to undergraduate students, belonging to the domains of engineering and architecture. Apart from providing excellent infrastructural facilities, such as highly-specialised laboratories, libraries, and state-of-the-art studios, the college also concentrates of inculcating in students a steady foundational knowledge in Basic Science and Humanities, along with adequate vocational training opportunities and project-based learning, through cutting-edge research work. We offer a myriad of subjects, including Physics, Chemistry, Biology, Mathematics, and

	English (Theory and Communications) to both our engineering and architecture students. Through these courses, students receive the opportunity to hone their existing knowledge and prepare themselves for a fulfilling odyssey in their respective fields. Our method of teaching these courses is a perfect amalgamation of theory and practice - we initiate students into theoretical understanding of core scientific concepts, as well as laboratory experiments. The communication classes, conducted through classroom lectures and language laboratory training are specially designed for students to develop interview skills, management and decision-making abilities, and lastly, leadership qualities. Every department also encourages its students to participate in mini-projects, guided by highly-qualified faculty members and technical assistants. In addition to these, we also organize alumni lecture sessions, lecture classes from professors of other colleges or industry experts, seminars, webinars and workshops, industry visits and field visits, and an array of co-curricular activities in form of competitions, quizzes, powerpoint presentations, creative and innovative projects etc, for which they get points under Mandatory Additional Requirements (MAR).
2. Academic bank of credits (ABC):	Since our college is affiliated to Maulana Abul Kalam Azad University of Technology (abbreviated as MAKAUT), so the successful implementation of Academic Bank of Credits depends upon the guidelines of the affiliating University. As per the circular from the University the students were advised to create their NAD (National Academic Depository) id through the university provided website and the link. This has fostered the digital storage of every individual student's academic credits. The purpose of the process is to access the examination certificates by different stakeholders. The competent authority informed all students to follow the circular and to create the NAD id as per the instruction.
3. Skill development:	Skill development activities help one to develop their oral and writing skills. OmDayal Group Institutions always encourage these types of activities. At the initial level, timetable is prepared with the classes according to the University curriculum along with communication and coding skill related classes outside curriculum. The report writing and power

	point presentation help to enhance the writing and presentation skill of the students respectively. The institution arranges training for final year students to improve their aptitude skills. At the department levels also different types of activities are organized to improve different types of skills of the students. Some of the activities are poster presentation, coding competition, quiz competition etc. The students go to industrial visits, training in different organization for skill up gradation.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	The college hosts a vibrant Ek Bharat Shreshtha Bharat Cell, through which, it organises a myriad of socio-cultural events to help students imbibe Indian values and respect India's Unity in Diversity. Starting from hosting a Matribhasha Diwas Event, to organizing plantation drives to sessional classes on the Indian Constitution, To celebrating Republic Days, Independence Days etc. the college has excelled in binding its students with definitive fundamental duties and constitutional values.
5. Focus on Outcome based education (OBE):	Our Institution has started implementing OBE in its Curriculum. Emphasis is given on Graduation Attributes, Programme Educational Objectives, Programme Objectives, Programme Specific Objectives, Course Outcomes and how they were interlinked with one another, COPO Mapping, Guidelines for COs, Revised Blooms Taxonomy, Action Verbs for learning etc. Consequently we have started effective changes in our curriculum, based on OBE in structuring question papers and evaluations. Workshop on 'Capacity Building in Outcome Based Education (OBE) Teaching Methods' is also conducted to focus on OBE.
6. Distance education/online education:	Over the last couple of years, our institution has also emerged triumphant with respect to online education. We encourage students to pursue courses under the National Programme on Technology Enhanced Learning (NPTEL), or the Massive Open Online Course (MOOCs). Each student is individually mentored by highly-trained faculty members in order to ensure that they understand lectures without any doubts, and can also apply that while studying the primary syllabus. Our faculty members have high-end expertise in student-handling, as well as in their respective subject matters. They conduct regular tutorial classes for students to provide attention on an

individual level, check progress and also guide them in an examination-oriented fashion. Faculty members also undertake Faculty Development Programmes (FDPs) to keep themselves at par with the national, as well as international level of education.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	Yes
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	Yes
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.	Electoral Literacy Club - OmDayal Group of Institutions - In accordance with the guidelines propagated by the Systematic Voters' Education and Electoral Participation (SVEEP), OmDayal Group of Institutions (College of Engineering and Architecture) introduced an Electoral Literacy Club (ELC), in December, 2021 comprising students belonging to first and second year. Since then, the club has been responsible for instilling in students the capacity to understand and analyse electoral rights in a rational manner, through an array of activities. With the help of activities, such as Quizzes, students have been inculcated with the electoral process in India as well. The primary events which have been organised by the club so far are: Group Discussion - Topics covered - Voting Rights for Women and Transgender in India; Ethical Voting - Is it a myth? etc. Quiz on the Indian Constitution on Constitution Day Student.
4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.	The students made PPT presentation on: The functions of the electoral process in India The Challenges faced by the electoral system in India The History of the electoral process in India
5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.	University has introduced the mandatory course Constitution for the all the students. The college has assigned faculty members to teach the students and make them aware of the different fundamental rights one of which is the electoral voting rights. The good

	effects of the voting and choosing a government who will serve for the people and look after the progress of the entire nation is one of the key factors. The Constitution has granted the right to vote to all Indian citizens above the age of 18, irrespective of an individual's caste, religion, social or economic status. Voting is not a fundamental right, but is a legal right granted to citizens. So the students are made aware of the entire system and enrolling themselves as voters for casting vote during elections.

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1007	899	865	894	790

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

2 Teachers

2.1

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

Response: 77

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

2.2

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

2021-22	2020-21	2019-20	2018-19	2017-18
77	76	73	68	70

3 Institution

3.1

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

2021-22	2020-21	2019-20	2018-19	2017-18
221.06	130.22	276.73	302.02	274.81

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

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

Response:

This college is affiliated to Maulana Abul Kalam Azad University of Technology, West Bengal, so we follow the curriculum designed by The University. At the end of each semester, curriculum papers for the next semester are assigned among faculties and technical assistances in a departmental meeting executed once in a month and chaired by HOD. The college prepares the academic calendar which consists of curricular, co-curricular and extracurricular activities for effective implementation and delivery of curriculum. We undertake following measures for effective delivery of the university curriculum at college level.

• After paper distribution, the departmental timetable coordinator prepares the faculty wise timetable as per workload for the academic session.

• For each curriculum paper, faculty members prepare and maintain a 'Course File' which contains syllabus, course objective, course outcome, lesson plan, notes, students database, question bank, course timetable and result analysis.

• The principal addresses the newly admitted students in "Induction Program". This program orients the students about: facilities and welfare schemes available, code of conduct and discipline, add-on courses and extra-curricular activities.

• Periodical meetings of Head of the Departments are held with the Principal to take review and discuss the curriculum delivery.

• Continuous Assessments (CA) are conducted periodically and its results are displayed and discussed with the students in the class room.

• After each assessment such as class test, assignment, quiz, viva etc., weak students are identified. And doubt clearing classes are arranged to raise the performance of academically weak students.

• Coding classes are conducted regularly by the faculties to enhance the coding ability of students.

• Seminars and mini projects are given to the students under the supervision of the faculty.

