



SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

RAVENSHAW UNIVERSITY

**RAVENSHAW UNIVERSITY COLLEGE SQUARE CUTTACK
753003**

www.ravenshawuniversity.ac.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

April 2023

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

In all its endeavours, Ravenshaw University derives inspiration from its glorious heritage as the “temple of learning” (?????? ????). The institution, which came into being in the wake of a catastrophic famine of 1866 in the high noon of colonialism, stridently expressed itself through its subversive attempts against the colonial order, inspired by a radical libertarian ideological position. Over the years, it grew into an institution whose history is synonymous with the history of modern Odisha. Therefore, the *raison d’etre* of our present existence has been to conserve this rich heritage as much as we change. Our effort is to cope with contemporaneity and validate change within this effort. Stretching beyond its institutional logic and framework of knowledge production, the sesquicentennial Ravenshaw remained a distinct critical site of negotiating modernity from multiple perspectives by an emerging yet assertive intelligentsia. With all the grace Ravenshaw University was transformed from a college to a unitary state public university in November 2006 and in its first cycle of NAAC accreditation it secured ‘A’ grade with CGPA 3.13. As a teaching and research institution, Ravenshaw has delivered high quality education, at the level of UG, PG and Ph.D programme to contribute to the national education mission.

Not resting on its heritage status, Ravenshaw University has strived to become the most attractive destination for all the aspiring students by creating world-class infrastructure and state of the art facilities. Ravenshaw is unique in having the entire state of Odisha and the nearby states becoming its catchment. The university has the highest number of students outside the state, as compared to any other higher education institution of the state. Unlike any other education institution of the state, Ravenshaw University has the distinction of admitting the best students with passion for higher studies and research. As a multidisciplinary institution, Ravenshaw provides scope to students to select the courses and disciplines as per their choice. Across the discipline courses and multidisciplinary courses are also available to the students making Ravenshaw quite able to implement NEP 2020.

Vision

Founded with the mission to spread the light of learning, and guided by the motto *Jnanameva Shakti* (Knowledge is power), Ravenshaw University aims to preserve its position as the “temple of learning”, with a deep knowing that the phrase exists in the vernacular for a reason. The university envisions itself as the one-stop destination for higher education for students from diverse social and economic backgrounds, and will help students to steer their passions towards making the world a better place.

With the aforesaid vision, the University has adopted three main principles – coordination, hierarchy and functional differentiation – to maintain unified goals and vision. With efficient academic governance and quality infrastructure the university targets to produce human resource commensurate with the progress of knowledge at international level. The university realizes the demand of quality higher education and requirement of connectivity between the classroom education and the societal application. It visions to initiate future programmes to impart skills, as demanded by the society and the stake holders and training of applicability.

Mission

Being a traditional higher education institution, the university believes in generating scholars in science, social science and language streams. However, with the metamorphosis in the approach to higher education and the demand of the society the university has the mission to create conditions that enables the students to imbibe update knowledge and skills. The university aims to achieve a distinctive global identity in the fields of collaborative practice, extension, resource development and social literacy through:-

- Encourage participatory governance to make the best use of the potential of students, teachers, administrator and all other, who are directly or indirectly connected to the institution.
- Facilitate interdisciplinary research by establishing Honeycomb model of research centres, Endowed Chairs and Professorships, and Multipurpose Labs
- Develop practice based curriculum to enable students to learn skills
- Reach out to alumni for resource mobilization for creation and enhancement of infrastructure and other resources
- Create conditions and processes to make the use of the knowledge of alumni with scientific, industrial, cultural and management experience.
- Institute awards to foster professional excellence as well as fellowships and research support for young scholars and faculty
- Internationalization of campus through increased student / faculty exchange programmes with foreign universities.
- Invite industries to partner with the development and execution of programmes as per requirements and create infrastructure for pilot scale practices.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

Institutional Strength

- Being an old and heritage institutions of the country, Ravenshaw University is state public University (the then Ravenshaw College established in 1886) with a robust alumni base established across the globe in all fields: science, humanities, education, administration and politics.
- The university vision and mission are clearly stated for equitable and inclusive education.
- Vibrant urban campus located in the heart of the City the existing campus (81 acres) is compact clean, green with thousands of trees and well maintained. The second campus (146 acres) of the university is located in the deltaic zone of Mahanadi and Kathjodi Rivers and is coming up as a campus for applied studies.
- The curriculum of all the courses are multidisciplinary/interdisciplinary in nature having CBCS system with focus on employability, entrepreneurship and skill development along with outcome base curriculum.
- The university attracts outstanding students from across the country with very high demand ratio and it offers an equitable and inclusive environment for all where student centric pedagogy and a robust examination system is in place.
- The university has a very high quality faculty base basically driven by high standards of teaching and research activities.
- The University promotes high quality research, innovation and extension activities where a very good

number of research projects are being carried out and very high impact factor research articles are being published.

- The infrastructure facilities are of very high standards with state-of-art facilities along with e-governance facilities
- Student support facilities, progression and success rate is very high
- Optimum physical infrastructures in campus for class rooms and labs and library and hostels along with sports complex, playground and other facilities give an adequate environment to students.
- Clean, green and environment conscious educational campus with diversified student base

Institutional Weakness

Institutional Weakness

- Industry-institute consultancy and collaboration needs to be strengthened
- Emphasis on internationalisation of the campus and attract more overseas students.
- Commercialization of patents and establishment of innovation hub.
- Increasing faculty sanction strength to meet the global teacher-student ratio norm

Institutional Opportunity

Institutional Opportunities

- Scope for expansion of physical infrastructure in the second campus to offer a range of new academic programmes in emerging disciplines and to establish centres of advance research.
- Unitary nature of the university give the freedom to plan for further improvement in its functioning through disciplines for academia-industry connect.
- Strengthening the existing infrastructure to create more scope for independent and interdisciplinary research. The industries coming in the state in recent times shall have interest to groom and take human resource from the university.
- The value added and skill development programmes implemented in the syllabi will enhance the skill of students and make them suitable for the job market and/or entrepreneurship.
- The e-resource centre established in the university will enrich the academic resources as required by the students and will enhance their knowledge base.
- To be one amongst the top 100-ranked institutes in the country for its excellence in teaching and research.
- Horizontal academic proliferation in the areas of emerging field.
- Persuade influential alumni in different parts of the world to become stakeholders in the development of the University
- Strengthening the start-up ecosystem in the university
- To improve the share of international diaspora (students as well as faculty members)

Institutional Challenge

Institutional Challenges

- Implementation of NEP 2020 in true spirit with facilities, courses and resources for students.
- Being an unitary university, it has the challenge to establish itself as a multidisciplinary institution in light of NEP 2020
- To have industry connect for broadening the resource base for students and to facilitate the employment of students.
- To homogenize the large number of students from different backgrounds in the university by reconciliation of curricular content, skill development strategy, moral and ethical values and socio-professional standardisation.
- To diversify into other sources of funds
- Spreading awareness about the university's innovative programmes among the public and allaying the apprehensions of the students in the matter of choice and scope, whenever a new programme is introduced.
- Establishing robust mechanisms to translate research into IPR and products of commercial importance.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The University has adopted a systematic approach in its curriculum design and development to make it synchronistic with the broader framework under learning outcome-based curriculum (LOCF) for fostering multi-disciplinarity, knowledge and skill of 21st century, critical thinking with due allowance and recognition of the local, regional, national and global needs. The CBCS and LOCF structured syllabus focused on choice as well as outcome, which has been mapped with well-defined course outcome (COs), programme outcomes (POs) and programme specific outcomes (PSOs) linked with identified Graduate Attributes to achieve the objectives of inculcation of transferable skills and social responsibilities among students for innovation, research, entrepreneurship and employability.

The University currently offers 62 UG and PG programmes under CBCS system besides a number of Ph.D programmes. Considering the suggestions and feedback from all the stakeholders like students, alumni, parents, teachers and employers, syllabus of all the programmes were thoroughly revised and 479 new courses were introduced to meet the skill and employment need of the students. The University also offers 151 additional value added and add-on courses that enhances knowledge and skills of students to meet the challenges of 21st century and inculcate ethics, democracy and respect for deeper humanitarian values and environmental concerns.

The curriculum enrichment is guided by the principle of continuous development, course evaluation and feedback system. Students are well-trained through a system of continuous assessment in the form of tests and assignments, examinations, seminar presentations, and term papers. They are exposed to the latest in the field through seminars, symposia and lectures and as of record all the UG and PG final year students required to undertake field projects / research projects / internships as a compulsory course.

In short Curriculum is designed with Outcome Based Education having Programme Outcomes, Programme Specific Outcomes and Course Outcomes. Periodic revision of curriculum & syllabus focusing on Employability, Entrepreneurship & Skill. Courses on professional ethics, gender equity, human values, environment and sustainability are integrated into the curriculum. Value added courses are also offered beyond

curriculum. Field projects/research projects/internships have been integrated into the curriculum. Curriculum is enriched based on feedback from stakeholders.

Teaching-learning and Evaluation

Ravenshaw University is at the forefront of providing the best education and being a century old institution, it has a very high demand ratio where students enrolled from across the country. The university is committed towards inclusive education where all the seats earmarked for reserved categories are filled up as per applicable reservation policy.

The University takes special care in educating the under-privileged or first-generation learners. Advanced learners are also encouraged to carry out project works, field visits, experiential learning, creative writings and lab experiments. To meet the required teacher student ratio and for mentoring students, a good number of guest/temporary/visiting faculty members are also appointed in addition to full time teachers.

Student centric teaching-learning pedagogies have been adopted to meet the needs of students' aspiration. Most of the classrooms are equipped with ICT enabled facilities and are optimally used for student centric teaching, which includes case studies/good practices, role plays, field/exposure visits etc.

The University has more than 80% faculty members with very high qualification like Ph.D, who are highly experienced in teaching and research and many of them have received awards, recognition, fellowships at State, National, International level from Government/ Govt. recognised bodies during the last five years.

During the past few years, the university examination section has undergone remarkable changes in terms of automation, and online processing, which has brought efficiency, transparency and guarantees ease to all stakeholders through its dedicated web portal with login facility for faculty, students and concerned officers. The University has a robust and fully automated examination system, where the final/end semester results are published with record time of less than two weeks of end of the examination with less than one percent students' grievance on revaluation.

There is an established continuous assessment system and the outcome of all programmes of the University are reflected in the recommended courses of study and are available in the university website. Student Performance and Learning Outcomes are well observed from the 98% pass percentage of students along with good progression to higher studies, placement and success in national level competitive examinations.

Research, Innovations and Extension

Ravenshaw University has a robust research ecosystem and is at the forefront of research and innovation. Focusing on research excellence, it has developed state-of-the-art facilities by frequently investing and upgrading of research infrastructure. For research promotion the University has Institutional Development Plan (IDP) along with the policy documents on collaboration, research promotion, ethical committee etc. The University encourages research activities by providing freedom, state-of-the-art infrastructure facilities, seed funding and a sound 'Research and Innovation policy' with the sole objective of accomplishing academic excellence by fostering interdisciplinary approaches in research.

Promotion of Research & Facilities

- Codified R&D Policies ensuring ethical research.
- Defined Thrust Areas aligned with National priorities
- Central Research Facilities
- Five Advanced and centre of Excellence.
- Infrastructure to support research activities: Registered Animal House, Green/Poly/Net-houses, Museum, Design Studio, Seminar & Conference Halls.
- Advanced e-Resource Support: e-Journals, e-Books, e-Databases with campus wide licenses
- E-journals: IEEE/ScienceDirect/ASCE/ASME/Taylor & Francis/RSC/Springer
- E-Databases: EBSCO/Scopus/ProQuest/J-Gate/UpToDate/Manupatra/Westlaw/LexisNexis/IBI),
- Plagiarism Software: Turnitin
- Seed Money Support
- Financial Support for professional development programmes
- Provision of study / sabbatical leaves
- Research incentives for publications, projects and patents
- Research Awards & Recognitions
- Fellowships for Doctoral and Post-Doctoral Scholars

Resource Mobilization

199 sponsored research projects of Rs.2733.66 Lakhs

Innovation Eco-system

- 40 MoUs/Collaborations for research & innovation.
- Organized 190 workshops/seminars/conferences/symposiums on research methodology/IPR/entrepreneurship/skill development.
- Support for Patent Filing
- Research Publications & Awards
- 1345 indexed papers published (SCOPUS, WoS, PubMed, UGC I-CARE etc.) and 454 number of books published and more than 17 patent published
- 475 Ph.Ds awarded

Outreach & Extension

University takes institutional social responsibility and extension activities very seriously through the NCC, NSS and student bodies (Science, Commerce, Social Science and Film Societies), and in collaboration with Atal Mission, NITI Ayog, Swach Bharat summer Internship, IDY, ministry of AYUSH and NGOs, and is dedicated to the empowerment of marginalized sections of society and generate creative solutions to their problems. Our students have rendered exemplary services during the cyclone Fani and Covid-19 pandemic. During the last 5-years, 20 NSS, 09 NCC and 13 blood donation camps were organized while 20 programs were aired by Ravenshaw Radio.

Infrastructure and Learning Resources

University has adequate facilities for teaching learning activities through adequate ICT enabled class rooms, laboratories, office rooms, waiting areas, library, internet connections, required software etc. All administrative sections are also equipped with computers with complete digitization and functional e-governance. Well-

equipped Laboratories are available in all departments where practical sessions are part of the courses. The entire campus is Wi-Fi enabled that meet the need of information for all students. Each department has department library and reading room facility providing a comfortable space to students for academic enrichment and interaction.

The university has a long legacy of creating and fostering sportsmanship in the state and developed adequate facilities to promote and nurture the sports talents of students down the time. The University has world class sports facilities, state of art sports complex, a state of the art indoor stadium with all modern amenities, open and multi-gymnasium, yoga halls and excellent facilities for sports and cultural events.

The physical infrastructure of Ravenshaw University is unique in terms of its location, architectural view, well-ventilated and well-built constructions both pre-independence, independence and current period, which bears the testimony of the history of Odisha. Over the last 5 years, the University has made significant expansion/up gradation of physical infrastructure through proper planning and implementation with the help of funds received from UGC, grant under RUSA, IDP grant from State Government and its own funds.

The library facilities are one of its kind having rare collection to modern day digital books. The E-Resource Centre is big support to promote Ravenshaw Knowledge Center (RKC) providing innovative services like Ravenshaw Knowledge Portal, Internet-cum-Digital Library, On-line Reading Room, UGC INFLIB Network, National Knowledge Network, subscription to subject databases, online journals and e resources. There are more than 1485 computers for academic purpose with student's computer ratio 5:1. A well dedicated media centre with all facilities meets the need of digital content development.

Maintenance, repairs, cleanness of all the infrastructure and campus are done with appropriate budgetary allocation and handled by the respective Ravenshaw university Maintenance team under works department such as PHD and PWD.

Student Support and Progression

University has state-of-the-art infrastructure and facilities, quality faculty profile, students-centric teaching-learning, conducive atmosphere for research and extension, outstanding progression to higher education, good placement records attract students from across the country. The University adopted learner-centric initiatives, and provide all kinds of support to students.

Scholarships & Stipends: The University extends scholarship, free ship to all the deserving candidates. A good percentage of students are benefited by scholarships and freeships provided by the university, Government and non-government agencies, industries, individuals, philanthropists during the last five year.

Career Counselling & Guidance: Proper counselling is provided on career growth, competitive examinations, personality development and day-to-day difficulties. Specially designed coaching & tutorial classes are held regularly. This has resulted in students getting better employment/higher studies. Training, soft-skill development and personality grooming modules are offered to make students industry ready. Special career counselling sessions are arranged to educate students on career opportunities through industry experts. Several motivational lectures are organized to boost the morale of students.

Grievance redressal mechanism: Several grievance committees are constituted for timely redressal of the grievances including sexual harassment and ragging cases, Implementation of guidelines of statutory/regulatory

bodies, Organisation wide awareness and undertakings on policies with zero tolerance on ragging and sexual harassment, Mechanisms for submission of online/offline students' grievances are in place.

Students Progression: The students of Ravenshaw University are qualifying in various state/ national/ international level examinations like IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, etc in very good number. Many students have also won awards/medals for outstanding performance in sports / cultural activities at inter-university / state / national / international events during the last five years.

Co-curricular/extracurricular support: The university has an active student council regulated by the approved regulations. A number of associations, Societies and Clubs of Ravenshaw University provide scope for cultural and extension activities of the students. The University organizes, encourages, supports & sponsors students to participate in various co-curricular/extracurricular activities on national/international level.

Alumni: Registered Alumni Association is in place at university level, department level and hostel level that plans, strategize and contributes towards better stakeholder relationships.

Governance, Leadership and Management

The Mission & Vision of the University clearly defines its distinctive characteristics in the field of higher education in promoting equitable and inclusive education with excellency. The institutional effective leadership is reflected in various institutional practices such as decentralization and participative management. Administrative and financial functions are delegated to the Heads of Departments/Officers in Charge for routine administrative matters as per Odisha General Financial Rules (OGFR).

The University frames Strategic Plan to accomplish its vision and mission and assures to cover all development facets including teaching/learning; research and development; human resource planning/development; infrastructure and community engagement etc. All the institutional bodies of Ravenshaw University are set up and are functioning as per the guidelines mandated by UGC, and University act and statutes. The statutory bodies as the Syndicate, the Academic Council, the Board of Studies, the Finance Committee, Examination committee, Departments and the IQAC composition includes external numbers having proven record of pre-eminence in the leadership.

The University has implemented e-governance in all areas including Administration, Finance and Accounts, Student Admission and Examination. The University has a well-established performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff. Good number of faculty members are provided financial support to attend conferences/workshops. The University has also conducted a number of professional development / administrative training Programmes for teaching and non-teaching staff during last five years for enrichment. In addition to this, more than 60 percent faculty members have attended professional development programmes including FDP, refresher courses etc. Being a state University, the major source of funding is government fund and there is a specified strategies for mobilisation of funds and the optimal utilisation of resources. Further, being a state public university and as a part of structured compliance mechanism of act and statute, University conducts both internal and external audit by statutory auditors at regular intervals. Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals.

Institutional Values and Best Practices

The University has a gender friendly environment conducive for a congenial learning atmosphere. University has taken several measures to sensitize on the needs and dignity of women and of the girl students at various levels. Staff, student and faculty members are given equal treatment and no bias/discrimination has been shown to any person on account of gender, caste and colour.

The university has facilities for alternate sources of energy and energy conservation measures and the water conservation facilities. For green and clean campus, the university has Restricted entry of automobiles, encouraging Use of Bicycles/ Battery powered vehicles, have Pedestrian Friendly pathways, complete ban on use of Plastic and have excellent landscaping with trees and plants. Regular green and environmental audits are conducted.

University has undertaken waste management initiatives with the objective of providing an end-to-end solution to the waste generated at its campus through an environmentally sound processing and disposal technology.

Ravenshaw university considers opinions and suggestions of all concerned in teaching-learning, research, governance, and plans accordingly irrespective of caste, creed, religion, gender, language. Inclusiveness is observed in all aspects of teaching learning, research, and extension. The Institution has disabled-friendly, barrier free environment. It thrives to bring cohesiveness and provides an environment for holistic development of all. To cite few, it is of utmost importance that students get involved in extension activities to gain values and skills which contribute to their Leadership values, Ethical and moral understanding, Knowledge of solutions, Teamwork, Self-confidence, working under constraints, economic diversity of the society and about the societal needs of application of their education.

Sensitization towards obligations: University places a great emphasis and conducts programmes on the inculcation of values that makes all students and staff responsible citizens. Several commemorative days are observed in this regard.

