



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution	Institute of Science, Nagpur
• Name of the Head of the institution	Dr. Anjali M. Rahatgaonkar
• Designation	Professor
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	07122565581
• Alternate phone No.	9665054180
• Mobile No. (Principal)	7774080442
• Registered e-mail ID (Principal)	ioscnagpur@gmail.com
• Address	R.T. Road Civil lines Nagpur
• City/Town	Nagpur
• State/UT	Maharashtra
• Pin Code	440001
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	12/03/2021
• Type of Institution	Co-education
• Location	Urban

- Financial Status **UGC 2f and 12(B)**
- Name of the IQAC Co-ordinator/Director **Dr. Sujata S. Deo**
- Phone No. **07122565581**
- Mobile No: **9665054180**
- IQAC e-mail ID **iqaciosc@gmail.com**

3. Website address (Web link of the AQAR (Previous Academic Year))

https://iscnagpur.ac.in/pdf/AOAR_2020-21_Final.pdf

4. Was the Academic Calendar prepared for that year?

Yes

- if yes, whether it is uploaded in the Institutional website Web link:

https://iscnagpur.ac.in/pdf/Academic_Calendar_21-22.pdf

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 3	A	3.07	2019	14/06/2019	13/06/2024
Cycle 2	B	2.85	2013	05/01/2013	04/01/2018
Cycle 1	B++	81.05	2004	08/01/2004	07/01/2009

6. Date of Establishment of IQAC

01/07/2000

7. Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Institute of Science Nagpur	CPE	UGC	21/07/2010	1 crore

8. Provide details regarding the composition of the IQAC:

- Upload the latest notification regarding the composition of the IQAC by the HEI [View File](#)

9.No. of IQAC meetings held during the year 5

- Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? **Yes**
- If No, please upload the minutes of the meeting(s) and Action Taken Report **No File Uploaded**

10.Did IQAC receive funding from any 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)

After getting the Autonomy constitution of BoG, Academic Council and BoS of different departments was successfully done.

Proposal for getting recognition of Institute as CHLR center from RTM Nagpur University, Nagpur was submitted and later on after the visit of members of University committee it was recognized as the CHLR center for next five years

Online data for NIRF ranking in the category of Colleges was filled and Institute was recognized in between 100- 150 colleges all over India.

AQAR for the year 2020-21 was prepared and was submitted online to NAAC Bangalore. Academic calendar was prepared for the session and followed accordingly

Online Induction meeting for newly inducted semester I Students of UG and PG as per guidelines. Rectification of Syllabus of UG and PG as per the guidelines of UGC and Govt. of Maharashtra.

Conferences/Seminars/Workshops were organized by different departments.

12.Plan of action chalked out by IQAC at 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
To prepare AQAR for the year 2020-21.	AQAR for the year 2020-21 was prepared and was submitted online to NAAC Bangalore.
As Academic Autonomy was granted to the Institute in March 2021, constitution of BoG, BoS, and Academic Council will be under consideration.	Constitution of BoG by the Government of Maharashtra, Academic Council by the Director and BoS of different departments by the respective heads was done.
Rectification of Syllabus of UG and PG as per the guidelines of UGC and Govt. of Maharashtra.	Syllabus of UG and PG was rectified by the BoS as per the guidelines of UGC and Govt. of Maharashtra.
Getting recognition of Institute as CHLR center from RTM Nagpur University, Nagpur as the period of validity for five years of recognition is about to expire on 8th March, 2022.	Proposal for getting recognition of Institute as CHLR center from RTM Nagpur University, Nagpur was submitted and later on after the visit of members of University committee it was recognized as the CHLR center for next five years.
To fill the online data for NIRF ranking in the category of Colleges.	Online data for NIRF ranking in the category of Colleges was filled and Institute was recognized in between 100- 150 colleges all over India.
To prepare academic calendar and to follow it.	Academic calendar was prepared for the session and followed accordingly.
To form various committees in order to enhance the overall development.	Various committees were formed and work was done smoothly by all the in-charges and members.
To organize online/offline Induction meeting for newly inducted semester I Students of UG and PG as per guidelines.	Online Induction meeting for newly inducted semester I Students of UG and PG as per guidelines
To collect online feedback and analyze it by Statistics department.	Online feedback was collected and analyzed by Statistics department.

Extension of outreach programs through NSS, NCC, Swatch Bharat, AIDS awareness.	Numerous programs were taken under this head.
The CCPC will be asked to work on conduction of programs for personality development and more placements.	The CCPC has conducted programs for personality development and more placements.
Heads are to be instructed to organize different online / offline programs under departmental societies.	Departmental societies have taken few programs online and offline.
Preparation and publication of annual magazine "Replica"	"Replica" was published.
To organize online/offline Conferences/Seminars/Workshops on different topics.	Conferences/Seminars/Workshops were organized by Zoology (1), Environmental Science (3) and Physical Education (5) departments.

13. Was the AQAR placed before the statutory body? **No**

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Nil	Nil

14. Was the institutional data submitted to AISHE ? **Yes**

- Year

Part A

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department.	department.
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13. Was the AQAR placed before the statutory body?	No
<ul style="list-style-type: none"> Name of the statutory body 	
Name of the statutory body	Date of meeting(s)
Nil	Nil
14. Was the institutional data submitted to AISHE ?	Yes
<ul style="list-style-type: none"> Year 	
Year	Date of Submission
2021-22	17/12/2022
15. Multidisciplinary / interdisciplinary	

Institute of Science, Nagpur is affiliated to RTM Nagpur University Nagpur and has adopted the CBCS pattern since 2018-19 for the PG program. This Institute has got the Autonomous status from UGC and affiliated University in March, 2021 and is likely to implement NEP 2020 as per the regulations and guidelines of Government of Maharashtra and RTM Nagpur University from 2022-23 and follow the same. At present research laboratories in the institution are integrated so that interdisciplinary research and publication can be carried out. 'Environmental studies' is the compulsory subject for all the courses in B.Sc. second year as per the University curriculum.

The institution has following plans for Interdisciplinary or Multidisciplinary approach.

- MOUs with GCOE Nagpur, College of Fine Arts, Nagpur, IFSc, Nagpur and VNGIASS for cluster of colleges: Government colleges are being planned for the formation of Cluster so that interdisciplinary approach is ensured in all programmes including humanities, social sciences and technical subjects besides science.
- Offering Science Courses for other discipline students: Facilitating students to acquire credits from other disciplines. Induction and counseling of students about the concept of cluster. Existing induction program shall spread the awareness about the concept of cluster. The courses are to be developed and shall be offered to students from partnering institutes.
- Sharing of Human resources and expertise: Directions to engage resources under Cluster of Colleges shall be formulated. Employability can be enhanced by compelling the students to apply and seek internship in industry of choice and availability. Hands-on training and certification to be provided for skill development.
- Design and development of multidisciplinary courses: To avail the holistic multidisciplinary education identification of multi-disciplinary high demand fields is a must. The courses of high demand shall be developed by teachers having expertise in respective fields. The interactions with industry and alumni shall lead to identify the high-demand fields
- The curriculum is to be planned accordingly, teaching learning and research activities are to be amended, experiential learning and internship are to be made as the obligatory components.