• Faculty members of each department are assigned to mentorship program to mentor 25 students. Mentor provide guidance, motivation and also discuss issues related to academics/personal in a one-to-one meeting.

• The departments organize guest lectures of eminent faculty members from other institutions and

industries, study tours, and industrial visits for students to give exposure to practical knowledge.

• Class committee meetings are conducted two times in each semester with all the subject handlers of a particular semester and students' representative to take feedbacks regarding syllabus completion status, notes, requirements of extra classes or any special classes etc.

• NPTEL study materials, learning resources in the form of e-journals and educational CDs are made available to students as reference materials in the Central library of the institute. Digital library is also available.

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

1.2 Academic Flexibility

1.2.1 Number of Add on /Certificate/Value added programs offered during the last five years

Response: 8

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

1.2.2 Percentage of students enrolled in Certificate/ Add-on/Value added programs as against the total number of students during the last five years

Response: 7.97

1.2.2.1 **Number of students enrolled in subject related Certificate/ Add-on/Value added programs year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
130	73	132	20	0

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

1.3 Curriculum Enrichment

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

Response:

The courses based on Human Values and Professional Ethics-

Human Resource Development and Organizational Behavior-The subject is taught to make the students understand the concept of organizational behavior in the professional world.

Values and Ethics in the Profession- The objective of the course is to inculcate Human values to grow as a responsible human being with a proper personality and to instill Professional Ethics to maintain ethical conduct and discharge professional duties.

Professional Practice, law & Ethics- Professional Practice, law & Ethics in engineering is the field of system of moral principles that apply to the practice of engineering profession.

Humanities – I- The course is aimed at helping students develop professional communication skills, professional ethics, engineering ethics, values and morals etc.

Subject Name	Subject Code	
Human Resource Development and Organizational Behavior	OEC-IT601 B	
Values and Ethics in the Profession	HM-EE 401	
Professional Practice, Laws and Ethics	CE (HS) 801	
Effective Technical Communication (Humanities - I)	HM HU 501, CE (HS) 301	

Education is not limited to the syllabus - it traverses far beyond it. Keeping this ideology in mind, this institution always tries to arrange activities like pledge taking event, debates, quiz competition, poster presentation etc.

Courses based on Environment and Sustainability-

Environmental Science - The Environmental science class aims at helping students to understand the natural environment and its relationships with human activities and apply the fundamental knowledge of science and engineering to assess environmental and health risk.

Biology for Engineers- Biology class has been introduced to the 3rd semester students of Engineering in order to emphasize on evolution of biology as a multi-disciplinary field and to make students aware of application of engineering principles in biology.

Electrical Energy Conservation & Auditing- Energy conservation is the decision and practice of using less energy without compromising quality of life. The use of energy efficient devices in all walks of lives and best practices renders lower greenhouse gas (GHG), lower pollution and most importantly energy security for us and future generations.

Subject Name	Subject Code	
Environmental Science	MC-EE 401	
Biology for Engineers	BSC401, CE(BS)301, BS-BIO301, BS301	
Electrical Energy Conservation & Auditing	PE -EE 701B	

Our Institutions also arrange Swachh Bharat Abhiyan Anti-plastic drive, Tree Plantation Drive etc. to save the endangered environment and beautify life.

The courses that address the Gender-

Indian Constitution - The course on constitution of India contains key features of Indian Constitution, like directive principles of state policy, fundamental rights and duties, Union government and its administration, Indian Judiciary, and the various organs of constitution.

Subject Name	Subject Code	Program Name/ Dept.	
Indian Constitution	MC EE 301	B.Tech in Electrical Engineering	

Institution also arranges Group Discussion and Debates, quiz competition on the occasion of Women's Day etc. to inculcate in students' values and lessons pertaining to Gender Issues.

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

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

Response: 29.79

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

Response: 300

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

1.4 Feedback System

1.4.1 Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website (Yes or No)

Response: Yes

File Description	Document
Upload supporting document	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Enrolment percentage

Response: 27.24

2.1.1.1 **Number of students admitted year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
65	108	114	86	131

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

2021-22	2020-21	2019-20	2018-19	2017-18
340	440	420	420	230

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

2.1.2 Percentage of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (Exclusive of supernumerary seats)

Response: 28.32

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

2021-22	2020-21	2019-20	2018-19	2017-18
65	75	58	27	37

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

2021-22	2020-21	2019-20	2018-19	2017-18
170	220	210	210	115

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

2.2 Student Teacher Ratio

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

Response: 13.08

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 using ICT tools

Response:

In OmDayal Group of Institutions, we conduct innovative programs which stimulate the creative ability of students and provide them a platform to nurture their problem-solving skills and ensure participative learning. Students participate in Technical fest organized by the institute to showcase their learning in the form of innovative projects.

Below mentioned efforts are adopted by our college to make learning activity more interactive.

Experiential Learning, Participative learning, Problem Solving methodologies:

- Add on courses on latest technologies with NPTEL, ICT-IITK, SAP, and Coursera etc.
- Summer Internship to have hands on training
- Industrial Visits to engage them in experiential learning
- Students participate in events such as simulated stock exchanges or hackathons
- Annual Tech fest - It is organized every year by the students
- Quizzes are organized for student participation at intra or inter college level
- Students develop technical skills while presenting papers in seminars
- We encourage to students in publishing of papers in conference and journals
- Annual Event Architect Of The Times (AOTT) is organized by the department of Architecture
- Regular Assignments based on problems
- Class presentation

The below mentioned tools are being used by the teachers of our institute for enhancing learning experiences using ICT tools:

- Seminar Room: In Each department one seminar room facilitate with Projector, Podium,

Microphone, Sound System, computer is available. Also, a central Seminar Hall is available.

- Desktop & Laptops: One computer Laboratory is available to use for each department facilitate with Projector, Microphone etc. & sufficient number of computers are available for use in each department. Printers are installed at HOD room, at library and all prominent places. Multifunction printers are available at college office and other prominent places.
- Smart Board is available and used by all departments when needed.
- Online Platforms used: exam.omdayal.net, Microsoft Team, Google Meet, Google Classroom, Zoom
- Digital Library: We developed a portal (**srm.omdayal.net**) for the students where students can access the E-versions of the books available in our library. Also, we have subscriptions of

  - **Kopykitab.com** where students can get access a lot of books.
  - **Developing Library network (DELNET)** where students can get access to read research articles from various journals.
  - **Employment news** magazine to keep them updated about job information.

- MOOCs Platforms: NPTEL, COURSERA, UDEMY

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

2.4 Teacher Profile and Quality

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

Response: 99.18

2.4.1.1 **Number of Sanctioned posts / required positions for teaching staff/ full time teachers year wise during the last five years:**

2021-22	2020-21	2019-20	2018-19	2017-18
77	76	73	71	70

File Description	Document
Upload supporting document	[View Document](#)

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

Response: 9.34

2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
9	8	6	7	4

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

2.5 Evaluation Process and Reforms

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

Response:

There is a standard process of internal examination in the college. According to the academic calendar released by MAKAUT, a student has to appear in 4 Continuous Assessment (CA) test and 2-terminal examinations, in each semester. The schedule of the internal examination is decided at the beginning of the session, in the form of academic calendar. According to the academic calendar, Continuous assessment test are conducted, which mostly in the form of written test, but during Pandemic we conducted the internal assessment in virtual mode also, using a portal (omdayal.net/exam) developed by our institution. Also, we conducted the tests through Google classroom. Made the assessment through Power Point Presentation, quiz on subject, Assignments or by other method, which the subject teacher decides. The marks of unit test along with the answer scriptused to share in the Portal and classrooms after the exam, so that, each student can ask about their performance and can observe their test copies. In addition to this, teachers analyses the solution and method of solving the paper in the class-rooms. If there is any difference or discrepancy in their marks, it can immediately be corrected. Record of obtained mark is written in register and later it is uploaded to university portal through the individual teacher's login. The test copies of unit test is kept at department level for future reference and record. The concerning subject teacher and also the Exam controller section of the college keeps the record of all the question papers of continuous assessment test.