Best Practices adopted: Special learning atmosphere with braille library for blind students for inclusive education and extension education through Ravenshaw radio with Outcome Based Education Incorporating ICT applications in academic and administrative activities.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the University	
Name	RAVENSHAW UNIVERSITY
Address	RAVENSHAW UNIVERSITY COLLEGE SQUARE CUTTACK
City	CUTTACK
State	Orissa
Pin	753003
Website	www.ravenshawuniversity.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Vice Chancellor	Sanjay Kumar Nayak	0671-2200160	9841010465	0671-2200160	vc@ravenshawuniversity.ac.in
IQAC / CIQA coordinator	Patitapaban Das	0671-2201690	7377074334	0671-2201690	DIRECTORIQAC@RAVENSHAWUNIVERSITY.AC.IN

Nature of University	
Nature of University	State University

Type of University	
Type of University	Unitary

Establishment Details	
Establishment Date of the University	15-11-2006
Status Prior to Establishment, If applicable	Autonomous College
Establishment Date	13-04-1994

Recognition Details		
Date of Recognition as a University by UGC or Any Other National Agency :		
Under Section	Date	View Document
2f of UGC	08-03-2007	View Document
12B of UGC	27-07-2007	View Document

University with Potential for Excellence	
Is the University Recognised as a University with Potential for Excellence (UPE) by the UGC?	No

Location, Area and Activity of Campus							
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.	Programmes Offered	Date of Establishment	Date of Recognition by UGC/MHRD
Main campus	RAVENSHAW UNIVERSITY COLLEGE SQUARE CUTTACK	Urban	87	225363	UG, PG, MPHIL, PHD		

2.2 ACADEMIC INFORMATION

Affiliated Institutions to the University

Type of Colleges	Permanent	Temporary	Total
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Furnish the Details of Colleges of University

Type Of Colleges	Numbers
Constituent Colleges	0
Affiliated Colleges	0
Colleges Under 2(f)	0
Colleges Under 2(f) and 12B	0
NAAC Accredited Colleges	0
Colleges with Potential for Excellence(UGC)	0
Autonomous Colleges	0
Colleges with Postgraduate Departments	0
Colleges with Research Departments	0
University Recognized Research Institutes/Centers	0

Is the University Offering any Programmes Recognised by any Statutory Regulatory Authority (SRA)	: Yes				
<table border="1"> <thead> <tr> <th>SRA program</th> <th>Document</th> </tr> </thead> <tbody> <tr> <td>NCTE</td> <td>106943_9680_4_1669877681.pdf</td> </tr> </tbody> </table>	SRA program	Document	NCTE	106943_9680_4_1669877681.pdf	
SRA program	Document				
NCTE	106943_9680_4_1669877681.pdf				

Details Of Teaching & Non-Teaching Staff Of University

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned	29				71				167			
Recruited	8	1	0	9	16	9	0	25	57	27	0	84
Yet to Recruit	20				46				83			
On Contract	0	0	0	0	0	0	0	0	29	12	0	41

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned				127
Recruited	54	8	0	62
Yet to Recruit				65
On Contract	16	7	0	23

Technical Staff				
	Male	Female	Others	Total
Sanctioned				48
Recruited	15	3	0	18
Yet to Recruit				30
On Contract	13	6	0	19

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	8	1	0	16	9	0	51	22	0	107
M.Phil.	0	0	0	0	0	0	1	3	0	4
PG	0	0	0	0	0	0	5	2	0	7
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	15	7	0	22
M.Phil.	0	0	0	0	0	0	2	1	0	3
PG	0	0	0	0	0	0	12	4	0	16
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	16	12	0	28
M.Phil.	0	0	0	0	0	0	10	15	0	25
PG	0	0	0	0	0	0	11	17	0	28
UG	0	0	0	0	0	0	0	0	0	0

Distinguished Academicians Appointed As

	Male	Female	Others	Total
Emeritus Professor	0	0	0	0
Adjunct Professor	0	0	0	0
Visiting Professor	8	2	0	10

Chairs Instituted by the University

Sl.No	Name of the Department	Name of the Chair	Name of the Sponsor Organisation/Agency
1	None	Not Applicable	Not Applicable

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

Programme		From the State Where University is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	2549	29	0	0	2578
	Female	2550	53	0	0	2603
	Others	0	0	0	0	0
PG	Male	978	9	0	1	988
	Female	1350	7	0	0	1357
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	121	15	0	0	136
	Female	262	30	0	0	292
	Others	0	0	0	0	0
Pre Doctoral (M.Phil)	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0

Does the University offer any Integrated Programmes?	Yes
Total Number of Integrated Programme	1

Integrated Programme	From the State where university is located	From other States of India	NRI students	Foreign Students	Total
Male	144	1	0	0	145
Female	286	8	0	0	294
Others	0	0	0	0	0

Details of UGC Human Resource Development Centre, If applicable

Year of Establishment	15-11-2006
Number of UGC Orientation Programmes	0
Number of UGC Refresher Course	0
Number of University's own Programmes	190
Total Number of Programmes Conducted (last five years)	190

Accreditation Details

Cycle Info	Accreditation	Grade	CGPA	Upload Peer Team Report
Cycle 1	Accreditation	A	3.13	UCycle111524.pdf

2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

Department Name	Upload Report
Botany	View Document
Business Administration	View Document
Chemistry	View Document
Commerce	View Document
Computer Science	View Document
Economics	View Document
Education	View Document
English	View Document
Geography	View Document
Geology	View Document
Hindi	View Document
History	View Document
Information Science And Technology Ist	View Document
Information Technology And Management Itm	View Document
Journalism And Mass Communication	View Document
Mathematics	View Document
Odia	View Document
Philosophy	View Document
Physics	View Document
Political Science	View Document
Psychology	View Document
Sanskrit	View Document
Sociology	View Document
Statistics	View Document
Zoology	View Document

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	Multidisciplinary and inter disciplinary studies in the
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line of NEP 2020 pervades the academic culture of Ravenshaw University. CBCS courses were introduced into the curriculum before the inception of NEP back in 2017. Even having value added courses and courses on skill development were part of the syllabus before the introduction of NEP 2020. Therefore, gliding to NEP seems smoother and more feasible for the university. However, the formal preparation for NEP heralded with a workshop organised by the faculty of education, chaired by Professor Kasturirangan, the very brain behind the preparation of NEP policy document where many other experts of national repute discussed the future course of action from 13-18 October 2020. A number of seminars/ webinars and workshops were organised to train the system gliding towards the adaption of NEP in letter and spirit. The university since then undertook plethora of programmes for augmenting and fostering the multidisciplinary structure of university. 78 Value added and add on courses were made compulsory interdisciplinary affairs. Each course introduced in the curriculum is having components of skill development, while soft skill development courses like communicative techniques, reasoning and critical thinking were made compulsory courses cutting across programmes. Six courses on value ethics were introduced in the syllabus to make students responsible citizens keeping in tune with the ethos of NEP.

2. Academic bank of credits (ABC):

The university is committed to execute the notion of extra credits those can be earned by the students by taking multidisciplinary and interdisciplinary courses across the programmes from the parent university as well as from other institutions. Reforms in the examination system and concerned documents have been successfully executed in the university level while integrating credits from outside institutions are being planned. The enrolment of students in MOOCS courses, those are non-credited is the first step taken, followed by the credited Certificate courses, whose credits are not added for the award of the Degree. In future, ABC will be implemented with appropriate policy decision making by appropriate bodies like Academic Council and Board of Studies (BoS) and approved by the Syndicate. Ravenshaw University has been running three-year UG degree with a research base programme. It is not too difficult to

implement four-year UG program with research. Further, Ravenshaw University has already discontinued M.Phil. programme as a research degree. The Academic bank of credit system has been implemented in the university at the Doctoral level by allowing students to carry their research from one institute and work in Ravenshaw as continuation through relocation.

3. Skill development:

The skill-up India program arose because of the enormous gap of the applied skill needed for students to be industry ready. Students generally are enriched with theoretical knowledge of stereotypical subjects thus are not productive from day one of the job. The NEP transformation will bring transformation, who will be armed with relevant skills, it will encourage students to become passionate self-learners due to the flexibility of choice they will have. This is set to make foundation for the next century, an era where an individual need not be stuck to single profession; but can seamlessly transition across professions which will be enabled by education system through re-skill and up-skill and lead to innovation and entrepreneurship. Roles and skills are articulated at many levels: governance and head level, senior professor level, assistant professor and student level. All roles and skills are articulated in the context of innovation, reform, and, foremost, change. Ravenshaw University has been catering a volley of vocational and professional programme. It may seek further expansion of these programme keeping abreast the demands of twenty-first century employability skills. Ravenshaw University, each and every department has introduced 78 number of skill based value added and add on course enshrining employability skills for employment opportunities. The add on courses are being offered as interdisciplinary credits to cater to the interests of students and to widen their knowledge base. This encompasses the scientific temper, human values, ethics, constitutional rights etc. Few examples of the skill-based course such as Mushroom culture, Plant tissue culture, Vermi-culture, Microbial assessment etc., which significantly improved the skill for self-sustain and created employment. University organized many hands-on training and workshop on various topics such as Hydroponic cultivations of plants and Plant Tissue culture by Botany

	<p>Department, Pearl culture and Vermiculture by Zoology Department to improve the skill. The University organised an innovative, community service Programme, on “Digital Pedagogy and Learning holistic assessment etc.”, in which the students of Integrated B.Ed. and Education Departments (pupil-teacher) taught courses. These programmes enabled the pupil-teachers got an authentic platform to enhance their teaching skill and experience.</p>
<p>4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):</p>	<p>Programmes in Indian languages like Odia, Sanskrit, Hindi are being offered at PG level, including courses on culture, traditions, art and artefacts of the region and local language. Departments of History, Philosophy, Sanskrit, Sociology teach courses on Indian values which is an important component of Indian knowledge system. Normal classrooms are delivered in both English and Odia; language courses are taught in English/Odia/’Sanskrit’ or or ‘Hindi’ etc. in both offline and online mode. Ravenshaw University has established a couple of centers to study Indian knowledge system through the Centre for Sri Aurobindo Studies & Futurology, and Centre for Translation and Digital Humanities. Further, in its regular courses Ravenshaw University has a school of languages and humanities including Indian languages such as Sanskrit, Hindi, Odia, Urdu & Bengali. An add-on course at certificate level in Santali Language has been taken care of by the Department of Odia. In the research focus, the above subjects’ areas have significant contribution to Indian Knowledge system. Further the departments of Chemistry, Botany, and Zoology are working the Indian knowledge on traditional and ethnomedicines and are bioprospecting the potential herbal medicines to integrate them to Indian healthcare. Center of Odishan Studies as the center of excellence funded by the world bank focuses on different aspects of Odishan culture, language and ethos.</p>
<p>5. Focus on Outcome based education (OBE):</p>	<p>Ravenshaw University has been working on the outcome based education delivery model with high quality pedagogical practices including interactive lectures, panel discussions, workshops, dialogues, group learning, lab exchange-based learning with other institutes of excellence and national importance for which the institution has signed a volley of MOUs. The syllabi of UG and PG programme have</p>

	<p>been well designed with program outcomes, course outcomes, and learning outcomes. A comprehensive handbook of POs, COs, and LOs have been developed by the departments under the leadership of IQAC. For the need to provide professional, academic, and career counselling as well as counselling are required to ensure physical, psychological and emotional well-being. A counselling Centre “Sambhav” has been established in Ravenshaw for enhancing mental health of students</p>
<p>6. Distance education/online education:</p>	<p>Online mode of teaching through google meet, Zoom, social media platform, conduct of seminars and lectures through blended mode. Online education was successfully implemented during pandemic where teaching learning, conduct of examination and evaluation were carried out on virtual platform. Adoption of MOOCS courses for outside-the classroom learning is encouraged. In Ravenshaw University about 70 percent classrooms have been ICT enabled along with seminar halls of departments have been ICT enabled in which some are equipped with Visualizes and a few having smart panels. Further the Student-Computer Ratio (SCR) in Ravenshaw is found about 30:1 Ravenshaw University has been organizing national workshops on curriculum reforms, development of MOOCs proposals and implementation of Blended-learning. Ravenshaw University as an ‘A’ grade University, has its credential to establish a Centre for Online Education. Ravenshaw University Faculty members have been extending counselling and research guidance services to distance learners under the ages of the above cited Open Universities. Further, the Ravenshaw University has been a part of World Human Sciences and Management Conferences (WHS&MC): Invitation to Global Dialogue on Agnotological Contexts, Disciplinary Practices of Social Sciences and Policy Frames-An initiative towards think times and re-think episteme collaboratively organized by Ravenshaw University, Cuttack, Central University of Odisha, Koraput, IIM Sambalpur and Centre for Adivasi Research and Development. More than 300 online talks related to skill orientation and professional developments have been organized so far.</p>

Institutional Initiatives for Electoral Literacy

<p>1. Whether Electoral Literacy Club (ELC) has been set up in the College?</p>	<p>Electoral Literacy Club in Ravenshaw University is set up with the electoral ethos of the country. Its main objective is to sensitize the student community particularly the new voters about democratic rights that includes casting votes in elections and the processes from registration of the names into the electoral roll to casting actual votes. The club conducts mock polling activities to give the hands on experience-based learning of the democratic setup. The club also conducts poster presentations, debate competitions, mock parliaments, elocution, essay and poem writing and other programs which create awareness regarding electoral procedures.</p>
<p>2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?</p>	<p>Yes, the ELC is functional in the University, where a professor has been designated as the ELC Coordinator and an Assistant Professor has been designated as the ELC Additional Coordinator. The university has a designated elected students' council and the elected students' representatives also represent the electoral club of the university. Besides, the ELC also constitutes of student representatives from various streams and departments.</p>
<p>3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.</p>	<p>Activities done by the ELC of Ravenshaw University a. Two voting booths of the general election and all local urban bodies' election are conducted at the university premise. The students of the university do participate in the disciplinary activities in voting days. b. Our students participate in Voter Awareness Campaigns aimed in educating the public in the nearby localities. c. Students also help the local people in registering their names in the electoral rolls. d. To create awareness and interest among teaching and non-teaching staff and students through workshops and seminars. c. To educate the targeted populations about voter registration, electoral process and related matters through hands on experience</p>
<p>4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.</p>	<p>The ELC takes initiatives that are socially relevant to electoral related issues especially awareness drives to advance democratic values and participation in electoral processes, To help the target audience understand the value of their vote to ensure that they exercise their suffrage right in a confident, comfortable and ethical manner and to develop a</p>

	<p>culture of electoral participation and to maximize an informed and ethical voting practice where the principles of ‘Every vote counts’ and ‘No Voter to be Left Behind’ are followed. Departments like political science, sociology, geography and history various projects in areas of civic value and democratic rights.</p>
<p>5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.</p>	<p>First year students enter to the university are at the target level since most of them touch 18 years of old and are eligible for new voters. The students above 18 years who are to be enrolled as voters are sensitized about democratic rights which include casting votes in elections. We conduct mock polling activity to give the experience-based learning of the democratic setup. We also conduct poster presentation, debates, mock parliaments, elocution, essay writing and other programmes which create an awareness regarding electoral procedures.</p>

Extended Profile

1 Program

1.1

Number of programs offered year-wise for last five years

2021-22	2020-21	2019-20	2018-19	2017-18
62	62	61	60	59
File Description		Document		
Institutional data in prescribed format		View Document		

1.2

Number of departments offering academic programmes

Response: 25

2 Students

2.1

Number of students year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
7965	8009	7734	6925	6554
File Description		Document		
Institutional data in prescribed format		View Document		

2.2

Number of outgoing / final year students year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
2790	2868	2721	2394	2448
File Description		Document		
Institutional data in prescribed format		View Document		

2.3**Number of students appeared in the University examination year-wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
7677	7491	7275	6917	6541
File Description		Document		
Institutional data in prescribed format		View Document		

2.4**Number of revaluation applications year-wise during the last 5 years**

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	169	126	92

3 Teachers**3.1****Number of courses in all programs year-wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
1642	1641	1540	1548	1515
File Description		Document		
Institutional data in prescribed format		View Document		

3.2**Number of full time teachers year-wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
160	130	144	144	156
File Description		Document		
Institutional data in prescribed format		View Document		

3.3

Number of sanctioned posts year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
267	267	267	267	267
File Description		Document		
Institutional data in prescribed format		View Document		

4 Institution**4.1****Number of eligible applications received for admissions to all the programs year-wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
31697	55481	21975	25580	26376
File Description		Document		
Institutional data in prescribed format		View Document		

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

2021-22	2020-21	2019-20	2018-19	2017-18
1425	1422	1485	1415	1308
File Description		Document		
Institutional data in prescribed format		View Document		

4.3**Total number of classrooms and seminar halls****Response: 166****4.4****Total number of computers in the campus for academic purpose****Response: 1485**

4.5**Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
4449.00	4408.00	3767.00	2062.00	2720.00

4. Quality Indicator Framework(QIF)

Criterion 1 - 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 is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the Institution.

Response:

The Ravenshaw University established as a space of advanced learning where departments were conceived not in silos but part of the University, where there is space for multi-disciplinarity beyond the departments. The university way back organized a three day workshop in 2014 to revamp the curricula to introduce CBCS syllabus as per UGC guidelines with focus on designing a multidisciplinary choice based syllabi. Again in 2016 and 2019 the syllabus were overhauled making it synchronistic with the broad framework under learning outcome based curriculum (LOCF) keeping intact the broader goal of fostering multi-disciplinarity, knowledge and skill of 21st century, critical thinking with due allowance and recognition of the local, regional, national and global needs. For instance, many UG/PG syllabi contained regional flora, fauna, geology, geography, history and culture as course papers. The new syllabus revolved around CBCS and LOCF structure that focused on choice as well as outcome, which has been mapped with well-defined course outcome (COs) with programme outcomes (POs) and programme specific outcomes (PSOs) based on the identified Graduate Attributes, linking with twin objectives of inculcation of transferable skills and social responsibilities among students with a view to ensure innovation, research, entrepreneurship and employability. The suggestion from all the stakeholders is also considered. It is noteworthy to mention that the notifications/guidelines of UGC/AICTE have been strictly adhered to the implementation of Choice Based Credit System (CBCS). The University also offers additional value added and add-on courses that enhances knowledge and skills of students to meet the challenges of 21st century and inculcate ethics, democracy and respect for deeper humanitarian values and environmental concerns. Value added courses in the social sciences and humanities also cater to communication skills, skill development programmes, focusing on specific dimension of one's potential, are integral components of the curriculum. The courses have been designed as a systematic and proactive approach in response to societal needs and changing requirements of a globalized order in fulfilling the local, national, regional and global developmental needs.

The curriculum enrichment is guided by the principle of continuous development. Course evaluation and feedback ensure continuous improvement of the quality of teaching. Students are well-trained through a system of continuous assessment in the form of tests and assignments, examinations, seminar presentations, and term papers. They are exposed to the latest in the field through seminars, symposia and lectures. Students acquire a more holistic perspective and supports their talents and capabilities to meet the needs of the contemporary environment, while at the same time giving them wider understanding of various socio-economic issues of the nation. The effective outcomes of the curriculum design, development and enrichment are best reflected in the presence of Ravenshavian in many sectors of national and regional life. The placement records as well as the presence of Ravenshavian as teachers at school and higher education, bureaucracy, media, IT sectors, corporate management testify that the

curriculum design and enrichment fostered critical thinking problem solving, team leaders and other agents of social change.

File Description	Document
Upload Additional information	View Document
Link for Additional information	View Document

1.1.2

Percentage of Programmes where syllabus revision was carried out during the last five years.

Response: 100

1.1.2.1 How many Programmes were revised out of total number of Programmes offered during the last five years

Response: 62

1.1.2.2 Number of all Programmes offered by the institution during the last five years.

Response: 62

File Description	Document
Minutes of relevant Academic Council/BOS meeting	View Document
Institutional data in prescribed format	View Document
Details of Programme syllabus revision in last 5 years	View Document
Any additional information	View Document
Link for additional information	View Document

1.1.3

Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years

Response: 100

1.1.3.1 Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1642	1641	1540	1548	1515

File Description	Document
Programme/ Curriculum/ Syllabus of the courses	View Document
MoU's with relevant organizations for these courses, if any	View Document
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

1.2 Academic Flexibility

1.2.1

Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.

Response: 28.67

1.2.1.1 How many new courses were introduced within the last five years.

Response: 479

1.2.1.2 Number of courses offered by the institution across all programmes during the last five years.

Response: 1671

File Description	Document
Minutes of relevant Academic Council/BOS meeting	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

1.2.2

Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system

has been implemented (Data for the latest completed academic year).

Response: 100

1.2.2.1 Number of Programmes in which CBCS / Elective course system implemented.

Response: 62

File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Minutes of relevant Academic Council/BOS meetings	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Any additional information	View Document

1.3 Curriculum Enrichment

1.3.1

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

Response:

Ravenshaw University is committed for knowledge creation and sharing with social obligation. The University has created the scope for the inclusion of crosscutting issues relevant to professional ethics, gender harmony, human values, environment and sustainability into the curriculum and thereby integrated in it. All the programmes offered by the University contain courses on gender equality, environmental issues like protection, resource optimization & sustainability, professional ethics and human values. Courses are linked with values that concentrate on basic values of Indian ethos and global norms that train students' mind towards gender equity, harmony, human values and principles with the diversified culture. The courses like Sociology of Environment, Social Change and Development, Human Ecology, Social Movements in India, Social Work & Rural Development, Environmental Psychology, History of Ecology & Environment in India, Plant Ecology & Phyto-geography, Industrial & Environmental Microbiology, Plant Ecology & Taxonomy, Environment Toxicology & Waste Treatment, Environmental Biotechnology, Environmental Economics, Entrepreneurship Development, Human Resource Planning, Organizational Behavior, Environmental Geography, Personality & Life Skill Development, Women & Law, Feminism Theory & Practice, Laws & Right, Human Rights, Ethics, Business Ethics, Professional Ethics, Bio-ethics, Medical Ethics, Environmental Ethics, Indian Ethics, Applied Ethics, Research Ethics etc. are being inculcated by theory and practice.

Ravenshaw University offers six papers of three credit each compulsory courses on "Ethics and Values" from AY 2019-20 at the UG level as per Universal Human Values (UHV) and UGC guidelines entitled

‘MULYA PRAVAH’ - Inculcation of Human Values and Professionals Ethics in Higher Educational Institutions’. Further, a compulsory course ‘Environmental Studies’ is also offered at UG level to educate students on current environmental issues. Courses like value education, and environmental studies are incorporated with activities of Yoga, NSS, NCC and through extramural & extension lectures to enable the students to bring their theoretical knowledge into practice. Yoga/meditation are regular activities for the students to inculcate the value consciousness for a broad outlook of life in the minds of the students for a holistic development in terms of critical thinking, interpretation, reflection, inference, and insight.

To cater the need of environmental issues the University has established a Centre of excellence in Environment and Public Health that undertakes the research activities in the areas of environmental impact assessment, monitoring, remediation thereof and cataloguing of original flora and fauna. In the public health areas, the centre focuses research on reproductive wellbeing, cancer, mental health and also involved in designing, synthesizing new drugs and bioactive components from regional medicinal plants.

