PROFORMA PSF-XI

**IDENTIFICATION OF KEY Laboratories BY PAKISTAN SCIENCE FOUNDAION**

1. **University / Organization: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
2. **Major Field of Research Laboratory:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. **Department: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
4. **Address of Laboratory:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. **Year of Establishment: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
6. **In-charge of Laboratory:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**\_\_\_\_\_\_\_\_\_\_**
7. **Contact Detail:**

 **Landline: \_\_\_\_\_\_\_\_\_\_\_ Cell No.: \_\_\_\_\_\_\_\_\_ Fax: \_\_\_\_\_\_\_\_\_\_\_\_ email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **Website: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **Available Equipment:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Name of Equipment** | **Made in** | **Model** | **Quantity** | **Cost (Rs.)** | **Specification of Equipment** | **Basic Functions** | **Current Status (Functional / Non Functional)** |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

1. **Research Facilities:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No.** | **Nature of Research**  | **No. of Researchers with Name** | **Qualifications** | **Specialization** |
|  |  |  |  |  |
|  |  |  |  |  |

1. **Technical Staff:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Name** | **Qualifications/ Specialization** | **Experience in Laboratory** |
|  |  |  |  |
|  |  |  |  |

1. **Human Resource Development in the Laboratory:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Name** | **Degree Awarded** **(M.Sc / M.Phil / Ph.D)** | **Specialization** |
|  |  |  |  |
|  |  |  |  |

1. **Outcome: (Please attach Annexure if required)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **ISI Rated Publications** | **Patents Detail** | **Process, Technology & Product** | **Commercial Application of Process, Technology & Product** | **End Users of Process, Technology & Product** | **Income Generated****(Rs.)**  | **Estimated Socio-Economic Benefit** |
| 1. |  |  |  |  |  |  |  |
| 2. |  |  |  |  |  |  |  |

1. **National & International Projects:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Project Title** | **Duration** | **Total Amount (Rs.)** | **Funding Agency**  | **Outcome** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

1. **Services / Consultancies:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Services Type (Foreign/ Local )** | **Title** | **Duration** | **Field** | **Institution**  | **Outcome** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

**GUIDELINES FOR COMPLETION OF PROFORMA PSF-XI**

1. **University / Organization: -** Please provide exact name of University / Organization.
2. **Major Field of Research Laboratory: -** Please provide exact name of research laboratory.
3. **Department: -** Please provide exact name of department.
4. **Address of Laboratory: -** Please provide exact location of laboratory.
5. **Year of Establishment: -** Please provide year of establishment of laboratory.
6. **In-charge of Laboratory:-** Please provide exact name of In charge of laboratory.
7. **Contact Detail:-**
* **Landline:** Please provide phone number with city code and extension.
* **Cell No.:** Please provide phone number.
* **Fax:** Please provide fax number with city code.
* **email:** Please provide email of In charge of the laboratory and if possible also provide alternate email.
* **Website:** Please provide website of the laboratory.
1. **Available Equipment:-**
* **Name of Equipment:** Please provide exact name of equipment installed in the laboratory.
* **Made in:** Please provide name of manufacturing country of the equipment.
* **Model:** Please provide exact model of the equipment.
* **Quantity:** Please provide exact quantity of the equipment.
* **Cost (Rs.):** Please provide exact purchased cost of the equipment.
* **Specification of Equipment:** Please provide precise and accurate specification of the installed equipment.
* **Basic Functions:** Please provide comprehensive summary about basic functions of the installed equipment.
* **Current Status (Functional / Non Functional):** Please provide real current status of the installed equipment. Moreover, installed equipment is non functional, provide cause of it.
1. **Research Facilities:-**
* **Nature of Research:** Please provide nature of research being carried out in the laboratory i.e. basic or applied.
* **Qualification:** Please provide exact qualification of researchers working in the laboratory.
* **Specialization:** Please provide field of specialization of the researchers.
1. **Technical Staff:-** In addition to the In charge of Laboratory, who is a permanent employee of University / Organization, a list of technical personnel that are engaged in research activities of laboratory along with their name, qualification / specialization and laboratory experience should be given.
2. **Human Resource Development in the Laboratory:-**
* **Name:** Please provide exact name of human resource developed in the laboratory.
* **Degree Awarded (M.Sc / M.Phil / Ph.D):** Please provide exact number of Degrees awarded to the developed human resource.
* **Specialization:** Please provide filed of specialization of developed human resource.
1. **Outcome:-**
* **ISI rated Publications:** Please provide number of ISI rated publications produced by researchers working in the laboratory by giving exact title, authors, journals, volume, page number and date of publication.
* **Patents Detail:** Please mention that whether the manuscripts and reprints have been accepted for patent applications or not.
* **Process, Technology & Product:** Please provide detail about developed process, technology and product.
* **Commercial Application of Process, Technology & Product:** Please provide comprehensive detail about commercial application of developed process, technology and product.
* **End Users of Process, Technology & Product:** Please provide complete detail about end users of developed process, technology and product.
* **Income Generated (Rs.):** Please provide detail about income generated from developed process, technology and product in rupees.
* **Estimated Socio-Economic Benefit:** Please indicate estimated socio-economic benefit obtained from developed process, technology and product.
1. **National & International Projects:-**
* **Project Title:** Please provide exact title of each completed projects executed by the laboratory.
* **Duration:** Please provide exact duration of each completed projects.
* **Total Amount (Rs.):** Please provide total expenditure incurred in each completed projects.
* **Funding Agency:** Please provide detail about funding agency i.e.
1. National or International
2. Public or Private
3. Individual or Collaborative
* **Outcome:** Please provide comprehensive outcome of each completed project.
1. **Services / Consultancies:-**
* **Services / Consultancies Type (Foreign/ Local):** Please provide type of services / consultancies offered by the laboratory.
* **Title:** Please provide title of services / consultancies offered by the laboratory.
* **Duration:** Please provide exact duration of services / consultancies offered by the laboratory.
* **Field:** Please provide field of services / consultancies offered by the laboratory.
* **Institution:** Please provide name of University / Organization whom services / consultancies offered by the laboratory.
* **Outcome:** Please provide comprehensive detail about the outcome of services / consultancies offered by the laboratory.