- **Teacher Assisted Courses by Open-Sources (TACOS):** If the high-demand courses are available on open-source virtual platforms, then the teacher with respective expertise shall facilitate the students to undertake these courses. Training and incentives can be given to the teachers for content creation, digital repository for online education and dissemination.

16.Academic bank of credits (ABC):

Institute of Science, Nagpur an Autonomous institute of the Government of Maharashtra since 2021 is affiliated to RTM Nagpur University Nagpur and as per the National Education Policy 2020, the novel approach of Academic Bank of Credit (ABC) has been open for the students as well as the teachers and going to implemented from 2022-23 to facilitate the academic mobility of students. Our institute will also adopt the policy guidelines for the appropriate credit transfer as it is already following the pattern of CBCS adopted by the University. Institute will facilitate the students to undertake credits from partners of cluster of colleges. Credit as well as audit transfer using ABC will be implemented. The institute has to appoint a faculty member as Nodal officer for the execution of guidelines given for its implementation.

17.Skill development:

1. One of the best ways to strengthen communities is by transforming students into skilled individuals and good citizens with high moral values. Therefore, institute regularly conducts social outreach activities which shall be improvised in the following aspects:
 - Supporting students of disadvantaged backgrounds by organizing student outreach programs.
 - Facilitating fundamental social services such as education, and vocational training.
 - Facilitating NGO's and Government social programs.
1. To ensures the need based skill development of the students the students are encouraged ...
 - To develop their M.Sc. Semester IV project based on the

requirements related to industry, society, environment and technology advancements.

- The Certificate courses like 'R-Programming' in the department of Statistics and an Add-on STP for UG and PG students based on 'Taxonomy' in the department of Botany is going on.
 - To pursue their internship during the vacations in the nearby industries/organizations specific to their discipline for improvements in the practical oriented skills and acquire necessary problem-solving skills.
 - Beyond the regular curriculum different departments / committees conduct varied programs based on skill set goals for their future as the Co- curricular activities often improves our social and organizations skills.
1. Institute of Science is also interested in developing new skill development programmes for the upcoming years to improve on following aspects regarding the collaborations with its peers and other institutions.
- Soft Skill enhancement program Business English and IT skills.
 - Regular training & placement to be imparted in communication skill and aptitude to the students to make them employable.
 - There should be practical based study in each subject so that we can acquire real-life skills of our syllabus.
 - A class mentor to be assigned and the performance report of the student should be given at the end of the session or completion of the course.

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

Institute of Science follows the curriculum designed by the affiliating University. Hence it must have to wait till the University introduces the Science courses in Indian language. But still the institute takes care of the appropriate integration of the Indian language by giving flexibility to the students through the following practices...

- For running the programmes of UG and PG we use Hindi as the national language and Marathi as a regional language as a medium of instruction besides English being an international language.
- Institute's magazine 'Replica' is published every year by

the editorial committee including staff and students that has content contributed by both of them and written in all the three languages i.e. English Hindi and Marathi.

- LACF committee of the institute encourages students to conduct and participate in literary and cultural programmes that are organized in Indian languages like Hindi and Marathi at institution and university levels to inculcate Indian culture and values.
- Student use Indian language during various internal communications which is easily understood by the group of people. In cultural events such as annual social gathering students are encouraged to use regional languages in skit.
- Local language news papers and a vast collection of Indian languages books are available in the library which disseminates the rich knowledge and cultural tradition of India.
- Various competitions are organized in this institute to preserve and spread Indian culture and tradition such as traditional day celebrations, Rangoli, Dance, Mehendi, Singing, Quiz, Elocution, Essay writing etc. in both the languages like Marathi and Hindi.
- Celebration of various important festivals, birth and death anniversaries of the freedom fighters and Indian leaders and Marathi Bhasha Diwas etc.
- Internal notices and circulars regarding various academic related displays are disseminated with the use of regional language. Even the affiliating University circulars are disseminated in Marathi and English language for easy understanding among the students.
- Field trips are organized for the students by different departments to impart Indian knowledge among the students.
- Physical Education department of the Institute organizes online and offline yoga workshops / seminars.

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

Institute of Science, Nagpur is affiliated to RTM Nagpur University Nagpur and has adopted the CBCS pattern since 2018-19 for the PG program. After getting the Autonomous status from UGC and affiliated University in March, 2021 our Institute has reconstructed the syllabi of UG and PG programmes in the form of objectives of the courses and programmes to be an outcome-based curriculum, which included the program outcomes (PO's) and course outcome (CO's) where course outcomes should be appropriately mapped to program outcome and in turn, to cater the vision and mission of the institute. These outcomes are uploaded on the

institutional website and are communicated to the learners during student induction program. These outcomes are evaluated through continuous evaluation, internal and external examinations, seminars, projects. Organization and participation of the students in different co-curricular and extracurricular activities and use of the results for evaluating the indirect attainment is done at the institute level. The programme outcomes to a great extent are reflected in the students' progression towards higher studies and placements. Now this Institute being an autonomous institution will strive for the student centric examination reform towards outcome-based education. Implement internal and external accountability of the resources used and the outcomes. Interactive and outcome-based teaching-learning process which shall reflect in the active evaluation of students' learning outcomes.

20.Distance education/online education:

Distance education focuses on pedagogy, technology, and learning systems that aim to provide education to students who are not physically present at site. With the objective of bringing students who are far away from the education, students who are employed, women who are housewives or students who are employed in the defence services who are not able to pursue traditional education; distance education allows such students to find suitable time to study without interfering with their already busy schedule. Learning materials and instruction can actually be obtained online at any time. Realizing the need of the time, Institute of Science, Nagpur is the study center for Indira Gandhi National Open University (IGNOU) since 2010-11 for graduate, post graduate, post graduate diploma and certificate courses only in Science stream.

The Study Centre being located within the premises of the Institute in the heart of the city it's easy for the students to approach and its performance has always been commendable. Some students have even The Study centre has been activated and enrolls students for two graduate program - BSCG, (PCM, CBZ, Geography, Geology), BSCBCH-Biochemistry (Hon.), a post graduate program - M.Sc. (Environmental Science), two post graduate diploma courses PGDAC - Post Graduate Diploma in Analytical Chemistry and PGDAST-Post Graduate Diploma in Applied Statistics and a certificate course CPLT-Certificate Program in Laboratory Techniques with a strength of more than 500 students of and out of Nagpur city to meet the needs of the society.

The introduction of blended mode of learning since the corona pandemic has significantly contributed to a more extensive change of the educational process and it is still assessed as an on-going process in the Institute. This blended mode of education changed perception of how students accept the execution of the teaching process. To facilitate students, various technological tools such as G-Suit, Google Classroom, Google Meet, Zoom etc. were used by the faculties for online lectures especially during the pandemic lockdown for conduction of online classes, examinations, seminars/workshops etc. Faculty provides e-resources to students in Google classrooms through recorded videos and lectures, PPTs, e-books, e-journals, online notes as the teaching and learning aids. Library resources are also available on Institutions' website.

