



SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

AGNIHOTRI COLLEGE OF ENGINEERING, WARDHA

**NEAR BYPASS HIGHWAY, NAGTHANA ROAD, SINDI (MEGHE), WARDHA
442001**

www.acenagthana.ac.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

November 2023

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Agnihotri College of Engineering, Nagthana Road, Wardha was established in the year 2009 sponsored by Jai Mahakali Shikshan Sanstha, Wardha. It is approved by the AICTE, Delhi, DTE, Mumbai, recognized by Government of Maharashtra and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur. It offers five (05) under graduate courses in Engineering, B.Tech. in Civil Engineering, Electrical Engineering, Mechanical Engineering, Electronics and Communication Engineering, Computer Science & Engineering. The total intake of the college is 150. The total students on Rolls are 422. There are 31 faculty & all are with M.Tech. qualification.

Vision

To create value added competent and research oriented trained engineering professionals for sustainable development of the society.

Mission

To develop globally competent efficient learner and community oriented model of engineering education.

1.2 Strength, Weakness, Opportunity and Challenges (SWOC)

Institutional Strength

1. Proactive management
2. Qualified and experienced Faculty
3. Lush Green Environment
4. ICT based Teaching-Learning
5. Faculty Retention
6. Produced good rankers in the University Examination
7. NSS unit carries out social activities like blood donation camps, education to rural students and health camps
8. Implementation of Swachh Bharat Abhiyan
9. Computational facility and connectivity
10. Yoga Centre
11. Faculty Development and Skill enhancement Programmes
12. Decentralization and transparency in Administration
13. Continual upgradation of Knowledge and Skill Development
14. Regularly organizes Symposia, Cultural activities.

Institutional Weakness

1. Most of the students are belongs to villages hence their communication skill is not good.
2. Research activities are be strengthened
3. Lack of local industries to support employability
4. Low intellectual networking capabilities with institutes like IITs, IISc etc.
5. Inadequate Collaboration with Foreign Universities

Institutional Opportunity

1. To become Autonomous
2. Increasing the number of placements and training activities
3. To develop faculty-exchange, student-exchange, and Resource sharing programmes with institutions & organizations of repute
4. To motivate students for NPTEL courses
5. To further widen the range of programmes by introducing more of job oriented programmes enhancing global competence in students
6. International tie-ups may be fostered
7. To Initiate start up programs

Institutional Challenge

1. Because of too many number of engineering colleges, the percentage of seat filling is a challenge for all engineering colleges.
2. Lack of Patent earning Level of Research
3. Motivating students towards employment in core Industries
4. Poor communicative ability of students from rural background.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Agnihotri College of Engineering (ACE) is affiliated to Rashtsant Tukdoji Maharaj Nagpur University, Nagpur. The Institution takes utmost care in effective curricular planning and implementation. The college implements the curriculum designed by the university with well planned academic calendar in tune with university calendar. Choice Based Credit System for all UG programmes with elective courses is being continued in curriculum. New courses are introduced as per the directions given by RTMNU time to time. Academic flexibility is provided to the students by offering elective courses prescribed by the University. In addition to the curriculum prescribed by the university, the college offers number of skill development programs, value added courses to enrich the curriculum. The curriculum integrates cross-cutting issues of gender, environment, human values and professional ethics through inclusion of core courses in curriculum. Feedback on Syllabus from Students, Faculty, Alumni and Employers, and its analysis played a pivotal role in curriculum revisions.

Teaching-learning and Evaluation

Agnihotri College of Engineering is more conscious on the quality of students to be admitted and provide all necessary information and necessary guidance to the aspiring students seeking admission in various branches. The Institute gets Students admitted for different programs through the CAP conducted by the CET cell of Govt of Maharashtra. The admission process ensures inclusion of Students from all categories through social reservations defined by State Government of Maharashtra. After the admission process is completed it assesses the learning levels of students and organizes special programs for advanced learners and slow learners. The study tours, internships and project works play pivotal role in enriching the learning experiences of the students. The faculty is devoted, rich in experience and techno savvy. The modern ICT tools in the pedagogical system of the college enable the students to learn the content from a multi-dimensional perspective in the era of digital education. Internal Assessment is made on the basis of the performance in assignments, unit tests, attendance, and participation in co-curricular activities. The faculty mentors are appointed for guiding the students in academic and stress related issues. The institute has qualified and experienced faculty as per norms. Faculty members are encouraged to improve their qualification. The program outcomes, program specific outcomes and course outcomes are stated and displayed on the website. The attainment of such outcomes is evaluated by the institution.

Research, Innovations and Extension

It is the policy of the Agnihotri College of Engineering to encourage the faculty for attending workshops, training programs, FDPs and also to publish their research papers in journals and present them in seminars or conferences. Leave and financial support is provided for research activities. The faculties are encouraged to guide students in project work. The faculties are encouraged to publish/present their technical papers in journals and in different national /international Conferences by providing incentives. National Service Scheme unit promotes Extension activities such as Swachh Bharat , AIDS Awareness, Gender Issue, blood donation camp, campus cleaning, clean and green environment, tree plantation etc in the neighborhood community in collaboration with government and non-government units. Institute also having MOUs with different industries under industry institute interaction for value added courses, certification, placement services and consultancy to the students.

Infrastructure and Learning Resources

The college has adequate infrastructural facilities for meeting curricular, co-curricular activities such as well furnished class rooms with a provision for usage of Information and Communications Technology (ICT), seminar halls, laboratories, faculty rooms and other required facilities. Also adequate facilities for extra-curricular activities like outdoor and indoor games, auditorium, health & yoga are available. The college central library is main source of knowledge which has around 13494 volumes of books. The college is having computers in 5:1 student to computer ratio exclusively for the students with LAN and Wi-Fi facilities and software as per curriculum requirements. The ICT facilities are provided to use latest audio and visual aids to enrich teaching learning process. All the departments are allocated required funds to meet their infrastructural and recurring expenditure.

Student Support and Progression

The College provides financial aid through Babulaji Agnihotri Foundation to the economically weaker students on its own and extends support to obtain scholarships, tuition fee from state government to all eligible the SC/ST/OBC/NT/VJ/SBC/Minority/physically challenged/ economically weaker students. With the help of career guidance and placement cell College provides career guidance and training in communication skills to improve their employment opportunities and organize a campus placement drives and off-campus drives. College takes initiative to provide training for preparation of GATE/TOFEL/ PG CET / ICET and other competitive examinations. The college has established a grievance redressal cell to address the grievances of the students. In a college organizes events like sports, games, cultural programmes and other extracurricular activities and also encourages students to participate in university / state / zonal / national level competitions. There is a registered alumni association through which the alumni members provide their financial support to the college.

Governance, Leadership and Management

In order to fulfill the institution's declared vision and mission, the college routinely solicits input from stakeholder involved in its governance. Different committees are established to ensure the smooth operation of the college including the Governing Body, College Academic Council, Grievance Cell, Disciplinary Committee, Anti-Ragging Committee, and Women Empowerment Cell. The committees meeting on a regular basis to make decisions. Department heads are allowed complete autonomy in managing their academic programs in consultation with the principal. A transparent e-governance system was implemented by the institute. The institute has organized several Faculty Development Programs (FDPs) with senior faculty and distinguished guests from other institutes and industry in an attempt to empower the faculty. There is an effective process for performance reviews available that reflects the requirements of both teaching and non-teaching staff. Annual IT returns are submitted and an audit is carried out on all financial transactions. The management of a college is always willing to contribute financial resources to ensure the institution runs smoothly. The college established an Internal Quality Assurance Cell (IQAC) with senior faculty and experts as members to ensure the quality of education.

Institutional Values and Best Practices

The College arranges programs for promotion and provides necessary facilities since it is committed to gender equity. LED light bulbs are used to lower power consumption and also bluetooth and IOT controlling project installed in laboratories. To harvest rain water in proper way a provision of water pond & open well is available in college campus. The campus is covered in an abundance of plants to create a clean, green atmosphere. The college provides facilities for people with disabilities and promotes the use of bicycles, transit, and pedestrian-friendly roads in order to reduce environmental pollution. There is a code guidelines for all employees and students. Colleges host national festivals to advance universal values.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	AGNIHOTRI COLLEGE OF ENGINEERING, WARDHA
Address	Near Bypass Highway, Nagthana Road, Sindi (Meghe), Wardha
City	Wardha
State	Maharashtra
Pin	442001
Website	www.acenagthana.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal(in-charge)	Abhishek Kumar	07152-295892	9372424163	07152-250159	principalace2009@gmail.com
IQAC / CIQA coordinator	Shailesh k Watekar	-	9975637135	-	watekar.shailesh@gmail.com

Status of the Institution	
Institution Status	Private

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	

State	University name	Document
Maharashtra	The Rashtrasant Tukadoji Maharaj Nagpur University	View Document

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

Details of recognition/approval by stationary/regulatory bodies like AICTE, NCTE, MCI, DCI, PCI, RCI etc (other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day, Month and year (dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	15-05-2023	12	

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

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Near Bypass Highway, Nagthana Road, Sindi (Meghe), Wardha	Rural	22.45	8479.81

