**Criterion III – Research, Innovations and Extension**

1. ***Policy for promotion of research.***
2. Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption to be provided.
3. URL of Policy document on promotion of research uploaded on website.
4. ***The institution provides seed money to its teachers for research.***
5. The amount of seed money provided by institution to its faculty year wise during the last five years(INR in lakhs) :

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year** | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 |
| **INR in lakhs** |  |  |  |  |  |

1. List of teachers receiving grant and details of grant received as per data template 3A to be provided.
2. Minutes of the relevant bodies of the University to be provided.
3. Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized.
4. Sanction letter of seed money to the faculty to be provided.
5. ***Teachers awarded international fellowship for advanced studies/ research during the last five years***
6. The number of teachers awarded international fellowship for advanced studies / research year wise during the last five years as under:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year** | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 |
| **Number of teachers** |  |  |  |  |  |

1. E-copies of the award letters of the teachers to be provided.
2. List of teachers awarded international fellowship for advanced studies/ research during the last five years to be provided as per data template 3B.
3. ***Information regarding JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows in the university enrolled during the last five years.***
4. The Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows in the university enrolled year wise during the last five years as under:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year** | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 |
| **Number** |  |  |  |  |  |

1. Details of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows in the University enrolled during the last five year as per Data template 3C.
2. ***University has the following facilities***
3. Central Instrumentation Centre.
4. Animal House/Green House / Museum.
5. Central Fabrication facility.
6. Media laboratory/Business Lab/Studios.
7. Research/Statistical Databases.

**Options:**

1. Any four facilities exist
2. Three of the facilities exist
3. Two of the facilities exist **Opt one**
4. One of the facilities exists
5. None of the facilities exist
6. Provide the list of facilities provided by the university and their year of establishment as per Data template 3D.
7. Provide link of videos and geo-tagged photographs.
8. ***Departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other similar recognitions by government agency (current year data: 2017-18).***
9. E copies of recognition /grant award letters to be provided.
10. Departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other similar recognitions by government agency as per data template 3E to be provided.
11. ***Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution during the last five years.***
12. 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) as under:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year** | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 |
| **INR in Lakhs** |  |  |  |  |  |

1. List of project and grant details as per Data Template 3F to be provided (Common for point 7,8 and 9).
2. E-copies of the grant award letters for research projects sponsored by non-government agencies to be provided.
3. ***Grants for research projects sponsored by the government sources during the last five years.***
4. Total Grants for research projects sponsored by the government sources year wise during the last five years (INR in Lakhs) as under:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year** | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 |
| **INR in Lakhs** |  |  |  |  |  |

1. List of project and grant details as per Data Template 3F to be provided (Common for point 7,8 and 9).
2. E-copies of the grant award letters for research projects sponsored by government to be provided.
3. ***Research projects per teacher funded by government and non-government agencies during the last five years.***
4. Number of research projects funded by government and non-government agencies during the last five years:
5. Number of full time teachers worked in the institution during the last 5 years as under:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year** | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 |
| **Number** |  |  |  |  |  |

1. Link of funding agency to be provided.
2. Supporting document from Funding Agency to be provided.
3. ***Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge.***
4. Describe available incubation centre and evidence of its usage (activity) within a maximum of 500 words.
5. Provide activity proofs.
6. ***Workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years.***
7. Total number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year wise during the last five years as under:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year** | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 |
| **Number** |  |  |  |  |  |

1. Report of the event (seminar/workshop) to be provided.
2. List of workshops/seminars during last 5 years as per data template 3G to be provided. Only activities with a bearing on Intellectual Proper Rights, Innovation practices, and Industry- academia initiatives to be considered here.
3. Any additional information.
4. ***Awards for innovation won by institution/teachers/research scholars/students during the last five years.***
5. Total number of awards for innovation won by institution/teachers/research scholars/students year wise during the last five years as under:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year** | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 |
| **Number** |  |  |  |  |  |

1. Copies of award letters to be provided.
2. List of innovation and award details to be provided as per data template 3H. Awards for innovation only to be considered here. This should not include patents.
3. ***Start-Ups incubated on campus during the last five years.***
4. Total number of start-ups incubated on campus year wise during the last five years as under:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year** | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 |
| **Number** |  |  |  |  |  |

1. List of start-ups details like name of start-up, nature, year of commencement etc. to be provided as per data template 3I.
2. Sanction order of the University for the Start-ups on campus to be provided.
3. Supporting document in favour of start-ups with company registration details, and incubation details mentioning the facilities extended by the institution to the company to be provided.
4. ***The institution has a stated Code of Ethics to check malpractices and plagiarism in Research.***
5. Institutional data in prescribed format as per data template 3J to be provided.
6. ***The institution provides incentives to teachers who receive state, national and international recognition/awards.***
7. ***Patents published/awarded during the last five years.***
8. Total number of  Patents published/awarded year wise during the last five years as under:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year** | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 |
| **Number** |  |  |  |  |  |