Extended Profile

1.Programme

1.1 3

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 1005

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 446

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3

358

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1

21

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2

51

Number of full-time teachers during the year:

Extended Profile

1. Programme

1.1	3
Number of programmes offered during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2. Student

2.1	1005
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	View File

2.2	446
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3	358
Number of students who appeared for the examinations conducted by the institution during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3. Academic

3.1	21
Number of courses in all programmes during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	51
Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3	84
Number of sanctioned posts for the year:	

4. Institution

4.1	815
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	

4.2	55
Total number of Classrooms and Seminar halls	

4.3	403
Total number of computers on campus for academic purposes	

4.4	209.42937
Total expenditure, excluding salary, during the year (INR in Lakhs):	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

Institute of Science affiliated to the RTM Nagpur University was granted Autonomy by the University Grants Commission in March 2021 for a period of 10 years from the academic year 2020-21.

Academic Autonomy places trust in the Faculty of Institute of Science to take up the responsibility of designing its own courses, framing its own syllabi and conducting its own

evaluation for its students. Institute of Science stays committed for academic excellence, holistic development by infusing dynamism in curriculum, pedagogy, and research. Now, Institute has the flexibility to enrich its curriculum based on changing national and global requirements. To meet global and national industry demands and offer students newer learning avenues, Certificate courses such as Certificate course in Statistical package R (Introduced by Statistics Department) and Basics in Plant Taxonomy (Botany Department) were introduced.

The program Outcomes, Program Specific Outcomes and Course Outcomes are clearly defined for all programs and courses and displayed on the website. In the academic year 2021-22, due to the pandemic, we transitioned to an online teaching-learning pedagogy by training the staff to engage students in this new learning pedagogy. The Institution has registered for with the G-suite. All the students & faculty members were provided with the institutional email ids.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://iscnagpur.ac.in/pages/syllabus.php

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

Nil

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

02

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

Nil

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

07

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

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

Climate change is real and its impacts are being felt. It is

time we educate our youth about this topic. We need a climate-literate world. Therefore considering the importance and the crisis of climate change , the special course on Environmental Studies dealing with awareness and sustainability is made compulsory for all undergraduate students in the second year.

The basic concept of environmental education has changed completely during past decades. Hence, the syllabus needs to be in line with change. The institute is planning to bring these changes in the syllabus in near future.

The Institute also has a separate Environmental science department which conducts various programs related to environment related issues through the Environmental Science society

The Institute has NSS unit which addresses Gender issues by providing the skill-set necessary for lifelong learning and provide the opportunities for the students to explore subjects or areas of interest. It teaches equality in gender and also about action against bias.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

01

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

190

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

149

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://iscnagpur.ac.in/igacupload/Report%20of%20Teachers%E2%80%99,%20Alumni%20and%20students%E2%80%99%20Feedback%20on%20Curriculum.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://iscnagpur.ac.in/igacupload/Report%20of%20Teachers%E2%80%99,%20Alumni%20and%20students%E2%80%99%20Feedback%20on%20Curriculum.pdf
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

1005

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

782

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

There are several mechanisms and policies that can be used to identify fast and slow learners as mentioned below

Pre-assessments: Conducting pre-assessments before starting a course or unit can help identify students who already have a good understanding of the material (fast learners) and those who may struggle with the content (slow learners). This can help teachers tailor their instruction to meet the needs of each group.

Formative assessments: Regular formative assessments throughout a course can help identify which students are progressing quickly and which ones may need additional support. **Data analysis:** Analyzing student data, such as grades and test scores, can provide insights into which students are performing well and which ones may need extra help.

Observation: Teachers can observe students during class to identify those who are actively engaged and making progress and those who may be struggling to keep up.

Self-assessment: Encouraging students to reflect on their own learning can help identify which ones are progressing quickly and which ones may need additional support. Remedial programs offered additional support and resources to help slow learners catch up with their peers. They may include small group instruction, tutoring, or additional practice exercises to help students master the content.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
30/04/2022	1005	51

File Description	Documents
Upload any additional information	View File

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:

Below is the methodology for executing student-centric activities for each method.

Experiential Learning:

- Begin by introducing the topic and its relevance to real-world situations.
- Plan and execute hands-on activities, such as experiments, simulations, or field trips, that allow students to apply their knowledge and skills in a real-world context.
- Encourage students to reflect on what they have learned from the activity and how it relates to the topic at hand.

Participative Learning:

- Start by introducing the topic and its relevance to the student's lives.
- Plan and execute group activities, such as brainstorming sessions, group discussions, or peer-to-peer teaching, that allow students to take an active role in their own learning.
- Provide opportunities for students to collaborate with their peers and share their knowledge and ideas.

Problem-Solving Methodologies:

- Introduce the problem and its relevance to real-world situations.
- Guide students through the process of identifying the problem, analyzing the data, and developing solutions using critical thinking and problem-solving skills.

- Encourage students to collaborate with their peers to develop creative and effective solutions.

Overall, the key to executing student-centric activities is to create a learning environment that is engaging, interactive, and relevant to the student's lives.

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

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Teachers often use ICT-enabled tools and online resources to enhance the teaching and learning experience. The use of technology in education has become increasingly important in recent years, as it offers a range of benefits for both teachers and students.

ICT-enabled tools such as interactive whiteboards, tablets, and computers allow teachers to present information in engaging and interactive ways, making learning more interesting and enjoyable for students. Online resources such as educational websites, videos, and e-books provide students with access to a vast array of information, allowing them to learn at their own pace and in their own time.

Furthermore, ICT-enabled tools and online resources can help teachers personalize learning for their students, as they can tailor their teaching to meet the individual needs and learning styles of each student. This can lead to improved academic outcomes, as students are more likely to engage with and retain information that is presented in a way that is relevant and meaningful to them.

Overall, the use of ICT-enabled tools and online resources is a valuable tool for teachers to enhance their teaching practice and improve the learning experience for their students.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://iscnagpur.ac.in/igacupload/4.3.1.(AUTO).pdf
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

51

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Preparation and adherence to an academic calendar and teaching plans are critical for the success of an educational institution. An academic calendar serves as a guide to students, faculty, and staff for the duration of the academic year, while teaching plans provide a roadmap for individual courses.

An academic calendar is an essential tool for any institution, as it sets out the dates for important events such as registration, the start and end of semesters, holidays, and exams. This information is crucial for students, faculty, and staff to plan their schedules accordingly and to ensure that all necessary academic activities are completed within the allotted time.

Teaching plans are prepared for each course offered by the institution. These plans outline the objectives, content, and assessment methods for the course. By providing a clear structure for the course, the plan ensures that students receive a consistent and thorough education.

Adherence to the academic calendar and teaching plans ensures that students receive the education they need to succeed. It also allows for better planning by faculty and staff, which can lead to more efficient use of resources and a more positive learning experience for students.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

51

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

41

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

442

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

55

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

IT integration and reforms in examination procedures and processes, including Continuous Internal Assessment (CIA), have been instrumental in bringing about significant improvements in the Examination Management System (EMS) of the institute. By leveraging technology and automating various aspects of the examination process, institutions can streamline workflows, reduce errors, improve accuracy, and increase transparency. Institute's examination cell has been doing most of the work in

online/electronic mode starting with contacting the setters, setting the papers, moderation (online/offline mode) and result publication.

