



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution		Wainganga College of Engineering and Management, Nagpur
• Name of the Head of the institution		Dr.Somadatta B.Karanjekar
• Designation		Principal
• Does the institution function from its own campus?		Yes
• Phone no./Alternate phone no.		7391058481
• Mobile No:		9975323581
• Registered e-mail		principal@wcem.edu.in
• Alternate e-mail		wcem4145@gmail.com
• Address		near gumgaon railway station Dongargaon wardha road Nagpur
• City/Town		Nagpur
• State/UT		Maharashtra
• Pin Code		441108
2.Institutional status		
• Affiliated / Constitution Colleges		Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur
• Type of Institution		Co-education
• Location		Rural

• Financial Status	Self-financing				
• Name of the Affiliating University	Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur				
• Name of the IQAC Coordinator	Dr. Janvi Rathi				
• Phone No.	8624081773				
• Alternate phone No.	8624081773				
• Mobile	9322598035				
• IQAC e-mail address	iqac@wcem.edu.in				
• Alternate e-mail address	hod.mba@wcem.edu.in				
3. Website address (Web link of the AQAR (Previous Academic Year))	https://www.wcem.in/files/ugd/d890ed_22cfde7d559f451d94daf976475f00fa.pdf				
4. Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.wcem.edu.in/files/ugd/d890ed_95926b412f514647b83c4203c7146401.pdf				
5. Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	2.1	2018	30/11/2018	29/11/2023
Cycle 2	A	3.03	2023	03/03/2023	02/03/2028
6. Date of Establishment of IQAC			15/07/2019		
7. Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
nil	nil	nil	nil	nil	
8. Whether composition of IQAC as per latest NAAC guidelines			Yes		

• Upload latest notification of formation of IQAC	View File	
9.No. of IQAC meetings held during the year	3	
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	No	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	View File	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
• If yes, mention the amount		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
INTERNATIONAL CONFERENCE CONDUCTED FOR PROMOTING RESEARCH APPROACH ESTABLISHED INNOVATION AND INCUBATION CENTRE NEW COURSE OF MCA IS APPROVED RECEIVED THERE ARE TOTAL 8 PATENT ARE REGISTERED IN THAT 6 PATENT ARE PUBLISH IN 2024 AND 2 ARE IN PREVIOUS YEAR		
12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year		
Plan of Action	Achievements/Outcomes	
working on Completion of autonomy documents	college got autonomy status	
start the working on Incubation centre and actively working for NBA of 3 courses	Received approval of incubation research centre	
13.Whether the AQAR was placed before statutory body?	No	
• Name of the statutory body		

Name	Date of meeting(s)
Nil	Nil

14. Whether institutional data submitted to AISHE

Year	Date of Submission
C-18810	15/05/2024

15. Multidisciplinary / interdisciplinary

na

16. Academic bank of credits (ABC):

na

17. Skill development:

Skill development courses and classes is conducted in Institute organising by Government skill development committee various skill development program conducted according to branch

18. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

Local language has been extensively used for teaching as per New National Education policy Encouraging Engineering students to pursue Internship in Indian Knowledge system (IKS) Indian Knowledge system Committee is organised by Institute.

19. Focus on Outcome based education (OBE): Focus on Outcome based education (OBE):

Continuous improvement and evaluation policy has been adopted by institute Formative and summative assessment process is continuous in institute according NEP

20. Distance education/online education:

na

Extended Profile

1. Programme

1.1

325

Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	View File

2.Student

2.1 **1464**

Number of students during the year

File Description	Documents
Data Template	View File

2.2 **423**

Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year

File Description	Documents
Data Template	View File

2.3 **278**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1 **124**

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2 **124**

Number of Sanctioned posts during the year

Extended Profile

1.Programme

1.1	325
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	1464
Number of students during the year	

File Description	Documents
Data Template	View File

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Data Template	View File

2.3	278
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic

3.1	124
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.2	124
Number of Sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	83
Total number of Classrooms and Seminar halls	
4.2	17,46,88,611
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	450
Total number of computers on campus for academic purposes	
Part B	
CURRICULAR ASPECTS	
1.1 - Curricular Planning and Implementation	
1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process	
Response: The College was established in 2008 and affiliated to RTMNU, Nagpur. The College strictly adheres to the curriculum delivery as per the RTMNU guidelines. In view of implementing the curriculum WCEM has effective mechanism as described under. Curriculum Analysis,Delivery PlanCurriculum Analysis: It is analysed that the RTMNU curriculum is a blend of HSS, BS, ES, PS core/Electives, Internship, Project work etc. as per the AICTE guidelines. The curriculum delivery plan as described below will address the Vision and Mission of the institute and meets the Outcome Based Education (OBE) components like PEOs, POs, PSOs, and COs regulatory bodies. the institution established IQAC which takes care of the academic planning and monitoring Classrooms are equipped with LCD projectorand internet facility to	

impart webbased/online teaching students better understanding the subject. All the labs are well sophisticated Equipments. Excellent library facilities, digital library, access to e-journals and Wi-fi and internet facility is available in campus for better teaching and learning Academic Schedule/Time Table, the faculty will maintaining course file ,Dean Academics will continuously monitor the attendance and syllabus coverage for every month. Student's feedback on teacher will taken in every semester. .