- Grievance related to internal exams might be due to errors in question, incomplete question or question being out of syllabus, If any such incidents occurs, immediate action is used to be taken by the controller of examination.

Actions:

If grievance related to errors in questions or question out of syllabus or incomplete question occurs, the same may be verified by the concerned subject teacher and the department and immediately clarified to the students and rectified if necessary.

After the exam, internal examination copies are also shown to the students, and if any grievance related to marks is reported, the concerned subject teachers use to elucidate the matter to the students and fix it.

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

2.6 Student Performance and Learning Outcomes

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

Response:

The college has clearly stated Programme Outcomes and Course Outcomes. Program outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students. The Vision and Mission statements are displayed on the college website as well as in the college campus. These outcomes have been set, taking into account the variety of programmes and the heterogeneity of rural and urban students. The Course Outcomes are mentioned by the affiliating university in the syllabi prescribed to each class. Faculty and students are expected to know them by heart. In the beginning of every academic year the Programme outcomes are verbally communicated to the students by teachers and during the Principal's address. They are also displayed on college website and brochure. Course Outcomes as well as Learning Outcomes depend upon the nature of course and the subject concerned. They are also defined by university and are

clearly mentioned in the syllabus of particular class and subject. The Programme Specific Outcomes are closely related to the content of the syllabus. They are syllabus oriented and may vary as per the subject. All these outcomes are explained to students in the classrooms directly or indirectly. There are some universal learning outcomes also which are inherent in every syllabus. The students are encouraged, guided to learn and imbibe these outcomes. They are also percolated to students through organization and participation of co-curricular and extra-curricular activities. Every department plans and conducts all activities in light of the programme outcomes, course outcomes. There are certain ways to assess whether the programme outcomes have been achieved or not. The performance of students in university examinations and in different internal examinations is a parameter of outcome assessment. For the assessment of students, summative and formative approaches are followed to get intended learning outcomes. The teaching-learning and assessment processes are reviewed by the IQAC through academic and Administrative Audit. It includes an external peer team member. Records of academic results and other achievements are maintained by the departments or the units. They are submitted to the IQAC at the end of academic year. The feedback obtained from students on the teaching- learning process help to understand the expected learning outcomes. Secondly, the students overall performance in co-curricular and extra-curricular activities as well as his behavior on and off the campus help to judge the programme or course outcomes. The college tries its level best to inculcate above mentioned outcomes.

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

2.6.2 Pass percentage of Students during last five years

Response: 98.34

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

2021-22	2020-21	2019-20	2018-19	2017-18
266	164	249	170	156

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

2021-22	2020-21	2019-20	2018-19	2017-18
269	166	251	175	161

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

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.29

File Description	Document
Upload database of all students on roll	[View Document]()

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

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

Response: 7.35

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

2021-22	2020-21	2019-20	2018-19	2017-18
0	2.8	.50000	.30000	3.75

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

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Response:

The college has always believed in transcending boundaries with respect to innovative research work, primarily pertaining to the field of technology and architecture. Creativity, innovation and research are the pillars of growth and development in the 21st century, and our college has successfully built an ecosystem to encourage and sustain original ideas and prudent execution, through collaboration and transfer of knowledge. In our institution, students, faculty members, have consistently joined hands in the ideation of a myriad of research-driven projects, aimed at understanding scientific principles, or at creating prototypes. Some of our current activities and bodies, stand as a testament to our success in this endeavor are :

The R&D Cell : The R&D and Consultancy Cell works in collaboration with the Academic Council regarding the establishment and promotion of excellence in the field of institute's R&D, and other academic and research training activities. Prof. Santosh Das, Assistant Professor, Computer Science & Engineering Department applied for a Patent application no TEMP/E-1/50200/2022-KOL named "AN INTEGRATED IOT AUGMENTED REALITY-BASED FRAMEWORK FOR HEALTH MONITORING SYSTEM"

There is a separate mathematics research lab for numerical simulation. Dr. Prosenjit Sen – Associate Professor of the Science and Humanities Dept is guiding 3 research scholars, such as J. Saha, R. Sarkar and

S.Hazra under MAKAUT.

The KAPILA Committee : It has been set up in college with the objective of recognising, facilitating and felicitating the Intellectual Property, innovations, and best practices in the college. KAPILA helps in establishing the much required IP filing ecosystem in a large number of education institutions and thus creates a culture of systematically protecting new ideas, research, and innovation having national and global relevance.

Innovation Cell and Council : ODGI works on a holistic 5 growth building pillars, for building an Entrepreneurial mindset and learning environment to Learn, Collaborate and Socialise. These 5 pillars act as a policy framework covering all streams to strengthen our education system.

1. PRE-INCUBATION CENTRE

Activities:

Budding CEO talk

Tech talk

Startup Conclave

Funding Conclave - Government funding options (MSME + NSTEDB), Angel Funding etc.

can be planned and executed, Workshop on patenting and Technology transfer.

2. TRAINING- CENTRES

The institute has initiated a number of measures to improve the start-up ecosystem in the campus by setting up training centers.

3. BUSINESS SUPPORT:

Guiding is one factor that can boost the start-up ecosystem in the right direction. Every incubation program also gives business support to assist the start-ups in managing their future market and business related issues.

4. ENTREPRENEURSHIP AWARENESS PROGRAMME

ODGI in association with DST, Government of West Bengal organises Entrepreneurship awareness program on regular basis. Students from all departments participate in this program.

5. FUNDING

All departments are also continuously striving towards contributing positively to the research ecosystem of the institution.

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

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

Response: 56

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

2021-22	2020-21	2019-20	2018-19	2017-18
18	15	13	8	2

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

3.3 Research Publications and Awards

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

Response: 0.68

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

2021-22	2020-21	2019-20	2018-19	2017-18
8	9	15	13	7

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

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

Response: 0.21

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

2021-22	2020-21	2019-20	2018-19	2017-18
6	8	1	1	0

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

3.4 Extension Activities

3.4.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.

Response:

The college provides its students with a myriad of opportunities to apply their holistic knowledge through activities which are enriching for the growth of the students' academic and professional capacities.

The college has a number of committees to engage students in such activities. The college has one NSS cell. The NSS cell organised various awareness camps to clean the campus and its surroundings.

They distributed Posters and leaflets among the local people and shopkeepers to prevent Dengue and Chikungunia. The college has also taken initiative to spread the awareness about conservation of water and also harvesting the rainwater.

