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

Response:

Palamuru University is in the process of augmenting and upgrading research facilities. Central Research facility is envisaged to evolve an ecosystem for creation and dissemination of knowledge and to facilitate campus wide interdisciplinary research pursuits on a coordinated basis. This integrated facility to be housed in a spacious building comprising high-end laboratories, state-of-the-art equipment, sophisticated instrumentation, testing and analytical services will give big boost to sponsored research and consultancy.

There is impetus for this development in view of introduction of Doctoral Programmes in more number of Subjects and sanction of funding from RUSA in the post accreditation phase for enhancement of research facilities. Promotion of Research is also envisaged as a vehicle for enhancing Industry-Institute interaction.

The University has formulated Research Policy in furtherance of advancement of knowledge. This helps the University to coordinate the research pursuits by individual faculty and set norms for undertaking sponsored research in the form of research projects from National Funding Agencies and through Industry and International Collaborations. Research Policy lays emphasis on generation and promotion of intellectual capital through patents and IPR. The Policy seeks to check the menace of misconduct and Plagiarism in research and give impetus to ethical academic publishing. This way, Research Policy also provides guidance to the Faculty, Research Scholars and Students in good academic research practices.

Research Policy of the University is uploaded on the Website. Research Advisory Committee (RAC) has been constituted for effective implementation of University Research Agenda. In pursuance of Research Policy, the University has taken up the preparation of action plan for research admissions during the academic session 2021-22. In the wake of this, necessary preparations have been envisaged for hybrid mode of conduct of Ph.D. admissions.

The action plan has helped the University administration as a guide to action in this specific situation. The University seeks to foster a research culture that is more accessible, transparent and reproducible.

The University is registered with UGC-INFLIBNET for compliance with Shodh Ganga, (for uploading Doctoral dissertations) Shodh Gangotri (for uploading Doctoral research proposals) and Shodh Shudhi (for availing antiplagiarism software to ensure academic integrity).

File Description	Document
Upload COs for all courses (exemplars from Glossary)	[View Document](#)
Provide links as Additional Information	[View Document](#)

3.1.2

The institution provides seed money to its teachers for research (average per year)

Response: 0.58

3.1.2.1 **Amount of seed money provided by institution to its teachers for research year wise during last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
2.25	0.5	0.15	0	0

File Description	Document
Sanction letters of seed money to the teachers is mandatory	[View Document](#)
List of faculty who have been provided with seed money for research along with the title of the project, duration and amount year-wise	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Audited Income-Expenditure statement highlighting the expenditure towards seed money endorsed by the Finance Officer	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[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: 0

3.1.3.1 **Number of teachers who received national/ international fellowship/financial support from**

various agencies, for advanced studies / research; year-wise during the last five years

File Description	Document
List of teachers who have received the awards along with the nature of award, the awarding agency etc.	**View Document**
Institutional data in the prescribed format (data template)	**View Document**
E-copies of the award letters of the teachers.	**View Document**
Provide Links for any other relevant document to support the claim (if any)	**View Document**

3.1.4

Percentage of JRFs, SRFs among the enrolled PhD scholars in the institution during the last five years

Response: 13.95

3.1.4.1 **The Number of JRFs, SRFs among the enrolled PhD scholars in the institution during the last five years**

Response: 6

3.1.4.2 **Number of PhD Scholars enrolled during last five years**

Response: 43

File Description	Document
List of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows along with the details of the funding agency is to be provided.	**View Document**
Institutional data in the prescribed format (data template)	**View Document**
E copies of fellowship award letters (mandatory)	**View Document**
Provide Links for any other relevant document to support the claim (if any)	**View Document**

3.2 Resource Mobilization for Research

3.2.1

Total Grants research funding received by the institution and its faculties through Governme006Et and non-government sources such as industry, corporate houses, international bodies for research project, endowment research chairs during the last five years (INR in Lakhs)

Response: 64.36

File Description	Document
List of Extramural funding received for research, Endowment Research Chairs received during the last five years along with the nature of award, the awarding agency and the amount.	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
E-copies of the letters of award for research, endowments, Chairs sponsored by non-government sources	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.2.2

Number of research projects per teacher funded by government, non-government , industry, corporate houses, international bodies during the last five years

Response: 0.03

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

Response: 05

File Description	Document
List of project titles with details of Principal Investigator, amount sanctioned and sanctioning agency etc.	[View Document](#)
Institutional data in the prescribed format (data template merged with 3.2.1)	[View Document](#)
E-copies of the grant award letters for research projects sponsored by government agencies.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.3 Innovation Ecosystem

3.3.1

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

Response:

Palamuru University is stepping up efforts to give shape to its research portfolio and evolve an ecosystem for creation and transfer of knowledge in furtherance of its mission. The University is actively pursuing the setting up of incubation centre on the campus for channelling entrepreneurial initiatives and promoting start-ups to cater to wider opportunities, with the support of the neighbouring Pharma Industry. As a part of this, university has approached Pharma majors such as MSN Labs and Hetero Labs, Hyderabad for handholding.

