

**Pakistan Council for Science and Technology**

(**Ministry of Science and Technology**)

Shahrah-e-Jamhuriat, Sector G-5/2, Islamabad-44000

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| --- |
| **National Research and Development Survey in Pakistan**  **Higher Education Sector**  **(Public and Private Universities and Degree Awarding Institutions)**  **Financial year 2012-13** |

National R&D Survey 2012-13

(Public and Private Universities and Degree Awarding Institutions)

(To be assigned by PCST)

U.I.D Code

**Section1: Contact Information**

1. **Please provide the contact information for the person responsible for the survey**

|  |  |
| --- | --- |
| Name |  |
| Designation |  |
| University |  |
| Postal Address | ORIC |
| City |  |
| Province |  |
| Postal Code |  |
| Phone Number |  |
| Cell Phone Number |  |
| Fax Number |  |
| Website |  |
| E-mail |  |

**Section 2: Human Resources in Research and Development (R&D)**

* 1. **Please provide R&D personnel (excluding researchers) by occupation and sex headcount (HC) and full-time equivalent (FTE)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Occupation | HC | | | FTE | | |
| Male | Female | Total | Male | Female | Total |
| **Technicians and equivalent staff** |  |  |  |  |  |  |
| **Other Supporting staff** |  | **HR** |  |  |  |  |
| **Not Specified** |  |  |  |  |  |  |
| **Total R&D personnel**  **(Excluding Researchers)** |  |  |  |  |  |  |

* 1. **Please provide the details of the researchers by field of science, level of qualification and sex-Headcounts (HC).**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Field of Science | Ph.D | | | M.Phil/Equivalent | | M.Sc/Equivalent | | B.E/B.S/Equivalent | | Total | |
| Male | | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Natural Sciences |  | |  |  |  |  |  |  |  |  |  |
| Engineering and Technology |  | |  |  |  |  |  |  |  |  |  |
| Medical and Health Sciences |  | |  |  |  | **HR** |  |  |  |  |  |
| Agricultural Sciences |  | |  |  |  |  |  |  |  |  |  |
| Social Sciences |  | |  |  |  |  |  |  |  |  |  |
| Humanities |  | |  |  |  |  |  |  |  |  |  |
| Not specified |  | |  |  |  |  |  |  |  |  |  |
| Total | |  |  |  |  |  |  |  |  |  |  |

* 1. **Please provide the details of the researchers by field of science, level of qualification and sex Full-time equivalents (FTE)**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Field of Science | Ph.D | | | M.Phil/Equivalent | | M.Sc/Equivalent | | B.Sc/Equivalent | | Total | |
| Male | | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Natural Sciences |  | |  |  |  |  |  |  |  |  |  |
| Engineering and Technology |  | |  |  |  |  |  |  |  |  |  |
| Medical and Health Sciences |  | |  |  | **FACULTY** | | |  |  |  |  |
| Agricultural Sciences |  | |  |  |  |  |  |  |  |  |  |
| Social Sciences |  | |  |  |  |  |  |  |  |  |  |
| Humanities |  | |  |  |  |  |  |  |  |  |  |
| Not specified |  | |  |  |  |  |  |  |  |  |  |
| Total | |  |  |  |  |  |  |  |  |  |  |

**Section 3: Expenditure on research and development (R&D)**

* 1. **Please provide total expenditure on R&D by source of funds**  (in millions)

|  |  |
| --- | --- |
| **Source of Fund** | **Expenditure** |
| **Funds from Govt. grant for**   1. Development |  |
| 1. Non-Development | FINANCE |
| **Funds from income of**   1. Endowments |  |
| 1. Self generated activities |  |
| 1. Tution Fee |  |
| **Funds from Abroad** |  |
| **Total :** |  |

* 1. **Please provide total expenditure of R&D by field of Science**

|  |  |
| --- | --- |
| Research Field | Total Expenditure |
| Natural Sciences |  |
| Engineering and Technology | FINANCE |
| Medical and Health Sciences |  |
| Agricultural Sciences |  |
| Social Sciences |  |
| Humanities |  |
| Not Specified |  |
| **Total:** |  |

* 1. **Please provide total expenditure on R&D by type of costs**

|  |  |
| --- | --- |
| Type of Costs | Amount |
| Current Costs |  |
| Capital Expenditure | FINANCE |
| Not Specified |  |
| **Total** |  |

* 1. **Please provide total expenditure and current costs on R&D by type of R&D activity**

|  |  |  |
| --- | --- | --- |
| Type of R&D expenditure | Total Expenditure | Current Costs |
| Basic Research |  |  |
| Applied Research |  | FINANCE |
| Experimental Development |  |  |
| Not Specified |  |  |
| Total |  |  |

**Section 4: R&D Output**

* 1. **Please provide the details of publications and patents by field of Science**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field of Science | Number of Papers | | Number of Patents | |
| International | National | Applications | Granted |
| Natural Sciences |  |  |  |  |
| Engineering and Technology |  |  |  |  |
| Medical and Health Sciences |  |  |  |  |
| Agricultural Sciences |  |  | **QEC** |  |
| Social Sciences |  |  |  |  |
| Humanities |  |  |  |  |
| Not Specified |  |  |  |  |
| **Total** |  |  |  |  |

**S&T Facilities and Equipment Survey 2012-13**

(Public and Private Universities and degree awarding Institutions)

(To be assigned by PCST)

U.I.D Code

1. **Please provide the contact information for the person responsible for the survey**

|  |  |
| --- | --- |
| Name |  |
| Designation |  |
| University |  |
| Postal Address |  |
| City | ORIC |
| Province |  |
| Postal Code |  |
| Phone Number |  |
| Cell Phone Number |  |
| Fax Number |  |
| Website |  |
| E-mail |  |

1. **Details of Laboratory**

|  |  |
| --- | --- |
| Name of Laboratory |  |
| Name of the Department | **FBAS & FET (Male & Female)** |
| Field of Research activity |  |
| Capacity of Laboratory for Researchers |  |

1. **Details of Equipments**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Name of Equipment | Quantity | Make/Model | Year of Installation | Cost | Main Specification | Operational or Not |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | **FBAS & FET (Male & Female)** | | | | |  |
|  |  |  |  |  |  |  |
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