On different occasions the college organised tree plantation programs inside and also in areas around the college. Also on the occasion of Earth Day the college distributed seed-balls among the students to encourage them. To make a green eco-friendly campus, separate dustbins have been installed within the campus to collect biodegradable waste and non- biodegradable waste. To inculcate human values in students and to make them socially responsible individuals the college organised youth empowerment and skills workshop on 03.12.2021 with the help of The Art of Living organisation. Around 40 students were present at that program. During the Pandemic the institute has taken several posters, leaflets campaigning to prevent and control the COVID. The institution has also organised a workshop for disabled students. An anti-plastic campaign was also organised under the Swachh Bharat Abhiyan, outside the college premises on 2.09.2022. Armed with placards containing meaningful slogans and information, and brooms, 15 student participants marched steadily outside the college campus, into a neighbouring area, consisting of several local shops and eateries, thereby, littered with a lot of organic and inorganic waste materials. Under the guidance and supervision of the teachers, some students stood on each side of the road with the placards, while others picked up their brooms, dusted the road and collected littered trash to dispose of

them in dustbins, which were being carried by college staff. This not only helped students to convey a strong message of awareness and hope among the onlookers, but also generated a sense of team-building among them. It was an instance in which students received the opportunity to learn by 'doing'. We hope to organise more of such events in future

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

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

Response:

Prof. Santosh Das has awarded as Top Spoc in Secure Bengal2021 Hackathon Challenge, conducred by Department of Information Technology & Electronics , Government of West Bengal. Prof. Indrani Mukherjee has awarded as Program Committee Member & Reviewer in the International Conference on Data Science & Applications (ICDSA 2022) conducted by Jadavpur University, Kolkata.

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

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organised in collaboration with industry, community and NGOs) during the last five years

Response: 15

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**

2021-22	2020-21	2019-20	2018-19	2017-18
8	1	1	3	2

File Description	Document
Institutional data in the prescribed format	View Document

3.5 Collaboration

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

Response: 11

File Description	Document
Institutional data in the prescribed format	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 Availability of adequate infrastructure and physical facilities viz., classrooms, laboratories, ICT facilities, cultural activities, gymnasium, yoga centre etc. in the institution

Response:

The institute continuously strives to create and enhance infrastructure both in terms of buildings and other facilities to provide a good teaching-learning environment. The institute campus area is 3.32 acres, on which building construction is 20464 Sq. Mtrs. The Engineering and Architecture are located in the separate blocks. It is equipped with modern facilities and learning resources to achieve academic excellence according to its vision and strategic objectives. Institute encompasses enough well-furnished, well ventilated, spacious ICT enabled classrooms for conducting theory classes. ICT Classrooms where the provision of Multimedia learning, Wi-Fi connectivity and internet access is given. The Institute has multiple seminar halls. These halls are regularly used for conducting seminars at the institute. The students are promoted for active involvement in paper presentations, group discussions, etc. as the institute has local students' chapter of The Institution of Engineers (India). The institute also has spacious playground. Students are encouraged for Extra Curricular activities organized by departments. The students are promoted for active involvement in paper presentations, group discussions, etc. and two seminar halls are used for the same. Separate tutorial rooms available for tutorial lecture, doubt clarification and special remedial classes for weak and needy students. Labs are as per AICTE & COA and MAKAUT norms and utilized for conducting practical classes to fulfil the curriculum requirements, technology learning & beyond the syllabus training. All laboratories are well equipped with state-of-the-art equipment and facilities. Labs are also utilized for technology learning & training as a part of teaching contents beyond the syllabus. Computer Labs have sufficient licenced and open source softwares to cater the requirements of curriculum & industry enabled teaching. It is 24*7 Wi-Fi enabled campus with 100 Mbps. Internet facility. The libraries at this institute are integrated knowledge resource centres comprising, an Engineering Library and an Architecture Library. Both libraries are fully computerized with a collection of 3294 book titles and 15050 volumes and e-books 476 tiles and 2456 volumes of e-books, covering all major fields of science, engineering, and architecture. The students can also access NPTEL Video/Web Course from the library. Besides that the institute is a Club member of National Digital Library from where students can access enormous learning resources. The institute has also subscribed the Delnet - E-Consortium to access to popular peer reviewed journals from the cloud.

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

4.1.2 Percentage of expenditure, excluding salary for infrastructure augmentation during last five years (INR in Lakhs)

Response: 25.73

4.1.2.1 **Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
36.06	4.0	95.05	100.04	74.81

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

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS), subscription to e-resources, amount spent on purchase of books, journals and per day usage of library

Response:

Features of LIBSYS

LSEase LMS run on any operating system & support for multimedia files. Interactive, screen oriented and menu driven user interface. It is a package bundled with basic library management modules. The various LSEase modules are: Acquisition, Cataloguing, Circulation, Serial. LSEase supports MARC 21 with full support for RDA. It supports AACR-2 and ISBD formats. Circulation can be handled using Biometrics, Bar-code ID cards can be printed along with an option of attaching members' photographs.

Central Library of OmDayal Group of Institutions, Uluberia, Howrah.

ODGI Central Library is located on the 1st floor of Main Building. Architecture Library is on 1st Floor of Architecture Building beside Main Building spreading over approximately 636 Sq.m. Proper signage for books, journals, periodicals and newspapers section has been marked. Books are categorized and arranged discipline-wise in wooden racks. Separate sections for Text Books, Reference books and New Arrivals are also maintained. OPAC for browsing library resources has been installed in reading room. Both Libraries have computers and communication network and combined seating capacity of 160 readers. The library is equipped with CCTV and Wi-Fi connectivity. The library is fully automated with LIBSYS library management software (LSEase1.0) used for Acquisition, Cataloguing, Circulation, Procurement of books, Serial control modules and Web-OPAC, with barcode technology. Web-OPAC facilities are available from intranet (http://192.168.104.6:8380/opac/). The barcode ID and scanner are used for charging and discharging the books. The ODGI library has a generous collection of Engineering, Management, Basic Science, Humanities, Social Sciences and Career Guidance books (approx. 15050 as on 31/12/2022), Scientific Journals etc. Separate stacking racks are maintained for books, journals, magazines and newspapers. For cataloguing AACR2R and for classification DDC (23ed.) are followed.Both libraries are fully computerized with a collection of 3294 book titles and 15050 volumes and e-books 476 tiles and 2456 volumes of e-books, covering all major fields of science, engineering, and architecture. The students can also access NPTEL Video/Web Course from the library. Besides that the institute is a Club member of National Digital Library from where students can access enormous learning resources. The institute has also subscribed the Delnet - E-Consortium to access to popular peer reviewed journals from the cloud.

Digital Library

The Central library as well as the Architecture library have a digital library section with 10 systems. DELNET is provided within the campus and also outside the campus through delnet.in (with User Id and Password) NPTEL lessons are accessible through LAN.