To ensure the academic integrity and quality, the University has adopted the guidelines issued by UGC, and Odisha State Higher Education Council (OSHEC), on Academic Integrity and Research Quality including issues of plagiarism. The university is committed to maintain gender balance and equanimity where more than 60 percent are female students. At the institute level, there is a dedicated GSCASH cell which, take care of matters regarding gender issues and sexual harassment. Equal opportunity cell is also there to promote the culture of values, respect, and equality for differently abled students.

File Description	Document
Upload the list and description of the courses which address the Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum	View Document
Any additional information	View Document

1.3.2

Number of value-added courses for imparting transferable and life skills offered during last five years.

Response: 151

1.3.2.1 How many new value-added courses are added within the last five years.

Response: 151

File Description	Document
Institutional data in prescribed format	View Document
Brochure or any other document relating to value added courses	View Document
Any additional information	View Document

1.3.3

Average Percentage of students enrolled in the courses under 1.3.2 above.

Response: 29.1

1.3.3.1 Number of students enrolled in value-added courses imparting transferable and life skills offered year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
3526	0	0	3269	3542

1.3.4

Percentage of students undertaking field projects / research projects / internships (Data for the latest completed academic year).

Response: 36.71

1.3.4.1 Number of students undertaking field projects or research projects or internships.

Response: 2924

File Description	Document
List of Programmes and number of students undertaking field projects research projects/ / internships (Data Template)	View Document
Any additional information	View Document

1.4 Feedback System**1.4.1**

Structured feedback for design and review of syllabus – semester-wise / year-wise is received from

1) Students, 2) Teachers, 3) Employers,

4) Alumni

Response: A. All 4 of the above

File Description	Document
URL for stakeholder feedback report	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Action taken report of the University on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View Document

1.4.2

Feedback processes of the institution may be classified as follows:

Response: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
URL for feedback report	View Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Demand Ratio (Average of last five years)

Response: 10.18

2.1.1.1 Number of seats available year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
3152	3160	3284	3236	3028

File Description

Document

Demand Ratio (Average of Last five years) based on Data Template upload the document

[View Document](#)

• Any additional information

[View Document](#)

2.1.2

Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the last five years

(Excluding Supernumerary Seats)

Response: 90.62

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

2021-22	2020-21	2019-20	2018-19	2017-18
1425	1422	1316	1209	1034

File Description

Document

Average percentage of seats filled against seats reserved (Data Template)

[View Document](#)

Any additional information

[View Document](#)

2.2 Catering to Student Diversity

2.2.1

The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

Response:

- The University takes special care in educating the under-privileged or first-generation learners. The tuition fees and course fees are the lowest in the state and one of the lowest in the country.
- There is provision for graded assessment for students in which the university gives complete autonomy to the departments and faculties for internal assessment.
- Apart from internal assessment, the Departments also conduct diagnostic tests to identify above average and below average learners (AAL/BAL) through the students' performance in midterm assessments, end term examinations, student self-reports, teacher's observation reports, mentor's reports as a robust and comprehensive assessment mechanism under the defined diagnostics test.
- After identifying the target groups, remedial measures are taken up for slow learners in the form of formal tutorial classes focused on doubt clearing, remedial teaching and bridge classes on a continuous basis.
- Teachers usually prepare and share question banks involving Higher Order Thinking (HOTS) as per Bloom's taxonomy, critical analysis and problem solving to engage advance learners.
- Further, departmental seminars and discussion forums are highly active to engage and motivate them to cater their specific need along with channelizing their creativity and flourishing their potentiality. Advanced learners are also encouraged to carry out project works, field visits, experiential learning, creative writings and lab experiments.
- In addition to Continuous Internal Assessment followed by remedial and incentivizing pedagogy, the university follows a student-mentoring practice to make students quite comfortable and homely.
- The feedback system about curriculum, teaching and teachers' evaluation by the IQAC cell helps teachers to adapt and improvise according to students' need, and special classes/practical are organized by departments/centers to address specific needs of such students.
- Being a premier academic tomb stone in the country, the university has a very strong alumni and citizenry support system. Many departments have active Subject/Alumni associations, which encourage achievers and a few of them also support poor and meritorious students through scholarship and fellowship viz. Pranakrushna Parija scholarship, Radhanath medhabruti, Baidyanath Mishra Gold Medal, etc. The alumni association also awards cash prize and trophies to students for their class performances and in the placements.
- Weekly discussions, Group discussions, Open debates are organized to facilitate learning outside the classroom.
- Extension and extramural lectures, capability enhancement programs are organized at departments /centers and occasionally at university level for motivation, personality development, leadership training, confidence-building, with interaction with experts/intellecutuals. Extension lectures and motivation lectures by experts are arranged on mental health and lifeskills as well.
- Many departments/centers have summer internships, dissertation projects (with industry, R&D laboratories, other Universities) as part of their curricula. Faculties of Social Sciences, Humanities and Arts provide for field work for projects and dissertations.

- Since implementation of CBCS courses, every Department/Centre appoints a coordinator/counsellor, to mentor students and to provide personalized and regular support in selection of proper courses based on their aptitude, need and interest.
- Hand holding of freshers by seniors students has been a practice to help them cope with their studies.

File Description	Document
Upload Any additional information	View Document
Paste link for additional information	View Document

2.2.2

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

Response: 49.78

File Description	Document
Any additional information	View Document

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

Response:

Student centric teaching-learning pedagogies have been adequately adopted by all departments/centres to cater to the learning aspirations of students. Most of the classrooms are equipped with ICT enabled facilities to provide an interactive mode of teaching-learning, engaging students in meaningful discussions, both individually and as groups. Pedagogies are also adopted to engage students in problem-solving, extracting practical utility of knowledge.

Participative teaching-learning practices of diverse nature include:

- Lectures, Tutorial, Practical and designed experiments
- Case studies
- Software training, software-based education and use of ICT
- Individual and group presentation
- Seminars, class and home Assignments
- Survey based field work & Projects
- Multimedia learning resources

- Participatory and Action-Research
- Field Work/Educational and Cultural/StudyTours
- Software for visually challenged students

Most departments routinely conduct various extension activities, such as workshops, lectures, expert talks to augment students' knowledge and keep them abreast with global academic and research advancement. Personality development programs are organized at different levels for holistic development of students.

ICT enabled classrooms with interactive teaching are optimally used for student centric teaching, which includes case studies/good practices, role plays, field/exposure visits etc. Computer aided teaching and model development through visualized structures, is adopted in science subjects like chemistry, physics.

Central Library and library at departmental levels are stocked with relevant and latest textbooks and reference materials. Students have easy access to e-resources, e-books, e-journals through a digital resource center on any terminal within the campus. Ravenshaw, being a member of National Digital Library of India, provides additional resources to the students.

Provision is made to regularly update UG/PG and Research labs to provide latest experimental set up to the students to develop/improve their experimental skills and learning. Students are involved in ongoing research projects. Besides dissertation, most of the students obtain and analyse acquired data, prepare term paper/learned paper/technical write up etc. Such training helps them in conceptualizing projects, developing hypothesis and experimental designs, performing experiments, trouble shooting, interpreting results, writing project reports and presenting results in seminars/conferences.

In the departments of social sciences such as Economics, Applied Geography, History, Psychology, Education, etc. emphasize on field studies/fieldwork that enables students to apply theoretical knowledge. In courses of Commerce, ITM, MBA, IST, Computer Science, Journalism and Mass Communication, etc. students articulate their view through videography, posters, cartoons, photographs and multimedia presentations. In Natural and Life sciences, students are encouraged to work on projects of interdisciplinary nature along with extensive classical and innovative laboratory experiments. Central Instrumentation Facility, a well-equipped laboratory with advanced equipment of life/basic sciences, is available to pursue cutting edge research. Lots of interdisciplinary approaches are practiced on applied projects and students training. There are facilities in all science departments for hands- on training that provides exposure to handle high end sophisticated equipment.

To harness students' innovative ideas creatively and purposefully, opportunities are provided through summer internship/fellowships. Most of the physical facilities are equipped with ramp, elevators, wheel chairs to provide full access to differently abled students; while learning needs of such students are taken care of through provision of educational technology and aids like Braille script, scribe for exam and counselling/mentoring support

File Description	Document
Upload any additional information	View Document
Link for Additional Information	View Document

2.3.2

Teachers use ICT enabled tools including online resources for effective teaching and learning process.

Response:

Information communication technologies (ICT) are now constitute an integral and inseparable way of effective communication in teaching-learning process across the world. Ravenshaw University recognizing the importance of ICT as catalysts for change in teaching-learning methods, research approaches and dynamic pedagogy, gives emphasis towards optimum utilisation of ICT tools by faculty members. The current student mass are largely connected with digital platforms and therefore the University has initiated a number of steps for enabling digital learning process. The University encourages blended learning by using e-resources. Needless to say that during the pandemic the University completely shifted to E-learning including examination and evaluation.

Constant upgradation and innovations in teaching learning process are important for the University teachers and many innovative teaching approaches/methods are practiced in the University.

- Each and every faculty members successfully adopted the innovative digital aids to ensure quality teaching and learning during the pandemic.
- To meet the requirement, the University has internet network covering all departments, administrative offices, library, e-resource centre and hostels.
- Each department has smart class room with smart computer system, internet connectivity and ICT tools. Almost each classroom are equipped with LCD/DLP projection facility and compatible internet use.
- All teachers use ICT tools including online resources during the lecture and involve the students to make the effective teaching learning activity.
- Faculty members are provided with a personal computer/laptop, printer and scanner with internet connection.
- Online resources are available in the university library and e-resource centre with availability of 100s of client terminals to cater to the needs of the students.
- In many departments there are departmental library having available e-resources for the students.
- The entire Campus of the University is Wi-Fi enabled with 1 Gbps connectivity through National Knowledge Network (NKN).
- Further, for effective utilisation of ICT tools, the University has 1485 functional computers with internet, necessary configurations & accessories facilities for academic purpose making the student-computer ratio approximately 5:1.
- The University has ICT enabled infrastructure with more than 160 e-enabled classrooms having Wi-Fi facilities that facilitate blended learning by incorporating fact-to-face classroom methods and e-learning.
- The University also facilitates to provide faculty-students interaction with google meet, Zoom, and E-library facilities.
- The library has subject specific databases, interactive learning software and e-learning resources for the benefit of the students and the faculty. The university has automated Library and Information Service System through ProQuest, Sciencedirect, Taylor and Francis, Royal Society of Chemistry and Springer Nature. E-Databases: EBSCO, Scopus, ProQuest, J-Gate. Plagiarism

Software: Turnitin, URKUND; Inflibnet: ShodhGanga, ShodhSindhu, Shodhgangotree.

- The University has a dedicated e-resource centre with 186 computers with dedicated server, internet facilities with Wi-Fi to access the facilities like ProQuest, Sciencedirect, Taylor and Francis, Royal Society of Chemistry and Springer Nature. E-Databases: EBSCO, Scopus, ProQuest, J-Gate. Plagiarism Software: Turnitin, URKUND; Inflibnet: ShodhGanga, ShodhSindhu, ShodhSudhi by teachers and students.

The University faculty members have access to media centres for preparation of digital lecture delivery and recording.

File Description	Document
Upload any additional information	View Document
Provide link for webpage describing the " LMS/ Academic management system"	View Document

2.3.3

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

Response: 49.78

2.3.3.1 Number of mentors ?????????????? ???????

Response: 160

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	View Document
mentor/mentee ratio	View Document
Circulars pertaining to assigning mentors to mentees	View Document

2.4 Teacher Profile and Quality

2.4.1

Average percentage of full time teachers against sanctioned posts during the last five years

Response: 54.98

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document
List of the faculty members authenticated by the Head of HEI	View Document
Any additional information	View Document

2.4.2

Average percentage of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D’Lit. year-wise during the last five years

Response: 80.17

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

2021-22	2020-21	2019-20	2018-19	2017-18
130	108	112	116	122

File Description	Document
List of number of full time teachers with Ph D/D M/M Ch/D N B Superspeciality/DSc/D Lit and number of full time teachers for 5 years	View Document
Any additional information	View Document

2.4.3

Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

Response: 9.43

2.4.3.1 Total experience of full-time teachers

Response: 1508

File Description	Document
List of Teachers including their PAN, designation, dept and experience details	View Document
Any additional information	View Document

2.4.4

Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the last five years

Response: 68.12

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government/Govt. recognized bodies year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
24	13	23	21	19

File Description	Document
Institutional data in prescribed format	View Document
e-copies of award letters (scanned or soft copy)	View Document
Any additional information	View Document

2.5 Evaluation Process and Reforms**2.5.1**

Average number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years

Response: 13

2.5.1.1 Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
5	20	20	13	7

File Description	Document
List of Programmes and date of last semester and date of declaration of results	View Document
Any additional information	View Document

2.5.2

Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years

Response: 1.11

2.5.2.1 Number of complaints/grievances about evaluation year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	169	126	92

File Description	Document
Number of complaints and total number of students appeared year wise	View Document
Any additional information	View Document

2.5.3

IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

Response:

During the past few years, the university examination section has undergone remarkable changes in terms of automation, and online processing, which has brought efficiency, transparency and guarantees ease to all stakeholders through its dedicated web portal with login facility for faculty, students and concerned officers. With increasing number of students and new course structures like CBCS, IT automation was critically important to overcome new challenges for the examination office. Automation provides better connectivity with students and teachers. University has MoU with NSDL/CDSL for uploading certificates on NAD portal for repository.

Automation has extended access with equity to the programmes on offer in far flung areas of the state and the country via e-prospectus, e-application forms, entrance test syllabi, admit card, examination date sheets, results and other notifications. As a result, the University has acquired large data of applicants

together with academic performance, as input for further planning and development of various academic practices that may be adopted. Besides, diversity and exercise of choice of students is expanded, it minimizes man-hours requirement and contributes towards reduction of paper consumption and has thus proven to be eco-friendly.

The initiatives/steps taken by the Controller of Examinations in this direction include:

Online hosting of e-brochure, entrance test syllabi, sample test papers, answer keys for entrance exams.

Online payment facility for admission fee, examination fee, duplicate marksheets, attestation/verification of mark sheets, degrees and transcripts via a secured payment gateway.

Each Programme/ Course is uniquely identified in the system with credits which are worked out; regularly updated by the office with revision/introduction of new programmes courses based on inputs from concerned departments/centres.

For regular exams, admit card and e-Forms are verified and approved by HoDs/Coordinators.

Each concerned faculty member acquires login/password to enable online submission of marks of theory, practical, dissertation and internal assessment. The entries on the system are cross verified. Provision of online degrees/marksheets/transcript(softfile) with restricted copy and editing features to prevent alterations.

Digital printing of Mark sheets/Degree certificates on non-tearable paper with in-built security features like seal, rainbow printing, watermark, encrypted barcode, etc.

Application form are filled online for compartmental examination and for re-valuation of results. Online form for redressal and re-evaluation.

Reviewers are provided soft copies of the M. Phil and Ph D thesis for evaluation to save time and money.

Since (2010), online process for new admissions. All administrative works related to entrance tests for all courses/programmes are administered online. The aforesaid initiatives have led us to minimize error and to deliver error-free results in a time bound manner, from examinations till declaration of results. Technical Helpdesk is available from 10 AM to 5PM with dedicated contact details on web portal.

File Description	Document
Year wise number of applications, students and revaluation cases	View Document
Any additional information	View Document
Link for additional information	View Document

2.5.4

Status of automation of Examination division along with approved Examination Manual

Response: 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Document
Current manual of examination automation system and Annual reports of examination including the present status of automation	View Document
Current Manual of examination automation system	View Document
Any additional information	View Document
Annual reports of examination including the present status of automation	View Document

2.6 Student Performance and Learning Outcomes**2.6.1**

The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

Response:

Ravenshaw University is committed to being at the forefront of providing the best education to students and to act as a catalyst in shaping a bright and sustainable future for our nation and the world. The outcome of all programmes of the University are reflected in the recommended courses of study and are available in the university website. These are a set of competencies, skills and abilities that the students develop, within their course of study.

We continue to serve the nation through quality teaching and research, by developing competent, skilled and sensitive human resource that would catalyse enrichment of physical and human environment. We are making endeavours to become a world-class teaching-cum-research university by bringing in the best national and international practices through development of collaborative partnerships with institutions of excellence, both nationally and internationally. We are committed to offer cutting edge learning experience, internationally benchmarked education, intellectual freedom and critical research opportunities in frontier areas of contemporary concern.

Programs offered are therefore synchronized with this vision and are geared to realize the program/course outcome in terms of creating competent, skilled and sensitive human resource. The programme as well as course outcomes of all programmes offered are provided on department/centre pages, which educate the students with learning outcomes, in terms of critical and analytical competencies, creativity and problem solving, interpersonal skills etc. This information enables students to select programs of their interest and to understand how the program would develop their competencies, skills and abilities through their course of study.

The syllabus revolved around CBCS and LOCF structure that focused on choice as well as outcome, which has been mapped with well-defined course outcome (COs) with programme outcomes (POs) and programme specific outcomes (PSOs) based on the identified Graduate Attributes, linking with twin objectives of inculcation of transferable skills and social responsibilities among students with a view to ensure innovation, research, entrepreneurship and employability. These are also available as a specific link in the website against each programme. A handbook on learning outcomes of the Ravenshaw University has been prepared and it is available in the website for all to know the POs, PSOs, Cos of each programme and course

Most departments/centres have also prepared information brochure, program leaflets, detailing specific program outcomes, placement possibilities and learning outcomes in department/centre webpage. Some of the departments/centres use social media too to share such information to enhance awareness of the program.

Some key attributes of programme/course outcomes depending on its nature are:

- Knowledge depth expected to be acquired in the subject domain for theoretical and practical learning outcomes.
- Critical Thinking, decision taking, inter-personal and leadership skills, behavioural change, and opportunities for personal development
- Scope for creativity, research, innovation, entrepreneurial enhancement
- Scope for acquiring inter-disciplinary knowledge
- Training, skill enhancement, and placement
- Understanding diversity, regional, national and global perspective

File Description	Document
Upload COs for all courses (exemplars from Glossary)	View Document
Upload any additional information	View Document
Paste link for Additional Information	View Document

2.6.2

Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution

Response:

The program/course learning outcomes along with detailed syllabi of the courses and programs offered by department/centre are posted and regularly updated on the respective web-pages of the departments/centres on the university website. Most of the departments/centres have also prepared program leaflets of the courses detailing specific program outcomes, placement possibilities and learning outcomes. Some of the departments/centres also float such information on social media for wide circulation and increased awareness of the programs. The desired learning outcomes are properly

spelled out while designing the syllabi of courses. During the orientation programmes and mentoring sessions, the outcomes are also explained by the HoDs/Directors and by teachers when the new students are admitted.

The university convenes the Board of Studies meetings of each programme and evaluates the courses and programmes. The objectives, course outcomes and programme outcomes and the course contents are regularly upgraded as per the current developments. The university academic council evaluates the programmes and suggests the measures for improvement and opening of new programmes.

As per University guidelines, at least two written tests as internal assessments, with a few assignments, presentations, seminars, tutorials, term papers, are held for continuous assessment of students' performance. Further there are problem solving classes, hands on training sessions and home assignment to improve the knowledge and skills of students. The University has developed several additional tools to assess the attainment of intended outcomes of course/programmes such as:

- Unit-wise Mapping of questions papers for each course
- Examination results for identification of slow and advance learners and planning of measures thereof
- Internships and Placements
- Student research outcomes
- Students co/extracurricular achievements Awards
- Fellowships, Scholarships for students.
- Professional examinations outcomes
- Feedback from employers and Alumni
- Leadership/Entrepreneurship outcomes
- Programme ranking and reputation
- Academic progression to international institutes of repute

The professional programmes/courses are designed with outcome focused on students' gaining in-depth knowledge in the field with possible interdisciplinary/transdisciplinary or cross domain perspectives and capacity building for creativity, innovation, skill enhancement and employability. The focus is also to improve the analytical and problem-solving competencies, decision-making capabilities by utilizing personal/IT skills. Program of Humanities and Languages stream specifically focuses on improving interpersonal Skills, communication competence, emotional intelligence, team/independent work capability; team/collaboration skills; time management and leadership qualities. Professional courses have been designed to encourage job/entrepreneurial capabilities, together with inculcating integrity, honesty, crosscultural understanding of diversity through values of inclusion, responsibility and ethics. These play a critical role in producing a good human being who is committed to the community, society, environment with a commitment to Nation building.

Teaching/curriculum feedback via formal and informal means ensure departments/centres streamline shortcomings, if any, by incorporating the students' valuable input. One of the immediate outcome attainments is the graduation outcome which is above 95%.