Continuous Internal Assessment (CIA) is a critical component of modern assessment processes and provides a more holistic picture of a student's progress. By using IT tools such as google classroom, online quizzes to facilitate CIA, institutions can generate automated reports, track student performance over time, and identify areas where students may need additional support. This information can be used to provide personalized learning experiences that help students achieve better academic outcomes.

By leveraging technology, institutions have transformed their examination systems and provide students with a better learning experience, while also improving the efficiency and accuracy of the examination process.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://iscnagpur.ac.in/pages/examination_cell.php

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website at https://iscnagpur.ac.in/pages/courses_outcome_materials.php and it is also well communicated to teachers and students

Programme Outcomes are broad statements that describe the knowledge, skills, and attitudes that students should acquire by the end of a programme. Course Outcomes, on the other hand, are specific statements that describe the learning objectives of individual courses within a programme.

Stating and displaying POs and COs helps to ensure that all stakeholders (students, faculty, administrators, etc.) have a clear understanding of the intended learning outcomes of a programme and its courses. This can aid in curriculum design,

teaching, and assessment.

In addition, communicating POs and COs to teachers and students can help to ensure that everyone is on the same page regarding learning objectives and can help to promote student engagement and success. It can also aid in assessment and evaluation, as the outcomes can serve as a basis for evaluating student learning and program effectiveness.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://iscnagpur.ac.in/pages/courses_outcome_materials.php

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Course outcome and policy of attainment & Dissemination

Policy of Attainment:

The policy of attainment refers to the guidelines and procedures that are used to ensure that students have achieved the intended course outcomes.

The following are some of the key elements of the policy of attainment as implemented in the Institute. They are 1) Assessment criteria 2) Assessment methods 3) Feedback 4) Appeals 5) Policy of Dissemination

The policy of dissemination refers to the guidelines and procedures for sharing the course outcomes and the students' achievement of these outcomes with relevant stakeholders.

The following are some of the key elements of the policy of dissemination: Channels of dissemination, Privacy and confidentiality, Reporting, Stakeholder engagement, Relevant stakeholders.

The policies of attainment and dissemination are critical in

ensuring that students achieve the intended course outcomes and that the outcomes are shared appropriately with relevant stakeholders. These policies we deploy in our institute are transparent, consistent, and communicated to the students at the beginning of the course. Effective policies of attainment and dissemination help us to improve the quality of teaching and learning, and enhance the relevance and impact of the course outcomes.

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

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

449

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://iscnagpur.ac.in/pages/result.php

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://iscnagpur.ac.in/pages/aqar.php>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined

policy for promotion of research which is uploaded on the institutional website and implemented

The institute has six recognized Research Centers in the departments and provides sufficient infrastructural facilities and a conducive environment to promote research activity in the campus. Due to inadequate resources, the institute doesn't fund the research activities but the faculties are encouraged to apply for various funding agencies and pursue their research. As such this institute doesn't have a well defined policy for promotion of research but after getting the autonomous status to it the work is in progress.

Thirty one faculty members are recognized Ph.D. supervisors and advanced researchers. Research laboratories in the institution are integrated so that interdisciplinary research and publication can be done. Thirteen research scholars have been awarded Ph.D. Thirty six students has registered for Ph.D. Institute encourages the faculty members to pursue their Ph.D. work and help to create research culture among teachers and students. The Institute has Instrumentation Laboratories for each department along with the Tissue Culture Laboratory in the Botany Department. The institute invests a lot of economic resources for purchase of sophisticated instruments, such as Raman Spectrometer, FT-IR, UV-VIS Spectrophotometer, DTA, HPLC etc. The faculty and PG students are encouraged to take up research and developmental activities by utilizing the existing resources.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	Nil
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

00

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

00

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research**3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)**

00

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

01

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

31

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

01

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.serb.gov.in/index.php/home.php
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

An ecosystem conducive to innovations and transfer of knowledge for Research and Innovation for improvement and creativeness by faculty members and research students has been created by our highly qualified and academically active faculty members even after hundred years of its tenure in academics. Recently, in March, 2021 it has been granted autonomous status.

- One ongoing Major Research Project sanctioned by SERB with the cost of the Rs. 18.3 lakhs.
- Research collaboration and MoU's facilitates our students to undertake research internship.
- International research papers, few books/chapters are published, filed one patent.
- Faculties and students participate in conferences, seminars, workshops, various skill enhancement and professional development programs under govt. schemes.
- Workshops, seminars and guest lectures on entrepreneurship are organized for students.
- Computers, printers, scanners, photo-copiers etc. provided in all the departments.
- Entire campus is Wi-Fi enabled.
- Subscription to INFLIBNET.
- Smart classrooms equipped with digital podium and LCD projectors.
- The second year P.G. students are encouraged to identify research problems submit their reports in the form of dissertation.
- Recognized centre for distance education through IGNOU which enable the staff to provide guidance to the IGNOU learners.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://iscnagpur.ac.in/igacupload/Innovation%20Ecosystem%20Addn%20Information%202021-22.pdf

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

0

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

D. Any 1 of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

36

File Description	Documents
URL to the research page on HEI website	https://iscnagpur.ac.in/pages/aqar_criteria-III.php
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

38

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

05

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://iscnagpur.ac.in/igacupload/Books%20Published%202021-22.pdf

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed**3.4.5.1 - Total number of Citations in Scopus during the year**

7

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

5

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

0

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

To ensure the holistic personality development of the student's their interaction and exposure to various social issues of national importance is extremely essential. Institute has an active NSS cell through which different social activities include rallies and campaigns, plantation programmes, cleanliness drives, presentation by experts, blood donation camps, short term trainings aimed at employment skills, health camps, literacy programmes, yoga sessions, shramdaan etc. that focus on various nationally and locally significant issues like national integration, nature conservation, disaster management, gender sensitization, save girl child, health and hygiene, Swachha Bharat mission, promotion of self-employment, women empowerment, awareness and conservation regarding local natural, historical, cultural and environmental heritage are planned for every academic year. This kind of exposure and involvement not only trains students in organizational and management skills but also raises their awareness and understanding of various issues. Besides, it also provides an opportunity to interact and develop relationship with society and helps them to contribute and elevate the social awareness. The institute engages faculty and students in community work eventually teaching them ethical values which makes them aware of their social responsibilities and makes them good citizens in terms of Impact and sensitizing students to social issues and holistic development.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://iscnagpur.ac.in/igacupload/NSS%20Report%202021-22.pdf

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

02

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	View File

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

14

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

100

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

01

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

03

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	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 equipments, etc.