The University is giving impetus for creation and transfer of knowledge. The faculty are involved in the preparation of educational videos in different subjects for uploading on YouTube and other Educational Channels for wider dissemination of knowledge. Department of Telugu is extending support for content creation in Indian Languages (Telugu). Department of English is associated with the organization of a unique exhibition for popularization of extinct traditional folk music instruments (Moola Dhwani) in collaboration with University of Hyderabad and Osmania University.

Intellectual Property Rights (IPR) Cell has been established for orienting the faculty regarding technological innovations, IPR and filing of patents. This Cell has been organizing awareness programmes in collaboration with Department of Science & Technology Govt. of India and Telangana State Council of Science & Technology. Four such programmes have been conducted on 10-03-2022, 21-03-2023, 14-09-2023, 30-03-2024. A beginning has been made in this direction and the University has successfully filed one patent.

University Industry Cell has also been established to forge research collaboration with Industry, NGOs, and Research Institutions and facilitate student internships, project placement and job prospects. MoUs have been concluded with Institute of Cost and Works Accountants - ICWA (09-09-2021) Institute of Company Secretaries of India - ICSI, and Telangana Academy of Skill & Knowledge – TASK.

Consultancy portfolio is given concrete shape through establishment of Consultancy Cell. It facilitates sharing and transfer of faculty expertise towards augmentation of University revenue and resources. Consultancy Policy has been formulated as a guide to action and for promotion of industry-Institution interaction. Faculty are encouraged to take up consultancy projects in furtherance of this objective. Consultancy policy is uploaded on the university Web site.

File Description	Document
Upload any additional information	[View Document](#)
Link for Additional Informationa	[View Document](#)

3.3.2

Total number of awards received for *research/*innovations by institution/teachers/research scholars/students during the last five years

Response: 15

File Description	Document
Institutional data in the prescribed format (data template)	[View Document](#)
e- Copies of award letters issued by the awarding agency	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.4 Research Publications and Awards

3.4.1

The institution ensures implementation of its stated Code of Ethics for research

The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following:

1. **Inclusion of research ethics in the research methodology course work**
2. **Presence of institutional Ethics committees (Animal, chemical,bio-ethics etc.,)**
3. **Plagiarism check through sofware**
4. **Research Advisory Committee**

Response: A. All of the above

File Description	Document
Institutional data in the prescribed format (data template)	[View Document](#)

3.4.2

Total number of Patents awarded during the last five years

Response: 15

File Description	Document
Patents granted / published in the name of the faculty with the institutional affiliation to the university working during the assessment period only to be given.	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
e-copies of letter of patent grant	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.4.3

Number of Ph.Ds awarded per recognized guide during the last five years

Response: 0.62

3.4.3.1 **How many Ph.D s were awarded during last 5 years**

Response: 13

3.4.3.2 *Number of teachers recognized as guides during the last five years*

Response: 21

File Description	Document
PhD Award letters to PhD students.	[View Document](#)
Letter from the university indicating name of the PhD student with title of the doctoral study and the name of the guide.	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.4.4

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

Response: 1.86

3.4.4.1 Number of research papers published in the Journals as notified on UGC CARE list during the last five years

Response: 321

File Description	Document
List and links of the papers published in journals listed in UGC CARE list and	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Link re-directing to journal source-cite website in case of digital journals	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)
Link to the institutional website where the first page/full paper (with author and affiliation details) is published	[View Document](#)

3.4.5

Number of books and chapters in edited volumes published per teacher during the last five years

Response: 0.42

3.4.5.1 **Total Number of books and chapters in edited volumes published during the last five years**

Response: 72

File Description	Document
List of chapter/book with the links redirecting to the source website	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
E-copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.4.6

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 initiative
6. For institutional LMS

Response: B. Any 4 of the above

File Description	Document
Supporting documents from the sponsoring agency for the e- content developed by the teachers need to be provided.	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Give links to upload document of e-content developed showing the authorship/contribution	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.4.7