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

2.6.3**Pass Percentage of students(Data for the latest completed academic year)****Response:** 97.44

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 2849

2.6.3.2 **Total number of final year students who appeared for the examination conducted by the Institution.**

Response: 2924

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination	View Document
Upload any additional information	View Document
Paste link for the annual report	View Document
Link fo any additional information	View Document

2.7 Student Satisfaction Survey**2.7.1****Online student satisfaction survey regarding teaching learning process****Response:** 3.58

Criterion 3 - 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

Response:

Ravenshaw University has a robust research ecosystem and is at the forefront of research and innovation. Focusing on research excellence, it has developed state-of-the-art facilities by frequently investing and upgrading of research infrastructure. Having robust research culture, the University believes the principle of “catch them young” made mandatory for the UG and PG students to undertake research projects as a part of the curricula. For research promotion the University has Institutional Development Plan (IDP) along with the policy documents on collaboration, research promotion, ethical committee etc. The University encourages research activities by providing freedom, state-of-the-art infrastructure facilities, seed funding and a sound 'Research and Innovation policy' with the sole objective of accomplishing academic excellence by fostering interdisciplinary approaches in research. The scope of the University's research endeavours include; promoting integrative research at the scale of 'region' and link the work to local or micro-level and global perspectives; advance research across disciplines, organizations and schools of thought; and encourage addressing 'big problems' of Indian society through collaborative / team research. Over the past 13 years, the university has been investing in upgrading research facilities, involving the establishment of the following dedicated research centers in a phased manner:

- 1) Centre for Odishan Studies
- 2) Centre for Environment and Public health
- 3) Centre for Plasma Research
- 4) Centre for Translation and Digital Humanities
- 5) Centre for Sri Aurobindo Studies and Futurology

Such updating is done through institutional funding as well as research grants from central, state and international agencies like the World Bank. Two of the above centres (i) Centre for Odishan Studies and (ii) Centre for Environment and Public health have been declared as State Centres of Excellences (<https://oshec.nic.in/?p=submenupagecontent&pg=22>) . Four science departments, namely, Botany, Zoology, Chemistry and Geology have been supported by DST-FIST and one social science department, the department of Economics was recognized by UGC-CAS while the undergraduate wing of the four basic science departments are covered under DBT-STAR college scheme.

Keeping pace with the recent research trends and contemporary requirements, advanced research equipment and accessories are under central instrumentation facility (CIF). The CIF caters the needs of both the University as well as other universities/institution with in houses state of art facilities, namely, advanced NMR, FESEM, FTIR (Fourier-transform infrared); XRD, Infra-Red Gas Analyser (IRGA), Ion

Chromatogram, HPLC, GCMS, Inverted and upright Florescence microscope, Real Time PCR (ABI-7500), Ultra Sonicators, Refrigerated High Speed Centrifuges, Animal Cell culture facility, Plant tissue culture facility and Green House facility and walk in cold room. Similarly, good language labs with digitization facilities and Braille reprographic facilities have also been created along with a e-Resource Centre with ~200 advanced computers and subscription to international large aggregators like ProQuest, EBSCO and ScienceDirect. Efforts are being made for promotion of product/ patent oriented research and a Patent Cell has been created.

Besides, for academic interaction in peer groups, the University supports faculty members for Workshops/Seminars/Conferences at National and International level. Annual awards, commendations and other forms of recognition for research lend to a vibrant research ecosystem.

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

3.1.2

The institution provides seed money to its teachers for research (average per year, INR in Lakhs)

Response: 51.6

3.1.2.1 The amount of seed money provided by institution to its faculty year-wise during the last five years (INR in lakhs).

2021-22	2020-21	2019-20	2018-19	2017-18
64	86	108	0	0

File Description	Document
Minutes of the relevant bodies of the University	View Document
Institutional data in prescribed format	View Document
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View Document
Any additional information	View Document

3.1.3

Percentage of teachers receiving national / international fellowship / financial support by various agencies for advanced studies / research during the last five years.

Response: 22.62

3.1.3.1 The number of teachers who received national / international fellowship / financial support by various agencies for advanced studies / research year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
87	21	23	11	24

File Description	Document
Institutional data in prescribed format	View Document
e-copies of the award letters of the teachers	View Document
Any additional information	View Document

3.1.4

Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the last five years.

Response: 168

3.1.4.1 The Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
42	46	26	13	41

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

3.1.5

Institution has the following facilities to support research

- 1. Central Instrumentation Centre**
- 2. Animal House/Green House**
- 3. Museum**
- 4. Media laboratory/Studios**
- 5. Business Lab**
- 6. Research/Statistical Databases**
- 7. Mootcourt**
- 8. Theatre**
- 9. Art Gallery**
- 10. Any other facility to support research**

Response: A. 4 or more of the above

File Description	Document
Upload the list of facilities provided by the university and their year of establishment	View Document
Upload any additional information	View Document
Paste link of videos and geotagged photographs	View Document

3.1.6

Percentage of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies (Data for the latest completed academic year)

Response: 92

3.1.6.1 The Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other similar recognitions by national and international agencies.

Response: 23

File Description	Document
Institutional data in prescribed format	View Document
e-version of departmental recognition award letters	View Document
Any additional information	View Document

3.2 Resource Mobilization for Research

3.2.1

Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the last five years (INR in Lakhs).

Response: 182.5

3.2.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years (INR in Lakhs).

2021-22	2020-21	2019-20	2018-19	2017-18
35	45.50	5	41.50	55.50

File Description	Document
Institutional data in prescribed format	View Document
e-copies of the grant award letters for research projects sponsored by non-government	View Document
Any additional information	View Document

3.2.2

Grants for research projects sponsored by the government agencies during the last five years (INR in Lakhs).

Response: 2545.41

3.2.2.1 Total Grants for research projects sponsored by the government agencies year-wise during the last five years (INR in Lakhs).

2021-22	2020-21	2019-20	2018-19	2017-18
702.64	153.28	526.64	256.89	905.96

File Description	Document
Institutional data in prescribed format	View Document
e-copies of the grant award letters for research projects sponsored by government	View Document
Any additional information	View Document

3.2.3

Number of research projects per teacher funded by government and non-government agencies during the last five years

Response: 6.09

3.2.3.1 Number of research projects funded by government and non-government agencies during the last five years.

Response: 195

3.2.3.2 Number of full time teachers worked in the institution year-wise during the last five years..

Response: 160

File Description	Document
Supporting document from Funding Agency	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.3 Innovation Ecosystem

3.3.1

Institution has created an eco system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge.

Response:

The academia, technical and support services, business participants, start-ups, and all the individuals that drive these results constitute the innovation eco-system. Syncing in-line with Government of India

formation of the National IPR Policy of 2016 to establish a holistic atmosphere, conducive to exploiting the full potential of IP for social, economic and cultural development, a step in this direction has been taken by instituting a Patent Information Centre under the aegis of the Odisha State Council on Science and Technology Department by Government of Odisha that facilitated the establishment of Intellectual Property Right Cells at different State funded Universities. **Ravenshaw University Intellectual Property Rights Cell (RUIPR Cell)** was established on 15th November, 2018 with a vision to develop human resource in the management of Intellectual Property Rights as an integral part of the innovation process and the innovation value chain in the University. As of today, 17 patents have been published and four have been granted based on the innovations done at Ravenshaw University. Besides, few copyrights and industrial design applications have also been obtained. The Cell is gradually building IPR consciousness and organized a number IPR awareness and implementation programmes in the University Campus. A key objective of this Cell is to integrate IPR with the education process to enhance the quality of thinking, propagate a culture of regard and respect for IPR and ensure speedy and accurate identification and protection of innovations arising out of the research work carried out in the University. Also, the Cell shall focus on bridging the gaps between the industry and the academia for technology sharing and mutual research. RUIPR has four verticals to perform distinct activities related to innovation and Entrepreneurship

Innovation and Technology Management: This vertical aims at creating awareness among students and faculty members about innovation and scouting for new and innovative ideas among students, staff and faculty. Furthermore, challenges in contests like **Hackathons and Makeathons** are being organized for enhancing innovative talents.

Incubation & Entrepreneurship Development: Exploration of ideas of social interest and public benefit, providing technical support, guidance and supervision as well as providing specialized laboratories for incubating ideas and developing prototype / working models are the focal theme of this vertical. Supporting start-ups by students via connecting them to Start Up Odisha, under the MSME Department Government of Odisha, the Nodal agency for building the startup and innovation ecosystem in the state is another function of this vertical.

Capacity Building & Publication: Teaching, training, workshops etc. for capacity building for innovation and entrepreneurship, participation in events, viz. Workshop / conferences / seminars/ competitions etc. and publications, reports, including technical report etc. are the focus of this vertical.

Consultancy and Industry Interface: With the young dynamic faculty and research scholars of Ravenshaw in this **Amrit Kaal** we are engaged in accrediting our laboratories for **industry connect**. In this regard, the university has collaborated with mining industries, Odisha Mining Corporation, Odisha Mineral Exploration Corporation Limited, etc. in the area of research and consultancy services.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

3.3.2

Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development during the last five years.

Response: 190

3.3.2.1 Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
59	21	39	39	32

File Description	Document
Report of the event	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.3.3

Number of awards / recognitions received for research/innovations by the institution / teachers / research scholars / students during the last five years.

Response: 190

3.3.3.1 Total number of awards / recognitions received for *research* / innovations won by institution / teachers / research scholars / students year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
51	49	41	31	18

File Description	Document
Institutional data in prescribed format	View Document
e- copies of award letters	View Document
Any additional information	View Document

3.4 Research Publications and Awards

3.4.1

The Institution ensures implementation of its stated Code of Ethics for research through the following:

- 1. Inclusion of research ethics in the research methodology course work**
- 2. Presence of Ethics committee**
- 3. Plagiarism check through software**
- 4. Research Advisory Committee**

Response: A. All of the above

File Description	Document
Code of ethics for Research document, Research Advisory committee and ethics committee constitution and list of members on these committees, software used for Plagiarism check, link to Website	View Document
Any additional information	View Document

3.4.2

The institution provides incentives to teachers who receive state, national and international recognitions/awards

- 1. Commendation and monetary incentive at a University function**
- 2. Commendation and medal at a University function**
- 3. Certificate of honor**
- 4. Announcement in the Newsletter / website**

Response: A.. All of the above

File Description	Document
Institutional data in prescribed format	View Document
e- copies of the letters of awards	View Document
Any additional information	View Document

3.4.3

Number of Patents published / awarded during the last five years.

Response: 17**3.4.3.1 Total number of Patents published / awarded year-wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
9	6	2	0	0

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

3.4.4**Number of Ph.D's awarded per teacher during the last five years.****Response: 4.03****3.4.4.1 How many Ph.D's are awarded within last five years.**

Response: 475

3.4.4.2 Number of teachers recognized as guides during the last five years

Response: 118

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
URL to the research page on HEI web site	View Document

3.4.5**Number of research papers per teachers in the Journals notified on UGC website during the last five years****Response: 9.44****3.4.5.1 Number of research papers in the Journals notified on UGC website during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
252	356	326	189	263

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

3.4.6

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: 3.09

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

2021-22	2020-21	2019-20	2018-19	2017-18
111	117	99	47	80

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

3.4.7

E-content is developed by teachers :

- 1. For e-PG-Pathshala**
- 2. For CEC (Under Graduate)**
- 3. For SWAYAM**
- 4. For other MOOCs platform**
- 5. Any other Government Initiatives**
- 6. For Institutional LMS**

Response: A. Any 5 of the above

File Description	Document
Institutional data in prescribed format	View Document
Give links or upload document of e-content developed	View Document
Any additional information	View Document

3.4.8**Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed****Response:** 6.58

File Description	Document
Bibliometrics of the publications during the last five years	View Document

3.4.9**Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-index of the Institution****Response:** 24.5

File Description	Document
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View Document

3.5 Consultancy**3.5.1**

Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy.

Response:

Consultancy policy provides an important and effective means for the University to share its resources and expertise with the government, industry, and the social sector, and earn a name and fame in return. With the aim to promote, develop and strengthen consultancy activity, a well-defined Consultancy Policy has been framed and approved by competent authorities of the University. This policy document provides valuable guidelines and conditions for negotiations, contracts for utilization of University facilities, invoicing, debt collection, sharing of revenue generated through consultancy and all other

administrative formalities. The consultancy policy mobilizes experts and the state-of-the-art testing and analytical instrumental facilities available across all departments to extend to the stakeholders. This not only enables the University faculty to upgrade their knowledge, but also provides wider acceptance for their expertise in the field. Weblink of Consultancy policy is given below https://ravenshawuniversity.ac.in/?page_id=47822

Through consultancy assignments, faculty and research scholars establish linkages with the industry, commercial organizations, and the social sector and develop long-term relationships and collaborations with them. This leads to enhanced long-term relationships and provides flexibility to support the needy and meritorious scholars and stakeholders to meet their monetary requirements related to academic activities.

The policy on consultancy lays out the definition, scope and nature of consultancy activities that the faculty of the University may engage in. It provides guidelines for accepting consultancy assignments. The conditions and modalities for revenue sharing are defined in the Policy. The facilities available for potential consultation, directory of key facilities and equipment, expertise of the faculty is made available on the University website.

Types of Consultancy services being offered is given below:

1. Technical Support Projects and Analytical studies in sponsored or non-sponsored Projects.
2. Calibration Cause-and-remedy studies Simulation/ modeling/ optimization.
3. Finance management and auditing
4. Psychological consultancy
5. Translational consultancy
6. Social consultancy to NGOs
7. Design of systems/components/processes
8. Development of industrial products/systems
9. Development of systems software/application software for offline/online applications.
10. Development of laboratories (Plant Tissue culture/ Hydroponic Plant culture/ Animal Cell Culture/ Pearl Culture/ Analytical Chemistry/ Plasma research/ Electrochemical/ Geological research Lab, etc.).
11. Human Resource development programmes through free of cost training to farmers and growing entrepreneurs for cottage, small scale and start up industries.
12. Support services by conducting Recruitment/entrance examinations of various public and private sectors
13. Testing of industrial products/samples.
14. Retainership of faculty in advisory capacity over specified periods on remunerative/non-remunerative basis.

The university is actively engaged in providing consultancy services in the areas of Soil/ water testing, public health awareness programmes, sample testing, monitoring and evaluation works, psychological counseling, environmental consultancy and academic services. The consultancy charges are nominal and finalized by both the parties on agreement. The consultancy charges are shared between the University and the concerned expert(s) of the department.

During last five academic years more than 40 MOUs are signed whereas under consultancy around 2.00 Crores of rupees are mobilized.

File Description	Document
Upload soft copy of the Consultancy Policy	View Document
Upload minutes of the Governing Council/ Syndicate/Board of Management related to consultancy policy	View Document
Upload any additional information	View Document
Paste URL of the consultancy policy document	View Document

3.5.2

Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).

Response: 203.35

3.5.2.1 Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).

2021-22	2020-21	2019-20	2018-19	2017-18
52.50	55.972	47.36	47.515	0

File Description	Document
Institutional data in prescribed format	View Document
Audited statements of accounts indicating the revenue generated through consultancy	View Document
Any additional information	View Document

3.6 Extension Activities

3.6.1

Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years.

Response:

University takes institutional social responsibility and extension activities very seriously through the NCC, NSS and student bodies (Science, Commerce, Social Science and Film Societies), and in collaboration with Atal Mission, NITI Ayog, Swach Bharat summer Internship, IDY, ministry of AYUSH and NGOs, and is dedicated to the empowerment of marginalized sections of society and generate creative solutions to their problems. Our students have rendered exemplary services during the cyclone Fani and Covid-19 pandemic. During the last 5-years, 20 NSS, 09 NCC and 13 blood donation camps were organized while 20 programs were aired by Ravenshaw Radio.

Blood Donation Camps: Blood donation camps were organized in collaboration with various institutions such as the Red Cross Society, Government Blood Banks and Lion/Rotary Club(s) by the university teaching departments and hostels.

Supporting Humanity: Relief camps during natural calamities like cyclone and floods, visits to orphanages and other charitable institutions to understand the societal issues and support the inmates, and teaching the under privileged school children are regularly organized by students. The Department of Geography under Department of Science and Technology, GoI (DST-India) sponsorship created Geo-spatial database for Cuttack Municipal Corporation. The Department of Zoology trained ~80 regional fish farmers in fresh water pearl culture under Department of Biotechnology, GoI (DBT-India) extension project.

Awareness Rallies: Participation in various rallies in support of differentially able persons fitness programs, plantation, de-addiction activities and movements, against open defecation, awareness on Cancer, AIDS, bone diseases and tuberculosis, etc. to create social awareness is a regular phenomenon.

Swachata Initiatives and campaign: Several programs viz. polythene free green and clean campus, Public Health Hygienic, Covid19 awareness, cleanness of railway station were organised by NSS and NCC wings.

Adoption of nearby Villages: Ravenshaw University has adopted a few villages and provide basic awareness and training with an aim to contribute towards the education, skill development, nutrition, health, hygiene and socio-economic growth of the village communities.

Ravenshaw Wellness Programs: Various programs for overall wellness such as yoga sessions fitness, eye-check-up and spiritual wellness camps leading to a purposeful holistic life are regular events in the campus and served as COVID 19 vaccination centre for the local administration.

Voluntary Services: Students and staff have voluntary engagement in plantation, water conservation, rain water harvesting and ground water recharge, use of solar energy, awareness and pilot demonstration programmes including road traffic control and helped the local administration in maintaining law and order during the annual historic *Baliyatra* and developed in house hand sanitizers and disinfectants for distribution during the pandemic. All the faculty members and staff contributed to the Chief Minister Relief Fund and Prime Minister Relief Fund during the *COVID 19 pandemic, Cyclone Fani and Kerala floods*.

Ravenshaw Radio 90.4 mhz: Lunched as Odisha's first Campus Community Radio Station on April 14, 2011 is engaged in lunching various awareness programs on weather prediction, traffic control, livelihood generation, climate change, environmental pollution, managed use of fossil fuel, crop management and cultivation, and community health as well as airing expert panel discussions and extra-

mural lectures.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

3.6.2

Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the last five years

Response: 257

3.6.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
92	21	54	40	50

File Description	Document
Institutional data in prescribed format	View Document
e-copy of the award letters	View Document
Any additional information	View Document

3.6.3

Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

Response: 141

3.6.3.1 Number of extension and outreach programs conducted by the institution those through NSS/NCC, Government and Government recognised bodies during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
61	20	27	13	20

File Description	Document
Reports of the event organized	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.6.4

Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years

Response: 92.34

3.6.4.1 Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
7965	4942	7734	6925	6554

File Description	Document
Report of the event	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.7 Collaboration

3.7.1

Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

Response: 25.2

3.7.1.1 Total number of Collaborative activities with other institutions / research establishment / industry for research and academic development of faculty and students year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
34	12	25	27	28

File Description	Document
Institutional data in prescribed format	View Document
Copies of collaboration	View Document
Any additional information	View Document

3.7.2

Number of functional MoUs 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: 40

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

2021-22	2020-21	2019-20	2018-19	2017-18
6	17	9	5	3

File Description	Document
Institutional data in prescribed format	View Document
e-copies of the MoUs with institution/ industry	View Document
Any additional information	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

Response:

Ravenshaw University is committed to provide adequate facilities to make teaching learning activities interesting and purposeful. In this respect, the university has addressed each aspect of teaching and learning requirements ranging from adequate ICT enabled class rooms, laboratories, office rooms, waiting areas, library, internet connections, required software etc.

- **Classrooms:** There are well defined department units with allotted classrooms, working space of teachers and research fellows, laboratories and other facilities required for quality teaching and research. Every Department of the university is equipped with at least a smart-classroom with LCD projector, computer for presentation system, teaching software and interactive smart board, etc. Besides all the departmental smart class rooms, at least 10 common facilities with ICT enabled equipment are made available for common lecture programmes.
- **General Outlets:** Departments have adequate office rooms, class rooms and staff rooms. Academic buildings are equipped with well-furnished common rooms. Administrative buildings are supported with enough waiting areas for students and guests. Every building/block has separate well maintained wash room facility for both male and female students and staff members as well as for differently abled students and staff. All administrative sections are also equipped with computers and the university has complete digitization and functional e-governance.
- **Laboratories:** Well-equipped Laboratories are available in all departments where practical sessions are part of the courses as to promote the higher order skills for practical and dissertation work. Additionally there are research laboratories, central research facilities and facility for in-house and field studies. Adequate facilities have been created through various funds received from state government, UGC and other funding agencies like DST, DBT, DAE, CSIR, ICAR, ICPR, ICSSR, ICHR, DIC, etc. that provide a suitable ambience to faculty and students towards a better research environment. Research facilities are regularly upgraded through extramural research support, Government grants and by the budgetary allocation by the university.
- **Internet and software:** To promote modern teaching learning environment, Ravenshaw University has become part of NMEICT, NKN projects and a high bandwidth optical fibre network of 1 Gbps was established. Each department has adequate computer facilities for office works, faculty members, seminar libraries and departmental computer labs for students. Besides, the university has dedicated e-resource centre having multiple computing facilities for students. The entire campus is Wi-Fi enabled campus to cater the growing need of information for all students. Each department has department library and reading room facility providing a comfortable space to students for academic enrichment and interaction.
- **Computers and E-Resources:** The University has 1485 number of computers for academic purpose and a dedicated e-resource centre having more than 200 sitting capacity to access wide range of e-contents, e-journals, e-books etc.
- **Media Centre:** Further to facilitate teaching and learning through a hybrid mode the University

has a media centre for lecture capturing and a community radio centre for dissemination of various knowledge beyond the curriculum, breaking the time slots.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.1.2

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

Response:

The university has a long legacy of creating and fostering sportsmanship in the state and developed adequate facilities to promote and nurture the sports talents of students down the time.

Facilities for Cultural Activities: The university has a large central auditorium (sitting capacity 1000), one heritage hall (500 capacity), one mini auditorium of having 200 capacity, conference complexes (three numbers with 300+ sitting arrangement in each complex) with green rooms, 03 open air pendals and an amphitheatre (for 1500 spectators). The university has many literary clubs such as Ravenshaw Debating Club Ravenshaw Drama Club, Ravenshaw Literary Club, Ravenshaw Film Society, Ravenshaw Science Society, Ravenshaw Humanities Society, Ravenshaw Commerce Society, and Ravenshaw Day Scholars Associations to facilitate the creative pursuits of the students.