FDP Industrial visits Project-based experiential learning Remedial classes

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The institution adheres to the academic calendar for the conduct of Academic Calendar: RTMNU displays academic calendar on its University website at the beginning of every academic year. its consist of induction days, time of displaying the attendance, schedules of academic events, extracurricular activities, sports, sessional and pre-University examinations, remedial classes, internal practical submissions, display of sessional & PUT results, guest lectures

Teaching Plan: Faculties are allotted subjects before start semester based on their choice Faculties prepare subject file which includes syllabus , teaching plan, University question papers, unit-wise notes, RA f laboratory manuals are revised before the beginning of semester

CIE students performance is carried out modified so syllabus is completed within. Informal feedback of students regarding the understanding subjects is taken by HoD and principal. The feedback of the subject is taken manually & online in each semester. The adherence is monitored every month with IQAC Coordinator & Principal, syllabus coverage, events to be organized, Attendance monitoring is done on regular basis. The information students having poor attendance is conveyed to the parents in Parent teacher meet, by telephonic call or SMS. Two sessional exams and

one Pre-University Test are carried out in each semester.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

17

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	No File Uploaded

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)**2**

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year**462****1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year****304**

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

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

1. Professional Ethics and Human values: This course enables students to know fundamental rights, directive principles, duties of citizens, to understand engineering ethics their responsibilities, identify their individual roles and ethical responsibilities towards society. it is dealing with ethical aspects for the prosperity of organization, personal development of students. It helps to lead the life towards holistic and value-based living.

2. Gender: The institute understands the importance of Gender

equality maintain good ratio of women to men work force in both teaching and non-teaching.as per the admission analysis girl to boy student ratio is 2:3. WCEM has provided separate hostel for boys and girls with good infrastructureInstitute has organized various workshops and invited talks on Woman Empowerment, Laws for Woman, The Sexual Harassment of Woman at workplace.

Environment and Sustainability:NSS unit took initiation for planting of good number of saplings including fruit bearing plants to make environment green and pollution free. NSS organizes various environment related programmes like Earth Day, World Environment Day, plastic free drive, seminars and guest lectures WCEM has installed solar power panel with 5 KW power generations and partly it is used by the institute and the other part is contributed to the grid.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

35

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	View File
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

1.3.3 - Number of students undertaking project work/field work/ internships

693

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	A. All of the above
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File Description	Documents
URL for stakeholder feedback report	No File Uploaded
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows

B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	View File
URL for feedback report	Nil

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

876

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

423

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Response: WCEM is a institute providing core technical knowledge in Rural area of Central Maharashtra. On the basis of internal examination assessment and Marks students' are categorized into slow and advanced learner. During the course of interaction and regular performance in internal assessments, students' abilities are identified and training are provided to cater the needs of slow and advanced learners.

Advanced learners: WCEM follows evaluation pattern to Encourage students in GD, technical quiz to develop analyticalproblemsolving abilities. Motivating them to do projects,practical awareness right from 2nd year onwards.

Advanced learners are encouraged to register for NPTEL courses,competitive exams like GATE, IES, GRE,CAT.

Slow learners: Departments conduct remedial classes, and a separate library hour is included in the timetable for the slow learners and faculty are always available to clear doubts at any point of time. Extra classes are organized to clarify doubts, re-explaining of critical topics for improving performance. The slow learners are given regular class tests in order to improve their performance in the university exam Further faculty members make the students to practice previous year question papers after completion of every module. The institution started a separate programme called Backlog Reduction Programme for slow learners.

File Description	Documents
Link for additional Information	Nil
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
15	1

File Description	Documents
Any additional information	No File Uploaded

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

I. Experiential Learning

.Project work : Project work is organized in 1) Mini project and 2) Major Projects this is an essential element of each programme Internship or Field Projects in industry.

Participation in competition : For Real time exposure students are encouraged to participated at National and International Level exams like GATE,MPSC CAT and other exams of national importance.

Field Visits : Faculty identifies and propose Academically significant Field visits ,Surveys

Organize the industrial visits for students to provide exposure to industrial work culture.

Guest Lecture: Guest lecture by eminent experts from industry and academics from across the world are organized

Technical Fest (TECH YARD) is organized every year

II. Participative Learning

All Departments organize students' professional societies and club activities to promote the spirit of Team work. The activities and Camp of NSS, institutional social responsibility through Red Cross, Village Adoption, Tree plantation. Swachh Bharat and Health awareness camp

.Students are also encouraged to attain NPTEL/ MOOCs certification courses.

III. Problem solving Methodology

.Projects : Students project method is adopted in teaching learning process to make the students have logical thinking and practical knowledge to develop problem solving ability.

Analysis and Reasoning.Quizzes and debates and debates

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

1.Generic tools for learning : Starting from productivity tools to simulation & modelling to access, extend, transform and share information e.g. Licenced and open source software for lab and Projects.

2.Content-based resources : to access a vast source of educational resources that effectively can be integrated with the curriculum objectives e.g MHRD-NMEICT, NPTEL-SWAYAM, Blogs, NDL, SPOKEN TUTORIAL. OPAC is available in the library for faculty and students to search for the various books and journals available in the library

3.Interactive instructional courseware: Self-paced learning materials e.g Google Class Room, MOODLE/Blackboard, Video Lecture, Course material in website, YouTube channel. etc. The entire faculty prepares the lecture notes referring the standard books pertaining to the subject. These lecture notes are uploaded in the college website for students 'reference. In this manner students are aware of the topics their faculty is taking/ would be taking in the next class,

Positive Impact

- Explore and represent information dynamically and in many forms**
- Become socially aware and more confident**
- Increase motivation**

- **Develop better understanding and broader view of processes and systems**
- **Greater problem solving and critical thinking skills.**

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	Nil

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

124

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	No File Uploaded
mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

124

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	No File Uploaded

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

9

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

124

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Theory courses and Assignments. As per the policy decided by head of institution, all Head of departments, 2-internal sessional exams are conducted and average of the 2 performances is taken as final marks. Average of Sessional-1 and sessional-2 exams are treated as base for calculating marks at average level.