1. Copies of the letters of awards and unique patent number which can be cross-verified to be provided.
2. List of patents and year it was awarded/published as per data template 3K to be provided.
3. ***Ph.D.’s awarded per teacher during the last five years.***
4. How many Ph.D.’s are awarded within last 5 years? (Provide a number)
5. Number of teachers recognized as guides during the last five years:
6. URL to the research page on University web site to be provided.
7. List of PhD scholars and their details like name of the guide, title of thesis, year of award etc. as per data template 3L to be provided.
8. PhD Award letters of students and Guideship letters of research supervisor to be provided. Number of PhD awarded (not-ongoing) under every eligible research guide working as faculty in the institution to be considered.
9. ***Research papers per teacher in the Journals notified on UGC website during the last five years***
10. Number of research papers in the Journals notified on UGC website during the last five years as under:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year** | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 |
| **Number** |  |  |  |  |  |

1. List of research papers by title, author, department, name and year of publication as per data template 3M to be provided.
2. ***Books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the last five years***
3. Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year wise during the last five years as under:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year** | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 |
| **Number** |  |  |  |  |  |

1. List books and chapters in edited volumes / books published as per data template 3N.
2. ***Bibliometrics of the publications during the last five years based on average Citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index.***
3. BiblioMetrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index as per data template 3O.
4. ***Bibliometrics of the publications during the last five years based on Scopus/ Web of Science – h-index of the Institution***
5. Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the University as per data Template 3P.
6. ***Institution has a policy on consultancy including revenue sharing between the institution and the individual (Yes/No)***
7. Minutes of the Governing Council/ Syndicate/Board of Management related to consultancy policy to be provided.
8. Copy of the Consultancy Policy to be provided.
9. URL of the consultancy policy document upload on University website to be provided.
10. ***Revenue generated from consultancy during the last five years (INR in Lakhs).***
11. Total amount generated from consultancy year wise during the last five years (INR in lakhs) as under:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year** | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 |
| **INR in lakhs** |  |  |  |  |  |

1. List of consultants and revenue generated by them as per data template 3Q to be provided.
2. Audited statements of accounts indicating the revenue generated through consultancy to be provided.
3. ***Revenue generated from corporate training by the institution during the last five years (INR in Lakhs)***
4. Total amount generated from corporate training by the institution year wise during the last five years (INR in lakhs)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year** | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 |
| **INR in lakhs** |  |  |  |  |  |

1. List of teacher consultants and revenue generated by them as per data template 3R to be provided.
2. Audited statements of account indicating the revenue generated through training to be provided.
3. CA certified copy attested by head of the institute.
4. Detailed program report for each training program to be provided, with specific mention of number of candidates trained and amount generated.
5. Extract of Statement of account duly signed by the Finance officer indicating the amount generated by such programs to be provided.
6. ***Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years***
7. Describe the impact of extension activities in sensitising students to social issues and holistic development within a maximum of 500 words.
8. ***Awards and recognition received for extension activities from Government /recognised bodies during the last five years.***
9. Total number of awards and recognition received for extension activities from Government /recognised bodies year wise during the last five years as under\*:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year** | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 |
| **Number** |  |  |  |  |  |

1. Number of awards for extension activities in last 5 years as per data template 3S to be provided\*.
2. Copy of the award letters to be provided\*.

**\*These awards are to the institution and not to the individual and for extension activities only.**

1. ***Extension and outreach Programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/YRC etc., during the last five years***
2. Number of extension and outreach Programmes conducted in collaboration with industry, community and Non-Government Organisations through NSS/NCC/Red cross/YRC etc., year wise during the last five years as under:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year** | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 |
| **Number** |  |  |  |  |  |

1. Number of extension and outreach Programmes conducted with industry, community etc for the last five years as per data template 3T.
2. Detailed program report for each extension and outreach program should to be provided.
3. Photographs or any supporting document in relevance. Can be supplemented with Newspaper reports of events.
4. ***Students participating in extension activities with Government Organisations, Non-Government Organisations and Programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years.***
5. Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and Programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year wise during the last five years as under:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year** | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 |
| **Number** |  |  |  |  |  |

1. Detailed program report for each extension and outreach program to be provided.
2. Average percentage of students participating in extension activities with Govt. or NGO etc as per data template 3U.
3. ***Collaborative activities for research, faculty exchange, student exchange per year.***
4. Total number of Collaborative activities for  research, faculty exchange, student exchange year wise during the last five years as under:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year** | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 |
| **Number** |  |  |  |  |  |

1. Copies of collaboration/related documents to be provided.
2. Documentary evidence/agreement in support of collaboration to be provided.
3. Number of Collaborative activities for research, faculty etc as per data template 3V to be provided.
4. ***Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the last five years.***
5. Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years as under\*:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year** | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 |
| **Number** |  |  |  |  |  |

1. Copies of linkage related documents indicating the start date and completion date to be provided\*.
2. Details of linkages with institutions/industries for internship as per data template 3W\*.

**\*These linkages is exclusively for internship, on-the job training, project work, sharing of research facilities etc only. The same will not be counted for point 31.**

1. ***Functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. during the last five years (only functional MoUs with ongoing activities to be considered).***
2. Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the last five years as under\*:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year** | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 |
| **Number** |  |  |  |  |  |

1. Copies of the MoU’s with institution/ industry/ corporate house, indicating the start date and completion date to be provided\*.
2. Details of functional MoUs with institutions of national, international importance, other universities etc. during the last five years as per data template 3X to be provided\*.

**\*The MoU should be functional during the assessment period.**