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

4.3 IT Infrastructure

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

Response:

The Institute is committed to providing state-of-the-art IT infrastructure and services. Internet service is available for both the faculties and students on the campus with 100mbps speed. All systems in the campus have internet facility and connected with LAN. The college provides internet facility to all systems of the institute irrespective of the departments to preserve and download materials for academic purposes as and when required. With the growth of users, IT services and increasing internet bandwidth demand, the institution has scaled up the switching capabilities and implemented latest managed through optical fibre cables and Wi-Fi access. There are 14 Unifi AP Wi-Fi devices have been installed in the premises. For easy of access, all the blocks have been removed by installing Router (Cyberoam 50img). Total The Institute has high-end core switches and servers. There are 19 pcs Gigabit switches and 4 pcs. ordinary switches. All switches are 24 port. There is a CP4 XEON Intel : RAM : 8GB: HDD:, 2TB, Windows – 2008 Server installed. The upgradation of computer systems is a periodic procedure. Obsolete computers are duly replaced, as and when required. The printers and scanners are also upgraded with new additions to the laboratories, office, library, and departments. The bandwidth has been progressively increased from 16 Mbps to 100 Mbps following the prescribed norms of AICTE. All the seminar halls have been installed with LCD projectors. Biometric scanner-based attendance capturing system is also available for staff members.

PC Configuration :

a.   CPU : Intel Pentium Dual Core

b.   RAM : 4 GB

c.   HDD : 500/250 GB

Updates and upgradation : Updates of software, antiviruses are firewall are updated through cloud portal on a regular basis. Wi-Fi access points are placed in various places like library, corridor, Labs, Hostels,

Canteen and Outdoor. Wi-Fi access is provided to all the students which is strictly monitored and controlled by the IT department for secure content access.

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

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

Response: 4.38

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

Response: 230

4.4 Maintenance of Campus Infrastructure

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

Response: 74.29

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

2021-22	2020-21	2019-20	2018-19	2017-18
185.03	126.22	181.68	201.98	200.2

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

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Percentage of students benefited by scholarships and freeships provided by the Government and Non-Government agencies during last five years

Response: 28.53

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

2021-22	2020-21	2019-20	2018-19	2017-18
701	206	169	81	114

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

5.1.2 *Capacity building and skills enhancement initiatives taken by the institution include the following*

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

Response: A. All of the above

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

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

Response: 10.46

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

2021-22	2020-21	2019-20	2018-19	2017-18
163	52	169	32	50

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

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

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

Response: A. All of the above

File Description	Document
Upload supporting document	[View Document](#)

5.2 Student Progression

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

Response: 38.31

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

2021-22	2020-21	2019-20	2018-19	2017-18
137	80	68	71	29

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

2021-22	2020-21	2019-20	2018-19	2017-18
266	164	249	170	156

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

5.2.2 Percentage of students qualifying in state/national/ international level examinations during the last five years (eg: JAM/CLAT/GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 72.55

5.2.2.1 *Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ Judicial Services/Public Prosecution services/All India Bar Exams/State government examinations) year wise during last five years*

2021-22	2020-21	2019-20	2018-19	2017-18
9	5	5	14	4

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

2021-22	2020-21	2019-20	2018-19	2017-18
12	9	7	15	8

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

5.3 Student Participation and Activities

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

Response: 13

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*

2021-22	2020-21	2019-20	2018-19	2017-18
4	3	4	2	0

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

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

Response: 5.4

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

2021-22	2020-21	2019-20	2018-19	2017-18
7	5	7	5	3

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

5.4 Alumni Engagement

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

Response:

1. Book Donation: Contribution by donating Books.

2. Alumni Interaction: Alumni of ODGI are invited as resource persons at various events, guest lectures and webinar. They provide inputs and share their experiences regarding skills, recent technologies & trends in Industry, application of knowledge and corporate working culture.

3. Placement & Career Guidance Assistance: Alumni keep the faculties and the placement officer abreast about the available job opportunities. They assist and guide the students to crack the interviews.

4. Arrangement of Industrial visit: Our alumnus help in organizing industrial visit to the organization they are working with.

5. Summer Internship Opportunities: Our Alumniprovides opportunities of Summer Internship in various companies to the students.

6. Entrepreneurship Awareness: Some of our Alumni have established startups in different sectors, many of them are first generation entrepreneurs. They enlighten the students with their success stories and challenges faced.

7. Alumni Talk: We at ODGI have a tradition of inviting alumni for Annual Alumni Meet both in virtual and Physical mode. In this meet the alumni get chance to reconnect with the Alma mater and old friends. This is the best platform for networking and sharing new trends and current happenings in the corporate world.

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance and leadership is in accordance with vision and mission of the institution and it is visible in various institutional practices such as decentralization and participation in the institutional governance

Response:

Vision:

To become an institute of repute and bring about a change in the sphere of technical education in Bengal by offering a full range of programs of global standard, and to transform the students into globally competent personalities.

Mission:

1. To provide state-of-the-art resources required to achieve excellence in teaching-learning, and supplementary processes
2. To provide Faculty and Staff with the required qualification and competence
3. To motivate for their holistic development
4. To provide opportunity to the students to bring out their   inherent talent

The decentralized and participative management is present in various   institutional practices as follows:

1. At the highest level, the Director/Principal, Vice Principal nominates different committees for planning and implementation of different academic & related activities.
2. At the department level, HODs/TICs assign different activities to different faculty members & staff for implementation. He or she also nominates class in-charges for different years, which monitors the respective students.
3. Different committees control and implement different activities and report to higher management. Following is the detail of different committees:
4. IQAC cell
5. Academic Committee
6. Admission Committee
7. Alumni Committee
8. Anti-ragging committee
9. Training & Placement cell
10. Examination & Time Table committee
11. Sports & Cultural committee
12. R&D cell
13. Library committee
14. Industry-institute interaction committee
15. Transport committee

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

6.2 Strategy Development and Deployment

6.2.1 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, deployment of institutional Strategic/ perspective/development plan etc

Response:

Online teaching, learning and evaluation is implemented along with normal offline classes and evaluation processes.

1. Class notes are shared to the students using Google classroom.

2. Assignment submission & checking using Google classroom.

3. Coding assignment & test through onlinegdb.com 4. Practical classes through virtual labs.

1. Internal subjective evaluation through Google classroom.
2. MCQ based internals through college portal.
3. Viva voce through Google classroom.

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

A hierarchical sets up is established from top management to down the level clearly demarking the Duties, Responsibilities, Accountability and Authorities at every stage. It has an effective organizational structure which monitors and improves the institution.

Through the practical experience of management, hierarchical set up has been designed in a scientific and transparent manner to obtain the best results from it. The hierarchical set up was created from top management down level to clearly delineate duties, responsibilities, accountability, and powers at each stage.

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

6.2.2 Implementation of e-governance in areas of operation

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

Response: A. All of the above

File Description	Document
Upload supporting document	[View Document](#)

6.3 Faculty Empowerment Strategies

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

Response:

Employees Provident Fund as per PF rules are given PF benefits right from the day of their joining in the college. The payment made towards this Rs. 14765612/-

The institution grants leaves for research related activities. There are 09 full time faculty members who have completed their Ph.D work on part time and allowed paid leave once in week for 3 years. On- duty Leaves provided for research paper presentation, research guide consultation, Faculty and skill development programs.

Group health insurance policy is available with giving a token contribution by the management. The payment made towards this Rs. 4,87,500/-. Maternity leave is available for the female employees.

The students are also covered by insurance. The payment made towards this Rs. 73005/-

Gratuity provision is availble in organisation according to the rule and payment has been made so far towards the Gratuity benefit of the employees is. Rs. 459161/-.

The college has an infirmary, with a qualified doctor on call.