Assignment : To become a part of continuous evaluation process and to improve learning at deep level assignments are given to students on each unit and they are evaluated

Teacher Assessment : On the basis of regular attendance in theory and practical , extra activities and participation, subject teachers assess the learning performance of an individual student and assess performance internally.

Laboratory work: The marks awarded in Practical is based on weekly evaluation of laboratory journals after the conduction of every experiment and one practical test at end of semester.

1. Examination section prepares the time table of IAs and circulate to all the departments, a week before.

2. After the completion of IAs the evaluation schemes are displayed on the notice board for the student's reference, and also to maintain the transparency in the evaluation system.

3. The B.E. final year major project is conducted in two phases.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

The grievances related with the examination form/ mark sheet/change of elective / hall ticket students have to apply the application form through student section to the university with necessary fees. After the declaration of results, students who wish to apply for photocopy and revaluation has to submit the online application form on the university website as per schedule declared by the university. University provides a soft copy of

answer sheet on student's email ID in stipulated time.

Institute Level: The internal evaluation is majorly focused on student's attendance and their marks in sessional and preUniversity examinations, assignment submission, participation in co-curriculum, extra-curriculum.

Class teacher displays the attendance report on notice board at the end of every month and students having any discrepancy gets corrected by approaching the concerned class teacher with due permission from the head of the department. Students who have taken prior permissions for leaves with medical reasons are generally considered. Faculty members evaluate the answer sheets of sessional examinations and pre-University examination and the evaluated answer sheets are shown to the students. In each department, the final internal assessment marks of the students are displayed on the notice boards.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

Response:

The learning outcomes are clearly defined using blooms taxonomy for all academic programmes and courses of the Institute. While defining the learning outcomes, following are taken care of:

The Learning outcomes are measurable and stated using active verbs (Bloom's taxonomy). They are expressed as complete declarative sentences that clearly describe the knowledge, skills, and competencies that students are expected to acquire as a result of completing their programme of study. The resources (faculty, library, labs, technology etc) and pedagogy to be adopted for effective course delivery and student learning are determined in consonance with the learning outcomes to be achieved. .

The PO, PSO, CO, PEO's are disseminated at:

Principal Chamber Staff rooms Design Laboratories Notice Boards
Class rooms. Seminars Hall Library Disseminated to all stake
holders at appropriate meetings and forums Corridor

In addition to the above, Vision, Mission, PEO's, PSO, POs and COs are conveyed during the first day of each academic semester and also convey the same through different Activities. Apart from these Outcomes are disseminated to all the stakeholders of the program through faculty meetings, student awareness workshops, student induction

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all courses (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Attainment of Course Outcomes

The assessment of course outcomes are through Internal examinations, assignments, Seminars, Projects, Viva voce. The internal questions are set with respect to blooms revised learning level. Each question is mapped to Course outcome. Program shall have set Course Outcome attainment levels for all courses.

CO Assessment

Internal Assessment

(20% weightage)

University Assessment

(80% weightage)

Course Outcome is evaluated based on the performance of students in internal assessments and in university examination of a course. Internal assessment contributes 20% and university assessment contributes 80% to the total attainment of a CO.

CO Assessment Tools:

The various assessment tools used to evaluate COs and the frequency with which the assessment processes are carried out are listed below

Direct Assessment Tools

DIRECT ASSESSMENT TOOLS

Course Type

Assessment Tools

Minimum Frequency

Theory

Class Test

Twice per course

University Exam

Once per course

Practical

Daily Performance

Every lab session

Model Lab exam

Once per course

University Exam

Once per course

Seminar

Presentation

Once for final year

Project

Zeroth Review

Once per course

First Review

Once per course

Second Review

Once per course

Demonstration/external evaluation

Once per course

Evaluation by Guide

Continuous evaluation

Viva Voce

University Assessment

Once per program

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

291

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

https://www.wcem.edu.in/files/ugd/d890ed_63b730a6374c478da457f269e9f24c54.pdf

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 year (INR in Lakhs)

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

12000

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

1

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

11

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year**3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year****32**

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year**3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year****20**

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities**3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year**

WCEM conducts and takes part in a variety of extension activities with a twofold objective of not only sensitizing students in various public issues but also contributing to the neighborhood and reinforcing community participation. The NSS schemes of the Institute initiated various events like organizing camps, promoting Swachh Bharat, blood donation camps, awareness programs on , Pollution And Hygienic Environment, etc. The college also contributes much through the NSS wing which has multi-faced activities like environmental issues, working with orphanages, etc by involving the volunteers. Events like Tree Guard, Blackboard distribution are successfully conducted with the cooperative participation of the volunteers. The NSS wing takes care of arranging guest talks on topics like gender issues, women's

security, etc. The students participate actively in the International Yoga Day as Yoga is considered to be the best art to control the mind through the body. Covid -19 Awareness program, Covid -19 Vaccination drive, Workshop on Sustainable Human Excellence, Awareness on Pollution and Hygiene Environment, Sanitation for College people, plantation drive seeded for the Green Revolution have been followed as a part of environmental awareness and also motivate the neighborhood to take similar steps in this aspect.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