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/ Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No. of Students Admitted
UG	BTech, Computer Science And Engineering,	48	For B.Tech First year HSC with PCM group and MHT CET or JEE	English	30	29
UG	BTech, Electrical Engineering,	48	For B.Tech First year HSC with PCM group and MHT CET or JEE	English	30	18
UG	BTech, Mechanical Engineering,	48	For B.Tech First year HSC with PCM group and MHT CET or JEE	English	15	5
UG	BTech, Civil Engineering,	48	For B.Tech First year HSC with PCM group and MHT CET or JEE	English	30	6
UG	BTech, Electronics And Communication Engineering,	48	For B.Tech First year HSC with PCM group and MHT CET or JEE	English	30	29

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				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	0				0				31			
Recruited	0	0	0	0	0	0	0	0	17	14	0	31
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				23
Recruited	13	10	0	23
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				24
Recruited	19	5	0	24
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	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	17	14	0	31
UG	0	0	0	0	0	0	0	0	0	0

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

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

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

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

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	68	1	0	0	69
	Female	18	0	0	0	18
	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	14	2	4	5
	Female	3	1	0	1
	Others	0	0	0	0
ST	Male	0	1	3	0
	Female	0	0	0	3
	Others	0	0	0	0
OBC	Male	28	14	7	4
	Female	10	4	5	2
	Others	0	0	0	0
General	Male	11	14	5	6
	Female	2	2	2	1
	Others	0	0	0	0
Others	Male	6	2	1	7
	Female	0	0	2	3
	Others	0	0	0	0
Total		74	40	29	32

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	According to the National Educational Policy 2020, college is planning to add multidisciplinary programs to its curriculum in order to help students develop their overall abilities, including their intellectual,
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	<p>aesthetic, social, physical, emotional, and moral ones, in an integrated manner. The institution intends to establish short-term and vocational courses while taking the issues that the students experience into consideration. The objective is to equip the students that they can forge a path toward self-employment rather than relying solely on government employment. The college is attempting to identify the program learning outcomes, along with courses and unit learning outcomes, that describe the precise information, abilities, attitudes, and values that are to be acquired by the students as it prepares itself to offer more multidisciplinary disciplines</p>
2. Academic bank of credits (ABC):	<p>The institution provides Academic Bank of Credits facility which is a virtual store that maintains data about the credits earned by students throughout their educational life. Importance of the Academic Bank of Credits (ABC) increases the student's freedom in choosing their courses and academics. Enables the student to drop out in any year and then exchange the credits earned so far with a certificate/diploma if they are eligible. They can redeem the credits and rejoin the same or any other institute in the future and continue their education.</p>
3. Skill development:	<p>The institute offers a skills development program for students to grow, be trained and also help them to concentrate on their skill-set for their careers. It is benefitted for Students on account of approach to life, work, and education. It is having capacity to create various behavioral patterns. It improves a person's whole personality and exemplifies how to establish positive relationships with others in the workplace. In present, student's long-term success depends on developing soft skills, which takes a long duration. So institute provides the abilities, personality traits, and communication skills to the learner. All departments take initiative for soft skills development among all students. We try to engage our students to communicate with a technical people, which is a essential for any industry. Students with soft skills are better able to work together for improved efficiency, production, and cooperation.</p>
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	<p>In order to promote the local language, art and culture, it is the regular practice at institute that all NSS activities conducted in village, nearby schools and campus are compulsory executed in local</p>

	<p>Marathi language. The college celebrates Ganesh Chaturthi (the most important festival in Maharashtra), Maharashtra Din, Chatrapati Shivaji Maharaj Jayanti the prime festival of Maharashtra where all the teachers and students participate in the cultural events. Moreover, as the students of the college are belonging to various ethnic tribes--like Punabi, Bihari etc., all are therefore given chance to perform their own cultural activities in their own traditional language, dress code in various events organized by the college. As most of our students are from rural areas, so they are given freedom to share their thoughts and ideas in their own language.</p>
<p>5. Focus on Outcome based education (OBE):</p>	<p>The institution is affiliated with Rashtrasant Tukdoki Maharaj Nagpur University, Nagpur abides by the rules as and when instructed, and uses a variety of teaching methods, including lectures, seminars, tutorials/workshops, practical application, and project-based learning field work, whenever possible. All of the programs are available as outcomes-based education (OBE), which is created with consideration for local and international needs. Every subject's course objectives are clearly stated in the curriculum by RTMNU, Nagpur. The Institute started outcome-based education with clearly stated Programme Outcomes, Programme Specific Outcomes, and course outcomes from 2019–20. All courses are designed with outcomes centered on cognitive abilities namely Remembering, Understanding, Applying, Analyzing, Evaluating and Creating. Apart from the domain-specific skills, learning outcomes at all levels ensure social responsiveness and ethics, as well as entrepreneurial skills so that student contribute proactively to economic, environmental and social well-being of the nation. The Course Objectives (COs) are also aligned to the PO-PSO philosophy.</p>
<p>6. Distance education/online education:</p>	<p>The institution is equipped to teach, especially with COVID-19 pandemic events and learning through various internet modes such as apps, Google Meet, What's App etc. WiFi connectivity in college campus; therefore there are no obstacles for online teaching, also 6 digital panels being set up in the college. In post-pandemic, the online learning experience has been adopted by the faculty and students to full advantage of flexible blended mode of teaching learning. In most subjects, departments</p>

exclusively use Google Meet and Whatsapp to share learning content with students. Faculty were also trained in using FDP, short term course, induction program and workshops during lockdown periods to use the online classroom learning platform. Various programmes, meetings and workshops for students have been organized by the Institute through an online platform which was a conference and workshop venue throughout COVID-19 pandemic. These efforts, similar to the way New Education Policy envisages them, can be regarded as a new norm.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	Electoral Literacy Club is set up in the institute with the primary objective of sensitizing the student community about democratic rights which includes casting votes in elections. We conduct mock polling activities to give the experience-based learning of the democratic setup. We also conduct poster presentations, debates, mock parliaments, elocution, essay writing and other programs which create awareness regarding electoral procedures.
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?	The Institution has the ELC functional with the following office bearers Sr.No. Name Designation Functional role 1. Prof.D.S.Dabhade Asst.Professor ELC Coordinator 2. Prof.Shilwan Fulkar Asst.Professor ELC Additional Coordinator 3. Mr.Raghuveer Singh B.Tech Final Year student B.Tech Final Year Student
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.	Activities done by the ELC of Institute. 1. Our students participate in Voter Awareness Campaigns aimed in educating the public in the nearby villages. 2. To create awareness and interest among faculties and students through workshops. 3. To educate the targeted populations about voter registration, electoral process and related matters through hands on experience
4. Any socially relevant projects/initiatives taken by	The ELC takes initiatives that are socially relevant to

<p>College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.</p>	<p>electoral related issues especially awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes. 1. To help the target audience understand the value of their vote to ensure that they exercise their suffrage right in a confident, comfortable and ethical manner 2. To develop a culture of electoral participation and maximize the informed and ethical voting and follow the principle 'Every vote counts' and 'No Voter to be Left Behind'</p>
<p>5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.</p>	<p>Democracy rights, including the right to vote, are discussed with students who have been enrolled as voters over 18 years of age. We conduct mock polling activity to give the experience-based learning of the democratic setup. In addition, we organise training programmes to educate students about electoral procedures such as poster presentations, debates, Mock Parliamentary meetings, elocution and paper writing.</p>

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
499	490	395	314	289

File Description	Document
Upload Supporting Document	View Document
Institutional data in prescribed format	View Document

2 Teachers

2.1

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

Response: 59

File Description	Document
Upload Supporting Document	View Document
Institutional data in prescribed format	View Document

2.2

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

2022-23	2021-22	2020-21	2019-20	2018-19
21	31	35	42	53

3 Institution

3.1

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

2022-23	2021-22	2020-21	2019-20	2018-19
139.74	77.97	34.47	87.69	176.51

File Description	Document
Upload Supporting Document	View Document

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1

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

Response:

Agnihotri College of Engineering, Nagthana Road, Wardha is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU), Nagpur. The Institute is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University and approved by AICTE.

Academic Calendar:-

Institution calendar is prepared at the commencement of each semester including working days, government and local holidays, and schedule of Internal Assessment and University examinations.

Quality of Classroom teaching:-

Quality of the class room teaching depends on content delivery, interaction, discussion, examples. The role of the teachers is significant not only with contents but also with inspirational engagement of the students through various instructional methods and pedagogical initiatives.

Instructional methods and pedagogical initiatives

- Institution practices Outcome Based Education (OBE) while planning and delivering the content. The faculty members will prepare the course plan based on the academic calendar to complete the syllabus as per the frame work.
- Various Innovative Teaching & Learning methodologies are adopted by the faculty members to create the best learning environment for students. Teaching and Learning methodologies include traditional (Chalk and talk) and technology enabled methods
- Video lecturing is provided by faculty members to explain the real world problem with industrial illustrations, design issues etc.
- Faculty demonstrates static & working models, simulations, animations and implemented projects in the department.
- Assignments are given to improve the knowledge beyond the syllabus. Group Discussions and brain storming are encouraged for participative learning
- Laboratory practices are mandatory to have hands-on experience.
- The students are encouraged to visit well stocked library with reference books and magazine for the knowledge enhancement.

Monitoring system for curricular delivery:-

HODs are regularly monitoring the delivery of curriculum. Formal and informal feedbacks have been taken from the students in a regular intervals to monitor course delivery and syllabus completion.