Sports facility: The University provides many facilities for sporting activities within its premises. There are provisions and equipment for more than 9 different sports and also has two state of art indoor sports complex. The university provides coaching to the students through qualified trainers The University has a stupendous cricket ground that even caters Ranji trophy matches. The cricket ground is maintained by the curators and field staff. The campus fields and facilities also serve for a number of indoor and outdoor games including the following: Cricket (international standard wicket with dressing room and gallery facility), Lawn tennis, Table tennis, Basketball, Badminton, Volleyball, Football, Chess, Athletics and Yoga.

Indoor facility: The University has a state of the art indoor stadium with all modern amenities. There is gallery for the spectators and annex rooms for the players and the staff. The stadium is suitable for all indoor games and sports and is regularly used by the student.

Gymnasium: The University has an open gymnasium, two gymnasia for the students and the staff and there are gym facilities in each hostel. The gyms are open during the morning and evening hours. All the gymnasia are equipped with necessary gym equipment.

Yoga Facility: The University has a Yoga complex with state-of-the-art facility for practising Yoga. The university organizes yoga camps on regular basis and the activities are monitored by professional yoga

trainers. There is regular participation of students and faculty of the university in the Yoga sessions

Sports Complex: The University provides many facilities for sporting activities within its premises. There are provisions and equipment for more than 9 different sports and also has two state of art indoor sports complex. The university has a stupendous cricket ground that even caters Ranji trophy matches. All the 13 hostels have their in-house gymnasium as well as there is separate gymnasium arrangement for faculty members, girls and boys. The campus fields and facilities serve for a number of indoor and outdoor games including the following: Cricket (international standard wicket with dressing room and gallery facility), Lawn tennis, and Table tennis, Basketball, Badminton, Volleyball, Football, Chess, Athletics and Yoga.

File Description	Document
Upload any additional information	View Document
Geotagged pictures	View Document
Paste link for additional information	View Document

4.1.3

Availability of general campus facilities and overall ambience

Response:

The physical infrastructure of Ravenshaw University is unique in terms of its location, architectural view, well ventilated and well-built construction in the pre-independence period, which bears the testimony of the history of Odisha. Built in the style of Gotik architecture, the heritage building of the erstwhile Ravenshaw College forms the main academic block of Ravenshaw University. The University campus spreading over 81.06-acre land, is situated in the heart of Cuttack city with close proximity to Cuttack Railway Station and city bus stand. After 2006, the University has taken several measures not only to add new academic space and upgrade the old the heritage physical infrastructure but also ensured their optimal utilization.

Over the last 10 years, the University has made significant expansion/up gradation of physical infrastructure through proper planning and implementation with the help of funds received from UGC, grant under RUSA, IDP grant from State Government and its own funds. The University has already acquired land (126 acres) for a second campus (Mahanadi Campus) at Naraj (12 km from the existing campus). The first phase of Mahanadi Campus has been ready and will be fully functional from the summer semester of the academic session 2022.

While the main campus is a visual grandeur with its spectacular Victorian architecture with lush green environment, the second campus i.e., the Mahanadi campus is an engineering marvel blending the past with the hope of the future. Presently, the main campus caters the lion's share of infrastructural facilities while the second campus is joining the line. The university has adequate facilities for academic activities with classrooms, administrative building, sports complex, auditoriums, and gymnasiums for students, teachers, and staffs, thirteen hostels for both boys and girls. The university has also created enough

residential facilities for both teaching and non-teaching staffs. The Buddha's Tree placed in the heart of the campus is a place of spiritual experience. The golden quadrangle along with the sun dial is a visual treat as well as the torch bearer of rich academic legacy the university carries with its name. The university maintaining the wildlife diversity has built academic building, administrative building and two hostels for students in the campus. Adequate measures have been taken to keep the new campus green and environment friendly with massive plantation, rain water harvesting, surface water bodies and ground water recharge.

The university is very sensitive for the differently abled students. It has dedicated Braille facility for visually impaired students. Well starched footpaths and dedicated walking tracks are built and preserved with much care for visually impaired students. The university has a dedicated audio lab that stores rare audio lectures of eminent scholars and personalities of the world. The Kanika library caters many rare books besides housing so many books and journals. The sports facilities of the university match with national standard in line with infrastructure and sustainability. The heritage building of the university is a major tourist destination for travellers across the country.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.1.4

Average percentage of expenditure for infrastructure augmentation excluding salary during the last five years (INR in Lakhs)

Response: 49.94

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

2021-22	2020-21	2019-20	2018-19	2017-18
2497.00	2565.00	1430.00	872.00	1499.00

File Description	Document
Upload audited utilization statements	View Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document

4.2 Library as a Learning Resource

4.2.1

Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

Response:

Established in 1922, named after Sri Rajendra Narayan Bhanjadeo, Raja of Kanika, a feudatory state of Colonial Odisha, Kanika Library of Ravenshaw University (erstwhile Ravenshaw College) that stands erect with on the 90000 sq.ft the beautiful red Victorian architecture, is the oldest and largest library of Odisha. With the evolution of knowledge, the library has undergone tremendous transformation including addition of newer infrastructure such as the centenary library in commemoration of centenary celebration of the institution and subsequently, the _Resource centre to cater the need of plethora of information by the present day learners and researchers. Today, the central library facility of Ravenshaw University, aptly named as the “*Ravenshaw Knowledge Centre*”, *the Crescat scientia, vita excolatur (Let knowledge grow from more to more; and so be human life enriched)*. It is the single umbrella that houses the Kanika library, the Centenary Library, the Santhakabi Bhima Bhoi Braille Section (named after the visually challenged 19th-century saint, poet and philosopher from Odisha), the Akshya Mohanty audio-visual and music library (named after the noted odia singer) and the e_Resource Centre. The library is a member of the UGC INFLIBNet and National Knowledge Network. Library is **fully automated** for house-keeping operations like acquisitions, circulations, serial control, Web OPAC and maintenance, using **e_granthalaya 4.0 (cloud version) of National Informatics Centre integrated with RFID system** that automates the process of issue/return of the books and keeps record of transactions on a real-time basis and keeping accurate circulation/inventory reports, as Integrated Library Management Software (ILMS). The cataloguing is based on **Dewey decimal classification and Online Public Access Catalogue (OPAC)** and is available in the University website.

The E-resource centre is equipped with 100 iMac workstations and 100 windows desktops. The seating capacity of different sections is, viz, Kanika Library Reading Hall: 150; Journal section: 50; Digital library Hall: 50, and Reading room: 340 with an addition 100 desktops with Wi-fi connection. The average foot fall per day is ~6000.

The library has a state of art digitization facility including the one for the visually challenged and is equipped with sophisticated scanner and printer facilities exclusively devoted for Braille Printing. The library harbors **5000 books under heritage collection** (those with a few copies in the country or a single one at Ravenshaw only) such as ‘Picturesque Illustrations of Ancient Architecture in Hindostan’ by James Fergusson, publication in 1848 by J. Hogarth, London. Of this collection, **1429 are digitized** and currently undergoing **preservation/conservation by INTACH**. Besides having 2,60,000 text and 12793 reference books, it has 16000 audio books for the visually challenged students, 260 CDs on Indian and Western classical Music and instrumental music including music lessons. The e_Resources provided include **ProQuest, EBSCO and ScienceDirect** through Odisha University Consortium by higher education department and access to **Institute for Studies in Industrial Development (ISID) Database, South Asia Archives and World e_Book Library** via E-ShodhSindhu of UGC-INFLIBNET along with open sources like **UGC-e_Pathshala, NPTEL, etc. and the digitized version of all Odia journals published since 1850 and Odia Bhashakosha (language corpus)**.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.2.2

Institution has access to the following:

1. e-journals
2. e-ShodhSindhu
3. Shodhganga Membership
4. e-books
5. Databases
6. Remote access to e-resources

Response: A. Any 4 or more of the above

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

4.2.3

Average annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 30.29

4.2.3.1 Annual expenditure for the purchase of books and journals including e-journals year-wise during last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
5.66	7.47	25.84	72.32	40.17

File Description	Document
Institutional data in prescribed format	View Document
Audited statements of accounts	View Document
Any additional information	View Document

4.2.4

Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the latest completed academic year

Response: 80

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

Response: 6500

File Description	Document
Details of library usage by teachers and students (Library accession register, online accession details to be provided as supporting documents)	View Document
Any additional information	View Document

4.3 IT Infrastructure**4.3.1**

Percentage of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities. (Data for the latest completed academic year)

Response: 97.59

4.3.1.1 Number of classrooms and seminar halls with ICT facilities

Response: 162

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document
Paste link for additional information	View Document

4.3.2

Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

Response:

Ravenshaw University has a well defined IT policy to develop, maintain and use of the IT infrastructure. This IT Policy defines rules, regulations and guidelines for proper usage and maintenance of technological assets to ensure their ethical use and assures safety and security of data, academic products, other facilities as well as the people using them. It provides guidelines for purchase of IT products and their compliance, IT training support and IT grievance redressal of the employees pertaining to technological assets and services used for office work. During the last decade, a wide range of academic program initiatives and drives have taken place in Ravenshaw University. As a result, IT resources utilization in the campus has increased significantly. Thus, all IT service users of RU are required to be familiar with the policy and the consequences of non-compliance.

Ravenshaw University has a ring network connection to every computer system covering more than thirty buildings across the campus. Computer Centre (CC) has been given the responsibility of running the university internet services. Computer Centre is running the Firewall security, DHCP, DNS, email, web and application servers and managing the network of the institute. Ravenshaw University has a complete Wi-Fi campus for which Internet facilities are purchased from BSNL. The total bandwidth available from BSNL source is 1Gbps (leased line 1:1) for Wi-Fi.

It may be noted that university IT Policy applies to technology administered by the university centrally or by the individual departments to information services provided by the university administration or by the individual departments, or by individuals of the university community, or by authorized resident or non-resident of visitors on their own hardware connected to the university network. This IT policy also applies to the resources administered by the central administrative departments such as Library, Computer Centres, Laboratories, Offices of the University, or Hostels and Guest Houses, or Residences wherever the network facility was provided by the university. All the faculty members, students, staff, departments, authorized visitors/visiting faculty and others who may be granted permission to use the university information technology infrastructure must comply with the IT policy guidelines. Violations of university IT policy by user may even result in disciplinary action against the offender by the university authorities. If the matter involves illegal action, law enforcement agencies may request to take over.

Each year the University allocates budgetary fund for the maintenance of IT infrastructure and there is also some dedicated AMC system for its maintenance. The IT facilities of Examination section is fully automated and maintained through AMC. Similarly all other IT infrastructure are also maintained through AMC of the same.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.3.3**Student - Computer ratio (Data for the latest completed academic year)****Response:** 5.36

File Description	Document
Upload any additional information	View Document
Student – computer ratio	View Document

4.3.4**Available bandwidth of internet connection in the Institution (Leased line)****Response:** A. ?1 GBPS

File Description	Document
Upload any additional information	View Document
Details of available bandwidth of internet connection in the Institution	View Document

4.3.5**Institution has the following Facilities for e-content development**

- 1. Media centre**
- 2. Audio visual centre**
- 3. Lecture Capturing System(LCS)**
- 4. Mixing equipments and softwares for editing**

Response: A. All of the above

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document
Links of photographs	View Document

4.4 Maintenance of Campus Infrastructure**4.4.1**

Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years**Response:** 38.07**4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year-wise during the last five years (INR in lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
1980.00	1697.00	1225.00	937.00	800.00

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document
Audited statements of accounts	View Document

4.4.2

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

Response:

The sesquicentennial Ravenshaw started operating in the main campus way back in 1921. Therefore, maintenance of the heritage infrastructure is always a challenge. Being a state University, the state government departments, namely, the **Public Works Department (PWD), the Public Health Department (PHD) and the General Electrical Department (GED) of Government of Odisha** are responsible for maintenance of the estate. There is a dedicated University Development Section headed by the one of the professors with a team including expert staff for electrical, civil, carpentry, and plumbing sections who take care of routine maintenance and coordinate with the state government departments for proper implementation of the work time to time. Besides, the University has an effective mechanism and policy for the maintenance of its physical, academic, and IT support facilities. The infrastructure is well maintained by implementing and following Standard Operating Procedures (SOPs).

The University Building Committee and the Development Section: This section oversees the maintenance and utilization of physical, academic and support facilities -- laboratories, library, sports complexes, roads and buildings, and classrooms. They also monitors the work of the supervisory engineering staff at the next level. The section has primary responsibility in planning, purchasing, condemning and controlling the use of physical resources under the guidance of the Registrar of the University and also conducts periodic checks to ensure the efficiency/working condition of the infrastructure. The section looks after the regular maintenance of civil works, such as regular masonry and plaster works, painting, carpentry, plumbing maintenance of rest rooms, approach roads, and general upkeep of the entire campus.

Cleanliness of campus: Adequate in-house staff in the sanitation and horticulture sections are employed to maintain the greenery, the hygiene and cleanliness of the campus, so that a healthy and congenial learning environment is created for all. Classrooms, faculty and staff rooms, seminar halls, and laboratories, etc. are cleaned and maintained regularly by the non-teaching staff assigned for each department. Wash rooms and rest rooms are well maintained. Dustbins are placed at strategic locations.

Maintenance of laboratories: All laboratory equipment is taken care of by the Head of the Department concerned. Those in charge of the labs submit periodic reports on requirements of repairs and maintenance to the HODs. The University has annual maintenance contract for all sophisticated equipments. Log books and issue registers are maintained to record the usage of different equipment and components. All labs have trained personnel and lab demonstrators to look into safety issues and protocol and ensure protection of sensitive equipment. Lab earthlings are also checked regularly. Laboratories are also open **24x7** and available for inter-departmental use.

Maintenance of computers and IT facilities: The Systems Department of the University takes care of technical issues related to computers. Standard operating procedures are in place for maintenance of IT and IT related infrastructure. All computer systems of different departments are loaded with **antivirus** packages and enabled with **firewalls network security systems** that prevent unauthorized access to the institute's ERP system and networks.

Campus safety: The security and safety of the campus are monitored by the security office under the supervision of a dedicated committee with the aid of CCTVs installed at strategic points.

Sports complex and related facilities: Since its inception, Ravenshaw boast state of art sports infrastructure. The total area of play ground is 13.5 acers with two play grounds for cricket with turf wickets, cricket net practice turf wickets, athletic grass track and equipments, basketball and lawn tennis courts, and fields for football, volleyball, , kabaddi and khokho along with one multipurpose indoor hall and a faculty sports recreation club constitute the sports facility in the campus. Besides, gymnasium in hostels for the boarders, gymnasium for boys & girls in the indoor hall, yoga and meditation center are also available. Our cricket grounds are being maintained by Odisha Cricket Association on regular basis as per the MOU signed while the Physical Education Officer of the University under the guidance of Sports Club looks after the general maintenance of the facilities.

The University has a separate budget for repairs and maintenance and the allocated budget is optimally utilized by the engineering/technical staff appointed for maintenance and repairs of civil/electrical work. A system for proactive planning is in place of the University and the maintenance unit working in collaboration with all the departments for proper maintenance of teaching and learning infrastructure.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

Average percentage of students benefited by scholarships and freeships provided by the institution, Government and non-government agencies (NGOs) during the last five years (other than the students receiving scholarships under the government schemes for reserved categories).

Response: 32.33

5.1.1.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

2021-22	2020-21	2019-20	2018-19	2017-18
1968	2174	2531	2662	2533

File Description

Document

Upload self attested letter with the list of students sanctioned scholarship

[View Document](#)

Upload any additional information

[View Document](#)

Institutional data in prescribed format

[View Document](#)

Link for additional information

[View Document](#)

5.1.2

Average percentage of students benefited by career counseling and guidance for competitive examinations as offered by the Institution during the last five years.

Response: 54.45

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

2021-22	2020-21	2019-20	2018-19	2017-18
2234	2587	3961	4143	6610

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for additional information	View Document

5.1.3

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

- 1. Soft skills**
- 2. Language and communication skills**
- 3. Life skills (Yoga, physical fitness, health and hygiene)**
- 4. Awareness of trends in technology**

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link to Institutional website	View Document
Link for additional information	View Document

5.1.4

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

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

Response: A. All of the above

File Description	Document
Upload any additional information	View Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Link for additional information	View Document

5.2 Student Progression

5.2.1

Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 21.7

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

2021-22	2020-21	2019-20	2018-19	2017-18
212	307	191	81	66

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

2021-22	2020-21	2019-20	2018-19	2017-18
775	1510	955	415	310

File Description	Document
Upload supporting data for the same	View Document
Institutional data in prescribed format	View Document
Link for additional information	View Document

5.2.2

Average percentage of placement of outgoing students during the last five years**Response:** 20.8**5.2.2.1 Number of outgoing students placed year - wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
517	516	520	618	552

File Description	Document
Upload any additional information	View Document
Self attested list of students placed	View Document
Institutional data in prescribed format	View Document
Link for additional information	View Document

5.2.3**Percentage of student progression to higher education (previous graduating batch).****Response:** 66.16**5.2.3.1 Number of outgoing student progressing to higher education.**

Response: 1846

File Description	Document
Upload supporting data for student/alumni	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for additional information	View Document

5.3 Student Participation and Activities**5.3.1**

Number of awards / medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) during the last five years.

Response: 288**5.3.1.1 Number of awards/medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) year - wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
69	104	50	34	31

File Description	Document
Institutional data in prescribed format	View Document
e-copies of award letters and certificates	View Document
Any additional information	View Document
Link for additional information	View Document

5.3.2**Presence of Student Council and its activities for institutional development and student welfare.****Response:**

Elected/nominated Students' participation is present in different administrative and academic bodies. The university has an active student council regulated by the approved regulations. The following Associations, Societies and Clubs of Ravenshaw University provide scope for cultural activities of the students.

1. Students' Union
2. Athletic Club
3. Day Scholars' Association
4. Drama Society
5. Science Society
6. Commerce Society
7. Humanities and Social Sciences Society
8. Social Service Guild

One faculty acts as the advisor to the student union and there are teachers in charge of all other associations, societies and clubs for smooth functioning. Students are also nominated in the following academic and administrative committees:

1. Internal Quality Assurance Cell (IQAC)
2. Library committee

3. Gender Sensitization Committee Against Sexual Harassment (GSCASH)

4. Anti-ragging Committee

5. Hostel boarders' Management Committee

Student representatives by electoral process from among the boys and girls represent the student's participation in GSCASH. Students' council puts forth students' views regarding issues related to curricular, co-curricular, extracurricular and physical facilities in various forums for their appropriate mitigation. The students' council thus takes the leading role in presentation of students' problems before the appropriate bodies and is thus a connecting link between the university administration and students. The Student Council helps the institute in organization of various activities such as zonal, inter-zonal, intercollegiate sports competitions, seminars, conferences, Youth Festival. Besides, NSS units of the university comprising students across departments are involved in activities like Social Awareness campaign, Environmental Awareness Programmes, Cleanliness Drives, Blood donation programmes etc.

Consequent upon COVID 19 pandemic and the incidence of unrest in different higher education institution of the state, the Department of Higher Education, Govt. of Odisha, banned direct elections to the students' council. However, the university makes nominations of students to various bodies of the university and ensures active students' participation.

File Description	Document
Upload any additional information	View Document
Link for additional information	View Document

5.3.3

Average number of sports and cultural events / competitions organised by the institution per year

Response: 77.6

5.3.3.1 Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
63	129	80	58	58

File Description	Document
Upload any additional information	View Document
Report of the event	View Document
Institutional data in prescribed format	View Document
Link for additional information	View Document

5.4 Alumni Engagement

5.4.1

The Alumni Association / Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services.

Response:

The University has a registered Alumni Association since 2011 and a number of registered and unregistered department specific alumni associations are functional. Seven Chief Ministers, countless bureaucrats, scientists, academicians, litterateurs of Jnanapitha repute and civil society leaders are alumni of this Institution.

Ravenshaw University Development Trust (RUDT)

RUDT was created by distinguished alumni on 18 June 1994 with Amiya Bhusan Tripathy, former DG of Police, Odisha as the Chairman to work for the excellence of the Institution. The Trust prepared “Vision-2010” for Ravenshaw of which one aspect was to convert Ravenshaw College to a University. The Institution was upgraded to the status of a full-fledged University.

The Trust has raised more than Rs. 30 lakh which was used to institute Teaching-cum-Research Fellowships for the Ph. D. students of the University.

Ravenshaw Alumni Association (RAA)

The registered RAA was established during 2010-11 (Registration Number CTC No. 17893/66 of 2010 - 11) in order to participate & promote welfare of Ravenshaw as a centre of Excellence either individually or through institutional arrangements.

Webpage: https://ravenshawuniversity.ac.in/?page_id=28672

Mo College Abhijan is a government of Odisha initiative which aims:

Mo College Abhiyan of Government of Odisha is an initiative of the Government of Odisha through which the Alumni of Ravenshaw provided financial and other supports for the University. It connects alumni with the alma mater. Apart from providing financial support by alumni which was matched by an double grant by the Government, the Abhijan envisions sharing of alumni’s life stories in order to

inspire and motivate the students/ faculties. The Alumni has given 17 lakhs and a double matching grant of 34 lakh from Govt so far since the launching of Abhijan.