2

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	No File Uploaded

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

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

8

File Description	Documents
Reports of the event organized	No File Uploaded
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

1230

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

19

File Description	Documents
e-copies of linkage related Document	No File Uploaded
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	No File Uploaded

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

7

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	No File Uploaded
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

Wainganga College of Engineering and Management, Nagpur is stretched over an area of 2.70 hectares in a green, clean, neat and spacious environment. It is a fully self-contained campus with requisite infrastructure based on AICTE norms and a facilitator for effective teaching- learning process. The Academic block consists of state of art classrooms, laboratories, seminar halls, meeting rooms and is adequate in numbers providing a good learning ambience to students through modern teaching aids and ultramodern facilities. To enhance learning and to provide a high standard in technical education, the institute provides a wide array of sophisticated equipment in all the laboratories in various departments. To periodically organize and motivate co-curricular and extracurricular activities for the students, the campus has seminar halls, conference halls and research laboratories like the Centre for Data Science and Artificial Intelligence. The college has a dedicated 300 Mbps FTTH (Fibre to the home) connectivity from BSNL for providing uninterrupted internet services to the systems. There is a separate server room which provides all administrative services, computing facilities to all the computer systems inside the campus. Entire campus is Wi-Fi enabled with secure log in mechanisms ensures the learning through ICT.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

The Club also plays supervisory role to initiate, execute, coordinate, and supervise physical education, sports activities and programmes that enhance specific interest in sports, which are conducted throughout the year. The following facilities are available for outdoor

SPORTS CLUB: The College promotes both indoor and outdoor sports activities for the students to bring out the talents of the students in sports. The Physical Education Director identifies the specific talents and skills of the students and according provide training to them. The campus has the required facilities to play Throw ball, Chess, Carom, Table Tennis, and Badminton, Volleyball, Foot Ball, Cricket, Kho- Kho, and Kabaddi.

CULTURAL CLUB: The cultural club has a vision for promoting a vibrant, memorable and rich campus experience for the students through various arts and cultural activities.

Other Clubs:

To extend the services of WCEM, Nagpur to the society there are Service Oriented Clubs like National Service Scheme (NSS), Rotoract club, YRC and Yi-Yuva. The students volunteer their services to the society. Notable services like Blood donation camp, planting tree saplings, raising funds and materials during emergency situations like flood, cyclone, earthquake etc

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart

class, LMS, etc.

11

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

11

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

62,696,818

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Library Automation: Library offers Open Access System to students and staff members to access the reading materials of the library. Library is partially automated and Sack Info (version 2.5 web version using .Net) is the software used for Circulation, Procurement, and Project Reports. Year of Automation is 2015-2016. All the library documents are bar-coded and books are issued to users by reading the barcode of the documentan average around 150

students make use of the Library resources

The institute has well equipped library with area 460 Sq. m which includes reading room with

seating capacity for 144 learners. Digital library is also available. Book bank facility is available for the economically backward students.

The library has total of 6313 number of titles, 25282 numbers of books, 138 national journals, 686 DELNET e-journal, 3293 DELNET e-book, 2290 Downloaded e-book, 150 downloaded NPTEL video. After college hours also Library facility is made available for the students.

Library Advisory committee meetings minutes' implementations

Well Maintain Library Registers and Files

The files relevant to Library and Library services are well maintained and labelled for easy access to any of the Library staff.

Display of New Arrivals books

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	Nil

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

53150

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

40

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

1. At the beginning of the session requirement for replacement/up-gradation/addition of the existing infrastructure is carried out based on suggestions from all

heads of department, lab technicians, and advisory committee by reviewing course requirements. Computer-student ratio, stand alone facility, LAN facility, Wi-Fi facility, Licensed software, budget constraints, working condition of the existing equipment are given due attention.

2. Best use and optimal deployment of available infrastructure is insured through conducting workshops /awareness programs/ training programs for faculty on the use of new technology.
3. Number of computers with Internet facility: Every computer is having internet facility. The computer laboratories has separate UPS backup. The generator backup is provided for entire campus.
4. Internet service is available in the institute for faculty members and students.
5. Faculty members are provided with data cards whenever required.

At present college has sufficient number of computers as per AICTE norms. We have total 364 computers in the campus. College plans for following IT development an up gradation:-

Total number of computers in campus = 450

Operating system are Windows 10, Windows 15, Windows 7, Window Server, MacOS.

Year

Internet Band width/Speed in Mbps

2023-24

400

2022-23

400

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Number of Computers**450**

File Description	Documents
Upload any additional information	No File Uploaded
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution**A. ? 50MBPS**

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure**4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)****4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)****62,696,818**

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

Department level Policy: Each department Head along with the faculty members meet to prepare their requirements for every year's budget which include the maintenance and up keeping the infrastructure, submit it to the management and principal.

Management and Principal analyze various departments budget submitted by the HOD's and allocate as per their requirements.