File Description	Document
Upload Additional information	View Document

1.2 Academic Flexibility

1.2.1

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

Response: 28

File Description	Document
List of students and the attendance sheet for the above mentioned programs	View Document
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	View Document
Institutional data in the prescribed format	View Document
Evidence of course completion, like course completion certificate etc. Apart from the above:	View Document

1.2.2

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

Response: 60.85

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

2022-23	2021-22	2020-21	2019-20	2018-19
360	373	109	252	115

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

1.3 Curriculum Enrichment

1.3.1

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

Response:

In order to address the economic, social, and environmental challenges of globalization, the Institute makes every effort to enrich the curriculum through activities that are varied and address cross-cutting issues related to a sustainable environment, gender equality, human values, and professional ethics.

Gender Equality

The institution has established a "Women Grievance Redressed Cell" with other faculties serving as members and one of the senior female faculty members serving as convener. This group gives female employees and female students an exclusive forum to air their complaints. It creates welfare programs for them and promotes respect and self-worth for women without regard to gender. It puts together specialized programs to give people access to their fundamental rights. Everybody is given the same significance by the institute for all of its activities.

Environment & Sustainability

In addition to the required courses, NSS and departmental committees organize events to raise public awareness of environmental problems and their long-term impact on society. The institution has installed a system for collecting rainwater. Buses provided by the college are used for transportation by more than 80% of the professors and students.

Human Rights

The Principal has been appointed as the chairman of the college's anti-ragging committee. Racial discrimination, which violates fundamental human rights and principles, is effectively controlled by this committee. This Committee establishes an Anti-Ragging Squad at the start of each year to combat ragging.

- By raising awareness and addressing the demands of society and the general population, the students are shaped into responsible engineers. Courses like Gender Sensitization, Environmental Studies, etc. are added to the curriculum in addition to a standardized learning plan to enrich it. The courses that students can take as examples to improve their understanding of the aforementioned topics are listed below.

File Description	Document
Upload Additional information	View Document

1.3.2

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

Response: 56.91

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

Response: 284

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

1.4 Feedback System**1.4.1**

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

Response: B. Feedback collected, analysed and action has been taken and communicated to the relevant bodies

File Description	Document
Feedback analysis report submitted to appropriate bodies	View Document
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	View Document
Action taken report on the feedback analysis	View Document
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Enrolment percentage

Response: 24.4

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

2022-23	2021-22	2020-21	2019-20	2018-19
74	40	29	32	8

2.1.1.2 Number of sanctioned seats year wise during last five years

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

File Description

Document

Institutional data in the prescribed format

[View Document](#)

Final admission list as published by the HEI and endorsed by the competent authority

[View Document](#)

Document related to sanction of intake from affiliating University/ Government/statutory body for first year's students only.

[View Document](#)

2.1.2

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

Response: 40.43

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

2022-23	2021-22	2020-21	2019-20	2018-19
54	24	23	25	7

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

2022-23	2021-22	2020-21	2019-20	2018-19
63	45	65	81	75

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

2.2 Student Teacher Ratio

2.2.1

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

Response: 23.76

2.3 Teaching- Learning Process

2.3.1

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

Response:

Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Response: The Institute ensures the learning more student-centric by adopting the following participatory learning activities to ensure the holistic development of students and facilitating life-long learning and knowledge management.

- **Conducting tutorial classes.**
- **Giving assignments.**
- **Learning some of the subjects by softwares like MULTISIM, LABVIEW etc**
- **Flip Classes**
- **Team teaching, blended classes**
- **MOOCS are introduced which enhance the participative learning.**
- **Students are encouraged to register in NPTEL courses, which improve the self learning.**
- **Presentation by students in the seminars**
- **Discussing Case studies.**
- **Industry oriented Mini Projects.**
- **Major Projects on latest technologies and by using advanced software.**
- **Accessing the additional information and latest developments in the subject area through internet Model making and presenting them in project exhibitions.**
- **Practical training in industry. Industrial / field visits.**
- **Presenting and Publishing technical papers in conferences/Journals.**
- **Facilitates internships in renowned industries/institutions like IIT, IIIT etc.**
- **Advising them to become members of technical professional bodies like CSI, IETE, ISTE, ACM etc**

Exposure to all the above activities creates confidence among students and drives them towards life-long learning and knowledge management.

Problem solving methodologies:

Design exercises are given to students to understand the problems. They are required to analyze it and identify the solution. Brainstorming sessions are conducted for the students. Question and answer sessions are held for students. Our campus is enabled with Wi-Fi facility that allows students to access technical resources. In addition to academics, in order to make the students socially responsible citizens, our Institute encourages the students to participate in Rotary Club activities with equal enthusiasm to develop their overall personality. The Institute has a state of the art central library well equipped with books & e-books, technical magazines, journals & e-journals and NPTEL lecture videos which serve as a knowledge resource centre. The teachers are encouraged to use modern teaching pedagogy, in addition to conventional classroom teaching practices. Internet-connected computer labs allow students to expand their knowledge and skills.

File Description	Document
Upload Additional information	View Document

2.4 Teacher Profile and Quality**2.4.1**

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

Response: 94.3

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

2022-23	2021-22	2020-21	2019-20	2018-19
31	32	35	42	53

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

2.4.2

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

Response: 2.75

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

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

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

2.5 Evaluation Process and Reforms

2.5.1

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

Response:

The institute has a structured method for ongoing internal evaluation. It includes a theory course assessment, laboratory work assessment, and project assessment as per the university /autonomy marking scheme. Once the core committee approves the evaluation scheme framed by Academic Cell, the same is shared with faculty members and students.

The assessment mechanism for theory courses:

The internal assessment contributes 30% of total course marks. 50% of weightage of internal assessment is given to Sessional exams, and remaining 50 % weightage is given to the teacher's assessment. Marking scheme/model answer papers are displayed on the notice boards for the students after the sessional examination of each subject. The answer books evaluation is done within 3 days after the sessional examination. A course teacher shows the answer books to students and addresses their grievance. Every course instructor asks students to sign their name on the answer sheets. The assessment mechanism for Laboratory work:

Students' laboratory experiment performances are continuously assessed. The assessment is based on experiment performance, viva voce, and end semester internal examination Assessment for

technical seminars, mini-project, and case studies are defined by respective departments due to the varied nature evaluation aspects at various departments. To assess students' performance in activities such as internships and aptitude courses, incentive marks are awarded over and above the regular assessment.

File Description	Document
Upload Additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1

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

Response:

The Program outcomes and Program Specific outcome are defined in various meetings held by Head of the Department with eminent persons from industries, academia and teachers of the institute. Teachers are always part of the defining process. Course objectives and outcomes are framed based on guidelines given by R.T.M. Nagpur University, Nagpur by concerned teachers. All these outcome statements along with vision and mission of the Institute and Department are published on

- College website <http://www.ace.nagthana.ac.in>
- Department website <http://www.ace.nagthana.ac.in/Departments>
- Display boards in the Department
- Departmental Newsletter
- Apart from this, vision & mission statements are disseminated to all the stakeholders of the programs through faculty meetings, student awareness workshops, student induction programs, parents meet etc.

New admitted students are informed about these concepts at induction programs. Every teacher, before start of his/her first lecture, informs course objectives and course outcomes. After completion of each unit of the course, teacher again informs about the CO and tests the students for its attainment. COs are displayed on all examination question papers and laboratory experiment manuals.

Students are informed about the objectives of any new program/ activity conducted for them and how it will be beneficial for them in fulfilling the POs and PSO. Feedback is taken from students

after every semester in terms of achievement of POs and PSO through academics and other activities conducted in the campus.

Thus, continuously POs, PSO and COs are disseminated to teachers and students.

File Description	Document
Upload Additional information	View Document

2.6.2

Attainment of POs and COs are evaluated.

Explain with evidence in a maximum of 500 words

Response:

As per AICTE guidelines and the model curriculum, the curriculum for each program is framed by R.T.M. Nagpur University, Nagpur. It includes the subjects belonging to Basic Science & Humanities, Professional courses and their distribution in core and elective subjects, Interdisciplinary subjects along with seminars & projects. The curriculum includes technical theoretical aspects as well as practical approach, including applications appropriate to the program. The curriculum is designed with an expectation that being in a professional program, students will be acquainted with the latest technological developments and extra efforts may be taken if required like arranging industrial visits and invited guest lectures.

R.T.M. Nagpur University has provided the syllabus with Course outcomes (COs) for some programs while Course teachers have framed the course outcomes for others. They are mapped with different units of the syllabus. COs are informed to the students at the beginning of the course and are also available on college website. Subject teacher informs students about the mode of assessment for evaluation of COs. In general, there are two sessional examinations based on two units each and end semester pre-university test based on whole syllabus. In addition to these tests, class tests, surprise tests, quizzes, objective tests, assignments etc. are carried out and utilized as needed to evaluate the attainment of COs.

Program Outcomes are defined by National Board of Accreditation, New Delhi and are to be fulfilled by all programs run by affiliated colleges while the Program Specific Outcomes (PSOs) are defined by individual programs. The add on course based and curriculum based COs are mapped with Program outcomes and Program Specific Outcomes (PSOs). Co-curricular and Extra-curricular activities, industrial visits & training programs, Guest/Expert lectures etc. are conducted in order to fulfil some of the program and program specific outcomes which are not covered by the regular program curriculum.

