

# FOR 1<sup>st</sup> CYCLE OF ACCREDITATION

# **RKDF UNIVERSITY**

AIRPORT BYPASS ROAD, NEAR RGPV CAMPUS, GANDHI NAGAR, BHOPAL (MP)
462033
www.rkdf.ac.in

#### Submitted To

# NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL BANGALORE

**July 2023** 

#### 1. EXECUTIVE SUMMARY

#### 1.1 INTRODUCTION

The Vision and Mission Statements of University focuses to build a strong education system relying on the recent technologies, character building and human values. Vision and Mission also re?ects to resolve assiduously, pursue and achieve its goals which are linked with social expectations of young talents and engendering high caliber professionals with moral values. The University remains committed to being in forefronts to provide the best tertiary education to its students. The delivery of quality education is possible only with the help of adopting modern pedagogy. Hence, the University has identi?ed key areas of work to improve the quality of research and highest order of education standards. This helps in meeting the needs of emerging opportunities to deal with challenges of the 21st century due to new world order.

The university has developed a system transparent in functioning. The policies are continuously reviewed after implementation and modified as per needs.

The top functionaries in the University are responsible for decision making and providing a conducive atmosphere for maintaining high academic standards ,echno-savvy processes which help the University to grow . High meritocracy, transparency, industry involvement, adoption of advanced technology, innovation and entrepreneurship are the core values which are responsible for boosting the academic standards. To acheive its goal the University is continuously interacting with its stakeholders.

The University has developed leadership at every stage which is sensitive to the new and emerging needs and all the efforts are being made to benefit its students creating an energized academic environment.

The mission statement of the University itself reflects its distinctive characteristics in terms of addressing the needs of the society. The student centric governace institution's tradition, value orientations and its vision for the future makes it different where the welfare of society is focussed. The leadership leaves no stone unturned in reinforcing a culture which makes its students to excell. The University leadership believes in the holistic development of its students.

The university has introduced spirituality as one of the compulsary programmes at under graduate level which will be responsible in nation building with high moral character.

#### Vision

To establish an University of excellence and relevance to impart Higher Education through knowledge, pioneering Scholarship, Research and teaching and to improve the lives of many students through growth, prosperity and sustainable physical environment through education in the country.

#### Mission

Harmonize higher education with excellence in science and technology, output and contributing to livelihood security and sustainable societal development and to be recognized as a premium National University providing

dedicated services for the social and economic growth development of the nation.

The University offer a congenial Academic & Research environment to enable its students, Research scholars, faculty & staff to achieve professional Excellence and personality development to promise an exceptional future for all its stakeholder

## 1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

#### **Institutional Strength**

- 1. The RKDF University, Bhopal span over 57 acres with 122390 Sqm. built-up area. In addition to this university own more than 40 acres agriculture land within close vicinity of main campus.
- 2. The University has academic programs in technical, professional, health, arts, education, humanities and social sciences focussing on holistic development its students. It has a motive to create skilled human resources for the development of industries in tune with the socio-economical and cultural development.
- 3. Besides, formal degree programmes, University gives equal emphasis on entrepreneurial development through vocational courses. The aim is to create job givers not job seekers.
- 4. The University intends to have academic collaborations with advanced national and foreign institutions to keep the students and staff abreast with newer technologies and global developments. This also facilitates quality up-gradation of academic staff. Accordingly, the academic programmes have been developed which are more dynamic and progressive to serve the country.
- 5. The University has established a Personality Development and Placement Cell (PDPC) which has linkage with major industrial and corporate sectors for providing trainings and placements. This is intended to prepare and groom students to face the challenges of the service sectors. This cell also provides training in communication skills for overall personality development of the students. The FDP with Technical Teachers, mentors also facilitates faculty in improving the pedagogy.
- 6. The University has adopted 5 villages of Bhopal for their Socio-Economical Development and regularly organizes Medical, Legal and Agriculture campus for their benefit.
- 7. More emphasis is provided on practical training of students & their active participation in Innovative Research. Students have won 1st Prize in International students competitions & in another National Competition awarded with Rs. 1 Lakh.
- 8. Academic & Research Achievement at National & International Level achieved as the Oxford Academic Union has awarded Chancellor of the University as Honorary Professor twice in 2017 & 2022 respectively.
- 9. Waiver of tuition fees to help meritorious and marginalized class students.