Department specific Alumni Associations.

Department	Name	Year of Establishment/Registration	Financial Support	Supporting Activities
Botany	Botanist's Association of Ravenshaw College (BARC)	30th May 1996	1 lakh	Promotion and Dissemination of Botany through competitions seminar presentation, and publication of Journals
Chemistry	Ravenshaw Chemistry Alumni Association	2007-08, CTC No.17612/126/2007-08.	1257000	<ul style="list-style-type: none"> • Bhagabat Nanda Memorial Award for Best Research Publication • N. Mohanty Memorial Award • Parbati Mishra memorial Award for Best UG Student • P. C Dutta and Prof. A. S. Mitra Memorial Award for the best for the best PhD Thesis from the department. • Prof. Ashok Shankar Mitra and Prof. Phanindra Chandra Dutta

				Balabhadra Prasad Memorial Award for Best Seminar Presentation
Education	Association (of 2012 Department of Education (RUEDAA)	of Regd No. 18649 /04/2016-17 (250 Members)		organizing memorial lectures, competitions
Economics	Association of Ravenshaw Economics Alumni	of 2017 (162 Life Members)	1765000	S.N Sinha Auditorium in 2018
English	Ravenshaw English Alumni Association		700000	Centenary celebration 2022.
Geology	Geo-Alumni Association of Ravenshawvians		61000	Quiz competitions among students
Zoology	Zoology Alumni Association, Cuttack		197000	Quiz competitions among students
Physics	Association of Ravenshaw Physics Alumni (ARPA)	of 2004-05 Regd No: CTC/1795/55 of 2004-05		Quiz competitions among students
Alumni of Hostels				
East Hostel	East Hostel Alumni Association		2000000	
West Hostel	West Hostel Alumni Association		600000	

File Description	Document
Any additional information	View Document
Link for additional information	View Document

5.4.2

Alumni contribution during the last five years (INR in Lakhs)

Response: A. ? 100 Lakhs

File Description	Document
Any additional information	View Document
Link for any additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance.

Response:

Founded with the vision to spread the light of learning, and guided by the motto *Jnanameva Shakti* (Knowledge is power), Ravenshaw University aims to preserve its position as the “temple of learning”, with a deep knowing that the phrase exists in the vernacular for a reason. The university envisions itself as the one-stop destination for higher education for students from diverse social and economic backgrounds, and will help students to steer their passions towards making the world a better place. The university believes in generating scholars in science, social science and language streams. However, with the metamorphosis in the approach to higher education and the demand of the society, the university has the mission to create conditions that enables the students to imbibe update knowledge and skills. The university aims to achieve a distinctive global identity in the fields of collaborative practice, extension, resource development and social literacy.

To fulfil the vision and mission, courses are designed with clearly stated programme and course outcomes along with graduate attributes to develop the skills and knowledge of students to enable them to interrogate inherited norms and conventions and emerge as scholars, thought leaders, sportspersons, scientists, political visionaries, policy interventionists, corporate celebrities as well as spiritual ambassadors.

To sustain its vision, the University has adopted three main principles- hierarchy, functional differentiation and coordination in both academic and administrative governance. Academic and administrative governance is executed in accordance with governance vision of ‘5T’ principles-Team Work, Technology, Transparency, transformation and time limit which is coordinated by the Vice-Chancellor who is assisted by the Chairperson, PG Council, the Registrar and the Comptroller of Finance, besides other official and administrative assistance.

Team Work-All the works are executed by the University leadership in consultation with teams specifically constituted for various purpose. The teams act on the basis of clearly defined responsibilities and accountabilities which plays an important role in maintaining academic and administrative integrity.

Technology- University has a fully functional e-office which has considerably enhanced the transparency and speed of decision-making at all levels of administration using technology. All files and documents are processed in the e-office cell of the University.

Transparency-A transparent system of governance in academic, financial and administrative matters is ensured through several bodies existing at the Department and University levels. Each body has internal and external members with the latter comprising alumni/experts from civil society/industry. All the financial transactions are audited by internal auditor and then government appointed local fund auditors. Similarly, the University conduct academic audit, green audit and publish annual report on various

activities for transparency in academic and administrative areas.

Transformation

To meet the growing challenges of dynamic educational outcome oriented objectives, the University supports young faculty members through seed funding to innovate in the emerging areas of research and transform themselves as good academicians.

Time Limit

An academic and events calendar is duly prepared at the Department and University level and details of the activities are communicated to the IQAC cell in a given format.

File Description	Document
Any additional information	View Document

6.1.2

The effective leadership is reflected in various institutional practices such as decentralization and participative management.

Response:

The notion “*the only way to control chaos and complexity is to give up some of that control*” is the basis of **Participative Management** at Ravenshaw University. Albeit, Vice-Chancellor is the Academic Head and Registrar the Administrative Head, the University delegates responsibilities through various committees in accordance with the Acts/Statutes across departments/sections. Administrative and financial functions are delegated to the Heads of Departments/Officers in Charge for routine administrative matters as per Odisha General Financial Rules (OGFR). The **Internal Quality Assurance Cell (IQAC)** initiatives that are implemented in terms of establishing benchmarks and coordinating the efforts for quality enhancement and sustenance reflect a decentralized approach. Teachers take several administrative roles that groom them for leadership. All major initiatives involve consultative meetings cutting across different levels to seek suggestions.

Involvement of Leadership in Management System Development

Decisions are taken by relevant statutory bodies (Syndicate/Academic Council) as per statute whereas duly constituted subordinate bodies efficiently support decision process as enlisted below.

Admission and Examination

Policy formulation for admission to various programmes is undertaken through a Central Admission Committee headed by Chairperson, Postgraduate Council. Controller of Examinations is responsible for formulation of and adherence to the University’s academic calendar for conduct of examination, evaluation of answer scripts and declaration of results. Paper Setters/Examiners/Moderators

are decided by duly constituted Board of Studies (BoS) with the senior most professor as Chairperson and respective heads as convener. All examinations are decentralized and conducted by respective departments/centres.

Academic Administration

Teachers are key participants in Academic decisions making pertaining to introduction, structuring, revision/reformulation of courses and syllabi through BoS with active participation by alumni members. Bodies like University Research Committee, Departmental Research Committees and Research Advisory Committees function to accomplish decisions made with respect to research-related issues.

Office Administration

Academics and Administrative functions of the university is managed by office of the Vice-Chancellor and office of the Registrar, respectively. Central purchase committee manages procurement involving end users acquiescent according to OGFR. University has Internal Auditors, who are specialists from the relevant government services.

Financial Administration

Office of the Comptroller of Finance looks after the budgetary and financial advisory roles, compiles budget/ estimates based on input from all concerned. University adheres to OGFR while authorizing and approving expenditure.

Infrastructure Administration

The Development Section works in coordination with Administrative Office and Building Committee which have members from Finance, Administration and Engineering Branches to ensure that decision making through participative management.

Integration of Leadership with Stakeholders

Objectives and core values of the University are shared through informational brochures displayed in the University portal prepared in consultation with the senior officials. Officers in charge of the constituent units act as liaison officers between the management, students and staff. All student grievances are effectively addressed at various cells, i.e., Equal Opportunity Cell, Anti-Ragging Cell, Gender Sensitization Committee against Sexual Harassment and Proctorial Board all of which have student representatives. The decision-making bodies take into account student feedback. Management and senior officials play a pivotal role in organizing seminars, workshops and other events.

File Description	Document
Any additional information	View Document

6.2 Strategy Development and Deployment

6.2.1**The institutional Strategic plan is effectively deployed.****Response:**

The University frames Strategic Plan (institutional development plan: IDP) to accomplish its vision and mission. While deciding future initiatives, the University assures to cover all development facets including teaching/learning; research and development; human resource planning/development; infrastructure and community engagement etc. The IDP adopted during 2017-2022 considers the contexts of emerging national needs and global scenarios and integrates innovations and shifts needed for the future educational process – the teacher’s role as facilitator, transformed classrooms, multi-disciplinarity, research-based curricula, emphasis on values and life skills, stronger ties with industry, outcome centric learning, imperative of accreditations and greater collaborations. Based on the strategic outlook of the strengths developed, the limitations, the opportunities and challenges presented by the environment, six major areas of goals, the strategies and the key performance indicators have been identified. These six goals are

- Academic excellence
- Impacts from research
- Inclusive development
- Strengthening academia industry connect
- Skill based and holistic learning
- Integrated approaches for sustainability

Effective deployment of the strategic plan

As evidenced through the key performance indicators relating to the six major goals identified in the strategic plan, the university had made deeper inroads in deploying its strategic plans. Excellence in academics is demonstrated through the implementation of an outcome-based framework. Research made its strides with seed funding of ₹200 lakhs and extra mural support of rupees ₹2499.24 lakhs from government and rupees ₹149.50 lakhs non-government sources that resulted in **549** good impact publications (SCOPUS data) and 17 patent awards/publications and a total of 475 Ph. D. awards. Our students and faculty have earned national/international accolades for their work. With regard to the industry-academia interface, a number of programs are driven by curricula accredited by professional bodies or industry. In respect of the goal to train and develop entrepreneurs, the university had taken multiple initiatives to develop a culture and a supportive environment resulting in few startups recognized by Startup Odisha initiative. The goal to excel in sports and impacting society is amply illustrated through the following narrative indicating effective deployment of the strategic plan.

Example of a successfully implemented activity of strategic plan:

Ravenshaw has created audio-visual library and Braille reprographic centre that helped our visually challenged students to excel in academics.

A state-of-the-art sports infrastructure is developed, which is used not only by our students but also for conducting national-level events attracting talent from across the country. The university organized inter university tournaments of Association of Indian Universities (East Zone Cricket & Football Tournament)

in the year 2019-20. Our University has produced many National Level Players who have played Ranji Trophy, CK Naidu Trophy, Cooch Bihar Trophy, Vizzy Trophy in Cricket & Nationals in other games. Besides this our team performance is appreciable in the game of Cricket, Football, Basketball & Kabbadi in the Inter University Tournaments of Association of Indian Universities. Our students represented the winning team of India in *Blind T20 World Cup 2018*. Every year “Ravenshaw Blue” is awarded to outstanding Sports persons with good academic carrier.

File Description	Document
Any additional information	View Document
Strategic Plan and deployment documents on the website	View Document

6.2.2

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

Response:

All the institutional bodies of Ravenshaw University are set up and are functioning as per the guidelines mandated by UGC, Odisha University First Statutes 1990 and Odisha Universities Amendment Act 2020. The statutory bodies as the Syndicate, the Academic Council, the Board of Studies, the Finance Committee, Examination committee, Departments and the IQAC composition includes external numbers having proven record of pre-eminence in the leadership of national institutions, industry stewardship, international experience and academic accomplishments. During last five years, the IQAC had played a critical role in the transformation process by augmenting the all-round performance of the university. The unifying leadership of the Vice-Chancellor and the principal officers of the university ensure the necessary coordination, role diversity and process flow in the functioning of the bodies. Effectiveness of these bodies is also ensured through setting the prior agenda, provision of necessary background documentation, maintaining records of attendance, the process of preparation, review and approval of minutes and finally reporting on action taken on the implementation of the decisions and recommendations of the respective bodies. To realize the vision and mission of the university with a strategic outlook, their effective role had also been responsible for the university to articulate and implement a comprehensive set of policies. These policies include the Research policy, Ethical Guidelines and Standard Operating Procedures for use of human samples, microbes and animals, IPR policy, Consultancy policy, Earn while you learn policy, Sports policy and so on.

The effectiveness of the functioning of the bodies in Ravenshaw is reflected by a high degree of participation in all meetings by both internal and external members which generated tremendous impetus in the linkage with national and international institutions of repute with student and faculty exchange, industry link ups, programmes recognized professional bodies, the growth in students and programmes, entrepreneurial accomplishments and exceptional achievements in fields like sports and research focused on priority areas validating the effective functioning of the institutional bodies.

Implementation of policies at the operational level is further guided by the rules of the university. The Personnel policies are drawn in cognizance of the guidelines and include the employee welfare, employee engagements that address the sports, outbound activities, counseling and staff meetings, and, the faculty selection and promotion. The welfare policies are updated with budgetary provision to provide support for the challenges faced.

Besides, the Equal Opportunity Cell, Anti-Ragging Cell, Gender Sensitization Committee Against Sexual Harassment and Proctorial Board whose participation cuts across different disciplines and departments provide a responsive and inclusive approach as well as unitary policy guidance. Efficiency is also promoted through the creation of specialized service roles like Director Students Welfare, Chairperson-Admission committee, placement cell, Director-Central Instrumentation Facility & Industry connect, international relations and quality initiatives, who besides involving the faculty members also reduce demands for administrative functions. As a consequence, the overall functioning of institutional bodies is ascertained in the course of the driving objectives, structure, policy, resource and cultural dimensions.

File Description	Document
Any additional information	View Document
Link to Organogram of the University webpage	View Document

6.2.3

Institution Implements e-governance covering following areas of operation

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

Response: A. All of the above

File Description	Document
Screen shots of user interfaces	View Document
ERP (Enterprise Resource Planning) Document	View Document
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View Document
Any additional information	View Document
Link for additional information	View Document

6.3 Faculty Empowerment Strategies

6.3.1

The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff .

Response:

For a 360 degree improvement in the organisational performance of teams and individuals for ensuring the achievements, Ravenshaw is implementing various schemes and measures.

Appraisal of Performance of Faculty

A performance-based appraisal system (PABS) devised by IQAC, in line with the UGC guidelines provides for self-appraisal by the faculty members followed by a review at two higher levels, and it provides the basis for feedback, training and also career promotions taking account of the **UGC guidelines pertaining to the Career Advancement Scheme (CAS)**. The appraisal system relies principally on (i) number of teaching hours, (ii) knowledge up-gradation, (iii) research / project-oriented activities, (iv) organization of development activities, (v) participation in seminars, workshops and conferences, (vi) paper presentations and research publications, (vii) research guidance, (viii) shouldering additional responsibilities, and (ix) participating in community development. During the reporting period, **all faculty members were promoted to higher grades with no pending cases under CAS.**

Welfare measures

- **For Research/Career-Enhancement:** Faculty members are provided with seed funding, research awards, financial assistance for conference/workshop/seminar participation, monetary benefits to principal-investigator of sponsored research projects, paid leaves for international fellowships, aid in IPR filing, programs to support professional growth through FDPs and MDPs and so on. The labs and libraries are accessible for extended hours to support research. Faculty members who make exemplary contributions are also felicitated on special occasions and social media platforms.
- **Staff Housing:** Safe and comfortable housing is provided to the needy inside the campus with medical services, security services, and parking.
- **Social Security and Health facilities:** The University provides PF/Pension and Group insurance Schemes/Gratuity cover, maternity/paternity/child-care leave for staff members along with **preferential service** to Divyaang and **medical facility for all at the University Dispensary**. Employee corpus fund provides assistance during exigencies like the COVID pandemic while Employees' Cooperative Society helps the members in need.
- **Sports and wellness facilities:** The indoor stadium is a central facility which has table tennis and badminton courts open to all teaching, non-teaching staff and their families as well as to the students. The Sports Complex has separate gymnasiums with all modern equipments for boys and girls as well as the faculty and staff. Besides, a yoga hall and open gymnasium is also available.
- **Gender Sensitization Committee Against Sexual Harassment (GSCASH):** In pursuance of UGC (Prevention, Prohibition and Redressal of Sexual Harassment of Women Employees and Students in Higher Educational Institutions) Regulations, Act 2013 read with Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal), Ravenshaw has constituted the committee to address such issues and has a dedicated office.
- **Grievance Redressal Committees:** University has constituted several Committees for redressal

of grievance of any Teaching/Non-Teaching Employee. The Establishment section of the University Administration facilitates Pensions, PF schemes and related matters of retired employees.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.3.2

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

Response: 38.73

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

2021-22	2020-21	2019-20	2018-19	2017-18
15	31	71	88	78

File Description	Document
Details of teachers provided with financial support to attend conferences, workshops etc. during the last five years (Data Template)	View Document
Link for Additional Information	View Document

Other Upload Files

1	View Document
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6.3.3

Average number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the last five years.

Response: 41.8

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

2021-22	2020-21	2019-20	2018-19	2017-18
69	30	39	39	32

File Description	Document
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View Document
Any additional information	View Document
Link for Additional Information	View Document

6.3.4

Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 46.42

6.3.4.1 Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
99	113	43	40	40

File Description	Document
IQAC report summary	View Document
Details of teachers attending professional development Programmes during the last five years (Data Template)	View Document
Any additional information	View Document
Link for Additional Information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1

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

Response:

Ravenshaw University is a state unitary university, hence, receives funds principally from the state government as well as from various central government schemes (RUSA, DST-FIST etc). *Odisha University Research and Innovation Incentivization Plan (OURIIP) and Odisha Higher Education Plan for Equity and Excellence (OHEPEE)* are the two flagship programmes of the Government of Odisha that provide substantial funding for research and all-round excellence of state universities. Our University also receives fund **under OURIIP seed funding by faculty members and OURIIP Fellowships by Ph.D. Scholars, besides a sanction of ? 129 lakhs under OHEPEE** during the last 5 years. Another unique move by the state government is *Mo College Abhijaan (my college campaign)* in 2019 that encourages alumni contributions in the form of cash/kind and in case of cash donation the state government provides double the donation amount that enabled us to incur **? 54 lakhs**. During the last five years, the university mobilized through extramural funding of **?182.50 lakhs from non-government sources** such as industry, corporate houses, and international bodies for sponsored research projects during the last five years. During the same period, our faculty members received **research grants sponsored through the government agencies (DBT, DST, DRDO, BRNS, CSIR, ISSR, ICPR, etc) amounting approximately ?2500 lakhs**. Through **consultancy and testing activities approximately more than ? 200 lakhs has been generated**. The Endowment Corpus is formed from philanthropists for the creation of 18 different awards/medals/scholarships and are given annually out of the interest incurred.

Utilization of specialized equipment like Nuclear Magnetic Resonance, Field Emission Scanning Electron Microscope and X-Ray Diffraction, equipment required by more than one departments has been organized into a common facility providing access to the needy where external users are required to pay the cost of use of the equipment. Implementing low carbon technologies like LED and solar lighting, recycling and moving towards paperless offices are few examples of resource optimization in the campus. Human resource optimization is also addressed through Faculty Development Programmes and faculty empowerment for technology-enhanced learning.

Systematic planning, monitoring and control enabled optimal utilization of our resources. Finance Committee reviews the projection of department and centre-wise requirements. Accordingly the Budget allocations for the infrastructure augmentation, maintenance, and other capital and revenue expenditures are made annually after endorsement by the Syndicate.

Regular financial audit are integral part of functioning of the University performed by the Internal Audit Section. All payments of ?1.0 lakhs and above are pre-audited by Internal Audit Section while others are checked after payment. External Audit of the University is conducted annually by the Directorate of Local Fund Audit, Finance Department, Government of Odisha and Accountants General of Odisha in conformity with Auditing Standards issued by Comptroller and Auditor General of India. Audit observations, if any are addressed and action is taken on the observations contained in the audit report and reported.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.4.2

Funds / Grants received from government bodies during the last five years for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs).

Response: 5287

6.4.2.1 Total Funds / Grants received from government bodies for development and maintenance of infrastructure (not covered under Criteria III and V) year wise during the last five years (INR in Lakhs).

2021-22	2020-21	2019-20	2018-19	2017-18
1136	2351	252	581	967

File Description	Document
Details of Funds / Grants received from government bodies during the last five years (Data Template)	View Document
Any additional information	View Document
Annual statements of accounts	View Document
Link for Additional Information	View Document

6.4.3

Funds / Grants received from non-government bodies, individuals, philanthropists during the last five years (not covered in Criterion III and V) (INR in Lakhs)

Response: 46

6.4.3.1 Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
25	0	0	16	5

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Annual statements of accounts	View Document

6.4.4

Institution conducts internal and external financial audits regularly

Response:

Being a state public university and as a part of structured compliance mechanism of act and statute, Ravenshaw University conducts both internal and external audit by statutory auditors at regular intervals. Systematic planning, monitoring and control enabled optimal utilization of our resources. Finance Committee reviews the projection of department and centre-wise requirements. Accordingly the Budget allocations for the infrastructure augmentation, maintenance, and other capital and revenue expenditures are made annually after endorsement by the Syndicate.

Scope of University Audit System:

The audit system of Ravenshaw ensures legitimate and optimum utilization of resources and provides a true picture of the sourcing and deployment of financial resources. Specifically, the scope covered other aspects as detecting and preventing any financial fraud, a true reflection of assets and liabilities, ensuring timely payments and collections, verifying the compliance to standards, ascertaining those expenditures are within budget allocations, observing whether pecuniary powers are exercised through judicious expenditure and ensuring the compliance with Indian Tax System.

Mechanism and Areas of Audit: The financial audit of the university is a two step procedure, i.e., internal audit and external audit

Internal Audit

The University has a separate internal audit cell duly supported with staff and consultants as provided by the government. Internal auditors act as consultants to the organization, providing assurance on the organizations' risk management governance and internal control processes and deal with issues that are fundamentally important to the survival and prosperity of the organization. Internal audit is an ongoing and continuous process in addition to the external audit to verify and certify the entire Income and Expenditure and the Capital Expenditure of the University each year. The transactional audit involved a 100% verification of financial transactions and all payments are pre-audited by Internal Audit Section before payment. Fee reconciliation and Bank reconciliation statements are important parts of the auditing exercise. Any clarifications/ observations are settled at the internal audit stage itself.