The CO attainment is calculated based on students' performance in various internal examinations and University examination in the scale of 1-3. It is observed that the attainment varies depending upon the difficulty level of the subject and may lie in the range of 1-2 for the subjects in the

beginning of the program, which increases as students get accustomed to the Engineering curriculum and may lie in the range of 2-3 by the time they reach final semester.

The PO and PSO attainment is calculated for complete batch of students which progresses through all the courses of a particular program including Co-curricular and Extra-curricular activities and the project work. The attainment is calculated based upon the association level, i.e., low-moderate-high, of a particular course/ CO/ activity with respect to the PO or PSO in the scale of 1-3. The attainment level for POs and PSOs for most of the programs lies between 2.3-3

File Description	Document
Upload Additional information	View Document

2.6.3

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

Response: 73.8

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

2022-23	2021-22	2020-21	2019-20	2018-19
49	126	100	53	41

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

2022-23	2021-22	2020-21	2019-20	2018-19
123	141	102	71	63

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

2.7 Student Satisfaction Survey

<p>2.7.1</p> <p>Online student satisfaction survey regarding teaching learning process</p> <p>Response: 3.75</p>	
File Description	Document
Upload database of all students on roll as per data template	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1

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

Response: 1.43

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

2022-23	2021-22	2020-21	2019-20	2018-19
0.38	0.65	0	0.4	0

File Description

Document

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

3.2 Innovation Ecosystem

3.2.1

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

Response:

The institute has several sources for transfer of knowledge and technologies such as industrial visit, visit to different engineering college where they communicate expert faculties so that they can share their queries regarding their projects and subjects which are difficult to understand. Institute forced to take some research level projects to final year students. Institute offers such project which are beneficial to society and projects related to social problems. During their projects they communicate various people of the village and share their problems regarding indian system and then they share this problems with faculties of the department. Based on that faculties decided which projects student should take. The student, faculties and various peoples living in the different societies form Indian Knowledge system.

Final year students of electrical Engineering department has made solar based tricycle for physically handicapped person under named “design and fabrication of solar hybrid tricycle” which helps to keep environment clean and also reduces pollution which may occur due to petrolium fuels. Institute always

support such projects by giving financial and other support which may required during such projects.

Final year students of institute makes cycle for physically handicapped person which can monitored patients heart rate, body temperature, pulse rate, blood pressure and blood sugar level of the patients on the cycle. Many other projects are also their which are beneficial to society and helps to keep the clean.

Institute arrange industrial visit for the students every year for transfer of their knowledge and technology. Institute allows third year and final year students to take interships in industries so that they can take some practical knowledge. Thus Institute always try to creat ecosystem for innovations and transfer of knowledge/technologies.

Institute has established IPR cell under this institute carried out various activities for transfer of knowledge and technology for faculties and students. Institute carries various placement drives for final year students under IPR cell. Under IPR cell institute provide financial assistance to students as well as faculties for their research project. Institute offer paid leaves for faculties doing research project as well for their research works. Under IPR Cell Institute always helps for transferring knowledge/technologies.

Each department has their MOUs with Industies/Companies. Under MOUs stuents may carried out their Interships sothat they can transfer their theoritical knowledge into practical knowledge. Under MOUs activities each department carried out Guest lectures of industrial Experts.

Institute always arrange some guest lectures on Indian knowledge system. Institute always take parts in social activies related to Indian Cultures like Ganpati Visarjan, Pola Celebration, Diwali elebration, Swami vivakand jayanti, Shivaji Jayanti and mony more .Institute arrange cultural program for their students every year where students shares their views on indian economy, indian politics, indian policies, indian rights and Various Scheme of government which helps in creating Indian Knowledge ecosystem.

File Description	Document
Upload 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: 27

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

2022-23	2021-22	2020-21	2019-20	2018-19
07	05	04	05	06

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: 0.1

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

2022-23	2021-22	2020-21	2019-20	2018-19
0	1	0	1	04

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	View Document
Links to the papers published in journals listed in UGC CARE list or	View Document
Institutional data in the prescribed format	View Document

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

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

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

File Description	Document
List of chapter/book along with the links redirecting to the source website	View Document
Institutional data in the prescribed format	View Document
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	View Document

3.4 Extension Activities

3.4.1

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

Response:

The Institute always stakes the efforts for social and economic transformation of neighborhood community, so that to promote overall development and welfare of society. The Institute create an ability of desirable empathy, sensitivity and the virtue of social participation in the all its stake holders.

Institute is always aware of its social responsibility and hence it provides service to community, especially to marginalized sections. It realizes formal education as an instrument of bringing about positive social transformation which leads to the improvement of spiritual fabric and social culture of human community.

The Institute is dedicated to develop overall personality of learners who can speed up the forces of environmental, social and economic growth.

The extension activities are work out and executed to provide practical exposure to the students regarding different social issues. The college arrange various activities under department forums to make sense of social responsibilities.

One of the objective of the Institute is to produce engineers with strong knowledge in their respective domain. The students are responsive towards humanity so that they can understand the various problems of society and find out the solutions of problems like unemployment, poverty, female feticide, alcoholism, etc. The students try to solve the problems of communities through different activities of the National Service Scheme, departmental forums and associations. In an effort to reach the society, different departments of the Institute arrange cultural, spiritual and social activities. Students are encouraged to contribute to different social causes. In an effort to create awareness about digital India, students and staff of different forums always visit the nearby schools and deliver seminars on the significance of making India digital.

The institute has arranged number of awareness programs related to the social issues and environment which includes:

- Pola Celebration
- Paryavanpurak Ganesh Visarjan
- Tree plantation programmes.
- Swachh Bharat Abhiyan on the occasion of birth anniversary of Mahatma Gandhi.
- Flag Distribution to Society.
- Diwali Celebration with villager.
- Rava Sakhar Distribution
- Awareness about digital india

Every department has forum under which number of activities have been organized. Many of the activities are jointly organized with JMSS and NSS:

- KaviSammelan
- Swatantrata Amrut Mohotsav
- Celebration of Yoga day
- Technical Zanki
- Educating the students regarding time management
- Health Checkup camps
- International Yuva Diwas
- “Har Ghar Titranga” Program
- Vaccination Drive
- Garba/ Dandiya Celebration

File Description	Document
Upload Additional information	View Document

3.4.2

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

Response:

Under the extension activities taken from government / Government Recognised Bodies Such As NSS. The NSS (**National Service Scheme**) is an Indian government/sector public service program conducted by the Ministry of Youth Affairs and Sports of the Government of India. Under the title of NSS our institute is organized various social activities Like Tree Plantation, Blood Donation, Swachh Bharat Abhiyan, Cleanliness drive at various places, Covid -19 Vaccination drive in Nagthana village belonging to the under privilege people etc. Students and faculties are actively participated in all NSS activities from 2012 to up till now.

File Description	Document
Upload Additional information	View Document

3.4.3

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

Response: 35

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

2022-23	2021-22	2020-21	2019-20	2018-19
9	15	5	1	5

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

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: 21

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	View Document
List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	View Document
Institutional data in the prescribed format	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The Institution has adequate infrastructure and other facilities for,

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

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

Response:

The institute has adequate physical infrastructure spread across one multi-storied building with multiple classes, tutorial rooms, laboratories and libraries. The physical infrastructure available is as per the norms of AICTE, which helps to excel in teaching-learning and research activities. Some of the class rooms are equipped with digital TV. Separate Boys common room, Girls Common room, Sports and Gym.

Agnihotri College of Engineering, Nagthana, Wardha -442001 facilities and adequate hostel facilities are available for students. The institute library is equipped with a rich collection of reference books supported by e-journals and digital study materials. Recommendations and suggestions are given by each department to the library based on the requirements of faculty and students. The institute has a separate annual budget for the library. Software is deployed at the library for effective utilization of library resources. Faculty and students have access to the library. Funds are allocated for troubleshooting, maintenance and upgrade of computing facilities. Reference books and proceedings are also available for different topics in engineering, management and science. A separate section in the workshop has been provided for the students to experiment on their innovative projects while participating in national and international competitions.

Cultural activities of the students are also encouraged in the institute by providing them with financial and infrastructural support. A dedicated student activity centre is available for the students to develop projects and practice for cultural programs and competitions. Special facilities available on the campus include recreational facilities like a cultural centre, a student activity centre, and multiple sports facilities are available for students.

File Description	Document
Upload Additional information	View Document

4.1.2

Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years**Response:** 4.96**4.1.2.1 Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
19.28	5.29	0	0	1.06

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

4.2 Library as a Learning Resource**4.2.1**

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

Response:

The institution has Integrated Library Management System software In house developed software & maintained by Agnihotri College of Engineering Library Centre (ACELC). It helps the library to give quick service to the users and administer library functions easily.

Features of Libsoft:

- Ease of Library administration.
- Bibliographical details of the library collection and their availability.
- University Question Papers (both print & e-format).
- Project Reports (both print and e-format)
- e-Log book, E-List Digital library – syllabus, university question paper, newspaper clippings, project report
- E-resources: e-books, e-journals, NPTEL, NDL.
- Log-in creation and updating of user accounts.