#### **Institutional Weakness**

- 1. Quality of students seeking admission in professional subjects is gradually declining due to their weak academic background, particularly from the rural sector. Additional efforts are needed to attract students by providing tutorials and complementary courses.
- 2. Due to global recession in industrial sectors, admissions in certain technical programs has declined drastically in recent years. However, this is a transition phase. Quality education through better Infrastructure and with the help of dedicated and committed faculty will certainly attract the students in future. The university has state of the art facilities in some areas. For advanced research, sophisticated instruments are being added in the laboratories.

3. In some of the programs less number of Ph.D. faculty members are available. Hence the teaching in some courses are done by inviting experts and guest faculties.

#### **Institutional Opportunity**

- 1. The University has formal and informal education programms in technical, professional and social development areas. This will encourage in spreading education for socio-economic development of the rural people in particular and the Nation in general, which is the mission of University.
- 2. Education and research in frontier areas such as Biotechnology, Nanotechnology, Simulation and Modeling, GIS and Remote Sensing, Robotics, Environmental Science, Green House Technology, Renewable Energy, Bio-Fuel and Fuel Cell Technology, Agriculture, Floriculture, Food Engineering, Pharmaceuticals, Herbal Medicines, Health Science etc. are intended to promote global research and Industrial cooperation. The programs in these areas will be initiated. We intend to have more international collaborations.
- 3. The Academic and Research collaborations with international universities will not only improve the quality of education and research and global trade exposure to students and faculties, but also increase the reputation and overall creditability of the university to attract foreign students in our campus.
- 4. Many reputed multinational companies are now bringing their manufacturing base with advanced technology. Besides increased trade and business, this is likely to increase the demand for qualified personals. This will further push the demand for human resource with up to date skills and knowledge, an added opportunity to the University to serve its mandated goal.
- 5. Organization of Seminars for change information related to development for skill upgradation of Faculty members & Student is regular process.
- 6. The students are actively involved in 5 adopted Villages of Bhopal by the University in Medical, Legal & Agriculture campus. The students have opportunity to build its experience & skill (Communication, Planning, Teamwork, problem solving and task Management).
- 7. Due to our initiative in Carbon Capture Plant collaboration with CSIR is seen in near future, more funds will be available for such activities.

#### **Institutional Challenge**

- 1. The Ministry of HRD Govt. of India & Govt. of M.P. has allowed establishment of private universities, besides opening Central Universities, State Universities, IITs and IIMs are also opening academic programmes and thus competition for attracting talented students has increased. Universities with good infrastructure (faculties and physical Infrastructure) will only survive.
- 2. There is generally craze for degree from foreign universities, many of the Indian universities are in the process of providing dual degree programmes in collaboration with foreign universities. These may threaten the survival of many Private universities.
- 3. Due to higher rate of inflation, cost of equipment, building and other infrastructure including their maintenance is increasing.
- 4. Availability of qualified faculties is scarce even in the reputed IITs and IIMs, as not many graduates with appropriate degrees are inclined to prefer teaching job. Further, aspiration of teaching faculties (financial, job stability, promotion opportunities etc.) has increased their mobility from one institution to another. Instability of teaching faculties may hamper their dedication and academics.

#### 1.3 CRITERIA WISE SUMMARY

#### **Curricular Aspects**

The University ensures the effective and efficient curriculum delivery with innovative teaching and learning process. Various FDPs conducted by experts from NITTTR faculty help teachers in developing the outcome based curriculum. Various highlights provided in Criteria -1

- Curriculum Design and Development: The University has an effective structure for the development of the curriculum, the design of the curriculum based on guidelines of UGC/AICTE from time to time. The Board of studies of various faculties/ department played a vital role in order to frame of the courses of each program in order to meets current and future needs.
- Curriculum Planning and Implementation: The Governing body and Board of the management of the University provide directions for the implementation of the courses and actions to be taken. The CBCS and NEP 2020 have been implemented effectively in the university.
- Academic Flexibility: Since beginning the university is providing choices among various courses of studies. However, during the last five years university has revised syllabus in various faculties/ departments as per guidelines issued by UGC/MHRD. The university has been implemented NEP in various UG programs.
- **Curriculum Enrichment**: The university curriculum is being designed by enriching the contents as per need of the national and international scenario including technology. With the help of various experienced faculty the University developed its students by implementing the revised syllabus.