Non-teaching staff are encouraged improved their qualifications with the help of the college, by allowing them to pursue part time courses. Welfare measures for non-teaching members. Non-teaching staff are entitled to the Ex-gratia Benefit, Mediclaim-Health Insurance. ESI provides socioeconomic protection to staff drawing the salary less than 21000 per month. The payment made towards this Rs. 5,64,614/-

Staff are allows to avail transport facilities on reasonable cost. Free uniforms for Group-D employees.

Performance Appraisal System

The performance of each employee is assessed annually after completion of one year of service. The

various parameters for staff members are assessed under different categories i.e., Character and Habits, Departmental Abilities, Capacity to do hard work, Discipline, Reliability, etc.

Teaching Staff: The Self-Assessment for the Performance Based Appraisal System proforma filled by the Faculty Member is checked and verified by the HoDs, and the Director/Principal and Secretary of the Promoting Society. The institute undertakes a wide range of activities besides academics, for which faculty members are assigned additional duties and responsibilities, which are mostly voluntary. The Institute accords appropriate weightage for these contributions in their overall assessment. Financial Upgradation / Promotion is recommended based on their overall performance by the Director & Principal of the Institute.

Non-teaching staff are also assessed through annual confidential reports and annual performance appraisal. The overall assessment is based on the cumulative grade by the Reporting Officer/HoD, which is then forwarded to the Director and Principal. On satisfactory performance, employees are granted promotions and financial upgradation. The Annual Confidential Report and the Performance Appraisal System has significantly helped in performance evaluation, in motivating them, analyzing their strengths and weaknesses, and ensuring better performance.

File Description	Document
Upload Additional information	View Document

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

Response: 9.07

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**

2021-22	2020-21	2019-20	2018-19	2017-18
9	9	3	5	7

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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

Response: 24.18

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

2021-22	2020-21	2019-20	2018-19	2017-18
34	18	15	11	11

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

2021-22	2020-21	2019-20	2018-19	2017-18
2	0	1	1	0

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

6.4 Financial Management and Resource Mobilization

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

Response:

Financial Audit:

Financial Audit, both internal and external, is an important component of smooth functioning of an establishment. We undertake serious consideration in executing internal audits with experienced member staff of our institution, headed by a senior Chartered Accountant. The day-to-day expenditure is usually audited at the end of each quarter.

An audit farm of repute is assigned with the task of periodical external audit. The queries raised in the course of external audit are suitably replied to by the internal audit team and the problems, if any, are regularized accordingly. Our ultimate aim is to attain cent percent transparency in the financial matters and maintenance of account books as per guidance of the audit team.

Institutional strategies for mobilization of funds and the optimal utilization of resources:

The College is a self-financed institution, where the funds are generated through the fees paid by the students. Deficit is managed by taking advance from the parent trust. These funds are utilized for research

and laboratory development. There is a well-defined mechanism to monitor effective and efficient utilization for the development of academic processes and infrastructure development. The institutional budget is prepared by the Accounts department every year. Accordingly, all the administrative and academic heads are requested to submit the budget required for the subsequent financial year. All the major financial decisions are taken by the Director/Principal and Accounts department at Head Office. As and when urgent requirements arise it is given after sanctioned received from accounts office.

Institute adheres to Utilization of budget approved for academic expenses and administrative expenses by the management. The purchase committee, which includes all HoDs and account officers, calls the quotations and after the negotiations purchase order are placed. All transactions have transparency through bills and vouchers. The payments are made after testing & verification of items through NEFT or cheque. Financial audit is conducted by chartered accountant every financial year.

File Description	Document
Upload Additional information	View Document

6.5 Internal Quality Assurance System

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

Response:

Practice 1:To increase the employability skills of the students, OmDayal Group of Institutions is organizing overall training including aptitude, coding, core engineering, and personality test for students by experts. The training is covering 2 semesters with multiple tests for different skills. Students know their weakness and strong points in those tests and can increase their employability skills. It is started for the 3rd year students such that they can perform well in various written exam and interviews in the final year. This is running parallel with other curricular activities.

Practice 2: As a quality improvement strategy, Internal Quality Assurance Cell (IQAC) emphasizes on outcome-based education (OBE). An online workshop on OBE was organized by the college. IQAC also introduces mini projects for the practical classes. Students are doing mini projects with the knowledge gained in each practical subject. This will be different from practical experiments. Before the final year major project the students are getting a fair idea of different projects. They can understand how a complete application can be done. For each theory subject faculty are also encouraged to include some topic outside syllabus.

IQAC reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Example 1: Each department records its activities at the end of the month. The departments try to organize activities for students and faculty members. If any activity is missing in a month, the department tries to

organize it in the following month.

The activities include following:

1. Students' achievements
2. Conferences/Seminars/ Workshops/FDP organized
3. Conferences/Seminars/ Workshops/FDP attended
4. Industrial visits arranged by the department
5. Guest lecture arranged by the department
6. Publication in conferences & journals
7. Faculty achievements
8. Achievements of the departments etc.

Example 2: The IQAC introduces different feedback systems with the existing to improve its teaching learning process, structures & methodologies.

Now the institution is using the following feedbacks:

1. Students' mid semester feedback
2. Students' end semester feedback
3. Students' feedback attainment of CO
4. Student satisfactory survey
5. Exit feedback
6. Alumni feedback
7. Employer feedback
8. Faculty feedback

6.5.2 Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
2. **Collaborative quality initiatives with other institution(s)/ membership of international networks**
3. **Participation in NIRF**
4. **any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA, ISO Certification etc**

Response: B. Any 3 of the above

File Description	Document
Institutional data in the prescribed format	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity and Institutional initiatives to celebrate / organize national and international commemorative days, events and festivals during the last five years

Response:

National Mathematics Day:-

OmDayal Group of Institutions celebrates the National Mathematics Day to mark the birth anniversary of famous Indian Mathematician Srinivasa Ramanujan on 22nd December each year. In 2022 The Department of Mathematics of ODGI organized a online quiz competition on that day. First and second year B. Tech students of different departments took part in the program. Each student was given 5 minutes to submit their answers. The program started at 1:30 pm. Total 98 students participated in the competition. It was interesting session. E-certificate was given to first three students.

World Earth Day:

OmDayal Group of Institutions organizes an awareness program on the occasion of World Earth Day in 22nd April each year under "Ek Bharat Shresta Bharat" initiative. In 2022 the students and faculty members participated in the program. The objective of this program was to spread awareness among people about saving our environment from various types of pollution and to plant more and more trees to make our mother earth full of greenery.Trees and seeds were distributed among the students and the Principal started the plantation drive. During the hour long program the Principal appreciated the efforts of the students. The program was ended with the wish from Department of Science & Humanities of OmDayal group of Institutions by taking the oath to continue taking steps towards saving the planet.

National Science Day:

The institute celebrates the national Science day on 28th February every year to commemorate the discovery of the 'Raman Effect' by the great Indian physicist Sir CV Raman. This year a short programme was organized in 10:30 am morning in virtual mode in which a speech on significance of the day was delivered by Dr. Sukanya Das Chandra, HOD - Science & Humanities. One of the parts of the programme was the PPT presentation by the students about the emerging trends in modern Science. The students were very much enthusiastic about the presentation. The programme ended with the vote of thanks by Prof. Arghya Dey, Faculty of Physics.