Infrastructure/Class room maintenance: The college has a maintenance team for upkeep of physical Infrastructure. At the departmental level, HODs submit their requirements to the Principal regarding classroom furniture and other. **Laboratory maintenance:** Stock registers and Record of maintenance of stocks are regularized by lab technicians and supervised by HODs of the concerned departments regularly. Other measures to maintain laboratories are as follows: The calibration, repairing and maintenance of sophisticated lab equipment are done by the technicians of related owner enterprises. The proper account of visitors (students and staff) on daily basis is maintained. With the help of the two full time sweepers cleanliness of class rooms is maintained. They are well equipped with tools for cleaning.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

1626

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	No File Uploaded
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year

200

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to institutional website	Nil
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**0****5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year****0**

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	No File Uploaded

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

5.2 - Student Progression**5.2.1 - Number of placement of outgoing students during the year****5.2.1.1 - Number of outgoing students placed during the year**

156

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

5.2.2 - Number of students progressing to higher education during the year**5.2.2.1 - Number of outgoing student progression to higher education****24**

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	No File Uploaded

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)**5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year****0**

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File

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 year****5.3.1.1 - 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 year.**

115

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

active Student Committees:

Student Committee: It ensures participation of all the other Committees in annual college festival "TECHYARD" which provides an avenue for creativity, team building, leadership and camaraderie amongst the student community

Cultural Committee: "ADHIGAMYA" which provides an avenue for dance, singing, fashion show, modern art is carried out throughout the academic year.

Technical Committee: Technical activities such as technical paper presentation, technical quiz, hands on workshops, technical talks by eminent personalities are organized. The Committee organizes "TECHYARD", a technical extravaganza every year.

Sports Committee: Well-equipped Gymnasium and open grounds for students are available to engage in numerous sport activities like cricket, football, throw ball, Kabaddi, table-tennis.

Class Representatives: There are 7 clubs such as CESA, MESA, EESA, ETSA etc with a faculty convenor and students.

Representation on the administrative committees: Student feedback on amenities: Department of Facility Management is in place to address the problems pertaining to classroom, infrastructure, library, food, water and hygiene.

NSS:**Alumni Association:**

One student and one Parent are nominated as Member of Anti-Ragging committee. This facilitates to promotion of ambience conducive for WCEM to be a ragging-free campus. Apart from the above the student representatives are included in IQAC, Canteen, Hostel Committee & PCommittee.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

114

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

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

The WCEM, Nagpur Alumni Association aims to link the alumni to the institution, develop synergistic plans to support the institution and achieve its vision, and to enable the institute to add value to all its stakeholders. The Institute established alumni cell in 2021 to maintain a good linkage between institute and alumni. The

alumni association was registered in 2021 with register no. Nagpur/0000174/2021 dated 24-06-2021. The main objective is enroll all alumni as members of the association and facilitating active participation of the alumni in appropriate activities, events, and initiatives of the Institute. The alumni association helps in building a network of the alumni and helps in being in touch with the corporate world. Every year Alumni meet will be hosted by Alumni association and supported by the Management, where the alumni from different branches are invited to share their views and suggestions on the scope of their course and also to create awareness about the professional world. This paves an opportunity for the alumni to meet other alumni and cherish their past experiences and moments. The Alumni Association provides an avenue for sharing their intellectual, career and professional experience not only with teachers but also with the present students.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

5.4.2 - Alumni contribution during the year (INR in Lakhs)

E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Nature of Governance - The institution has making committees such as Governing body, IQAC, Grievance Committees The institution is recognized by AICTE, approved by Government of Maharashtra and affiliated to RTMNU. The Governance of the institution is strictly in accordance with the Vision and Mission. The academic calendar includes the list of preplanned programs of various departments and examination schedules prepared with the knowledge of HOD's.

Leadership Driven by Vision and Mission - Starting in the year 2008 the institute from an intake of 240 from four programs of UG

in Engineering became tenfold offering programs in UG Engineering, PG Engineering, PG Management. Strategic and deliberate decisions include appointing Quality faculty., encouraging quality publications in SCOPUS/WoS

Transparency- Faculty members participate, through corresponding Functional Committees, in finalizing curriculum design, teaching methodology, examination reforms, maintenance of academic standards, and student welfare.

A perspective plan derived from the stated vision and mission of the Institute is to achieve Autonomous status by 2023 through achieving the goals and objectives specified in the Strategic Plan. It focuses on getting all eligible UG programs accredited by NBA, NAAC Accreditation with A grade, participating in the NIRF rankings, maintaining 75% and above placements and PhD Research Centers.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

Top Management:-

- Budget utilization and purchase
- Infrastructure
- Recruitment
- Provide support to economical backward students

Principal:-

- Quality policy- planning, implementation and monitoring
- Weekly meeting with HOD
- Departmental meeting with faculties once in semester
- Administration of teaching and learning
- Monitor academic performance
- Non teaching member meeting
- Recruitment
- Maintenance

Program Coordinators:-

- Departmental meeting for execution of course work
- Social activities
- Mentor to student
- MOU's
- Maintenance
- Result analysis and corrective actions

Decentralized:-

1. Top management has given necessary authority to Principal to manage different functions with operational autonomy.
2. Principal forms different committees as per requirement.

Participative:-

1. Students, faculty and administration join hand in hand.
2. Internal and external stakeholders are involved for any modification in teaching learning and administrative process.

Major committees are listed below. The each committee consists of senior and experienced faculty acting as a co-ordinator of committee and rest of members are involved from each department to ensure uniformity in functioning.

1. Disciplinary Committee
2. Anti Ragging Committee
3. Committee For SC/ST
4. Hostel Committee
5. Campus Maintenance Committee
6. Library Advisory Committee
7. Training And Placement
8. Industry Institute Interaction Committee
9. Women Empowerment Cell
10. Grievance Redresses Committee
11. Prevention of Sexual Harassment
12. Academic Affairs Committee
13. NSS Committee
14. Sports Committee
15. Entrepreneurship Development Cell
16. Alumni Committee

- 17. Examination Committee
- 18. Cultural Committee
- 19. Internal Complaint Cell

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Training and Placements

- To offer variety of training modules to suit higher education or strategic career.
- To continuously provide mentoring with experts from industry to appraise of the industry demands relevant skill set.