**Feedback system**: A well-defined feedback system with multiple choice questions have been designed and introduced. The inputs are taken from students, parents and alumni every year which enables university to take appropriate remedial action on the basic of recommendations by the competent authority.

#### **Teaching-learning and Evaluation**

The teaching learning process of the University includes class room teaching through educational audio video aids, Group discussion, quiz competitions and well defined pedagogy as needed. The slow and advance learners have been taken due cares for their problems and enhancement of capacity. The university follow a continuous evaluation process on the basis of student's performance. The University has online system for admission.

- Catering to Student Diversity: In this process the university evaluate learning levels of the students with the help of various instruments and identify slow learner and advance learner. As per need time to time department/faculties of the university conducted extra/remedial classes. University also permits educational visits, Industrial visits, seminars/ webinars to be conducted, and practical's/lab session in order to fulfil curriculum needs and requirements.
- **Teaching -Learning Process:** The teaching learning process of the university is ICT enabled; university is having 185 ICT enabled teaching rooms in addition to it 12 seminar halls with ICT facilities: Smart boards, webcam etc.
- **Teacher profile and quality:** The University is frequently organizing FDPs for the empowerment of faculty members. Right now university is having total 532 regular teaching faculties working in different departments having rich experience of teaching and working in industries.
- Evaluation Process and Reforms: Examination controller coordinates the semester/annual examination of the university and implement various suggestions received from Board of studies and

academic council. After the examination the valuation process starts as per ordinance 5. All the necessary arrangements, notifications are issued. Under the supervision of Examination controller the central valuation is carried out. All the examination process examination form, hall tickets, results, revaluation are ERP enabled and automated.

- **Student Performance and Learning Outcomes:** The university from time to time monitors the learning outcomes and analyse for the achievement of PO and COs. As per instruction of the Vice chancellor the question papers also based with the COs.
- **Student Satisfaction Survey:** The University conducts activities related to satisfaction survey and motivate students to participate as and when required. They are allowed to express their views freely and their intervention helps in the better administration of the university.

#### Research, Innovations and Extension

The Research, technical knowhow, research projects, Innovations and extension activities are given much importance. The research scenario and activities under the Criteria-3 are summarized below:

- **Promotion of Research and Facilities** The university has successfully completed many research projects and some are progressing in collaboration with various government and non-government agencies. The universitys has established a chair in the name of Sir J.C. Bose which is occupied by well known technocrat Prof. V. K. Sethi. Similarly Prof. Punjab Singh was appointed on Sir *Norman* Ernest Borlaug chair to take care of research and innovation in the field of Agriculture.
- **Resource Mobilization for Research:** University has received grants from government and non-government organizations due to its quality for research projects. In addition, the university is receiving financial support from various NGOs at national and international level. Some of the resources in the form of equipment have been provided by its alumni.
- Innovation Ecosystem: The University is regularly working on Innovation towards our ecosystem and launched incubation centre and other initiatives. Various departments of the university from time to time are conducting seminars and conferences on Research methodology, IPR and skill development. Acceding to the research policy university facilitate the faculty to attend and organize conferences, seminars and workshops in order to gain knowledge in the field of teaching and research
- **Research Publications and Awards:** The University is playing major role in improving the quality of its Research publication. University also recognizes faculty by awarding them in the field of research and innovation and financial supports on research projects.
- Consultancy: the University is having a separate consultancy policy for faculty and students with sharing of consultancy amount. University is promoting on consultancy through its MOUs as per commitment.
- Extension Activities: The University supports the community through its extension activities. Departments and NCC, NSS students are organizing blood donation camps, health camps and agriculture related activities. During the Covid period vaccination,g immunity boost herbal medicines were distributed free of cost.
- The University is promoting collaborative research and academic development by signing MOUs with various organizations covering internship and training of students also.

#### **Infrastructure and Learning Resources**

The University is having following facilities regarding infrastructure and learning resources related activities.