The campus infrastructure includes the main building, annex building, boy's hostel, girl's hostel, new library building, canteen, sports complex including ground and gymkhana, parking, garden etc. The main building is equipped with 55 class rooms laboratories, office and library with wifi / LAN / LCD facilities, The facilities of reading room, girls common room, close auditorium, open auditorium, conference room etc. Further, every department is equipped with their own computing resources along with small departmental library. The Institute has a Central Library is well equipped with journals & books with 23 Computers where students have access to learning material. Laboratories are equipped with recommended facilities. All

Departments have separate laboratories for undergraduate and post graduate classes. These departments have research laboratories. The Institute has well equipped seminar hall i.e. "Sabhagruha" (Room No. 45). Open air auditorium (theater) is present in the center of main building. Under ICT more than 300 computers have been provided to all departments. Every department is provided with LCD projectors, Laptops, desktops and overhead projectors, electronic whiteboards with digital podium, printers, and scanners for computer aided teaching. Internet is provided to all the departments and library computer center with 100 and 10 Mbps bandwidth.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://iscnagpur.ac.in/igacupload/4.1.1.pdf

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

Outdoor Sports facilities 1. Cricket, 2 Softball, 3 Baseball, 4 Football, 5 Volleyball court, 6 Basketball court, 7 Kho-Kho Ground, 8 Kabaddi Grounds, 9 Ball-badminton, 10 Korf Ball There is a closed auditorium and one open air auditorium where various kind of cultural activities are regularly held.

Institute has separate building of 9900 square feet area for physical education department. It has spacious ground for cricket, football and hockey. It has gymkhana, yoga center, table-tennis court and rooms for indoor games. Department has approximately 3 acres ground area which is used for the all outdoor games. The department organizes Coaching and training programs for the boys and girls. The department provides Coaching and training facility for Yoga, cricket, volleyball, football, badminton, chess, Tug of war, kabaddi, kho-kho, Sepaktakraw, basketball, table-tennis, archery, softball, baseball and fencing games. Our Students participate in national, state, district, inter-university, intercollegiate level competitions.

Indoor Sports Facilities: The Institute has a well-equipped gymnasium with all modern facilities for Boys and Girls, 1 Badminton Courts, 2 Table Tennis, 3 Gymnasium for Boys and

Girls, 4 Fencing ,5 Caroms, Chess, 6 Yoga and Meditation Room, 7 Changing room for Boys, 8 Changing room for Girls, 9 Floor Ball .

Outdoor Sports facilities 1. Cricket, 2 Softball,3 Baseball, 4 Football, 5 Volleyball court, 6 Basketball court ,7 Kho-Kho Ground, 8 Kabaddi Grounds, 9 Ball-badminton ,10 Korf Ball There is a closed auditorium and one open air auditorium where various kind of cultural activities are regularly held.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://iscnagpur.ac.in/igacupload/4.1.2.pdf

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

55

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

106.45469

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

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

SOUL Software of University Library software is in use for library automation. It is multi-user, multitasking integrated library management software working either on a single machine or in a client-server multi-platform environment. It helps us for the effective preparation of catalogue books, e-books, films, sound recordings, drawings, clippings, articles, reports, letters, pamphlets, serials publications etc. SOUL cataloguing adheres to popular international standards. It retrieves the information in a simple, fast and efficient manner. It supports flexible workflow to cover activities related to acquisition of books, serials control and funds monitoring. Cataloguing: -It is based on AACR2. It catalogues any type of material. Acquisition: -It supports the entire range of activities right from making a proposal to acquire an item, until it is finally paid for and accessioned. Circulation: -It is based on lending rules that we can define and change. Serials Control: - It allows for tracking receipts of issues, filing claims for issues not received, preparing binding orders. OPAC: On-line Public Access Catalogue offers powerful on-line search facilities to search through library catalogue. It saves valuable time, labour and money to access any reading resources. Reports: - It provides various types of reports required for various government agencies.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://iscnagpur.ac.in/igacupload/4.2.1.-.pdf

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu

A. Any 4 or more of the above

Shodhganga Membership e-books Databases Remote access to e-resources

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

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

21.99972

File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

2-4/day & 10-12/day

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The institute has a modern server room with Windows servers. LAN network is spread across the institute including Office, Laboratories, Library and other working areas. All the computing facility are equipped with high performance and latest edition of computers. The LAN network has a configuration Core switch to

edge switch. Two leased lines of 10 MBPS (192.168.0.6) and 100 MBPS (192.168.0.2) are used in a network. By using these two leased lines from BSNL, restricted internet and WI-FI facilities are provided to students and faculty members of institute across the CAMPUS. Some of the faculties use platforms like moodle, Google classroom through G Suit, Institute has computer labs in various departments for use of UG, PG and research students of Institute, also modern workstations were made available to these computers. All the classrooms are wi-fi enabled by dedicated access points. Further eight classrooms have been converted to smart classrooms with digital podium, interactive boards and other necessary peripherals. All the faculties use this effective methodology to enrich the learning process of students. Four digital notice boards were procured from grant of RUSA in 2019-20 for speedy circulation of information and notices.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://iscnagpur.ac.in/igacupload/4.3.1.(AUTO).pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
1005	403

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 750 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	E. None of the above
--	-----------------------------

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://iscnagpur.ac.in/igacupload/4.3.4.(AUTO).pdf
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

102.97468

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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

The Institute has a Local Advisory Committee that deliberates every year on the various infrastructural and academic needs of the Institute. Various monitoring committees such as purchase committee, building committee, UGC planning board committee, hostel monitoring committee, library committees for the proper maintenance of all facilities. • Overall maintenance of campus by cleanliness committee . • Regular cleaning of water tanks, proper disposal of garbage, pest control, landscaping and maintenance of lawns. • Maintenance of all facilities and cleanliness of environment in hostel. • Outsourcing is done for maintenance and repairing of CCTV, computers, internet facilities including leased lines, Wi-Fi and broadband, updating

of software's. • Maintenance of wooden furniture & Electrification, and plumbing of institute is done with the help of PWD. • The maintenance of the reading room and stock verification of library books is done regularly by library staff. • Sports and gymnasium is managed by the Sports Committee that advises the Physical Education Director in planning optimum utilization of sport facilities. Outsourcing is done for the maintenance of gymnasium. The grounds for various sports are maintained regularly.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://iscnagpur.ac.in/igacupload/4.4.2(AUTO).pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

526

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

32

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development **D. Any 1 of the above**

and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

File Description	Documents
Link to Institutional website	Nil
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

01

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

26

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

69

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

12

File Description	Documents
Upload supporting data for students/alumni	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 and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

19

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

Students of the institute had a place in the institute's functioning through the Students Representative Council (SRC) and Academic Forums through which the students play a key role in the inception, planning and implementation of different co-curricular, extra-curricular and sports activities. Institute provides full support to the students representation in various academic, sports and administrative bodies. Student task force (previously called as Students council) is enacted each year as per the Maharashtra Universities Act 1994 40(2) (b) (vii) up to 2014-15. The representatives are selected on the merit basis and a few are nominated by the director. After declaration of the members of the council, the students were allotted the academic and administrative committees. This council meets at least two times in a year to discuss on various issues and provide valuable suggestions to the administrator. Each year annual social gathering is organized. This mega event is totally controlled and administered by students with the support and guidance by staff members.