The core departments shall offer training in technical domains.

- Technical domain training to the student for placements is provided.
- In-house summer training was started from 2017-18 onwards.
- Student internships through AICTE Internshala and Placement department.
- Online assessment by Rubicon through placements department.
- Organized special awareness and training for entrepreneurs.

Taking into account this the Strategic arrangement of the institute incorporates

- Comprehensive improvement of students
- Motivation and inspiration of students
- Scattering of information loaded with quality
- Employability of students

The institute intends to expand Industry - Institute relationship. The institute plans to spur the students to have hands on experience of working of the enterprises. The institute knows that

everyone subsequent to finishing the last assessment can't be utilized. Considering this institute plans to spur the students to become business visionaries. The institute realizes that for this the students should be guided by effective business visionaries. The institute, thusly, plans to show the students past schedule.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	Nil
Upload any additional information	View File

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

According to the organogram guidelines, the president of the institution is the highest authority. Dr. Brahmanand Karanjekar, (M.Sc., Ph.D., B.Ed., L.L.B) is a teacher by profession. He is member of Maharashtra State Secondary and Higher Secondary Education Board, Pune and Nagpur Divisional Board, Nagpur and also member of Senate, RTM Nagpur University, Nagpur. He directs, tracks, and plays a key role in academic decision-making, administration, and the institution's overall growth. Adviser plays equally an important role as that of the president. The decision taken and the developmental projects suggested by the chairman will be escalated and executed by the director through the principal and Administrative officer of the institution.

Director, Principal, Dean Academics are the kingpins who are playing the key roles mutually coordinating and integrates the roles and responsibilities and methodology of the Head of the departments, Teaching and non-teaching faculty, students, Exam cell, placement cell, Library, Research and development.

Administrative officer of the institution monitors day-to-day administration purchase and maintenance allocation of funds for functions.

College office affairs, admin office affairs, scholarship cell, transport cell, research cell, T&P cell, college redressal anti-ragging committee, women development cell, higher education cell, academic audit cell, admission cell, student welfare cell, NSS and alumni association.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	Nil
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	No File Uploaded

6.3 - Faculty Empowerment Strategies

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

1. College Bus facility:

All teaching and non teaching staff can utilize bus facility which is available from different routes. The bus routes cover almost entire Nagpur city and surrounding area.

1. Financial support is provided to teaching staff members for attending trainings/ workshops/seminars:
2. The salary advances for teaching and non teaching:

Based on the emergency requirement the staff can approach the management for advanced salary by writing an application. Further the application is processed by the management. The management understands and provides the advance salary of a month or two.

1. Institutional scholarship for Economical Backward Class
2. Financial support is provided to teaching staff members for Patents and Research Paper
3. Maternity Leave:

Female faculty can avail the facility of maternity leave. The role and responsibility of the faculty will be assigned to Adhoc faculty. After completion of the leave period

1. Facility for Higher education:

College provides Higher education facility for the interested teaching and non teaching staff. The polytechnic teaching staff can seek admission for M-tech in the same institute or from other colleges. The B.E faculties can seek admission for Ph.D and the management provides adequate time and encourage faculties for course work and research work.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

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

11

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

53

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

25

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

Performance appraisal system for teaching staff

The teacher, as a person and teacher as performer, is also one of the mandatory assessments for his/her performance is appraised through his/her implementation of

1. Innovative methodologies in classroom lectures, seminars, tutorials, course delivery.
2. Question paper setting and evaluation.
3. Updating of study materials etc.
4. Besides, student feedback and pass percentage of the course are also considered.
5. Research& publications/ academic progress
6. Punctuality & adaptability
7. Mentoring/ counseling of students
8. Administrative contributions

The performance of the faculty is evaluated based on

1. Professional contribution to academics,
2. Contribution to short term training courses
3. Performing invigilation duties
4. Contribution to College administrative bodies such as college academic council, R&D council, planning and development committee, NBA, NAAC, etc.
5. The institute undertakes a wide range of activities besides academics, for which faculty members are assigned additional duties and responsibilities, which are mostly voluntary.

Non-Teaching Staff

The various parameters for staff members are assessed under different categories i.e. Character and Habits, Departmental Abilities, Capacity to do hard work, Discipline, Reliability, Relations/Co-operation with superiors, subordinates, colleagues, students and public, Power of Drafting (where applicable), efficient organization of documents (in case of Ministerial Staff) and technical abilities (in case of workshop staff).

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The committee completely verifies the income and expenditure details and. External audit is conducted once in every year by an external agency.

- The process used to monitor effective and proficient use of financial resources is as below:

Before the commencement of every financial year the Head of the Institution submits a proposal on budget allocation.

The institute budget includes recurring expenses such as salary, electricity, internet charges, maintenance cost, stationery, other consumable charges etc.

- Process of the external audit:

The financial records of the institution are audited by external auditor regularly as per the government rules. All these proved that transparency maintained in financial matters and adherence to financial discipline to avoid defalcation of funds or properties of the institution.