- **Physical Facilities:** The University is blessed with the green campus full of natural resources. The teaching blocks are well decorated with required infrastructure and peaceful surroundings which is conducive to the students. The other adequate physical facilities of are in order to meets the needs including well equipped laboratories, class rooms, washrooms student support system mess, hostels, bank, ATM and hostels. University is having a future vision 2030 to create modern infrastructure.
- **Library as a Learning Resource:** The University is having a central library in the administrative block having a huge collection of books, encyclopaedia, subscription of various newspapers, subscription of journal and e-journal. Additionally, departmental libraries are also functional where students are getting breading material. The ERP based module services are available for students.
- IT Infrastructure: The University has a separate IT policy and also having 197 ICT enabled rooms and seminar halls. They are equipped with LCD projectors, some of the rooms are smart boards, webcam etc. The university is also having a subscription with e-journal, high speed internet with Wi-Fi facility available to students and teachers.
- Maintenance of Campus Infrastructure: University provides financial support for maintenance of infrastructure. During in last five years university has given Rs. 3231.06 lakhs for this purpose.
- Other Facilities: The university have various others facilities which include. Guest house, canteen, seminar halls, care centre, boys and girls hostels, International hostel. Recreation rooms, sports rooms, Gym, yoga centre, indoor and outdoor games facilities, Art Gallery, etc.

#### **Student Support and Progression**

The University regularly is working to achieve excellence in shaping its students, not only for their career but also for benefits of the society and building of the nations. For a better integration the students have been frequently benefited with seminars, invited lectures and other cultural activities. Following activities are worth mentioning:

- **Student Support:** The RKDF University is regularly supporting and guiding the students through their respective mentors/teachers/heads for their academic and social activities. Various capacity and skill development programs are being conducted from time to time.
- Students Progression: This is one of the vital activities which are regularly observed. Due to continuous evaluation process, assignments, CCE and strict monitoring of attendance the overall progress of students are managed. The students are motivated to appear in various competitive examinations like GATE, NET, SLET etc. The placement cell of the university is also regularly working to conduct campus related activities in order to provide employment.
- Student's participation and activities: The students of the university participate in sports related activities, cultural events. Different clubs like cultural, sports etc. are functional where office bearers organize activities throughout the year. The students are actively encouraged to be the part of various activities and all these activities are monitored by the club coordinators and departmental authorities.
- **Alumni Engagements:** The University is having a registered alumni association with about 3473 members. University frequently organizes alumni meets and encourage students for their support for development of the university.

#### Governance, Leadership and Management

The university strictly follow the ordinance and provisions as per Act for governance. The organizational structure helps in the day to day functioning of the university. The criteria-6 deals with following highlights:

- Institutional Vision and Leadership: The Mission Statement of the university provides guidelines for the institution. The leadership follows a democratic in accordance with the guidelines of the act with the aim to create ethical leaders with moral values and develop higher academic standards for the growth of younger generation for national integration and development.
- Strategy Development and Deployment: The University follow the strategy based on a road map plan. The goal is to achieve mile stone in order to develop required facilities related to academic, research and infrastructure. Strategic plan of the university clearly mentions the vision for the next few years. In this strategic plan university has already implemented E-governance in all the areas through ERP. Few other initiatives are also been taken as per vision documents.
- Faculty Empowerment Strategies: The University have well defined effective performance appraisal system, promotional avenues and welfare measures in order to promote research and academic activities among the faculty members. University is encouraging teachers to complete their PhD degrees by providing them financial support with discount of fees. They are also given financial assistance to attend research related activities.
- Financial Management and Resource Mobilization: The University strictly follow the policy related to mobilisation and utilization of funds. For this a systemic plan has been framed and approved by the Board of Management. University properly utilizes the grants received for the growth of the university as per budgetary provisions including development of research, academic and infrastructure related heads.
- Internal Quality Assurance Cell: University has established its IQAC under the leadership of Vice chancellor to monitor the academic excellence of the University. The IQAC is effectively working to measure various quality parameters. Regular meetings are conducted to evaluate the academic standards; the suggestions received by its stakeholders and monitor the strategic plans.

#### **Institutional Values and Best Practices**

The University is committed towards value based education for the holistic development of students which helps them to build the career in any specific filed. The University has variety of practices for excellence in academic pursuits and social development.