Matribhasa Dibas:

OmDayal Group of Institutions celebrates the Matribhasa Diwas to honor our mother tongue to promote linguistic diversity on 21st February every year. In 2022, the Department of Science & Humanities of ODGI organized an online event on that day. Students of different departments took part in the program. The program started at 10 am. Each student was given 5 minutes to present their activity in their mother tongue. The programme ended with the vote of thanks by Dr. Sukanya Das Chandra.

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

7.1.2 The Institution has facilities and initiatives for

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

Response: A. 4 or All of the above

File Description	Document
Upload supporting document	[View Document](#)

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

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

Response: C. Any 2 of the above

File Description	Document
Upload supporting document	[View Document](#)

7.1.4 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic diversity and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

The Institution has conducted several programs for providing an inclusive environment. Various initiatives for promoting tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic, and other diversities have been taken.

To prepare dynamic and caring citizens to meet the challenges of global society while retaining their traditional values", the institution believes in equality of all cultures and traditions as is evident from the fact that students belonging to different caste, religion, regions are studying without any discrimination.

Though the institution has diverse socio-cultural background and different linguistic, there is no intolerance towards cultural, regional, linguistic, communal socio-economic and other diversities.

The college and its teacher and staff jointly celebrate the cultural and regional festivals, like Republic Day, Saraswati Puja, Independence Day,Viswakarma Puja,Fresher Party ,teacher's day, orientation program, Induction program. These events are organized at different levels- departments, hostels. Apart from these the annual cultural fest is also organized by the students known as "Ullash" each year.

Motivational lectures of eminent persons of the field are arranged for all-round development of the students for their personality development and to make them responsible citizens following the national values of social and communal harmony and national integration. Besides academic and cultural activities, we have built up many strong infrastructures for a variety of sports activities for the physical development of the students.

The institution has actively participated in "*Ek Bharat Shrestha Bharat*" campaign on the anniversary of SardarVillabhai Patel. There is a well organized EBSB cell, under which different activities have been organized. Some of these activities are:-

1. Jal Shakti Abhiyan

2. Online Awareness Activities like on Intellectual Property Right, Science Day etc.

3. Azadi ka Amrit Mahotsav

4. Tours and summer camps.

Industrial visit is one of the most important aspect of technical study. It develops networking opportunities for the students with the company's HR, thereby increasing the opportunities for internships, placements, etc., for students. A tour was organized jointly by Civil Engineering Department of our college at a construction site maintained by ITD Cementation Ltd at Haldia Dock Complex, Haldia, Purba Medinipur on 21st October, 2019 to experience various professional measures needed to be taken during the field job environment. Total 30 students from all years of Civil Engineering department had participated in the event and Prof. Gautam Bondyopadhyay, Prof. Kamrul Alam, Prof. Pradyut Samanta, Mr. Palash Das joined the event as member of faculty of Civil Engineering Department with Mr. Saurav Paladhi as management member of college. The tour was very informative and resourceful as our students had experienced and learned many things during the event and also enjoyed the tour.

In this way the institute has taken various efforts/initiatives in providing an inclusive environment foreveryone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities.

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

7.2 Best Practices

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

Response:

Best Practice 1

1. **Title of the Practice**

Outcome based quality enhancement program through course specific mini project.

2. **Objectives of the Practice**

Objectives of this practice are

? To develop the institutional culture to engage students and gain more course specific knowledge.

? To maintain a balance between the old paradigm of teaching learning process with application based learning.

? To help teachers benefit from the student feedback and evaluation on teaching methodology and classroom learning process.

? To helps the institution in getting the students' insight on any course with overall potential.

? To helps the institution in getting the students' insight on any course with overall potential

? To involve students and faculty members in testing and consultancy activities for various organizations.

3. **The Context**

Students are considered as skilled human resources who will take part and contribute to the overall growth and development of business and industry. They are the most important entity who would continuously struggle to develop the frontiers of knowledge. Students' participation in the quality enhancement is viewed as an opportunity where they can participate in its continual development process. It will produce a sense of belongingness towards the Institution and a sense of responsibility for maintaining and protecting the performance excellence of the establishment.

In any educational institute teaching is the core area where efficient handling of the teaching-learning practices can engage the student in some constructive way. Student-friendly teaching learning environment can be created to foster a better learning among students. To accomplish this aim we will provide provision in curriculum to accommodate employability enhancement courses and industry oriented advanced courses satisfying both statutory body requirements and programme specific demands

4. **The Practice**

- Student Council / Alumni/ Governing Body are consulted on various course specific project/model.

- The Internal Quality Assessment Cell (IQAC) of ODGI organizes alumni participation programmes on regular basis to discuss on various cutting edge technologies which can be included as mini projects.
- ODGI alumni representatives are a part of Board of Studies who shares valuable opinions about projects.

5. Evidence of Success

Success is the most important aspect in any system. It has been observed that the students have shown keen interest in implementing the knowledge based application development. Students are willingly participating in such activities which have given them an opportunity to apply the knowledge gained from curriculum with some practical exposure. Regular feedback has enabled the institution to add value to the existing academic and make it student centric.

6. Problems Encountered and Resources Required

The challenges to adoption and implementation of this practice are in the form of understanding and definition of quality among the students. Students come with varied interests and understanding on quality in academic and administrative practices making it difficult to arrive at a consensus on quality standards. A certain amount of rigidity exists in the classroom teaching and examination processes and students perception of these aspects may act as a limitation in adopting some suggestions.

Resources would be required in terms of time spent on these exercises. Proper adjustment of routine to include sufficient time for mini project is essential. A comprehensive and updated list of alumni profiles tracking their career growth is also an essential resource. This would help the institution invite those that may be instrumental in giving important inputs in the process of quality enhancement. A comprehensive feedback system where students can voice their concerns and rate various academic aspects of the institution is another requirement for earmarking areas for quality improvement.

Best Practice 2

1. **Title of the Practice:** Use of virtual Lab to gain knowledge on fundamental and advanced topic
2. **Objectives of the Practice**

- Remote access to labs in a range of science and engineering areas. Students at all levels of education, including undergraduates, postgraduates, and research experts, would benefit from these Virtual Labs.
- To stimulate students' interest in doing experiments by motivating their curiosity. Through remote experimentation, they will be able to acquire fundamental and complex topics.
- To provide a full Learning Management System focused on the Virtual Labs, where students can access a variety of learning resources, such as extra web resources, video lectures, animated demonstrations, and self-evaluation.

1. **The Context**

- National Mission on Education through Information and Communication Technology, under the Ministry of Human Resource Development (MHRD) of the Government of India has launched the Virtual Labs project (NMEICT).

- We can take practical practice sessions online using Vlab. Through remote experimentation, they will be able to acquire knowledge o fundamental and advanced topics.
- The teacher can explain dynamic programme execution on various inputs.
- All Science and Engineering College students and faculty members who do not have access to good lab facilities and/or tools.

1. **The Practice:** In laboratory conduction, most of the faculties conducted an experiment of a virtual lab for the students. Students are encouraged in doing experiments through remote PC also so they will be able to utilize their free time efficiently.
2. **Evidence of Success:** Virtual Lab attendance of students and photos.
3. **Problems Encountered and Resources Required**:

There are some selected subject wise experiments in the Virtual lab. All the faculty members and students could not able to take the advantage of this lab.