• Process of the internal audit:

All the vouchers are audited by an internal financial committee. Accounts department takes care of the tuition fees, tax payment, salary distribution, purchase orders for the laboratory equipment, furniture, and payment of maintenance bills. There are no doubt since the institution follow a good system of internal controls like call of quotations, comparison of rates, confirmation of price, preparation of purchase order etc. The audited statement is

duly signed by the management and the audit

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)**6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)****nil**

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	No File Uploaded

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources**The different sources for mobilizing the funds is as follows**

- 1. Tuition fees from students**
- 2. Govt.Scholarship**
- 3. From Trust**

The major source of revenue for the institute is the annual tuition fee collected from students. The fee is collected from students as per the guidelines issued by the fee Regulatory Authority of state government of Maharashtra. Mobilization of funds is also done through sponsored projects from govt and non govt. Agencies..

the commencement of the financial year, budget proposal is collected from all departments. The same is placed before the finance committee and the committee in turn will deliberate and makes necessary changes for a proper balance of receipts and expenditure.

Almost, 95% of the total budget was spent during the last three years. More budgets have been allocated to the infrastructure built-up and laboratory equipment's. Also moderate budgets have been allocated in case of consumables; the same has been utilized for research and development activities. Separate budget has been allocated for library, research and development. Additional funds will be allocated in case of emergency requirement. printing & stationary, sanitation- housekeeping-gardening and security charges, and other miscellaneous expenses.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

The quality check involves:

- 1. Monitoring of classes and reporting the discrepancies (if any) to the higher authorities on a daily basis.**
- 2. Weekly verification of master attendance registers and teacher's diary.**
- 3. Monitoring attendance of students and verification of attendance every two weeks.**
- 4. Verification of proctor records and counseling details after every internal examination - To check whether the marks & attendance have been updated in the proctor card.**
- 5. Verification of lab attendance register-To check whether the marks are being allotted according to the lab evaluation process of the institution.**
- 6. Verification of final attendance before submission to University. Students having less attendance are informed to the respective proctors and HOD.**

7. Verification of marks entry in the register after every internal examination.

8. Verification of Notice board displays periodically - To check whether the current circulars have been displayed or not. Old circulars have to be removed.

9. Verification of Department stock register of newly purchased equipment in the beginning of every semester.

10. Department library audit in the beginning of every semester.

11. Timetable and workload verification in the beginning of every semester

14. Central Library audit on a yearly basis.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The Internal Quality Assurance Cell (IQAC) is established in the institution to maintain and enhance quality of education. The prime task of IQAC is to develop a system for conscious, consistent and catalytic improvement in the performance of institution. The work of IQAC is the step towards the internalization and institutionalization of quality enhancement.

To ensure efficient functioning of IQAC, coordinator of the IQAC shall interact with various functionaries for effective implementation of IQAC and apprise chairperson of IQAC from time to time for the progress.

. The IQAC plays a vital role in maintaining and enhancing the quality of the institution and suggests quality enhancement measures to be adopted. The quality assurance processes, with regard to academics, administrative, are the integral part of the

institutional policy.

Quality Policy: We aspire for global recognition through systematic and meticulous transformation of our students into highly motivated graduates enriched with professional competence, managerial skills, built in dynamism and humanism.

Quality Objectives are as under: Develop quality consciousness among everyone in the institution including students. Promote, foster and sustain an environment to achieve academic excellence.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES**7.1 - Institutional Values and Social Responsibilities**

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

WCEM approximately has 60% of male staff and 40% female students

Safety and Security:

Physical

- 24*7 operational CCTV cameras at vital and critical locations.
- first aid Kits and fire extinguishers are available in common places

Environmental

The environmental aspect comprises of the physical aspect of security surveillance that helps to maintain safety and security in the premises.

- Display of Emergency contact number of the designated persone
- Separate and secured rest rooms are provided
- Movement of visitors in closely monitored.
- Transport facility is provided for women staff leaving the campus in late hours.

Organizational

- Boys are educated on the behavioral norms at the time of orientation.
- Women's Grievance Redressal Cell under Women's Form is constituted to redress and the Women grievance
- Women's Forum conducts different activities to fight against any kind of injustice resulting from gender bias:

Educational

- Self defense training classes are conducted for girl students
- Poster's advocating gender sensitivity are displayed is prominent places
- Awareness provided on the policy of sexual harassment, gender discrimination and the complain Process

The institute is secured by dedicated security guards on grounds, and Gate

Reserved seats are provided to female and differently abled staff /students in all institute transport.

File Description	Documents
Annual gender sensitization action plan	nil
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	nil

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Solid waste management:

The institute has dustbins for all floors, all the departments, common areas, canteen, mess and every other open area. The institute segregates recyclable and biodegradable waste. The other biodegradable dry solid waste such as dead leaves, papers etc. are not allowed to burn or dump in the ground, rather they are converted into compost by adopting composting process.

Liquid Waste Management:

Due to the increase of water usage, the volume of sewage increases and safe disposal of sewage has become a cause of concern. The

appropriate reuse of treated sewage is the obvious and eminent solution. Our Institution has sewage treatment plant (STP) to recycle the waste water

Hazardous Chemical waste management:

Liquid Chemical waste is drained through the sinks present in the laboratory which is connected to the Chemical Waste Storage Tank (1000 Lit Capacity). The waste is collected over a week and then sent to waste water treatment.

E-Waste Management:

Disposal of e-waste is an emerging global environmental and public health issue. E-waste from computer hardware, electronic equipments are weeded out by the institute periodically. The worn out batteries are disposed through scrap vendor. E-waste material is collected and auctioned to the concerned recycling agents.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	nil
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

1.Restricted entry of automobiles 2. Use of Bicycles/ Battery powered vehicles 3.Pedestrian Friendly pathways 4.Ban on use of Plastic 5.landscaping with trees and plants	
File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File
7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution	
7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	A. Any 4 or all of the above
File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	View File
7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

Name of the Programme: Gandhi Jayanti

Category of the programme: Communal/religious diversity and harmony

Wainganga College of Engineering and Management have celebrated "Gandhi Jayanti" on dated 02/10/2024 which marks the 155th birth anniversary of the Mahatma Gandhi.