- Shows transaction of issue return of the day.
- Maintaining the history of access by all the users.

File Description	Document
Upload Additional information	View Document

4.3 IT Infrastructure

4.3.1

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

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

Response:

The Institute has an adequate IT Infrastructure with a Wi-Fi campus and 150 networked computers. All departments submit their IT facility-related requirements in the yearly budget. The Executive Committee approves the budget. Approved requirements are forwarded to the Computer Centre for procurement.

Maintenance Procedure:

- **Students, faculty members, and the lab-In charge identify the faults.**
- **The lab-in charge registers a complaint with the help of a lab assistant.**
- **The complaint was forwarded to the Head of the Department.**
- **HOD forwards the complaint to forwarded Computer Centre in charge.**
- **The computer centre in charge assigns the complaint to the Hardware/ Network Engineer.**
- **An assigned person from the computer centre resolves the issue within 24 hrs.**
- **In case the problem is out of reach of an in-house technician, it is outsourced to an external agency.**

File Description	Document
Upload Additional information	View Document

4.3.2

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

Response: 8.05

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

Response: 62

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	View Document
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	View Document

4.4 Maintenance of Campus Infrastructure**4.4.1**

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

Response: 25.18

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

2022-23	2021-22	2020-21	2019-20	2018-19
24.39	22.32	17.23	29.65	36.42

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

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

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

Response: 86.56

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

2022-23	2021-22	2020-21	2019-20	2018-19
457	430	354	267	212

File Description

Document

Year-wise list of beneficiary students in each scheme duly signed by the competent authority.

[View Document](#)

Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).

[View Document](#)

Upload policy document of the HEI for award of scholarship and freeships.

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

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

[View Document](#)

5.1.2

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

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

Response: D. 1 of the above

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

5.1.3

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

Response: 45.75

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

2022-23	2021-22	2020-21	2019-20	2018-19
232	322	172	115	68

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

5.1.4

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

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

Response: B. 3 of the above

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

5.2 Student Progression

5.2.1

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

Response: 61.36

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

2022-23	2021-22	2020-21	2019-20	2018-19
19	99	38	53	34

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

2022-23	2021-22	2020-21	2019-20	2018-19
75	126	101	53	41

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

5.2.2

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

Response: 1.96

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

2022-23	2021-22	2020-21	2019-20	2018-19
02	0	01	0	0

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

5.3 Student Participation and Activities

5.3.1

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

Response: 3

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

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	1	0	2

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: 4

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

2022-23	2021-22	2020-21	2019-20	2018-19
5	5	0	5	5

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:

Agnihotri College of engineering Alumni Association is created to build an engaged supportive alumni committee. it plays an important role in shaping the future of the college The association is in the process of registration under the society registration act .the bylaws have been framed for the better connect of alumni with college. The chapters may started functioning. a separate webpage for alumni will be created for which there will be good response from the alumni will try to make a good number of alumni occupying eminent position and contribute to their parent institution in which each member contributes Rs. 400 in the first year and Rs. 200 at the second year at the time of admission of the programme towards the contribution of alumni association. This fund is used to conduct activities of the association.

The members of the association contribute in the following manner

- Feedback on curriculum
- Teaching learning process
- Bridging the gap between industry and academia
- Important suggestions about changing trends about business and industry
- Guest lectures to the students of current year batch.
- Interaction and mentoring the students

Alumni meets are conducted periodically for networking strengthening the social relations and sharing the expertise alumni are also will engaged in providing placement support and research activities. They will helpful in promoting innovation and patenting, alumni also enhance college industry interface with the students for guidance projects placements internship and competitive examination.

File Description	Document
Upload Additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

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

Response:

Vision: To develop globally competent efficient learner and community oriented model of engineering education.

Mission: To create value added competent and research oriented trained engineering professionals for sustainable development of the society.

Nature of Governance: The institute is executing its governance through various decision-making bodies like Governing Body(GB), College Development Committee (CDC), Core Committee(CC), Internal Quality Assurance Cell (IQAC). These bodies ensure all activities are performed to meet mission statement and fulfill vision statement. The institution practices decentralization and participative management ACE Nagthana functions with perfect decentralized administration that has complete transparency in the decision making process. The motives of decentralized administration are:-

- a) To enhance democracy in decision making,
- b) To promote the effective and efficient use of resources in education,
- c) To make public education more responsive to local needs, For the smooth functioning various committees are constituted
- d) The institute supports decentralization and promotes the culture of participative management.

Principal, HODs, faculty members and students play an important role in the decision making process.

- The Principal and HODs are responsible for the holistic and administrative activities of the institution and department respectively.
- Selected faculty members discuss and plan for the collection of various events and committees are formed to conduct the event smoothly. They actively participate in implementing the policies, procedures, and framework defined by the management.
- Head of the department prepares plan and submits to executive committee for the approval. The department head is the one of a signatory to all purchase orders of the respective department.

Purchase procedures at departmental level/institute level includes :

- Departmental fiscal plan as per allocated budget
- Issue of purchase order with the sign of the HOD and Financial Administrator
- Material entered is entered in Master Stock Book
- Issue of material by the store with the dupe of the bill to the concerned department.

Perspective Plan

The Institute has following Perspective Plans:

Short Term Goals (2023-2026):

To achieve our vision we have to set Some Short-term goals having Span of 2023 to 2026 it help us to develop a new good habit

Medium Term Goals (2026-2029):

After achieving our vision we have to set medium-term goals having a span of 2026 to 2029

Long Term Goals (2029-2032):

Setting up a Research Centre in each domain of the engineering programme

File Description	Document
Upload Additional information	View Document

6.2 Strategy Development and Deployment

6.2.1

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

Response:

ACE Nagthana has a Vision and in consequence the college has prepared perspective plan in keeping with the Vision of the college. The majority of the students who seek admission to the college hail from rural area. Unfortunately they are not at par with the students who belong to metropolitan cities. Naturally the Perspective plan of the college must be focused on such students who come from economically backward rural area.

In view of this the Perspective plan of the college includes

- Holistic development of students
- Inspiration and motivation of students
- Dissemination of knowledge replete with quality
- Employability of students
- Placement of Students

The flow of administrative decisions is explained in the organization chart attached.

1. Governing Body Management of the institute is the supreme body for policy making. Governing Body, the Advisory Body of the institute meet periodically to discuss various issues and aspects related to the development of the college.
2. Administrative Setup Principal is the member secretary of governing body and reports to the Executive Director. The Principal is having reasonable autonomy to take academic and administrative decisions in consultation with the
3. Head of the Department: Allotment of subject, workload, monitoring of syllabus coverage, planning and organizing seminars Guest lectures, Workshops, Industrial tours, Project works, etc are also

organized as per the instructions of the HOD.

4. IQAC Is a supporting functional body for the development and application of quality benchmarks/parameters of the various academic and administrative activities of the institution. Following are the supporting units in administrative office.

- Admission and scholarship: All matters pertaining to admission of students to the college at all levels in line with the norms of the University are dealt by the office assistant of admission.
- Examination: Office assistant of examination attends all matters pertaining to the conduct of University examinations both theory and practical.
- Registrar: The Registrar is responsible for facilitating recruitment of potential faculty and staff
Accounts: Director of Finance is responsible for keeping all the files updated regarding financial transactions of the college.

Service rules and procedures

The Institution has a Human Resource policy and Academic policy for the college. These policies have been framed in keeping with the rules and norms laid down by Statutory Authorities

Grievance redressal mechanism

In order to ensure transparency in imparting technical education and with the objective of preventing unfair practices and providing a mechanism to students for redressal of their grievances.

Implementation at Institute Level

Governance & Administration -Chairman , Members of GB, Administration Office

Branding /Expansion -GB members, Management Committee, PRO

Students Admissions - HODs, Deans, Admission team, Students section

Statutory Compliance -Principal,HODs, all section Incharges, Coordinators

Infrastructure (physical)- GB, Chairman, Administrative officer

Infrastructure (Academics)- Principal, Registrar

Teaching- Learning- Principal, HODs, Faculty and Staff

Research& Development- HODs

Students Development- HODs, Registrar

Departmental Activities- HODs and Faculty

Training &Placement -TPO & HODs

Quality Assurance -Co-ordinator IQAC, IQAC team, Deans, HODs

File Description	Document
Upload Additional information	View Document
Institutional perspective Plan and deployment documents on the website	View Document

6.2.2

Institution implements e-governance in its operations

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

Response: C. 2 of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	View Document
Institutional expenditure statements for the budget heads of e-governance implementation ERP Document	View Document

6.3 Faculty Empowerment Strategies

6.3.1

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

Response:

The institution has a performance appraisal system

The College has adopted a mandatory Self-Appraisal system to evaluate the performance of the faculty in teaching, research, and extension programs. At the end of the academic year, every teaching staff submits the Self-Appraisal form duly endorsed by the Head and is evaluated on the basis of academic credentials, research contribution, quality enhancement, campus life enrichment, contribution to the college/university work, and extensions services as per the guidelines of the statutory bodies.

The evaluation of teaching faculty by the student has been adopted in the college which helps in self-evaluation and development.

The Principal acknowledges the notable performance of any faculty. The administration, through IQAC, encourages the faculty members to take up the Quality initiatives to enhance the performance in transforming knowledge to the students. The best faculty award for the teaching and non-teaching staff is given for their excellent services in the year.