- Institutional Values and Social Responsibilities: (1) The University strictly follows the gender equity promotion measures and prepared a year wise systematic plan (2) It has sufficient sources of alternative energy like solar, use of LED, wheeling of grid etc. (3) Management of solid waste, liquid waste, Biomedical waste, E- Waste etc. are managed effectively (4) University is having an effective water conservation system like Rain water harvesting, sump well, waste water recycling mechanism etc. (5) The University sincerely taking green campus initiatives and increasing the use of environmental friendly measure, green campus is being increased each year by plantation, the use single use of plastic is banned in the campus. (6) The university is regularly conducting green audit, energy audit, etc. (7) the university has designed a policy for Divyangjan and strictly follow the same, providing barrier free environment to otherwise able people. (8) The university is working on sensitization of students and employee with obligation of values, duties etc. (9) The university strictly follows and maintains discipline through the code of conduct for students and university staff (10) university celebrates various national and international commemorative days, events and festival regularly for inculcating human values among students.
- **Best Practice:** Beat practices of the university relate to socio-economic culture of the country. The University has extension activities in its five adopted villages where Health Check-up, Legal camps and Chaupal for agriculture related activities are organized for the benefit of villages and also exposing our

students towards understanding problems of the society. During the Covid 19 university helped people by providing food packet to needy persons, vaccination, and testing. The university is regularly organizing health camps in surrounding villages and distribution medicines.

We are regularly training our students to take up social responsibilities involving them in field trips, camps, seminars, webinars, club meetings. Through these activities their commitment towards society is ensured.

# 2. PROFILE

# 2.1 BASIC INFORMATION

| Name and Address of the University |   |  |  |  |  |
|------------------------------------|---|--|--|--|--|
| Name                               | RKDF UNIVERSITY   |  |  |  |  |
| Address                            | Airport Bypass Road, Near RGPV Campus, Gandhi<br>Nagar, Bhopal (MP) |  |  |  |  |
| City                               | Bhopal  |  |  |  |  |
| State                              | Madhya Pradesh  |  |  |  |  |
| Pin                                | 462033  |  |  |  |  |
| Website                            | www.rkdf.ac.in  |  |  |  |  |

| Contacts for Communication |                          |                         |            |                  |                               |  |  |
|----------------------------|--------------------------|-------------------------|------------|------------------|-------------------------------|--|--|
| Designation                | Name                     | Telephone with STD Code | Mobile     | Fax              | Email                         |  |  |
| Vice<br>Chancellor         | Vijay K.<br>Agrawal      | 0755-2742516            | 9425194556 | 0755-274287<br>1 | info@rkdf.ac.in               |  |  |
| IQAC / CIQA<br>coordinator | Narendra<br>Kumar Lariya | 0755-2740395            | 9981948363 | 0755-274287<br>1 | registrar.rkdfu@gm<br>ail.com |  |  |

| Nature of University |                          |
|----------------------|--------------------------|
| Nature of University | State Private University |

| Type of University |         |  |  |
|--------------------|---------|--|--|
| Type of University | Unitary |  |  |

| Establishment Details                       |                    |  |  |  |  |
|---|--------------------|--|--|--|--|
| Establishment Date of the University        | 19-07-2011         |  |  |  |  |
| Status Prior to Establishment,If applicable | Affiliated College |  |  |  |  |
| Establishment Date                          | 01-07-2006         |  |  |  |  |

| Recognition Details   |            |               |  |  |  |  |  |
|---|------------|---------------|--|--|--|--|--|
| Date of Recognition as a University by UGC or Any Other National Agency : |            |               |  |  |  |  |  |
| Under Section Date View Document  |            |               |  |  |  |  |  |
| 2f of UGC   | 17-02-2018 | View Document |  |  |  |  |  |
| 12B of UGC  |            |               |  |  |  |  |  |

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

| Location, A    | Location, Area and Activity of Campus                            |           |                            |                                |                           |                          |  |  |  |
|----------------|--|-----------|----------------------------|--------------------------------|---------------------------|--------------------------|--|--|--|
| Campus<br>Type | Address  | Location* | Campus<br>Area in<br>Acres | Built up<br>Area in<br>sq.mts. | Program<br>mes<br>Offered | Date of<br>Establishment | Date of<br>Recognition<br>by<br>UGC/MHRD |  |  |
| Main campus    | Airport Bypass Road, Near RGPV Campus, Gandhi Nagar, Bhopal (MP) | Urban     | 57                         | 122390.4                       | PhD, PG,<br>UG            |                          |  |  |  |