Name of the Program: INDEPENDENCE DAY

Category of the programme: Communal/religious diversity and harmony

After a long struggle India got freedom from the British Rule, 15 August preceded by the National anthem and the National song, it's a day that every Indian takes pride in. and everyone saluting the National flag created diffraction. On August 15, 2024 Wainganga College of Engineering and Management, Nagpur faculty, staff, and students celebrated India's 78th Independence Day with the same pride.

Name of the Programme: ENVIRONMENTAL DAY

Category of the programme: Communal/religious diversity and harmony

On 5th June 2024, NSS unit organized tree plantation in the college premises on the behalf of Environmental Day. In this program a teacher and sixty NSS volunteers student actively

participated. The principal of our college planted the first tree. We planted different types of plant which were giving the positive thought and always give motivation. This program held to draw the attention toward to save the nature

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

the institution regularly conducts and observes various events such as Independence Day, Republic Day, Gandhi Jayanti, Engineers Day, Cultural events and many more in which students and employees participate and deliver motivational speeches, recite poems, perform on stage etc. few mandatory courses for undergraduate students such as Professional and Social Ethics, Disaster Management have been incorporated in the current academic regulations in order to sensitize students towards the course on the Indian Constitution, Essence of Indian Traditional Knowledge, Engineering and Social Ethics, etc.

Various sensitization programs are held regularly at the departmental as well as institutional level, in which students participate at various competitions such as essay writing, quiz competitions, drawing competitions, stage and street performances, treasure hunts etc. So that they can share their knowledge and ideas about values, rights, duties and responsibilities.

WCEM is certainly a leading cell that fosters the overall development of character, comradeship, discipline, leadership, secular outlook, spirit of adventure, sportsmanship and ideals of selfless service among the youth of the country.(NSS) was introduced at WCEM in 2015 as a part of the academic programs and since then NSS has been functioning as a regular feature in the realm of our Academics.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	No File Uploaded

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The College has always celebrated Republic Day and Independence Day with great fervour.

The college also celebrates Martyr's Day in the honor of all Indians who had lost their lives in the struggle of India's independence. Programme is organized by the college to remember our slain freedom fighters.

National Voters Day was celebrated in the college premises.

The college celebrates International Women's Day to commemorate the cultural, political and socioeconomic achievements of women.

International Yoga Day is celebrated to usher in peace, harmony, happiness and success among all students and faculty alike.

Human Rights Day is celebrated by organizing debates, oratorical competitions, cultural events and exhibitions dealing with human rights issues.

World Environment Day makes students aware of pressing environmental issues. The college has banned the use of plastic and is a green campus. Recycling of waste is done through the proper channel and students are encouraged to keep the campus clean.

WCEMhas organized Programme "Chhatrapati Shivaji Maharaj Jayanti" dated 19th February which marks the birth anniversary of the great Maratha.

The College celebrated Gandhi Jayanti on 2nd October All teachers, students & staff attended the event. The celebrations for Gandhi Jayanti started welcoming all the teachers and students

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	View File

7.2 - Best Practices

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

Best Practice: 1

1. Title of the Practice: Water Supply to Gumgaon Railway Station

2. Objective: To provide water facility to Gumgaon railway

station.

3. The Context: The people living nearby railway station were suffering from water problem and no water supply provision at railway station also. The Wainganga college management has identified the need of the passengers and thought to provide the water facility to the Railway station, So that it will be helpful to the people around.

4. The Practice: This Practice has been implemented since 1912-1913. The water is supplied through the tube well where the pipe line has been laid from the college to the railway station and all water needs are supplied from college with free of cost. Every day the water is supplied to the railway station storage tank.

Best Practice:2

1. Title of the Practice: Road Construction And Maintenance.

Objective: The approach road from railway crossing on Gumgaon phata to college was in very bad condition. The students, Passengers, crossing people, vehicles were not comfortable to travel across the route. So Wainganga College has taken the initiative to construct the TAR Road to reach the College comfortably.

File Description	Documents
Best practices in the Institutional web site	No File Uploaded
Any other relevant information	View File

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Academics Brilliance: The positive outcomes are achieved by designing the curriculum to meet the global needs and through

teaching-learning methods that blends with ethical values. It outlines the commitment to academic performance expected of all students.

Student welfare: To cultivate competence and efficiency along with character and integrity amongst the youth, for creation of a society that is at once progressive and advanced but also inclusive and just is the Vision of the College. The College caters to both the urban and the rural population in and around Nagpur District and hence we are focused on including the economically weaker segment students into the main stream.

Research Knowledge: The Institute's determination to be transformed into a centre for major research is therefore a commitment to offer high quality teaching through:

- Synergies between Research & Education Activities
- Research Based Learning & Teaching

The Course based projects, Social impact projects, certificate courses offered by the institute provides the knowledge regarding cutting edge technologies, enabling the students to carry out inter-disciplinary research..

Physical facilities: A well equipped and student friendly physical education department having vast sports ground and other facilities provides avenues for participation of the students in sporting activities.

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

WCEM, NAGPUR is Striving for excellence to inauguration the Incubation research centre lab approved by the Government of Maharashtra. and working on autonomy status