LACF, Literary Art and Cultural Forum which gives message of brotherhood is a prime and unique feature of Institute. Under LACF the students participates in various cultural, co-curricular activities and extracurricular events as well.

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

5.3.3 - Number of sports and cultural events / competitions organised by the institution

4

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

"AASCON" i.e. The Alumni Association of the Science College Of Nagpur, now Institute of Science, Nagpur Central Office The Central Office of the Association shall be situated at the Department of Physics. Indian Institute of Technology, Powai, Bombay-400 076. Objectives Firefox https://assessmentonline.naac.gov.in/public/index.php/hei/generateAqar_HTML/MTk1MDA=48 of 77 3/26/2022, 3:08 PM • To encourage, foster and promote close relation between Institute of Science and its Alumni and among the Alumni themselves. • To provide and disseminate information regarding the institutions, its graduates, facilities and students to Alumni. • To ensure that programs are initiated and developed for the benefit of the Alumni. • To guide and assist Alumni who have recently completed the courses of study to obtain employment to engage in productive pursuits useful to the society. • To establish and maintain a link with all the students and with the community at large. • To preserve and promote the interest of the Alma Mater through Alumni involvement in its future and governance. • To participate and assist in the promotion of Institutions as a major destination for higher education.

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

5.4.2 - Alumni's financial contribution during the year

D. 2 Lakhs - 5 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The mission of the Institute is implicit in its logo which includes PER ARDUA AD ASTRA

which literally means BY TOILSOME WAY TOWARDS THE STARS. It is with this slogan; our Institute is making its way towards achieving the goals. "The vision of the Institute is to inculcate scientific temper among students to address global challenges by

advancing the frontiers of science, by producing scientifically-trained leaders and

innovators and enhancing public understanding of science." Our mission is to bring

the benefits of science to society by providing access to a rich educational experience

that will motivate and enable all our students to seek the highest levels of

intellectual achievement in the Physical, Chemical, Mathematical and Biological sciences

and attain an all-round personal growth with high moral values.

Accordingly, our Institute offers UG and PG programs in science.

. The Institute is owned and managed by the State government; hence it runs as per the policies and norms laid down by the directives and policies of State Ministry of Higher and Technical education, the affiliating University, and UGC

. The outcome of effective governance is evident from the recognition received by our Institute from NIRF 61 from Ministry of Education, India.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://iscnagpur.ac.in/pages/vision.php

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Academic matters, infrastructure maintenance, utilization and campus development are looked

after by various committees in consultation with the Director of the Institute. The

administrative and academic heads of the Institution supervise all committees for them

effective functioning. The management system of the Institution is decentralized and

participatory in nature.

Being a state government owned Institute; the objective is to

impart quality scientific education to all segments of society. The responsibility of administration primarily lies with the Director. In case

of academic matters, the various departments work in tandem for achieving the overall goals

of the Institute. The registrar, office superintendent and other staff assist him as per

the roles earmarked for them. Financial resources are managed by the Director and finance

committee. Adequate representation of teaching and non-teaching staff, and in some cases,

of students and alumni is ensured for decentralization.

Our institute categorizes various activities as departmental, academic and

administrative and finance related. All activities are supervised by the heads and

supported by other stakeholders.

For academic excellence, being autonomous institute, board of Governance followed by academic council followed by Board of studies takes the decision about syllabus and other academic matters.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://iscnagpur.ac.in/pdf/InstCommittee.pdf

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

Our Institute strategically plans activities and executes them in a planned manner. The

activities are decentralized at four levels as departmental, administrative, academic and

financial. The academic strategic plans are made before commencement of academic session by

preparing academic calendar of that year. Administrative

committees that are formed at the beginning of the session are responsible for all student and staff related activities. The strategic planning done by finance committee for procuring goods and materials.

Strategic plan: - In 2021-2022 our Institute received funds from District planning commission. We prepared strategic plan as per the guidelines of DPC. The plan aimed at up gradation of institute with student centric mindset.

A Detailed Project Report (DPR) on thrust areas of overall development of students was prepared and this proposal was submitted to DPC. The project directorate of DPC sanctioned the proposal.

IMPLEMENTATION: 1. DPC accepted the proposal and sanctioned 100 Lakhs rupees for the following.

- 1 Procuring of Library Books
- 2 Procuring All in one Computers
- 3 Procuring Computer Server
- 4 Providing Audio & Video system for the Seminar Hall
- 5 Providing CCTV system to Library Building.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://iscnagpur.ac.in/iqacupload/6.2.1%20A%20UC%20of%20DPC.pdf
Upload any additional information	View File

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

Our Institute is a state government owned body, which comes within the ambit of state Ministry of technical and higher education. The Institute

runs on the

policies, rules, and regulations laid down by the State government. The Organizational

structure of the Institution, administrative setup, appointments, service rules and

functions of various bodies are as follows.

1. Main Governing body consists of: - Minister of Higher and Technical education, State

Minister, and Secretary.

Policy framing, Academic and financial management. Overall control.

2 Director of Higher Education (DHE) at State level

Overall supervision Execution of policies Administrative and financial control

3 Director of Institute

Overall, In charge of the Institution Execution of policies at ground level in charge of

Administration and finance of Institute Responsible for overall Academic progress and

development of Institute.

4 Joint Director (Regional)

5 Head of Departments, Teaching Staff, Registrar, Office Superintendent, nonteaching staff,

various Committees. Head of Department is responsible for smooth functioning of respective departments Teaching and non-teaching staff to perform designated functions and duties.

All teaching and non-teaching staff is appointed by Maharashtra government. As such service

rules as per provisions of MCSR are applicable to them.

File Description	Documents
Paste link to Organogram on the institution webpage	https://iscnagpur.ac.in/igacupload/6.2.2%20Organogram.pdf
Upload any additional information	View File
Paste link for additional Information	https://gr.maharashtra.gov.in/Site/Upload/Government%20Resolutions/Marathi/201903081456273308.pdf

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

C. Any two of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

Welfare measures provided by Employer i.e., State Government, as

1.Provident fund

facility

2.Medical expenses reimbursement facility

3.Group Insurance facility

4.Leave Travel Concession within Maharashtra

5.Various leave facility i.e., medical leave, casual leave,

earned leave etc.

6. Duty leave to faculty members for attending national and international conferences/seminars/workshops/ guest lecturers/referee.

7. Recreation and sports facilities for staff and faculty on the campus made available to them free of cost.

8. Special duty leave to staff for participation in sports events.

9. Pension scheme after retirement as per state government norms

10. Providing employment to dependent successor of deceased employee on compassionate ground

11. Various loan facilities e.g., housing loan, computer, vehicle loan etc. 12. Medical

reimbursement facility for family of employee.