# 2.2 ACADEMIC INFORMATION

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 | 13      |

| s the University Offering a<br>Regulatory Authority (SRA | : Yes                              |  |
|--|------------------------------------|--|
| SRA program  | Document                           |  |
| AICTE  | 101508 10482 1 1672744550.pd<br>f  |  |
| NCTE   | 101508_10482_4_1676368676.pd<br>f  |  |
| PCI  | 101508_10482_6_1676368684.pd<br>f  |  |
| INC  | 101508 10482 7 1681101542.pd<br>f  |  |
| BCI  | 101508_10482_8_1672744663.pd<br>f  |  |
| ССН  | 101508_10482_9_1672744569.pd<br>f  |  |
| COA  | 101508_10482_18_1672744579.p<br>df |  |
| CCIM   | 101508 10482 10 1672744575.p<br>df |  |

# **Details Of Teaching & Non-Teaching Staff Of University**

| Teaching Faculty |           |        |        |       |           |         |           |       |      |                |        |       |
|------------------|-----------|--------|--------|-------|-----------|---------|-----------|-------|------|----------------|--------|-------|
|                  | Professor |        |        | Asso  | ciate Pro | ofessor | sor Assis |       |      | tant Professor |        |       |
|                  | Male      | Female | Others | Total | Male      | Female  | Others    | Total | Male | Female         | Others | Total |
| Sanctioned       | 50        |        |        | 75    |           |         | 491       |       |      |                |        |       |
| Recruited        | 39        | 10     | 0      | 49    | 33        | 33      | 0         | 66    | 322  | 122            | 0      | 444   |
| Yet to Recruit   | 1         |        |        | 9     |           |         |           | 47    |      |                |        |       |
| On Contract      | 0         | 0      | 0      | 0     | 0         | 0       | 0         | 0     | 0    | 0              | 0      | 0     |

| Non-Teaching Staff       |     |    |   |     |  |  |  |  |
|--------------------------|-----|----|---|-----|--|--|--|--|
| Male Female Others Total |     |    |   |     |  |  |  |  |
| Sanctioned               |     |    |   | 348 |  |  |  |  |
| Recruited                | 163 | 63 | 0 | 226 |  |  |  |  |
| Yet to Recruit           |     |    |   | 122 |  |  |  |  |
| On Contract              | 0   | 0  | 0 | 0   |  |  |  |  |

| Technical Staff |      |        |        |       |  |
|-----------------|------|--------|--------|-------|--|
|                 | Male | Female | Others | Total |  |
| Sanctioned      |      |        |        | 32    |  |
| Recruited       | 22   | 3      | 0      | 25    |  |
| Yet to Recruit  |      |        |        | 7     |  |
| On Contract     | 0    | 0      | 0      | 0     |  |

**Qualification Details of the Teaching Staff** 

|                                | Permanent Teachers |        |                     |      |                     |        |      |        |        |       |
|--------------------------------|--------------------|--------|---------------------|------|---------------------|--------|------|--------|--------|-------|
| Highest<br>Qualificatio<br>n   | Professor          |        | Associate Professor |      | Assistant Professor |        |      |        |        |       |
|                                | Male               | Female | Others              | Male | Female              | Others | Male | Female | Others | Total |
| D.sc/D.Litt/<br>LLD/DM/M<br>CH | 0                  | 0      | 0                   | 0    | 0                   | 0      | 0    | 0      | 0      | 0     |
| Ph.D.                          | 39                 | 10     | 0                   | 15   | 11                  | 0      | 10   | 4      | 0      | 89    |
| M.Phil.                        | 0                  | 0      | 0                   | 0    | 0                   | 0      | 0    | 0      | 0      | 0     |
| PG                             | 0                  | 0      | 0                   | 18   | 22                  | 0      | 312  | 118    | 0      | 470   |
| UG                             | 0                  | 0      | 0                   | 0    | 0                   | 0      | 0    | 0      | 0      | 0     |