External Audit

External Audit of the University is conducted in two stages, namely, (i) the **Directorate of Local Fund**

Audit, Finance Department, Government of Odisha (statutory auditor) conducts the audit annually and (ii) **Accountants General of Odisha in conformity with Auditing Standards issued by Comptroller and Auditor General of India** conducts periodic audits on various aspects. Both the audits involve two phases, i.e., (i) certification of accounts and transaction audit looking into the procedural and (ii) performance aspects. The statutory auditors review the internal control mechanism, accounting policies, accounting standards, financial analysis and prepare the financial statements. The process involves effective management of internal controls and strengthens the operations in an effective manner.

Most of the audit observations are settled based on the convincing replies furnished by the University. The University invariably takes corrective measures in the next financial year on any observations made in the audit report. The accounts have been audited regularly by the LFA and transfer and placed in the state assembly within the time frame.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.5 Internal Quality Assurance System

6.5.1

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals.

Response:

Ravenshaw has established an Internal Quality Assurance Cell, as per UGC guidelines, to implement quality improvement strategies, incorporate self and external evaluation, quality promotion/ sustenance/ awareness initiatives. Since its inception, IQAC, Ravenshaw University has taken numerous steps for assessing and enhancing the quality of teaching, learning, research and governance at the University. The IQAC has brought significant improvements to achieve excellence in the light of suggestions and feedback received from the last accreditation. Some of the measures taken by IQAC in institutionalizing quality assurance strategies and processes are:

- The syllabus of the university is regularly modified, revised in tune with national and international advancement of knowledge. The syllabus has inputs from industry by incorporating members from industry and corporates as well as suggestions from alumni by BOS.
- Ensuring prevalence of Learner's Centric Environment, participatory teaching-learning process, Programme objectives & outcomes, course objectives and outcomes are incorporated into syllabus, 32% new courses have been introduced, 78 value added and add on courses have been incorporated. Mandatory contents on ethics, environmental awareness, civic virtues have been amalgamated into the curriculum
- 75 faculty members' amounts to Rs.150000000 rupees have been assisted with seed money for

research initiative.

- IQAC facilitates in formulation of IDP, formulation of green audit of the university policy papers of various ethics committee of the university.
- IQAC conducts regular meetings for monitoring progress and disseminating quality parameters.
- Appointed IQAC Nodal Officers at every department/centre to generate awareness; percolate IQAC activities; establish required processes and systems within department/ centre.
- IQAC has a robust student and faculty feedback collection mechanisms. Students' feedbacks (online and offline) are analysed evaluated and action taken on the basis of the feedback obtained. Periodic improvement ensured through strategic intervention.
- Motivating to Alumni Association, Student activity centres and Student Clubs for enhanced participation in social outreach programmes.
- More than 400 workshops/seminars on quality related themes have been organised
- Annual Quality Assurance Reports are prepared and submitted to NAAC.
- Annual review of Academic and Research performance of all the departments/centres through an academic audit.
- Compilation and submission of data to AISHE, NIRF timely manner.
- Students' satisfaction survey as well as teachers' satisfaction survey are conducted which reflected their satisfaction in terms of teaching, campus life and administration
- Implementation of Outcome Based Education in its true spirit, in conformity with and in adherence to the global best practices to acquire demonstratable skill sets, practical orientation, industry readiness, adaptability to technologies & environment.
- Incorporating ICT applications in academic and administrative activities: significant rise in the use of ICT by teachers has been recorded while ICT facilities have been augmented.
- Assisting the slow learners, regular remedial classes are organised: robust mentoring system is in place in each department.
- With the participation of IQAC, the university has augmented, created and maintained facilities like children park, day-care-centre, access to key facilities by appropriate signage, tactile path, use of solar energy, bio gas system, rain water harvesting system etc.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.5.2

Institution has adopted the following for Quality assurance

1. Academic Administrative Audit (AAA) and follow up action taken

2.Confernces, Seminars, Workshops on quality conducted

3. Collaborative quality initiatives with other institution(s)

4.Orientation programme on quality issues for teachers and students

5. Participation in NIRF**6. Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA).**

Response: A. Any 5 or more of the above

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

6.5.3**Incremental improvements made for the preceding five years with regard to quality (in case of first cycle), Post accreditation quality initiatives (second and subsequent cycles).****Response:**

The Peer team of NAAC in the first cycle accredited **A** for the university with **3.13** on seven-point scale. The team suggested improvement/optimization in the following dimensions:

Energizing IQAC activities with the involvement of alumni and parents, steps to recruit regular faculty Integrating MOOCs and other on-line resources into teaching-learning process. Enhancing global visibility of faculty accomplishments through individual home pages in university website, establishing an Employment Advisory Centre, Developing library as a knowledge centre, Exploring feasible models of resource mobilization for innovative projects. Developing infrastructure for differently-abled students for access to all learning facilities.

The university has worked meticulously on suggestions made. Some of these include:

- Developed a structured mechanism to collect regular feedback from the students, alumni, employer and parents including Student and Teachers' Satisfaction Survey. The suggestions collected, analysed and implemented through strategic interventions.
- The IQAC is reconstituted in regular interval taking consideration of participation of alumni, parents, representation from industry, society, students and teaching community.
- The syllabus has been revised thrice during the last five years. Course objective, outcome, programme objective, outcome and graduate attributes have been spelled out. 32% new courses, 78 value added and add on courses have been incorporated. Mandatory contents on ethics, environmental awareness, civic virtues have been amalgamated into the curriculum
- University provides financial assistance to faculty members to attend seminars, workshops etc.
- 75 faculty members' amounts to Rs.150000000 rupees have been assisted with seed money for

research initiative.

- Rs 12, 08,744 have been incentivised to faculty for contribution towards research. Besides 60 numbers of faculty members are awarded with recognition for extraordinary contribution to research and teaching activity.
- 10 Departments/Centres were awarded UGC-SAP and DST-FIST proposals/ other recognitions.
- More than one crore rupees have been raised by contribution from Alumni association.
- ICT facilities for teaching have been improved. 160 numbers of classes have been equipped with ICT facilities.
- 1373 numbers of papers published, 351 numbers of books and book chapters, conference proceedings published. 3 numbers of in-house journal published, one is care listed.
- Dissertation/project work at Undergraduate and Master level made mandatory. 190 numbers of awareness programs were conducted for measures of the quality research, ethics, various databases, e-resources and IPR.
- Academic audits of all the departments/centres were conducted. Majors to be taken has been suggested to the University for Improvement.
- Seventeen patents have been filed/published.
- Ravenshaw PRIDE has been established for facilitating cultural and curricular activities.
- Admission processes have been made 100% online. Examination related processes have been automated.
- 40 numbers of MOUs signed with reputed institutions/agencies; Rs. 16427118/- raised by consultancy.
- New campus with 12381 sq. mtr built up area has been added for academic activity.
- 2727 numbers of students got placement by Training and Placement office 124 numbers of interactive sessions, career counselling program organised in colloration with with industries and job fares.
- 32 more faculty members received PhD between 2017-2021.
- All the eligible faculty members were promoted under CAS during five years.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

Measures initiated by the Institution for the promotion of gender equity during the last five years.

Response:

The University has a gender friendly environment conducive for a congenial learning atmosphere. University has taken several measures to sensitize on the needs and dignity of women and of the girl students at various levels. Staff, student and faculty members are given equal treatment and no bias/discrimination has been shown to any person on account of gender, caste and colour. Gender Sensitization Committee Against Sexual Harassment (GSCASH) prevents and investigates cases against sexual harassment and breaches of privacy as and when they are reported by the students / faculty of the university. The GSCASH is constituted by faculty members and staff of the University, two student members, and three external members including a senior academician, a member of NGO and a legal advisor. The committee has conducted several gender sensitizations programmes on the issues of gender equality, equal opportunities to women in matters of education and employment, implementation of reservation policy for women in posts and services etc.

Special Measures taken:

Safety and Security of Women:

- 24x7 security services for the ladies' hostels
- Campus wide CCTV surveillance
- Barrier free campus irrespective of gender, caste, creed & religion.
- Zero tolerance for the sexual harassment.
- Provision of emergency helpline
- Ladies' wardens and Matrons for girls' hostels
- Gender Sensitization Committee against Sexual Harassment (GSCASH) headed by senior female faculty with adequate women representations from faculty, staff & students.

Counselling:

- Gender specific allotment of faculty mentors for counseling of students
- Allotment of female psychological consultations through SAMBHABA
- Providing female counselors for girl's students & staff.

Common Room:

- Separate common rooms for girls' students
- Individual chambers & common rooms for lady faculty members and staff
- Day Care Centre for children of staff:
- Facilities are available for the children of faculty & staff under the supervision of trained professionals with adequate provision of children amusement & comforts.

- Maternity Leave

Any Other:

- Non-discriminatory, gender neutral, gender equitable policies & governance.
- Women in key positions such as CPGC, Deans, Heads of the depts/centres etc.
- Conducting women specific games & sports
- Provision of maternity benefits as per Maternity benefit act
- Separate lavatory facilities for women.
- Conduct of Gender sensitization/awareness programmes & trainings.
- Training on self-defense is provided to female students & staff.
- Security in the campus is managed by a dedicated Security Agency that keeps vigil at all the entrance/exit points, Departments, Hostels, and administrative block. All the Girls' Hostels are manned by women security guards round-the-clock to ensure security for the resident girls.

There is a dedicated Counselling Centre *Sambhab* in the Department of Psychology since November 2014 that offers counselling to the mentally distressed girl students

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

7.1.2**The Institution has facilities for alternate sources of energy and energy conservation measures**

- 1.Solar energy
- 2.Biogas plant
- 3.Wheeling to the Grid
- 4.Sensor-based energy conservation
- 5.Use of LED bulbs/ power efficient equipment

Response: A. 4 or All of the above

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

7.1.3

Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- **Solid waste management**
- **Liquid waste management**
- **Biomedical waste management**
- **E-waste management**
- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

Response:

University has undertaken waste management initiatives with the objective of providing an end-to-end solution to the waste generated at its campus through an environmentally sound processing and disposal technology. The final goal is to have 'zero' organic waste, which is primarily processed in the campus. The waste-to-energy concept is promoted in order to process the organic waste generated.

Special scopes of waste management includes

- Supporting innovative ideas on the treatment and disposal of solid waste.
- Developing outreach programs through creation of resources and training material; impart training to various sections of the people by creating awareness on correct segregation and disposal methods and promote the concept of 3R: Reduce, Recycle, Recover.
- Conducting awareness campaigns to sensitize inhabitants on proper disposal of wastes, on maintenance of clean and green environment, about adverse effects on use of polythene bags, against rampant felling of trees etc. in the locality.
- The solid waste management initiative would develop Ravenshaw University as a working example for adopting environmentally sound principles of managing all categories of wastes.
- Plastic free, polythene free campus

Handling/disposal of different waste streams.

- Disposal of solid (dry & wet) and biomedical wastes are outsourced to a certified agency (Paritosh Cleaning Pvt. Ltd.). Dry waste is further segregated and sent to recyclers (Daily sorting & weekly disposal).
- Chemical and biological waste materials are properly disposed with necessary precautions. Medical & hazardous waste is sent for incineration. Biodegradable and food waste are composted on daily basis.
- Disposal of e-waste through auction and through buy-back arrangements.
- University ensures a zero-waste campus with its staff ensuring complete conversion of food waste, garden waste into compost to be utilized for Gardens and Farms.

The waste generated are segregated and make best use of waste bins. In each building several dust bins are placed from where housekeeping staffs take the wastes. The Cuttack Municipal Corporation take the construction, plastic and other recalcitrant solid wastes. Bio-degradable wastes are effectively converted composted inside the campus. University discourages use of plastic; particularly single use plastics in campus. Paper wastes are disposed through vendors. University promotes digital platform to reduce the usage of paper for communication and sharing documents.

Liquid Waste Management:

Liquid wastes generated by the University are of two types: 1. Sewage waste. 2. Laboratory, residential washing and canteen effluent. The liquid wastes are mainly drained to improve the ground level of water. University do not have any sewage treatment plant yet.

Biomedical Waste Management:

The biomedical wastes are generated in very negligible quantity, so it safely dispose as per the norm.

E-Waste Management

Obsolete and out of order appliances are disposed off through authorized vendors. In case of a new procurement Buy-Back option, especially for computers and peripherals, photocopiers and scientific equipment is preferred for technology up gradation.

Hazardous Waste Management

No hazardous or radioactive substance is used in the university campus, however, chemicals are disposed as per the guidelines.

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

7.1.4**Water conservation facilities available in the Institution:**

- 1. Rain water harvesting**
- 2. Borewell /Open well recharge**
- 3. Construction of tanks and bunds**
- 4. Waste water recycling**
- 5. Maintenance of water bodies and distribution system in the campus**

Response: A. Any 4 or all of the above

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

7.1.5

Green campus initiatives include:

- 1.Restricted entry of automobiles**
- 2.Use of Bicycles/ Battery powered vehicles**
- 3.Pedestrian Friendly pathways**
- 4.Ban on use of Plastic**
- 5.landscaping with trees and plants**

Response: A. Any 4 or All of the above

File Description	Document
Geotagged photos / videos of the facilities	View Document
Any other relevant documents	View Document

7.1.6

Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:

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

Response: A. Any 4 or all of the above

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

7.1.7

The Institution has disabled-friendly, barrier free environment

- 1.Built environment with ramps/lifts for easy access to classrooms.**
- 2.Divyangjan friendly washrooms**

3. Signage including tactile path, lights, display boards and signposts
4. Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment
5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

Response: A. Any 4 or all of the above

File Description	Document
Geotagged photographs / videos of the facilities	View Document
Details of the Software procured for providing the assistance	View Document
Any other relevant information	View Document

7.1.8

Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

Ravenshaw University is a premier higher education institution working for higher goals and ennobling values. It provides an equitable, rationale, fair and encouraging environment to students to grow to full of their capacity. Towards this, utmost care has been taken to involve students to get involved in extension activities that expose them to the needs of the society. The university is extra vigilant to provide safe and secure environment to girl students. The Women Cell, the GSCASH, the Legal Literacy Cell, NSS and NCC, Youth Red Cross units are working sincerely in organizing awareness programmes about different feminine issues and are proactive in maintaining gender neutrality in the campus. The gender based issues are also taught as the part of the university curriculum in various departments to make students aware of the need of equitable social conditions. Students gain values and skills which contribute to their holistic development such as: Leadership values, Ethical and moral understanding, Knowledge of solutions, Teamwork, Self-confidence, working under constraints, economic diversity of the society and about the societal needs of the application of their education. The University considers opinions of all stakeholders to formulate the plan of action taking into account the multiple voices irrespective of caste, creed, religion, gender, language. It seeks to provide an inclusive environment where everybody has the freedom to express their views commensurate with the responsibilities to discharge. The university also fosters Indian and other cultures within an environment of respect and cultural awareness by permitting all religious practices. The university focus on community-oriented clean-up activities in line with Swachh Bharat and people-centered celebrations, events such as blood donation camps, gender equity and empowerment, disaster rescue and relief, and other activities that have involved hundreds of students and teachers with their diverse skills and cultures working together for a common cause. Special focus has been given on women's and men's empowerment on campus, as well as activities to scale this up to community outreach in villages. Students & volunteers are oriented about their tasks and the goals to be achieved during their visit to nearby villages to undertake social welfare activities. The University organises sensitization and awareness programmes, international conferences, workshops and other

events to foster tolerance and harmony among themselves and to make the institution a peaceful place for cohabitation & learning. Students are taught respect diverse languages, values, and life experiences. There is a friendliness and amity among students belonging to different socio-economic and cultural strata of the society. The university administration and teaching staff make it a point to motivate students to imbibe the tenets of inclusive growth. Taking all along in their journey for progress is the core value guiding different activities of the university. The Department of Languages organizes various competitions to encourage writing skills of the students and foster scientific temper among them. The university publishes its Annual Magazine every year where students are encouraged to express their views and opinions on various social, educational, economical, environmental, cultural issues in the magazine.

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

7.1.9

Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

The University undertakes various initiatives for sensitizing the students, faculty and other academic and non-academic staff to the constitutional obligations. The values, rights, duties and responsibilities of the students and staff, as mentioned in the constitution, are inculcated. The university celebrated the constitution day on 26th November each year to mark the occasion. The values, rights and responsibilities of citizens as stated in the constitution are elaborated and the contribution, suffering and sacrifice of the freedom fighters are remembered. In various programmes of humanities and social sciences, the constitutional rights and responsibilities have been introduced as courses to create awareness among students about the constitutional obligations and to sensitize the students and employees of their constitutional rights and responsibilities. It maintains students' knowledge, skill, and values by providing an effective, supportive, safe, accessible, and affordable learning environment through education or by conducting different value-based programmes. The students are inspired by participating in different programs related to culture, traditions, values, duties, and responsibilities by inviting prominent people. Additionally some social sciences departments offer "add on" courses, as optional courses, to students of other programmes, on the constitution of India.

The university departments and hostels celebrate the Independence Day and republic day every year. Different cultural programs and events are performed which aim at highlighting the constitutional spirit of liberty, equality, justice and fraternity. Several plays with themes based on freedom fighters are staged to familiarize stakeholders about their struggle and sacrifice these freedom fighters gave for the nation. Moreover, parades and patriotic song competitions are also organized among students to spur the love for

the motherland. On occasion of celebration of 75 years of independence of India, Azadi ka Amrut Mohotsav by NSS cell of the university. In this activity, students and staff actively participated.

The university realizes that value oriented education is the very essence of the vision and mission of our institution that aims towards the holistic development of our students. This objective is realized through introduction of number of core and noncore courses as a part of curriculum. Certain departments, cells, clubs and other units organize structured activities to develop qualities of Character, Secular Outlook, Spirit of Adventure and the ideals of Selfless Service amongst the Youth of the Country and thus prepare the youth for Nation building

Ravenshaw University takes pride in the fact that apart from preparing a sound academic foundation of the student community; the university constantly works upon to develop them as better citizens of the country. In this regard, the University, apart from imparting professional education, inculcates a feeling of oneness among the student community through various practices and programs. Various faculties have always been in the practice of organizing activities that not only initiate but also motivate the students to adopt various practices that promote the “Unity in Diversity” of our motherland. The University ensures that the students participate very enthusiastically in all such activities.

7.1.10

The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

- 1. The Code of Conduct is displayed on the website**
- 2. There is a committee to monitor adherence to the Code of Conduct**
- 3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff**
- 4. Annual awareness programmes on Code of Conduct are organized**

Response: A. All of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View Document
Code of ethics policy document	View Document
Any other relevant information	View Document

7.1.11

Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

The University is committed and dedicated to understanding the importance of national and international commemorative days and observes the same with great vigor and zeal year after year. It believes observing days of national importance promotes a strong work eco-system, and coherence among all stakeholders, and every member of the University is aware and takes pride in the valuable cultural heritage and legacy of the nation. Apart from the celebration of National Days like Independence Day, Republic Day, Constitution Day, and Gandhi Jayanti, Ravenshaw University celebrates important National and International Commemorative Days like Gandhi Jayanti, Netaji Jayanti, National Voters' Day, National/International Youth Day, International Women's Day, International Yoga Day, International Human Rights Day, Teachers' Day, Science Day etc involving both the students and faculty. Also, various Departments of the University organize Seminars, Workshops, Conferences throughout the Year for better dissemination of knowledge and sharing of new ideas and thinking in different fields.

Ravenshaw University celebrates Constitutional Day every year on 26th November to commemorate the adaptation of the Constitution of India. The day highlights the efforts of the makers of constitution. On Independence Day, several activities ranging from flag hoisting, freedom march, patriotic speeches, cultural activities, visit orphanages and many more are organized. Celebration of national integration days spreads the flavour of unity, integrity and oneness. These programs instill patriotism in the students and faculty to honour the freedom fighters. Flag hoisting & Parades are followed by cultural performances & special events engaging students in cleaning the surrounding areas. These activities, while instilling the importance of cleanliness amongst students, also inspires contribution to local community. National Unity Day involves thousands of students and joint events.

The students, staff, and faculty members celebrate each significant festival like Makar Sankranti, Holi, Dussehra, Diwali, Saraswati Puja, Ganesh Puja, Idul- Fitr, Good Friday, and Christmas every year. This includes activities that ensure creating an inclusive, tolerant, enriching, and friendly atmosphere within the University and across both its campuses.

To commemorate the day on which India became Republic various activities are organized by the NSS and NCC Wings of the University. On Independence Day, several activities ranging from flag hoisting, freedom march, patriotic speeches, cultural activities, visit orphanages and many more are organized. To mark the birth anniversary of Mahatma Gandhi and Lal Bahadur Shastri, Gandhi Jayanti and Shastriji's birthdays are celebrated. Various programs are organized to remember the two great icons and their ideologies. Teacher's Day is also organized every year. Several cultural activities are organized by the students where teachers participate actively and network with the students. Jan 12th is celebrated as Youth Day to coincide with the birth anniversary of Swami Vivekananda. International Women's Day is celebrated across Schools on 8th March every year. Besides the above, Bharatya Bhasha Divas on 11th December, Unit Day on 31st October, Cyber Jaagrookta Diwas, Vigilance Awareness Week, Besides these World Tourism Day, Open day (Science Day), World Environment Day, Earth Day, International Yoga Day, International Day of Sign languages is celebrated.