2. There are certain self-generated welfare facilities by employees created on collective, cooperative basis which are as under

1. Registered employees' credit cooperative society is formed to offer short term and long

term loans/deposits, education loan, rice loan to employees on convenient and reasonable

terms. 2. Provision of emergency loan in case of an emergency related to the society member

and/or family member. 3. Every year employees get dividend on shares. 4. Society organizes Health checkup camps for all members and their families

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://iscnagpur.ac.in/igacupload/6.3.1%20Co-op%20society.pdf

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

0

File Description	Documents
Upload any additional information	View File
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 programmes organized by the Institution for its teaching and non-teaching staff during the year

0

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

5

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The audit is conducted by Accountant General (A.G.). The utilization of current year, approved budget along with the budget projected for the forthcoming year is submitted to Director higher education, Pune every four months.

So, it is in way like internal audit. A. G. audit is done

once in five years. The audit of funds received from various funding agencies, like DPC &

RUSA is done by A.G. The audit of funds received from UGC is done by C.A. The utilization

certificate for all the grants is submitted to the respective agencies. For any audit

objection, the mechanism for settlement is as under 1. Personnel from External Audit Party

(EAP) i.e., A.G. Office, Nagpur are deputed for carrying out audit work. 2. EAP (A. G.) inform their final objections/queries (If any) to the Director of our Institute in the form of an Audit

Report. 3. EAP specify the control issues i.e.; they comment on the points were the

controls are required to be established or tightened to avoid repeating the same mistakes

in future. 4. On audit objections response is immediately initiated by monitoring of internal controls to avoid repetition of the objection.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://iscnagpur.ac.in/igacupload/6.4.1%20Audit%20notes%2021-22.pdf

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	View File

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

We prepare strategic plans aimed at up gradation of our Institute on thrust areas of overall

development viz., infrastructure, modernization of laboratories, up gradation of classrooms

and augmentation and submit the same to various agencies like State Government, RUSA, DPC, DST and UGC. Faculties submit research proposals to UGC, DST and other agencies including RUSA. At the commencement of every academic session, the strategic budget plan is prepared for optimal utilization of resources. 1. Every year, the budget prepared by the Institute for carrying out construction, repair and renovation of the Institute building and premises

besides purchase of instruments and chemicals is submitted to state government and other

agencies.

2. After receiving the grants the Director who is the Chief Disbursing Officer, in

consultation with the Finance Committee and the Purchase Committee disburses the amount to

the respective departments. 3. All the purchases are carried out according to the

Maharashtra Government Resolution. 4. The utilization of the budget is monitored regularly

by the Institute as per the guidelines of the funding agencies.

5. The scholarship amount

received from the donors is awarded to the deserving students after due verification.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://iscnagpur.ac.in/igacupload/6.4.3%20HOD%20meeting%202022%20May%2012,%202023%20(3).pdf

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Internal quality Assurance Cell has immensely contributed towards development of Institute. The significant initiatives by IQAC in Teaching Learning Process: In year 2021 to 2022 due to COVID-19 pandemic, social distancing was observed for more than one and half year. IQAC took initiative for teaching learning process by adopting Learning management System (LMS). Cloud based LMS and G suite for education were used for taking online classes. G suite was subscribed from

Google LLC. Time table for online classes was prepared and

classes were taken by Google

meet Google classroom, jam boards and YouTube videos were used. For examination Google

classroom and Google forms were used. In this way IQAC played important role for teaching

learning process. It is a matter of great pride that our Institute along with the academics

in UG and PG level contributes towards research activity. For the latest innovations in the

field of Science, Technology and Holistic development of students, IQAC takes initiative in organizing conferences, workshops, and seminars, so that the students can face different challenges in the era of globalization.

During this year, IQAC organized various webinars in view of COVID-19 pandemic.

List of Webinars organized is given in additional information.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://iscnagpur.ac.in/igacupload/6.5.1%20Webinars.pdf

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

For reviewing teaching-learning facility, all faculty members are required to submit a Performance Based Appraisal System (PBAS) every year to IQAC, suggested by the UGC. Institute follows the mechanism, in which IQAC committee circulates notice regarding submission of PBAS with required documentation within a stipulated deadline. The administrative office

collects hard copies of all teaching faculties and forwards the same to the Academic Audit

committee which carries out a detailed assessment of reports based on the documents

provided. After analyzing reports, the committee recommends the desirable

activities which are to be done by faculty to increase his/her scoring. Circulars regarding

placements to next scale are received from the DHE's office from time to time.

. All applications are recommended and forwarded by the Director to the higher authorities for placement and Promotion.

Annual Confidential Reports (CR) is filled by the office considering their performance and

compliance to the orders of the administration. The Heads of the departments with which the

non-teaching staff are associated are taken into confidence while preparing the CRs. These

CRs are verified by the Director with his prudence and sent to the Director Higher

Education, Pune for further procedure.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://iscnagpur.ac.in/igacupload/6.5.2%20PBAS.pdf

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	Nil
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	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

1.Safety and Security: Ever since its establishment, our institute is co-educational

providing equal opportunities to both male and female students. In all activities of the institute, boys and girls work together for success of each program so that gender equity is observed in all activities.

. Committees like internal complaint committee, the Anti-Ragging Committee and the Grievance Redresal Committee look after grievances of all kinds. The Internal Complaint committee which has been formed for protection of students and staff against sexual harassment specifically looks into gender related matters.

2. Counseling: The internal complaint committee and Women's Cell ensure that the girl

students are made aware of gender sensibility.

.Due Pandemic, online counseling sessions were arranged. Guidance is also given on self-defense, nutrition health, yoga and mental fitness.

3. Common Room: In our Institute, a spacious common room with attached toilets has been

provided specially for the girl students ,with seating

arrangement, water cooler and dust bins.

4: Gymnasium : It is made available to both male and female girl students and staff. Separate room for Yoga and meditation for girls and female faculty members is also available. The initiative were taken by organizing karate self defense camp.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://iscnagpur.ac.in/igacupload/7.1.1.pdf

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

C. Any 2 of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Solid waste management: Separate dust bins are provided to collect wet and dry waste which is useful to segregate waste at the source. All solid waste is collected in large bins.

The disposal of solid waste is managed with the help of registered agency deputed by Nagpur Municipal Corporation who pick up the solid waste generated in the campus from time to time. Besides this, compost pits have been prepared which are filled with leaf litter and inoculated with earthworms. The debris undergoes

degradation by worms. The compost generated from pits is collected and used as biofertilizers

for plants in our premises. Our institute works on the principle of

reduce and reuse in this case. Efforts are constantly made to reduce the usage of paper

through computerization, digitalization and use of electronic communication across all

departments of the Institute.

We constantly strive to make our campus plastic-free. As part of NSS campaign we prepared Eco-Bricks.

Liquid waste management: All the laboratories especially

chemistry laboratory is disposed by following the prescribed regulations keeping in view

the safety of students, staff and environment.

E- Waste management : e-Waste is disposed through write-off procedure after coupling with necessary Government rules.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
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

C. Any 2 of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

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

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

B. Any 3 of the above

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy 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**

D. Any 1 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

<p>7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.</p>	<p>C. Any 2 of the above</p>
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File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
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, socio-economic and other diversities (within a maximum of 200 words).