Institutional effective welfare measures are as below:

? Employee's Provident fund The institution has the provision of EPF and contributes the eligible amount to the respective EPF account.

? Group Insurance A medical insurance policy is implemented for the teaching staff. The details of the policy are available at the accounts office.

? Maternity Leave Maternity leave (ML) may be granted to a female university-approved faculty and regular nonteaching staff as per the existing norms of the Government of Maharashtra. In case of an extension of ML, the lady staff may avail the existing HPL in her favor.

? Medical/Ambulance Medical facilities are available round the clock for the faculty as well as students.

? Scholarship/Bank facility Under Institutional Social Responsibility, the college provides financial aid in the form of scholarships to the students of

? Publication Incentives Financial assistance is provided to the faculty and students for participation in the national/international Conferences and publishing research papers in the reputed journals.

? PhD facilitations and Promotions Faculty members are provided facility for pursuing PhD. Faculties, based on their qualification & performance appraisal, are given promotion on to the higher post or financial benefits.

? Financial assistance for research, Patent/copyrights, and knowledge upgradation

? Subsidized food in the canteen.

Apart from Monetary schemes various non-monetary welfare schemes are provided to employees for their professional development. The schemes are listed below:-

? Technical workshops are conducted to keep pace with the syllabus and new technologies.

? Faculty members are encouraged to attend seminars and conferences.

? Experts from the industry and academia are invited to interact with the staff.

? The institute motivates the faculty and staff to arrange/attend industrial training programs/visits.

? Faculty members are encouraged/ assisted to undertake professional body membership for active involvement.

? Training programs are arranged to update the knowledge of the non-teaching staff.

? Faculty members are encouraged and benefit from qualification improvement programs such as Ph.D. by providing adequate time to undertake course work and research work.

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: 13.74

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

2022-23	2021-22	2020-21	2019-20	2018-19
02	04	13	03	03

File Description	Document
Policy document on providing financial support to teachers	View Document
Institutional data in the prescribed format	View Document
Copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head.	View Document
Audited statement of account highlighting the financial support to teachers to attend conferences / workshop s and towards membership fee for professional bodies	View Document

6.3.3

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

Response: 62.01

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

2022-23	2021-22	2020-21	2019-20	2018-19
84	39	20	102	26

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

2022-23	2021-22	2020-21	2019-20	2018-19
51	51	51	51	51

File Description	Document
Institutional data in the prescribed format	View Document
Copy of the certificates of the program attended by teachers.	View Document
Annual reports highlighting the programmes undertaken by the teachers	View Document

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:

The institution conducts internal and external audits regularly. An internal financial audit is carried out by college-appointed auditors. The accounts of the College are audited regularly as per the Government rules. The internal auditor checks fee receipts and payments with vouchers and necessary supporting documents and ensures that all payments are duly authorized. The external audit is carried out by Chartered Accountant Agency “Niraj Nimje & Associates.” in accordance with the auditing standards by the Institute of Chartered Accountants of India every year. The external auditor conducts a statutory audit at the end of the financial year. According to the audit report of the last year, the Balance Sheets, Statements of Income, and Expenditure comply with the accounting standards. Various accounting policies are followed in finance and accounts including general accounting policies including basic of preparation of financial statements, depreciation accounting policies, revenue recognition, Institutional level accounting policies including annual budgets, accounting of salaries, advance deduction, accounting of nonsalary expenditure, accounting of Capital Expenditure, Tuition Fees, Stock / Assets verification, Quarterly Audits, Annual Accounts.

During the internal audit the Treasurer raise objections, if any, related to finance and stock related records, giving an opportunity to the accounts to address and rectify the same. Queries in the audit will be reported to the account section and compliance is effected within a months' time. He also give necessary guidance for improvement in account maintenance. These measures ensure no further discrepancies in the records that can be objected by the external auditors. Every Financial transaction is recorded through software and Manual.

Principal prepares the consolidated Institutional budget and presents the same before the Governing Body for approval. Approved budget is handed over to the respective department and section heads for implementation. Accounts makes necessary arrangement to mobilize the fund as per the budget requirement.

Fund mobilization through following sources:

Fee collected from the students Term loan from Bank Consultancy fees Mobilization of funds received through various sources are done for following

1. Salary of teaching and supporting staff

2. Purchase of equipment, machinery, software and furniture
3. Library books, e-subscriptions of journal and books
4. Electricity charges, telephone, internet bills, postage and other miscellaneous
5. Annual maintenance contract, consumables, repair and maintenance, sanitation-house keeping gardening and security charges
6. Repayment of bank loan
7. Advertisement, printing & stationery
8. Infrastructural development facilities and Building construction works
9. Research and project activities
10. Seminars, Conferences and Faculty Development Programmes and other extra/co-curricular activities
11. Social Activities

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:

Objectives:-

- To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.
- To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

Outcomes:-

- a) Ensure heightened level of clarity and focus in institutional functioning towards quality enhancement;
- b) Ensure internalization of the quality culture;
- b) Ensure enhancement and coordination among various activities of the institution and institutionalize

all

good practices;

c) Provide a sound basis for decision-making to improve institutional functioning;

d) Act as a dynamic system for quality changes in HEIs;

e) Build an organized methodology of documentation and internal communication

An efficient Internal Quality Assurance Cell (IQAC) is in place at the Institute. This cell's goals are to raise the standard of the Institute's academic, administrative, social, and technical operations overall in accordance with the Institute's vision and mission. IQAC has made a substantial contribution to the planning, development, standardization, managing and execution of numerous quality programs, policies, and procedures.

FUNCTIONS

Some of the functions expected of the IQAC are:

- Development and application of quality benchmarks/parameters for various academic and administrative

activities of the institution

- Facilitating the creation of a learner-centric environment conducive to quality education and faculty

maturation to adopt the required knowledge and technology for participatory teaching and learning process

- Arrangement for feedback response from students, parents and other stakeholders on quality-related

institutional processes

- Dissemination of information on various quality parameters of higher education

- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion

of quality circles

- Documentation of the various programmes/activities leading to quality improvement

- Acting as a nodal agency of the Institution for coordinating quality-related activities,

including adoption and dissemination of best practices

- Development and maintenance of institutional database through MIS for the purpose of

maintaining/enhancing the institutional quality

- Development of Quality Culture in the institution

BENEFITS

IQAC will facilitate/contribute to:

- Ensure heightened level of clarity and focus in institutional functioning towards quality enhancement
- Ensure internalization of the quality culture
- Ensure enhancement and coordination among various activities of the institution and institutionalize all good practices
- Provide a sound basis for decision-making to improve institutional functioning
- Act as a dynamic system for quality changes in HEIs
- Build an organised methodology of documentation and internal communication

The following are the main tasks that IQAC performs:

1. Arranging the Governing body meeting, College developing committee, IQAC meetings and compiling feedback from various stakeholders.
2. Academic the auditing process, safety auditing, green audit, fire audit, laboratory utilization and maintenance, documentation of auditing.
3. Developing the teaching and learning system's standard operating procedure for online and offline. Arranging standardization for all academic and extracurricular events
4. Developing a unified Project policy for institute
5. Compliance of the yearly internal quality assurance cell report as per requirement of NAAC.
6. Coordination of AICTE, DTE experts visits and centralized administration of documentation
7. Submission of LEC committee data.

File Description	Document
Upload Additional information	View Document

6.5.2

Quality assurance initiatives of the institution include:

- 1. Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented**
- 2. Academic and Administrative Audit (AAA) and follow-up action taken**

3. Collaborative quality initiatives with other institution(s)**4. Participation in NIRF and other recognized rankings****5. Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.****Response:** C. Any 2 of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	View Document
NIRF report, AAA report and details on follow up actions	View Document
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date.	View Document
Link to Minute of IQAC meetings, hosted on HEI website	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

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

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

Response:

Gender equity promotion Programs are organized by the institution. Institution shows gender sensitivity in providing facilities such as: 1. Safety 2. Counseling 3. Common Room

Safety: For girls safety a surveillance camera on the main gate and Corridor has been provided for surveillance and Safety of students so that every student has been monitored properly. Visitors' diary is maintained at the girl's hostel. In case of medical problems of girl students, they report to senior ladies faculty, the faculty accompany her to hospital/home immediately. The first aid boxes are kept for emergency. All emergency numbers and the numbers of important administrators are displayed at various strategic locations within the campus. The Institute has MOU with Jain hospitals Nursing Home to provide medical help to the students and faculty.

Internal Complaints Committee has been constituted in the Institute by the guidelines issued by the Maharashtra State Commission for Women to consider complaints related to any sexual discrimination/harassment of girl students and women in the institute. Students have the liberty to reach out to any member of the committee at any time.

The Anti-Ragging Committee ensures ragging free, secured campus for all, especially the girl students. The disciplinary committee ensures regular visits to the hostels, classrooms, common rooms and canteen to check the prevalence of any prohibited activities. The anti-ragging cell has 6 faculty members including 2 lady faculty members to handle girls' complaints.

A Suggestion box / Complaint box is provided at different locations in the institute. The counseling room is available on campus for both boys and girls students counseling. Woman's day is celebrated every year under NSS to recognize the importance and responsibility that women carry in society. The Students can directly concerned with mentor regarding any issues related to Academic, Personal also check their mental health this process run through Mentor-Mentee

Scheme.