7.3 Institutional Distinctiveness

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

Response:

The institute has established several committees to look after the need of the students and to make them ready for the industry as well as in academics. The institute has established an Entrepreneurship Development Cell in order to make the students motivate and help the students to convert their ideas into business through products. The college has also established an Alumni Committee to connect with the alumni for any kind of assistance in the future for the sake of the students of ongoing batches.

The College has also organized several quiz competitions to encourage and to motivate the students.

College of Architecture of OmDayal Group of Institutions conduct yearly conference and workshops named 'AOTT' (Architect of the Times) by bringing in practicing professionals as speakers. Main objective of this conference is:

- To let students gain practical knowledge from architects in practice.
- To let students know the current trends in architectural practice.
- Achieve connectivity between Students and Professionals.
- Increase employability of students.

Also field research in architectural design subject has been introduced for each semester to get the actual data and requirements for the particular project and to make students feel the actual vive of activity and space utilization of a similar existing architectural environment.

OmDayal Group of Institutions provides facilities of high quality to fulfill the needs of the students in the respective area of career opportunities and placement assistant. The IQAC cell organizes tech exhibition every year to focus on innovative ideas. Students will get a platform to show their innovativeness and

technical skills. The Placement cell organizes and extends services towards collaborative placement activities i.e. Soft Skills and aptitude training programs. The cell conducts training activities for the students mainly focusing on Career planning, Personality Development Industry Institute Interaction, Campus placements. Continuous interaction of the cell with the Alumina also helps in achieving the goals & motivating students to contribute in this direction. Many students are placed in eminent IT industry like TCS, Wipro, Infosys, CapGemini, Cognizant, Accenture, NrXen, DeltaX, Allied Media etc. Our goal is to set up a knowledge hub where Career Opportunities follow students not the viceversa. The college has created an interactive and stimulating environment by organizing various student centric activities such as programming Competition, Essay Writing Competition, Poster Presentation, Web Design Competition, Debate Competition, Speech Competition, workshops and seminars. Students can build their knowledge through study facilities library, reading room, e-resources etc. for their personality development.

5. CONCLUSION

Additional Information :

The Institution is committed to the holistic developments of the students. Institution has a clear perspective/ strategic plan, and it is deployed effectively. Various bodies/ cells/ committees are working effectively, and regular meetings are called for the discussion and minutes are recorded.

The institute is committed to maintain high standards of conducive academic environment, processes and procedures, quality of faculty members and technical infrastructure for effective learning and self-development. The Institution believes that quality teaching by its faculty comes out from their in-depth knowledge base and quality of research outcomes. Accordingly, encouragement and support extended to the faculty members to pursue higher studies, research, and consultancy. Research work of exceptional standard /publications/ innovations etc. is also rewarded. In the Ph.D. cell of the University, two of the Faculty Members of the Architecture Department of College are nominated in School Research Committee, one of them as Convenor. Besides that, few faculty member are appointed as Ph.D. supervisor.

The Institution takes pride in being in a lush green locale. The college has taken some considerable measures in energy conservation, waste management, and tapping unconventional energy sources. Clean campus, green grounds, social commitment, leadership development are given prime priority

Steps are taken to ensure gender impartiality and sensitization in curricular and co-curricular activities. It celebrates national and international commemorative days and organizes events and festivals. Safety and security norms are strictly followed, and the campus is well protected with round the clock security and CCTV surveillance.

Various schemes like, promotion of the underprivileged sections of the society, scholarships to the deserving students, financial aid to the poor students without any discrimination of caste, creed or gender, women empowerment programs, counselling for students and social awareness programs in collaboration with various governmental agencies are being implemented.

Institute is also honored with various disguised awards by different News Channels of the region Like ABP Ananda, ZEE 24 Ghanta, News 18 Bangla

Concluding Remarks :

The institute is committed to maintain high standards of conducive academic environment, processes and procedures, quality of faculty members and technical infrastructure for effective learning and self-development. In a very short period, OmDayal Group of Institutions has made great developments.

OmDayal Group of Institutions believes that quality teaching by its faculty comes out from their in-depth knowledge base and quality of research outcomes. Accordingly, we encourage and support faculty members to pursue higher studies, research and consultancy. Research work of exceptional standard /publications/ innovations etc. is also rewarded.

The Institute also lays great emphasis on community service to underprivileged /socially disadvantaged

demography of the population, with the rural population being an important component of the institute's values of imparting education. As part of Corporate Social Responsibilities (CSR) the nearby villages are taken care of through the platform of NSS and local student bodies.

ODERS, being a leading name in the educational sphere of the region, has enabled OmDayal Group of Institutions to build a strong relationship with entrepreneurs, industrialists, educationists as well as several corporate houses and prestigious institutions.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
2.1.1	**Enrolment percentage**

2.1.1.1. **Number of students admitted year wise during last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
283	288	292	155	260

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
65	108	114	86	131

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
340	440	420	320	230

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
340	440	420	420	230

Remark : Input is excluding excluding lateral admission.

2.1.2	**Percentage of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (Exclusive of supernumerary seats)**

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
88	76	16	27	37

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
65	75	58	27	37

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
88	86	48	52	43

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
170	220	210	210	115

Remark : input is edited from data template.

2.4.2	**Percentage of full time teachers with NET/SET/SLET/ Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)**

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
10	8	6	7	4

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
9	8	6	7	4

Remark : Note :- M Phil is not considered.

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

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
0	279126	50000	30000	375000

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
0	2.8	.50000	.30000	3.75

Remark : Input is edited from data template.

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

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
19	15	13	8	2

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
18	15	13	8	2

Remark : Kindly note that add-on courses is not considered here.

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

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
12	9	10	4	0

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
6	8	1	1	0

Remark : input is edited by excluding repeated ISBN number and considering ISBN on for books .

3.5.1	**Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.** Answer before DVV Verification : 28 Answer After DVV Verification :11
4.4.1	**Percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years (INR in Lakhs)** **4.4.1.1. Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
218.28	307.30	260.19	201.98	200.2

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
185.03	126.22	181.68	201.98	200.2

Remark : excluding electrical expenses.

| 5.1.3 | **Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years**

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
185	35	152	32	50

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
163	52	169	32	50

Remark : Input s edited from given documents. |

| 5.2.2 | **Percentage of students qualifying in state/national/ international level examinations during the last five years (eg: JAM/CLAT/GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)**

5.2.2.1. *Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ Judicial Services/Public Prosecution services/All India Bar Exams/State government examinations) year wise during last five years*

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
9	5	5	14	5

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
9	5	5	14	4	

5.2.2.2. **Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year wise during last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
12	9	7	15	8

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
12	9	7	15	8

Remark : Input is edited from given documents.

5.3.2

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

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
11	5	7	5	3

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
7	5	7	5	3

Remark : Input is edited from given document.

7.1.3

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

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

Answer before DVV Verification : B. Any 3 of the above
Answer After DVV Verification: C. Any 2 of the above
Remark : Input is edited from the clarification documents as energy audit and green environment documents are provided.

2.Extended Profile Deviations

ID	Extended Questions
1.1	**Expenditure excluding salary component year wise during the last five years (INR in lakhs)** Answer before DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>619.347</td><td>545.683</td><td>711.118</td><td>712.289</td><td>645.652</td></tr></table> Answer After DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>221.06</td><td>130.22</td><td>276.73</td><td>302.02</td><td>274.81</td></tr></table>