Bibliometrics of the publications during the last five years based on average Citation index in Scopus/ Web of Science

Response: 5.57

File Description	Document
Bibliometrics of the publications during the last five years	[View Document](#)

3.4.8

Bibliometrics of the publications during the last five years based on Scopus/ Web of Science – h-index of the Institution

Response: 17

File Description	Document
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	[View Document](#)

3.5 Consultancy

3.5.1

Revenue generated from consultancy and corporate training during the last five years

Response: 0.23

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

2022-23	2021-22	2020-21	2019-20	2018-19
0.225	0	0	0	0

File Description	Document
Letter from the corporate to whom training was imparted along with the fee paid	[View Document](#)
Letter from the beneficiary of the consultancy along with details of the consultancy fee.	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
CA certified copy of statement of accounts as attested by head of the institution.	[View Document](#)
Audited statements of accounts indicating the revenue generated through and corporate training/consultancy.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.6 Extension Activities

3.6.1

Outcomes of extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues and holistic development, and awards received if any during the last five years (Showcase at least four case studies to the peer team)

Response:

Extension and outreach activities are the vehicle for Institutional Social Responsibility (ISR). Palamuru University has accorded due priority to this third dimension of higher education. The University is in

forefront in taking up a number of initiatives in this direction through curricular interventions as well as through NSS programmes.

The University has been successful in sensitizing the students to societal concerns and instilling in them a sense of purpose and social responsibility to contribute to the community well-being through these structured avenues.

There is active involvement of students as well as faculty across all the academic programmes of the University in these Nation building pursuits. Curricular requirements are harmoniously incorporated into NSS special camps organised from time to time wherein there is provision for multi departmental involvement and collaboration.

These have facilitated rendering of value-based services to the local population including urban community and provided opportunities for addressing the specific societal concerns such as cleanliness (through **Swachh Bharath Abhiyan**), Greenery (through **Tree Plantation**) Electoral Participation (through **Voter Awareness Programmes**), Livelihood Promotion (facilitating distribution of **Cycles & Sewing Machines**), Health Promotion (through **Blood Donation Camps**, and facilitating **Free Distribution of Medicines**), and awareness campaign on other social issues. The concern and commitment of the students and their contribution to community reconstruction has been demonstrated in ample terms through the said extension & outreach interventions.

- Specific mention needs to be made to the active involvement of NSS in conducting Voter Awareness Programmes under the auspices of SVEEP, Mahabubnagar for the wider outreach (inclusivity of Transgenders and Senior Citizens) on 21-09-2018, 17-11-2018, and during April 2024.
- NSS of Palamuru University has also been in fore front in giving a big push to Swachatha Abhiyan through massive cleaning programmes at public places in Mahabubnagar on 14 -2-2022 and 24-11-2023.
- NSS has been facilitating Women Empowerment and Livelihood Promotion through distribution of Cycles and Sewing Machines to the needy women with handholding from Rotary Global Championship and Rotary Club of North Hyderabad on 17-09-2022.
- NSS has demonstrated its deep social commitment through the unique interventions of conduct of Mega Medical Health Camps at Bourapur Village on 04-08-2021, Zamistanpur village on 07-04-2022 including Blood Donation Camp at the Campus with support from Indian Red Cross Society, Mahabubnagar on 01-10-2021.

Extension initiatives have opened up a new window of service learning through community engagement for the students. The immersive learning experience in real world settings amid addressing live concerns has substantially contributed to broadening of perspectives, personality development, value orientation and inculcation of research culture among the students. The synergy of such participation has been valuable for the university.

NSS has been the backbone in the initiation and sustenance of the flagship programme of One Lakh Tree Plantation at the main Campus for which the University is conferred with **ONE DISTRICT ONE GREEN CHAMPION** Award.

This way, the University has been able to create positive impact and gain respectability and visibility among the neighbouring communities and villages including Palamuru Town through such purposeful

NSS interventions.

File Description	Document
Upload any additional information	[View Document](#)
Provide the link for additional information	[View Document](#)

3.6.2

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

Response: 148

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

2022-23	2021-22	2020-21	2019-20	2018-19
55	44	27	05	17

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

3.7 Collaboration

3.7.1

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

Response: 06

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	[View Document](#)
List of year wise activities and exchange should be provided	[View Document](#)
List and Copies of documents indicating the functiona MoUs/linkage/collaboration activity-wise and year-wise	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)