File Description	Document
Upload Additional information	View Document

7.1.2

The Institution has facilities and initiatives for

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

Response: A. 4 or All of the above

File Description	Document
Policy document on the green campus/plastic free campus.	View Document
Geo-tagged photographs/videos of the facilities.	View Document
Circulars and report of activities for the implementation of the initiatives document	View Document
Bills for the purchase of equipment's for the facilities created under this metric	View Document

7.1.3

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

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

Response: A. All of the above

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

7.1.4

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

Response:

The Institute organizes various cultural programmes have been organized to spread the message of social harmony and to preach that our nation's distinguishing feature is unity in diversity. During Navaratra, a Garba dancing competition was held in which students from many castes and religions competed with zeal and excitement. These were the occasions when the kids demonstrated their unity. The yearly social event was organized, and students from all castes and religions came together and participated enthusiastically. In terms of college staff, there is a magnificent blend of men and women from various castes and religions, as well as distinct mother tongues. The College organize Dahi Handi, Shiv Jayanti, Holi Celebration, Diwali Pooja where student can perform various activities dance ,Singing ,Debates, Skit & so on . Students can perform traditional dances depicting tales of Lord Krishna or even contemporary dances to the beat of Dahi Handi songs. Holi, also known as the festival of colors, celebrates the victory of good over evil where student can learn their traditional values. Institute organizes fresher party and annual gathering function Exploria.

The institution has been striving extensively and taken the initiative to create an atmosphere that is friendly. Independence Day and Republic Day, both national holidays, were enthusiastically commemorated. Social harmony, awareness of society, and a sense of being part of the nation and community were emphasized in these programmes. Student patriotic singing and dancing performances, Hon. Chairman delivers a Republic Day speech. Independence Day (15 August) is observed with the raising of the flag, a parade of the Colors of the Revolution, and other patriotic events. Every year on June 21, the world celebrates the International Day of Yoga. Every year on September 5 to honor the anniversary of Dr. S. Radhakrishnan's birth, the Institute proudly observes Teachers' Day. Every year on January 12, Swami Vivekananda's birth anniversary is recognized as National Youth Day. Akhand Bharat is a term that means "Undivided India" in Sanskrit. Historically, it refers to the entire Indian subcontinent, before various partitions that led to the formation of present-day nations like India,

Pakistan, Bangladesh, and others. The concept embodies a vision of unity and shared culture, despite current political boundaries. The Nations hero's who gives a freedom was observed to instill in students the values of patriotism, duties, and responsibilities in relation to the work of National Hero. Through NSS events throughout the year, students have learned about their obligations and the qualities required being good citizens. The constitution states that there should be no discrimination based on gender, religion, or caste.

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

Title of the Practice: Improving Employability through Skill Development for Students.

2. Objectives of the Practice ACE College of Engineering has actively been developed in the design and implementation of add-on programs around different engineering streams. The following are the educational objectives and expected outcomes of such programs: 1. To develop students to industry culture and practices 2. To build students and make them capable to face any problem solving capability in them

3. The Context Despite best efforts at developing a curriculum for students bring out professional engineers, in targeted world and well-established approach among them which fill the gap between the talent pool and the demands of core engineering sectors.

4. The Practice Administering an add-on program requires careful attention of the engineering curriculum already being delivered, the gaps in the curriculum that need to be plugged to make the student industry-oriented and the ability of understanding various department to effectively fill this gap. The following is the procedure adopted by all departments in introducing an add-on program to channel curricular gaps: i. Review the academic curriculum and identify problems in the content ii. Identify industry sector requirements and develop the students by guiding them for the same iii. Prepare a clear mapping of the curricular with industry based study iv. Identify available infrastructure with all department and propose additional facilities essential (with budgetary requirements) v. Identify faculty competency available in all department (if any) in the proposed area by developing faculties by providing technical trainings

5. Evidence of Success The college has so far started 7 such add-on programs some of which are given

below: 1. Hardware and Networking: - This is certified by Sonai Pvt Ltd. Over 20 have admired this certification (2021-22) 2. Seminar on Tender and Contract Management (2021-22) around 25-30 students are attend the seminar. 3. Workshop on Introduction to Construction Management around 28-30 students are attained the workshop (2022-23) 4. CAD/CAM program for students development. (25-30) 5. Internship program at A.K Gandhi TVS, Wardha around (25-30) attained the internship 6. Certification Course in “Basics of Electrical Installation Design” for students around 22-25 students are certified by this course.(2019-20) 7. VLSI Program for students, around 22-25 students are benefited (2019-20).

6. Problems Encountered and Resources Required When applied practically, a few gaps exist between the proposed methodology and practical implementation. This is mainly because of the economic constraints as each department is permitted to work on a fixed budget which is generally revised for each academic year..

Best Practice 2

1. Title of the Practice: Green Initiatives and Environment Friendly Campus

2. Objective of the Practice: We believe that the best practices of our institution find validation in the fact that, each year, numbers of students admitted in campus, their number always higher than the previous year, apply for admission to our college.

3. The Context: A clean and neat environment is a basic necessity for human beings' health and efficiency. The main purpose of the practise is to report knowledge, create awareness, develop an attitude of concern and nurture the necessary skills to handle the environmental issues and challenges.

4. The Practice :

1. The college has developed a beautiful campus with lawns, a botanical garden, etc. 2. The college has planted trees through all the surrounding. 3. Signboards/posters are displayed on the college campus to encourage ideas of plasticfree campuses, noise pollution, and environmental awareness. 4. LED bulbs are installed in the college buildings and the campus to save electricity. Solid Waste: Solid waste is managed by cleaning staff assigned at different locations in the College. The dustbins are placed at various locations including classrooms and laboratories as well as campus. The institute has a contract with an authorized vendor who collects the waste from the designated place, segregates, recycles, and disposes at the landfills authorized by the government. Solid waste such as glass, plastic, and Iron waste is segregated and sold to vendors then it go for further process. E-Waste The Institute has adopted an effective way of disposing of e-waste. Bins are provided in the laboratories of each department to collect the e-waste. The Institute takes the services of Government of Maharashtra approved e-collectors and e-recyclers for the effective management of e-waste. “Sony Computers” have been providing services for the same. Liquid-Waste The Institute features a productive drainage system for the liquid waste produced on the campus. On campus, no particular hazardous liquid waste is produced. The liquid waste passes through a sewer that is created by professionals with all necessary specifications and Manholes and ventilation. The primary sewer is then linked to the municipal corporation's sewers.

5. Evidence of Success: This best practise has provided to be successful through the following activities: 1. Through yearly tree plantations, flora and fauna on the campus have been improved, resulting in the transformation of the campus into an eco-friendly one. 2. An awareness campaign for the plastic-free campus through notices and display boards has made the campus overall plastic free. 3. Through

workshops/seminars/NSS/Nature Club, students are made aware of the various environmental issues. 4. A mandatory course on environmental awareness at the B.Tech level is taught practically. 5. Students also take participation in planting trees in campus to help our environment

6. Problems Encountered and Resources Required: While carrying out this practice, the following problems are encountered by the college: 1. Green Campus initiatives are inspiring, so they require determination and a long-term commitment from all the stakeholders. 2. The Green Campus initiative is a rather expensive practice. It needs expert advice and an investment of resources. 3. Sufficient manpower is needed to sustainably maintain green practices. 4. Lesser awareness among the students and community towards environmental issues aggravates the problem levels.

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

7.3 Institutional Distinctiveness

7.3.1

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

Response:

The institution stands out for its disciplined atmosphere, sustained achievement of academic success, and impeccable cleanliness. The institution is well-known in the community for its superior academic standing as well as for enforcing discipline through professional conduct, consistency, and timeliness. Students regularly receive medals for outstanding performance in the university examinations and honors for best student. By giving winners a financial award, the college has a tradition of encouraging academic excellence. Students with strong technical skills have won national technical competitions, bringing honors to the college. The publications and patents that students have to their name demonstrate their inventiveness. By allowing students to participate in industry internships, leading businesses have also acknowledged the college's potential. Students who excelled academically were placed on college campuses and pursued higher education, which led to their acceptance into a number of prestigious industries. The college has placed a strong emphasis on staff and student punctuality reporting on time. Students that attend class in a disciplined manner have developed virtues like responsibility, poise, self-control, and punctuality. After graduating from the Institute, students have admitted that the disciplined environment helped shape their personalities, which have helped them be valued at work. In the area, the institute is renowned for its cleanliness. Our mission is "Service to the Society through Quality Technical Education," and we have been fostering aspirant minds with technical education.

- **Variability of Students:-**

A significant task is promoting diversity within the institutions. We have emphasized diversity practices and provided examples of how to apply diversity awareness both inside and outside of the classroom.

While there is a lot of talk about diversity, most of it centers on the marginalization of race, gender, and physical orientation, the institution has admitted students from different states in India like MP, Bihar, UP, Arunachal Pradesh and J&K.

- **Gaining Knowledge of Ambiance, Location, and Culture:-**

Both students' and teachers' work is valued, and this is reflected in the environment of the classroom. High cognitive energy is a hallmark of a classroom culture that values learning. All students have high expectations, and the classroom is a place where both the teacher and the students value learning and hard work. To boost performance, the institute sets up remedial classes for the underachievers. Students are assigned mentors who provide academic and personal counseling and foster an environment free from fear.