File Description	Document
Geotagged photographs of some of the events	View Document
Any other relevant information	View Document
Annual report of the celebrations and commemorative events for the last five years	View Document

7.2 Best Practices

7.2.1

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

Response:

Best Practice-I

1. Title of the Practice:

Special Digitally Equipped Braille Library Section for Visually Challenged Students.

2. Objectives of the Practice:

The Special Digitally Equipped Braille Library Section for Visually Challenged Students (**Known as Santhakabi Bhima Bhoi Braille Section**) is established in Ravenshaw Centenary Library to provide equitable, inclusive and quality education, information and knowledge to the visually challenged students of the University to achieve the following specific objectives:

- To empower the most vulnerable groups in the world i.e. visually impaired ones by providing affordable and excellent education.
- To create a viable model of opportunities and educational experiences for blind students as those provided for other students.
- To change the stereotyped perception associated with blindness by demonstrating that blind students are equally capable.
- To provide library facilities specifically for the Visually Challenged Students.
- To provide e-resources for learning to visually challenged students.
- To make visually challenged students learn digital and computer skills.
- To provide an enabling atmosphere to visually challenged students for study and research.
- To make visually challenged students access the latest reading materials and resources in Braille format.
- To equip visually challenged students to use the latest **research-based knowledge** for better learning in the classroom.

3. The Context:

Education is considered a fundamental human right, and yet most visually impaired Indians are not able to access this right. Visual impairment creates a cycle of illiteracy, poverty and social exclusion for people, making them one of the most vulnerable groups in the world. Of the 37 million visually impaired population across the globe, over 15 million reside in India, making it home to the world's largest visually impaired population. Access to information has been a major problem for the visually challenged in India. Mostly, the visually challenged in our country depend on two primary sources for their information: Braille Books and audio/talking book services. In the context of the above, an equitable and inclusive educational facilities are required for the visually challenged students.

More than 100 visually challenged students are studying in Ravenshaw University as it provides the state-of-art facilities to the visually challenged students. These students face serious difficulty due to lack of adequate reading materials and resources in Braille. They have to depend on audio resources and taped lectures for their understanding of different topics. To address this problem Ravenshaw University started a unique initiative to digitize text and reference books of all the subjects and make these resources available to visually challenged students through Computers specially equipped with Screen Reading Software (JAWS). The University has a dedicated centre for print facility of such books and other materials through Index Braille Printer.

4. The Practice:

Access to information has been a major problem for the visually challenged in India. The University Grants Commission (UGC) has asked all its affiliated colleges and universities to integrate suitable educational resources and infrastructure for visually impaired students. Further, NEP 2020 has focused on equitable and inclusive education for all. In the above context of higher education in India, **the University has initiated a number steps to provide all the educational facilities to visually challenged students.** The specific practices are as follows.

- Around 20 Computers are installed in Special Cell which is equipped with braille-friendly software to print any books in Braille format as per the requisition of the students.
- Students can convert a normal book to Braille format with the help of Zoom-ex Scanner and Duxberry software installed in the Centre within a very short span of time.
- Print facility of such books and other materials is also available in the Cell through Index Braille Printer.
- The entire Computer installed in the Braille Cell has been equipped with Screen Reader (JAWS Software) along with stereo headphones to listen digital audio books with high-speed internet.
- Students can avail around 16000 various digital audio books of different subjects and 106 numbers of Braille books which includes 62 *Bigyan Diganta* and 162 Braille Times Journals.
- There is screen reader facilities available through various software. The detail can be seen from the university webpage from the link https://ravenshawuniversity.ac.in/?page_id=23954
- Though the above practice is one of its kind in the country still we face certain financial constraints and limitations in further expanding the facilities.

5. Evidence of Success:

- Every year hundreds of visually challenged students are studying through specially equipped computers and being benefitted immensely.
- Hundreds of books have been digitised and made available to visually challenged students.
- 16000 Braille books are available

- A repository of research and academic knowledge (audio lectures, e-content, MOOCs) has been prepared for the benefit of students.
- Because of the above practices all visually challenged students of UG and PG programmes have successfully completed the programme with high percentage of marks.
- Few visually challenged students are also pursuing research degree
- Many visually challenged students have qualified UGC NET and JRF
- Some visually challenged students have also qualified and joined in the state civil services, state education service and other government services.
- Our Braille printing facilities were provided for printing of Braille Ballot Papers for the last two General elections in the State.
- We are also providing Braille facilities to the students of Ravenshaw Higher Secondary School.
- The Braille facilities in the University is the only facility available in the entire state of Odisha and in the country it is also selectively available.
- Because of high-quality facilities and empowerment of visually challenged students at Ravenshaw University, the visually challenged students are playing cricket forming Blind Cricket Team and two player named Nakula Badanayak and Sukhram Majhi are selected and playing for National Blind Cricket Team.

6. Problems Encountered and Resources Required:

- Shortage of high quality trained technicians and human resources for preparing digital Braille materials in large volume.
- Creating academic content to meet students' requirements as a special need.
- Lack of skilled teachers and assistants to address the queries and problems of visually challenged students.
- There is demand for the facilities from the neighbouring college and University students with visual impairment but due to space and resource constraints we are unable to meet their needs.

7. Notes (Optional)

Other Higher Education Institutions (HEIs) may adopt this practice for inclusive and equitable education. The details of such practice of the University can be accessed from the following links.

Barrier Free Campus: https://ravenshawuniversity.ac.in/?page_id=28896

Screen Reader facilities: https://ravenshawuniversity.ac.in/?page_id=23954

Video link: https://iqac-ravenshaw.s3.ap-south-1.amazonaws.com/Criteria-7/7.1.7/7.1.7_Braille_Facilities.mp4

Link Other: https://iqac-ravenshaw.s3.ap-south-1.amazonaws.com/Criteria-7/7.1.7/7.1.7_Support_Upload.pdf

Best Practice-II

1. Title of the Practice: Community Radio Service: Ravenshaw Radio

2.Objectives of the Practice:

Ravenshaw Radio was the first Campus Community Radio (90.4 Mega Hertz) service that is launched to achieve the following objectives:

- To connect students of Ravenshaw University with the local community of Cuttack.
- To provide a platform to students to showcase their creative talents.
- To disseminate information and knowledge to the wider community.
- To make students creatively engaged by making radio programmes related to music, literature, and drama.
- To highlight the unique aspects of local culture and heritage.
- To Conduct awareness programme on various socio-economic issues
- To celebrate of various national day through theme based discussion
- To deliver lecture on various subjects
- To remotely counsel students on various aspect including educational, social, psychological and community based
- To aware on recent trends and developments
- To engage community on various issues

3. The Context:

In the today's mass media and technology driven world, students cannot be confined to four walls of class rooms for information, knowledge, communication and learning within a fixed time frame. Therefore, an innovative and contemporary platform is needed to connect with the student masses beyond the class room for impactful, purposive, educative and self-driven learning outcomes. Community radio is an essential platform that can meet the above need despite the rise of social media. It provides diversity for listeners and skills for the commercial radio sector. Community radio is an important and vibrant sector within broadcasting that is philosophically and structurally distinct from both commercial and public service models. It is student owned and controlled, autonomous from commercial interests and maintains a participatory relationship with its student communities. Community radio practitioners set out to achieve objectives for the communities that they serve and the benefits that accrue to community radio include providing news and information relevant to the needs of the community. In today's world, media houses are dominated by commercial concerns, where even public broadcasting is shaped by commercial pressures, community radio represents a very distinct form of communication. In the above context, Ravenshaw Radio is established to focus mainly on the 10,000-odd students of Ravenshaw University, who form the immediate audience. Students are given a platform to express themselves through debates, interviews, poetry recitation and singing. Besides, Ravenshaw Radio features local issues of concern, particularly those which matter to the inhabitants of Cuttack. Recent programmes on Ravenshaw Radio include issues of mental health, AIDS, local site-specific worries and tragedies, pandemic awareness, drug addiction problems and many more. For detail of the Ravenshaw Radio click https://ravenshawuniversity.ac.in/?page_id=30773

4. The Practice:

Ravenshaw Radio caters to the student population in and around Ravenshaw University. At Ravenshaw Radio, the programme schedules are pre-planned and the event calendar is meticulously followed. Hundred numbers of students participate both as host and participants. All the programmes are thoroughly scrutinized by the designated station manager on the basis of the relevance and benefits of the

programmes for the student and community in general. It broadcasts programmes for 4 hours every day on various issues, challenges, and perspectives of contemporary relevance to students. The Radio has been receiving steady support from sponsors such as UNICEF India, Radio Surabhi, Khadi & Village Industries Commission. It focus mainly on the 10,000-odd students of Ravenshaw University, who form the immediate audience. Students are given a platform to express themselves through debates, interviews, discussion, poetry recitation and singing. Besides, Ravenshaw Radio also features major global and national issues including local issues of concern, particularly those which matter to the inhabitants of Cuttack. Recent programmes on Ravenshaw Radio include issues of mental health, AIDS, local site-specific worries and tragedies, pandemic awareness, drug addiction problems, management of examination stress and many more. The community radio has hosted hundreds of programmes related to educative, awareness, discussion, and talk on various socio-economic issues.

5. Evidence of Success:

The success of this practice is self-evidence from the hundreds of Ravenshaw Radio programme that have gained momentum and media attention with events such as "Voice of Ravenshaw" singing competition and a couple of live broadcasts (commentaries) of Rath Yatra and a cricket match played at Cuttack. Ravenshaw Radio has become one of the most popular radio channels that plays on 90.4 Mega Hertz and is listened to by thousands of listeners in and around 10-kilometre radius of the University. Ravenshaw Radio has successfully conducted more than 55 programmes including 25 invited talks, 11 programmes on national and international day observations, 16 awareness programmes, and three educational programmes within last one year. Several eminent personalities including academicians, social workers, journalists, public servants and freelancers have attended the programmes and students have been enlightened by their wisdom and knowledge. Hundreds of students have participated both as host and participants in various programme that have impacted in upgrading their communication skill, presentation, interpersonal skill, personality development and awareness on recent trends related socio-economic issues and therefore the programmes have acquired wide popularity among the listeners and particularly students community of the University. The students of the University also participated as radio jockeys and contributed extensively in content production process. The success of the practice is assured with the overall personality, and communication skill of the students.

6. Problems Encountered and Resources Required

- To expand the existing studio space to accommodate the growing demand of the students.
- Upgradation of existing equipment with the latest advanced technology
- Resource constraint to host programmes 24*7
- Upgradation of the radio station with modern amenities and facilities
- Creation of more academic content to meet students' requirements

7. Notes (Optional)

Ravenshaw Radio is the first educational campus based community radio station in Odisha and it is also the only radio station in public University in Odisha. The community radio is benefitting thousands of students and the same practice may be replicated by other educational institutions for the benefit of students and sharing of information and knowledge.

File Description	Document
Best practices in the Institutional web site	View Document
Any other relevant information	View Document

7.3 Institutional Distinctiveness

7.3.1

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

Response:

Following the devastating famine of 1866, Ravenshaw was established as Ravenshaw College by TE Ravenshaw in January 1868, maintained itself as a premier higher education institution of the state and was upgraded to unitary university status in November 2006. Adhering to its slogan “*Jnanameva Shakti*” (Knowledge is Power), and following The quote “Education is the realization of best in a human being-in mind, body and spirit” of Mahatma Gandhi, it has been the institution for learning from the pre-independence era and for past 154 years it is a part of the great heritage of modern Odisha. To the people of the state it is not just an educational institution, but a source of great pride for being the centre for generating reputed administrators, scientists, educationists, politicians and philanthropist. More than a century down the lane, the mighty monumental building, founded in 1919 by Sir E. Gait, had fulfilled the hopes of everyone in the state and is still catering to the education needs of students, with expansion over the years.

Unlike other higher educational institutions of the state, Ravenshaw University has the distinction of being the first choice with students coming from almost all districts of the state as well as from the neighbouring states like Jharkhand, West Bengal, Chhatisgarh and north eastern states. The UG and PG programmes of the university are not restricted to classroom teaching but to the practical exposure of students to field study, project based papers, and field experience through well designed outreach programmes. The university takes its institutional social responsibility and extension activities very seriously. Through the NCC, NSS, youth red cross, Ravenshaw Radio and various societies and clubs, the students, staff and faculty regularly undertake adult literacy, afforestation, gender issues, community health, national integration and the related programs within and outside the campus. Through regular interaction with NGOs and grassroots organizations dedicated to the empowerment of marginalized sections of society, the students, faculty and staff are sensitised to key socio- economic challenges, and also get the opportunity to think about creative solutions to their problems. Socially meaningful actions are regularly carried out with the help of bodies such as the different student societies (e.g., Science Society, Commerce Society, Social Science Society and the Film Society), the National Cadet Corps (NCC), National Service Scheme (NSS), and the DSW’S office.

In the recent past, our students have rendered exemplary service for the campus community and the neighbourhood population through adult literacy and afforestation programmes. By active engagement of students through NCC, NSS, Yoga society, Drama and film society, Youth red cross and various off campus agencies, Ravenshaw has organized 144 outreach programmes. In collaboration with Health and family welfare Department, Govt. of Odisha, Rotary Club, Indian Meteorological department, Cuttack

Municipal Corporation, Sri Aurobindo Foundation, HDFC Bank, AIIMS, Bhubaneswar and many NGOs, the student bodies, clubs, societies of Ravenshaw have got exposure to the communities and serve the community needs as far as practicable. About 30 numbers of blood donation camps have been organized in last 5 years, in which the students and staff have donated their bloods. The camps have been organized by the university departments as well as different hostels.

Students organized relief camps for cyclone, floods and other natural calamities. Visits to Orphanages and other Charitable Institutions to understand the societal issues and support the inmates. Taking online classes for under privileged school children of rural and tribal dominated areas. The Department of geography with sponsorship from Department of Science and Technology, Government of India (DST-India) has created Geo-spatial database for Urban local body (i.e., Cuttack Municipal Corporation) while the Department of Zoology with Department of Biotechnology, Government of India (DBT-India) undertook 8 technical session to train fish farmers of Cuttack and Jagatsinghpur district on fresh water pearl culture as a mode of composite farming.

Several programs viz. Green campus – clean campus, Polythene free campus, Public Health Hygienic, Covid19 awareness, cleanness of railway station were organised by NSS volunteers and NCC students. Ravenshaw University has adopted a few villages with an aim to contribute towards the education, health, hygiene and socio-economic growth of the village communities. The students and faculty of departments visit the adopted villages on a regular basis to provide basic awareness, training on health and hygiene, public health concerns, health and nutrition, skill development and education.

The students and faculty members participate in various programs for overall wellness such as – Fitness camp, Eye-Check-up camps, Yoga sessions, Spiritual wellness leading to a purposeful holistic life. Yoga sessions are organized on regular basis and are monitored by trained Yoga instructors. The university health centre regularly arranges specific health checkup events and above all was a centre for COVID 19 vaccination on behalf of the local administration.

The faculty and students are engaged in community services and involve themselves in for social services. The students and staff have voluntary engagement in plantation, water conservation, rain water harvesting and ground water recharge, use of solar energy, etc. Besides, our students serve as traffic volunteers for the city and help in maintaining law and order during the historic *Baliyatra* observed annually in the city. NSS and NCC have active participation in community health education and management, Azadiki Amrit Mahoschav, Polythene free campaign, Adult Education Programmes, etc.

Ravenshaw Radio (Regd. No. : FMCR-153/1+1; 90.4 FM) is Odisha's first Campus Community Radio Station, launched on April 14, 2011, and is engaged since then launching various awareness programs such as weather prediction, Traffic control, Livelihood generation, discussions, extra-mural lectures by experts and panel discussions are organised through Ravenshaw Radio (<https://ravenshawuniversity.ac.in/wp-content/uploads/2021/08/Fixed-point-Chart-1.pdf>). In addition, the environment consciousness activity including discussion on Climate change, environmental Pollution and hazards, managed use of Fossil fuel, crop management and cultivation, and community health are also carried out. During last five years, Ravenshaw Radio has organized lectures and discussions on National Science Day, World Environment Day, International Women's Day, Society and Gender, and Mental health under COVID19 pandemic and has become the laboratory for the students pursuing PG in Journalism and Mass communication.

File Description	Document
Any other relevant information	View Document
Appropriate web in the Institutional website	View Document

5. CONCLUSION

Additional Information :

The government of Odisha has permitted and given land for the second campus of the University and the second campus is almost ready for academic activities. So the university is now spread over two campuses: the city campus, of about 81 acres, is the main activity campus housing most of the academic programmes. The second campus, spreading in about 126 acres is coming up with new applied courses and courses and programmes with skill and industry connect. The grand hall of this institution was a theatre of history: on the 1st of April'1936 it was the venue for the declaration of Odisha as a separate province and housed the State's first legislative assembly, till it was shifted to Bhubaneswar. During Quit India Movement of 1942, the students of this institution brought down the Union Jack as a mark of nationalistic fervour. Considering its great heritage, the Institution has been awarded National Honour by the Government of India through the issue of a commemorative stamp in 1978. The Kanika library is the largest in Orissa. Not only is this Institution an epitome of learning but also a piece of unique Victorian architecture in the country.

Concluding Remarks :

Ravenshaw University as a historic premier public University of the state is committed for creation and dissemination of knowledge through affordable and quality higher education for all levels of the people in the society. Hiring its long legacy of higher learning since its inception as the first collage of the state, the University is maintaining its academic excellence of its past, keeping pace with the contemporary expansion of knowledge patterns and moves towards a better and promising future.

The University has adequate infrastructure for accommodating growing aspirations and requirements of the students, adding more laurels in terms of space and logistics in regular basis. The University houses some unique infrastructural marvels, top notch technical laboratories that make it a distinct and unique institution in the country. The library system is one of the best in its category.

The Syllabus and curriculum of the University is updated in time to keep it at place with national and international development. The placement of the students, is therefore, at its zenith in comparisons to its peer institution. No wonder, therefore, the first choice of students' of the state goes to this University down the years.

The University is committed for its social responsibility in catering large numbers of differently abled students by providing them free quality education; a state of the art braille centre is a milestone in this regard. Ravenshaw Radio, the community radio, fully managed by students is one of its kind. University has developed robust hostel system for outstation system in a very affordable rate so that higher education can reach far away. It is said that the history of modern Odisha is the history of Ravenshaw. To keep this wheel running, the university turns no stone unturned to make higher education a catalyst for social change. Students at Ravenshaw are carefully blossomed into a holistic, responsible citizen by its high academic credentials, dedicated faculty, robust proctorial system, adequate and awesome infrastructure, social as well as critical outlook.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.3.3	<p>Average Percentage of students enrolled in the courses under 1.3.2 above.</p> <p>1.3.3.1. Number of students enrolled in value-added courses imparting transferable and life skills offered year-wise during the last five years.</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>5866</td> <td>0</td> <td>0</td> <td>3269</td> <td>3542</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>3526</td> <td>0</td> <td>0</td> <td>3269</td> <td>3542</td> </tr> </tbody> </table> <p>Remark : Input edited as per supporting documents</p>	2021-22	2020-21	2019-20	2018-19	2017-18	5866	0	0	3269	3542	2021-22	2020-21	2019-20	2018-19	2017-18	3526	0	0	3269	3542
2021-22	2020-21	2019-20	2018-19	2017-18																	
5866	0	0	3269	3542																	
2021-22	2020-21	2019-20	2018-19	2017-18																	
3526	0	0	3269	3542																	
2.3.3	<p>Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)</p> <p>2.3.3.1. Number of mentors ?????????????? ???????</p> <p>Answer before DVV Verification : 283</p> <p>Answer after DVV Verification: 160</p> <p>Remark : Input edited as per metric 3.2</p>																				
3.6.4	<p>Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years</p> <p>3.6.4.1. Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>25383</td> <td>4942</td> <td>8416</td> <td>8038</td> <td>7904</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>7965</td> <td>4942</td> <td>7734</td> <td>6925</td> <td>6554</td> </tr> </tbody> </table>	2021-22	2020-21	2019-20	2018-19	2017-18	25383	4942	8416	8038	7904	2021-22	2020-21	2019-20	2018-19	2017-18	7965	4942	7734	6925	6554
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7965	4942	7734	6925	6554																	
4.1.4	<p>Average percentage of expenditure for infrastructure augmentation excluding salary during the last five years (INR in Lakhs)</p>																				

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
2497	2565	1430	872	1499

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
2497.00	2565.00	1430.00	872.00	1499.00

Remark : Input edited as expenditure should be in lakhs only

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
1980	1697	1225	937	800

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
1980.00	1697.00	1225.00	937.00	800.00

Remark : Input edited as expenditure should be in lakhs only

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).**6.3.4.1. Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise during last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
155	129	53	52	57

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18

99	113	43	40	40
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Remark : Input edited as FDP programs of duration less than 5 days can not be considered.

2.Extended Profile Deviations

ID	Extended Questions																				
1.5	<p>Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>4449</td> <td>4408</td> <td>3767</td> <td>2062</td> <td>2720</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>4449.00</td> <td>4408.00</td> <td>3767.00</td> <td>2062.00</td> <td>2720.00</td> </tr> </tbody> </table>	2021-22	2020-21	2019-20	2018-19	2017-18	4449	4408	3767	2062	2720	2021-22	2020-21	2019-20	2018-19	2017-18	4449.00	4408.00	3767.00	2062.00	2720.00
2021-22	2020-21	2019-20	2018-19	2017-18																	
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