To build youth of the nation who are noble in their attitude and morally responsible, the

Institute organizes and conducted several activities to build and promote an environment

for ethical, cultural, and spiritual values among the students and staff. To develop the

emotional and religious feelings among the students and the faculty, commemorative days are

celebrated in the campus with the initiative and support of the management for not only

recreation and amusement but also to generate the feeling of oneness and social harmony.

Teaching and Non-teaching staff of the Institute jointly celebrate the cultural and

regional festivals, like Constitution day Fresher Party ,teacher's day, orientation and

farewell program, Induction program, rally, oath, plantation, Youth day, Women's day, Yoga

day, etc. But due COVID-19 restrictions, in 2021-22 some of it was taken online.

Motivational lectures of eminent persons of the field are arranged for all-round

development of the students for their personality development and to make them responsible

citizens following the national values of social and communal harmony and national

integration. Besides academic and cultural activities, we have built up many strong

infrastructures for a variety of sports activities for the physical development of the

students.

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

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

Our Institute always takes lead for sensitization of students and employees to the

constitutional obligations, values, rights, duties and responsibilities of citizens by

taking initiatives like-

Constitution day Constitution Day is celebrated on 26th November every year. The programme

initiates with Preamble reading of the constitution followed by lectures on the

sensitization of students on responsibility towards the constitutional values, rights,

duties and responsibilities of citizens.

Research Assessment Committee Institute always strives for the transparency in work and

follows the ethics and values in research and protection of intellectual properties. RAC is

research advisory committee which evaluates and suggests the research activities, research

proposal, and synopsis and pre submission viva of research students of Institute of

science.

Celebration of National Days Every year Institute celebrates Republic Day, Maharashtra Day

and Independence day on January 26, May 01 and August 15 respectively. The celebration is

attended by Students, Teaching and Non-teaching Staff, Invitees, guests and any attendees.

Flag hosting with National anthem and oath of national integrity followed by distribution

of sweets is the regular decorum of the program.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 Annual awareness programmes on the 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 programmes, etc. in support of the claims	View File
Any other relevant information	View File

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

and festivals

To inculcate cultural, ethical and patriotic values, our institute celebrates national

festivals and birth anniversaries of nationally important personalities. 1. Independence Day: The programs of national importance are celebrated regularly.

2. Republic Day: The programs of national importance are celebrated regularly.

3. Birth Anniversary of Mahatma Gandhi: 2nd October is celebrated as Swachhata Divas under

Swachha Bharat Abhiyan.

4. Birth anniversary of Chhatrapati Shahu Maharaj 5. Birth anniversary of Lal Bahadur

Shastri 6. Birth anniversary of Savitribai Phule 7. Birth anniversary of Dr. S.

Radhakrishnan: Teachers' Day 8. Birth anniversary of Chhatrapati Shivaji Maharaj 9. Birth

anniversary of Sardar Vallabhbhai Patel 10. Birth anniversary of Maulana Azad 11. Birth

anniversary of Bhagat Singh 12. Birth anniversary of Swami Vivekanand: Youth day 13. Birth

anniversary of Dindayal Upadhyay 14. Birth anniversary of Dr. B.R. Ambedkar 15. Birth

anniversary of Mahatma Jyotiba Phule 16. Constitution Day 17. NSS Day 18. National Sports Day

19. Marathi Bhasha Gaurav day 20. Wild life week 21. Kranti Din 22. International Yoga Day All

the above events are celebrated with the 50 percent e-participation of staff due to

COVID-19 lockdown.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Title:

1. Conservation of Nature by making Eco-bricks.

Goal: 1. To make people aware of solid waste management.

Context:

This initiative had been started during epidemic of 'COVID'.

Practice:

Students collected the single used plastic from neighborhood, and started filling this single use plastic in plastic bottle until it gets hard

and totally full, thus we have contributed to preserve nature and reduce plastic waste.

Evidence of success:

Eco Bricks are used to make hedge and edge.

This practice enabled us to convert a waste material to a socially useful product, also to reduce plastic waste and conserve nature.

2. Title: Catering to the needs of Society by arranging COVID Vaccination drive.

Goal: 1. To make people aware of importance of Vaccination.

2. To take step towards Herd immunity..

Context:

COVID-19 attained a grave form during second wave as many people succumbed to it.

NSS volunteers arranged vaccination drive for community.

Practice:

Invited Vaccination team of Nagpur Municipal Corporation for vaccination drive.

Posters were made to create awareness regarding the symptoms, preventions, misconceptions,

etc. Teachers and students participated in the drive.

Evidence of success:

50 people were vaccinated during the drive.

File Description	Documents
Best practices in the Institutional website	https://iscnagpur.ac.in/igacupload/7.2.1.pdf
Any other relevant information	https://iscnagpur.ac.in/igacupload/7.2.1.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Academic Excellence through Scholarship

The vision of our Institute is to inculcate scientific temper among students to address

global challenges by producing scientifically trained leaders and innovators and enhancing

public understanding of science. True to this vision, we encourage our students for

scientific approach. Encouraging them for global, local,

academically challenged issues, we develop competitiveness. We boost them for this by

providing scholarships from Philanthropist and Non-

Government Organizations. Our vision is to excel students by making their

name in the merit list; they get rewarded by the scholarship. Alumni Association of

Institute (AASCON) sponsors 20 scholarships. Two Philanthropists made

3 Crores donation. Institute has also announced

"Sukhdevji Maharaj of Saongi Memorial Scholarship, in which students are getting cash price and a gold medal. The scholarship is awarded in six subjects, viz., Physics, Chemistry,

Mathematics, Statistics, Botany and Zoology. Another is Shankar Balwant Pandit

memorial Scholarship, instituted by Vikram Pandit for post graduate students of Physics and Mathematics. The purpose of this scholarship is to help economically disadvantaged students.

Institute always strive for these types of scholarships so that there is continuous encouragement for acquiring knowledge because of competitive environment.

Moreover the needy students are able to continue their education.

File Description	Documents
Appropriate link in the institutional website	https://iscnagpur.ac.in/pdf/SCHOLARSHIPS & _PRIZES.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

The future plans of Institute are as follows.

1. To improve teaching learning by using online tools.
2. Atomization of Library.
3. To carry out extension activities for needy section of society.
4. To upgrade the infrastructure facilities to accommodate more students in hostels.
5. To upgrade admission and result analysis processes.
6. To upgrade ICT facilities .
7. To strengthen the students, teachers and parents through parent-teachers meeting.
8. To ensure commencement of lectures and practical through daily theory and practical records.
9. To procure books for Library.
10. To get subscription of online journals and books.
11. To provide content enrichment to meritorious students.
12. To provide remedial coaching to academically weak students.
13. To make collaborative linkages with industries and academia.
14. To participate in NIRF.
15. To plan industry-academicia workshop.

16. To arrange excursion tours.
17. To visit industries and research institutes.
18. To manage garbage by doing composting.
19. To strengthen alumni participation.
20. To upgrade feedback system from manual to online.
21. To develop necessary facilities for implementation of Autonomy.
22. Providing Audio & Video system for the Seminar hall.
23. Providing CCTV system to Library Building.
24. To implement NEP - 2020 as per directions of the Government of Maharashtra and UGC