- **Moral Principles and Honesty:-**

Colleges commemorate national holidays, such as Teachers Day, International Women's Day, Engineers Day, Republic Day, and Independence Day, to teach moral principles and their significance. The national anthem is played before every show to inspire a sense of integrity and patriotism. To teach students ethical practices and human values, RTMNU University offers a course called Professional Ethics and Human Values. The educational institution encourages diverse students to participate in and lead activities and programs such as conferences, symposiums, workshops, cultural festivals, sports and college days, and so on both on and off campus. Students are invited to display their homegrown and regional talents at annual functions and alumni day.

- **Action plan for the upcoming academic year:**

- In September 2024, a one-week internship program for first-year BE students will be held.
- To run Faculty Development Programs (FDP) and Short Term Training Programs (STTP) virtually.
- Workshops should be organized by all departments.
- In order to better place pupils.
- To carry out environmental friendly initiatives through the National Service Scheme (NSS) and to encourage students to participate in NSS/NCC events.
- To encourage student and staff participation in curricular, co-curricular, and extra-curricular activities organized by other institutions/universities/external organizations.
- In order to improve the skill-building exercises.
- In order to intensify incubation efforts.
- To inspire students to take part in Extension activities, such as blood donation, orphanage visits,

etc., and to foster social consciousness.

- To convince staff members and students to engage in physical activities such as yoga, meditation, and other forms of exercise.
- To coordinate the Yantrotsav, a national robotics competition, and other related events.
- To put together a workshop for instructors in schools and junior colleges.
- Wholeheartedly of six semester students' internships.
- Our belief is that education ought to pique the curiosity and intellect of the youth.

File Description	Document
Appropriate web in the Institutional website	View Document

5. CONCLUSION

Additional Information :

At ACE, we work hard to nurture youths' talents and skills through quality technical education, inspire self-discipline and equip them with the skills they need to meet the challenges of globalization. The following efforts are made.

- To provide education centered on values.
- In a year organizes national level technical event
- To create professionals with the necessary soft skills and personality growth through training, establishing connections with academic, industrial, and research institutions
- To furnish and provide academic and research activities with a suitable infrastructure.
- To promote student's for business ideas.
- To educate students in and follow to environmental friendly, ethical engineering practices.
- To promote and expand a green environment.
- To inspire faculty members to present papers for publication in journals and national/international conferences.
- To provide teachers with training in innovative methods of teaching so they can become better educators.
- Adapting the ways that applications and technology are changing.
- To offer tools, resources, and opportunities for continuous growth.

Concluding Remarks :

The Agnihotri College of Engineering has adopted modern technology and has a clearly defined vision and mission statement. It strives to provide high-quality education. Programs for career guidance training such as GRE, GATE etc. are also used to help students become more competitive and leadership-oriented. Through internships, startup initiatives, and research projects, we are using a variety of cutting edge technologies to increase the skill sets of undergraduate students as part of skill India. With all these strengths and amenities, Agnihotri College of Engineering kindly invites the NAAC peer team to visit the campus and conduct an assessment in preparation for the accreditation process.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.2.1	<p>Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)</p> <p>Answer before DVV Verification : 29 Answer After DVV Verification :28</p>																				
1.2.2	<p><i>Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years</i></p> <p>1.2.2.1. Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>360</td> <td>373</td> <td>158</td> <td>258</td> <td>139</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>360</td> <td>373</td> <td>109</td> <td>252</td> <td>115</td> </tr> </tbody> </table>	2022-23	2021-22	2020-21	2019-20	2018-19	360	373	158	258	139	2022-23	2021-22	2020-21	2019-20	2018-19	360	373	109	252	115
2022-23	2021-22	2020-21	2019-20	2018-19																	
360	373	158	258	139																	
2022-23	2021-22	2020-21	2019-20	2018-19																	
360	373	109	252	115																	
1.4.1	<p><i>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</i></p> <p>Answer before DVV Verification : A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website Answer After DVV Verification: B. Feedback collected, analysed and action has been taken and communicated to the relevant bodies Remark : Input edited from supporting documents provided for clarification.</p>																				
2.6.3	<p>Pass percentage of Students during last five years (excluding backlog students)</p> <p>2.6.3.1. Number of final year students who passed the university examination year wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>75</td> <td>126</td> <td>101</td> <td>53</td> <td>41</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p>	2022-23	2021-22	2020-21	2019-20	2018-19	75	126	101	53	41										
2022-23	2021-22	2020-21	2019-20	2018-19																	
75	126	101	53	41																	

2022-23	2021-22	2020-21	2019-20	2018-19
49	126	100	53	41

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
121	141	103	53	62

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
123	141	102	71	63

Remark : Input edited from supporting documents provided for clarification.

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:

2022-23	2021-22	2020-21	2019-20	2018-19
14	14	5	10	9

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
07	05	04	05	06

Remark : Programmes conducted under the metric 1.2.1 will not be considered in this metric. Input edited as per the workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship .

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
1	1	2	1	5

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
0	1	0	1	04

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:

2022-23	2021-22	2020-21	2019-20	2018-19
0	1	0	1	4

Answer After DVV Verification :

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

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
15	19	7	1	7

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
9	15	5	1	5

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 :

Answer After DVV Verification :21

Remark : Input edited from supporting documents.

4.1.2 **Percentage of expenditure for infrastructure development and augmentation excluding salary**

during the last five years

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
20.38	5.29	7.6	0	23.21

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
19.28	5.29	0	0	1.06

Remark : Input edited as per the expenditure for infrastructure development and augmentation excluding salary during the last five years.

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

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

Answer before DVV Verification : 110

Answer after DVV Verification: 62

Remark : Input edited as per the computers available for students usage only.

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
67.85	50.06	27.92	57.64	96.14

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
24.39	22.32	17.23	29.65	36.42

Remark : Input edited as per the expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs).

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

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

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: D. 1 of the above

Remark : Input edited as per provided data.

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:

2022-23	2021-22	2020-21	2019-20	2018-19
232	240	254	115	68

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
232	322	172	115	68

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

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

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: B. 3 of the above

Remark : Input edited as per supporting documents provided.

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
19	99	38	52	35

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
19	99	38	53	34

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

Answer before DVV Verification:

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

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
4	0	3	1	0

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
02	0	01	0	0

Remark : In absence of certificate, the claim will not be considered, input edited accordingly.

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:

2022-23	2021-22	2020-21	2019-20	2018-19
40	30	1	43	42

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
5	5	0	5	5

Remark : Input edited as events should not be split into activities.

6.2.2 Institution implements e-governance in its operations

- 1. Administration**
- 2. Finance and Accounts**

3. Student Admission and Support**4. Examination**

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: C. 2 of the above

Remark : Input edited as HEI has provided supporting documents for option 1 & 4.

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
5	6	18	4	7

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
02	04	13	03	03

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
85	104	29	108	26

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
84	39	20	102	26

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
47	46	45	46	47

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
51	51	51	51	51

6.5.2	<p>Quality assurance initiatives of the institution include:</p> <ol style="list-style-type: none"> 1. Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented 2. Academic and Administrative Audit (AAA) and follow-up action taken 3. Collaborative quality initiatives with other institution(s) 4. Participation in NIRF and other recognized rankings 5. Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc. <p>Answer before DVV Verification : A. Any 4 or more of the above Answer After DVV Verification: C. Any 2 of the above Remark : Input is edited by considering options 1 and 3.</p>
7.1.3	<p>Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following</p> <ol style="list-style-type: none"> 1. Green audit / Environment audit 2. Energy audit 3. Clean and green campus initiatives 4. Beyond the campus environmental promotion activities <p>Answer before DVV Verification : A. All of the above Answer After DVV Verification: A. All of the above</p>

2. Extended Profile Deviations

ID	Extended Questions																				
1.1	<p>Number of students year wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <tr> <td>2022-23</td> <td>2021-22</td> <td>2020-21</td> <td>2019-20</td> <td>2018-19</td> </tr> <tr> <td>499</td> <td>490</td> <td>395</td> <td>314</td> <td>289</td> </tr> </table> <p>Answer After DVV Verification:</p> <table border="1"> <tr> <td>2022-23</td> <td>2021-22</td> <td>2020-21</td> <td>2019-20</td> <td>2018-19</td> </tr> <tr> <td>499</td> <td>490</td> <td>395</td> <td>314</td> <td>289</td> </tr> </table>	2022-23	2021-22	2020-21	2019-20	2018-19	499	490	395	314	289	2022-23	2021-22	2020-21	2019-20	2018-19	499	490	395	314	289
2022-23	2021-22	2020-21	2019-20	2018-19																	
499	490	395	314	289																	
2022-23	2021-22	2020-21	2019-20	2018-19																	
499	490	395	314	289																	
2.1	<p>Number of teaching staff / full time teachers during the last five years (Without repeat count):</p> <p>Answer before DVV Verification : 69 Answer after DVV Verification : 59</p>																				
2.2	<p>Number of teaching staff / full time teachers year wise during the last five years</p>																				

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
31	32	35	42	53

Answer After DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
21	31	35	42	53

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
139.74	77.979	34.478	87.692	176.516

Answer After DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
139.74	77.97	34.47	87.69	176.51