

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1

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

Response: 0

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

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

File Description

Document

Institutional data in the prescribed format

[View Document](#)

3.2 Innovation Ecosystem

3.2.1

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

Response:

The institution places a strong emphasis on fostering innovation and actively encourages research activities among both faculty and students.

The institution has created an ecosystem to encourage innovation and research.

Students are given opportunities to turn their ideas into projects, and various methods are used to achieve this, including industrial visits, entrepreneurship development activities, workshops, seminars, and guest lectures.

Faculty members are encouraged to enhance their knowledge through research and training programs.

They are also encouraged to attend and present their research papers in workshops and conferences.

The institution has established a Research Promotion Cell with a well-documented policy to support and

guide research activities.

Both undergraduate (UG) and postgraduate (PG) programs include project work in their curriculum to stimulate students' interest in the subject and promote freedom of thought and the exchange of ideas.

Field studies are integrated into the curriculum, especially for programs such as Geology, Botany and Zoology, while industrial visits are organized for Chemistry students.

Field studies involve data collection through observations and are crucial for understanding user needs and product requirements.

The entrepreneurship and placement cell plays a vital role in creating an environment for students to develop research skills and find meaningful employment opportunities.

The institution maintains well-furnished laboratories in various subjects like Physics, Chemistry, Botany, Geology, and Zoology. These labs enable practical and application-based learning experiences for students.

Students are actively engaged in departmental seminar activities, where they are encouraged to prepare project reports, assignments, survey reports, charts, and models.

The institution organizes competitions like quizzes, poster making, and slogan writing to help students transfer knowledge on current issues effectively.

The institution's library is well-equipped with 70,000 books, including reference materials.

Subscriptions to e-journals and online resources like INFLIBNET N-List and open-access resources enhance knowledge transfer.

Overall, it's evident that the institution has created a conducive environment for both students and faculty to engage in research and innovation. The emphasis on practical learning, project work, field studies, and access to resources contributes to a holistic educational experience that prepares students for both research and employment opportunities.

File Description	Document
Upload Additional information	View Document

3.2.2

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

Response: 11

3.2.2.1 Total number of workshops/seminars/conferences including programs conducted on

Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1	3	2	4	1

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

3.3 Research Publications and Awards**3.3.1**

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

Response: 0.11

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

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

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.3.2

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

Response: 0.08**3.3.2.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years**

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

File Description	Document
Institutional data in the prescribed format	View Document
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.4 Extension Activities**3.4.1****Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.****Response:**

This institution organizes many activities to sensitive students to social issues and prepares them to respond adequately towards social responsibility.

To further this objective, the institution conduct a number of social outreach and extension activities to develop in its students a sense of responsibility towards important social issues.

Extension activities like Campus Cleaning, Plantation Drive, Blood Donation Camp, awareness programme on Road Safety, Vigilance Awareness programme on Swatch Bharat Abhiyan which gives scope to the students for development of leadership quality and sense of service toward the mankind. Throughout the year the NSS, NCC and YRC are proactive in conducting extension and outreach activities.

The student volunteers of NSS take the initiative to regularly organize extension activities and community services like plantation drives, generating awareness on Road Safety, creating awareness about HIV/AIDS by observing World AIDS Day and environment protection.

The YRC wings of the college has organized programme creating awareness about NCC unit of the college conducts various programme about HIV/AIDS by observing World AIDS Day, Health Checkup

Camp, Blood Donation Camp.

NCC unit of the college conducts various programme about which gives training to the students for becoming a responsible citizen. The wing has been achieving participating in extension activities like Blood Donation Camp and Road Safety Rally.

The learning outcomes of the activities include building up relationship and tie-up with organization to carry forward humanitarian work in future.

Develop a passion and brotherhood towards community and affected people. Develop skill for problem solving. To develop social skills, communicative skill, management skill and leadership skill among the volunteers.

File Description	Document
Upload Additional information	View Document

3.4.2

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

Response:

Government College, Sundargarh, has received notable awards for its impactful extension activities, particularly its Tobacco-Free Campus and Prakrutibandhu programs. The college earned the Tobacco Control Award for its comprehensive efforts in eradicating tobacco use on campus through awareness campaigns and strict policies. Additionally, the Prakrutibandhu program, focused on environmental conservation, has been recognized with the Green Campus Award from the Government of Odisha for its successful initiatives in promoting sustainability and ecological balance.

NCC cadet Praveen Minz was honored with the prestigious state-level Rajiv Gandhi Puraskar at Jayadev Bhawan, Bhubaneswar. This award recognizes his exceptional contributions and achievements, reflecting his dedication and excellence within the National Cadet Corps. His accomplishment stands as a proud moment for Government College, Sundargarh.

File Description	Document
Upload Additional information	View Document

3.4.3

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

Response: 43**3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
15	12	6	3	7

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

3.5 Collaboration**3.5.1**

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

Response: 4

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