| Temporary Teachers             |           |        |                     |      |                     |        |      |        |        |       |
|--------------------------------|-----------|--------|---------------------|------|---------------------|--------|------|--------|--------|-------|
| Highest<br>Qualificatio<br>n   | Professor |        | Associate Professor |      | Assistant Professor |        |      |        |        |       |
|                                | Male      | Female | Others              | Male | Female              | Others | Male | Female | Others | Total |
| D.sc/D.Litt/<br>LLD/DM/M<br>CH | 0         | 0      | 0                   | 0    | 0                   | 0      | 0    | 0      | 0      | 0     |
| Ph.D.                          | 0         | 0      | 0                   | 0    | 0                   | 0      | 0    | 0      | 0      | 0     |
| M.Phil.                        | 0         | 0      | 0                   | 0    | 0                   | 0      | 0    | 0      | 0      | 0     |
| PG                             | 0         | 0      | 0                   | 0    | 0                   | 0      | 0    | 0      | 0      | 0     |
| UG                             | 0         | 0      | 0                   | 0    | 0                   | 0      | 0    | 0      | 0      | 0     |

| Part Time Teachers             |           |        |                     |      |                     |        |      |        |        |       |
|--------------------------------|-----------|--------|---------------------|------|---------------------|--------|------|--------|--------|-------|
| Highest<br>Qualificatio<br>n   | Professor |        | Associate Professor |      | Assistant Professor |        |      |        |        |       |
|                                | Male      | Female | Others              | Male | Female              | Others | Male | Female | Others | Total |
| D.sc/D.Litt/<br>LLD/DM/M<br>CH | 0         | 0      | 0                   | 0    | 0                   | 0      | 0    | 0      | 0      | 0     |
| Ph.D.                          | 0         | 0      | 0                   | 0    | 0                   | 0      | 0    | 0      | 0      | 0     |
| M.Phil.                        | 0         | 0      | 0                   | 0    | 0                   | 0      | 0    | 0      | 0      | 0     |
| PG                             | 0         | 0      | 0                   | 0    | 0                   | 0      | 0    | 0      | 0      | 0     |
| 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 | 0    | 0      | 0      | 0     |

# Chairs Instituted by the University

| Sl.No | Name of the<br>Department             | Name of the Chair     | Name of the Sponsor<br>Organisation/Agency          |
|-------|---------------------------------------|-----------------------|---|
| 1     | Faculty of Engineering and Technology | Sir J. C. Bose        | Ayushmati Education<br>and Social Society<br>Bhopal |
| 2     | Faculty of Agriculture                | Norman Ernest Borlaug | Ayushmati Education<br>and Social Society<br>Bhopal |

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

| Programme               |        | From the State<br>Where<br>University is<br>Located | From Other<br>States of India | NRI Students | Foreign<br>Students | Total |
|-------------------------|--------|---|-------------------------------|--------------|---------------------|-------|
| UG                      | Male   | 2599  | 3453                          | 0            | 85                  | 6137  |
|                         | Female | 705   | 389                           | 0            | 7                   | 1101  |
|                         | Others | 0   | 0                             | 0            | 0                   | 0     |
| PG                      | Male   | 434   | 529                           | 0            | 21                  | 984   |
|                         | Female | 223   | 136                           | 0            | 3                   | 362   |
|                         | Others | 0   | 0                             | 0            | 0                   | 0     |
| PG Diploma              | Male   | 33  | 19                            | 0            | 0                   | 52    |
| recognised by statutory | Female | 26  | 2                             | 0            | 0                   | 28    |
|                         | Others | 0   | 0                             | 0            | 0                   | 0     |
| Doctoral (Ph.D)         | Male   | 79  | 52                            | 0            | 0                   | 131   |
|                         | Female | 56  | 14                            | 0            | 0                   | 70    |
|                         | Others | 0   | 0                             | 0            | 0                   | 0     |
| Diploma                 | Male   | 272   | 670                           | 0            | 6                   | 948   |
|                         | Female | 61  | 62                            | 0            | 2                   | 125   |
|                         | Others | 0   | 0                             | 0            | 0                   | 0     |

| Does the University offer any Integrated | No |
|--|----|
| Programmes?                              |    |

# **Details of UGC Human Resource Development Centre, If applicable**

| Year of Establishment                                  | Nill |
|--|------|
| Number of UGC Orientation Programmes                   | 0    |
| Number of UGC Refresher Course                         | 0    |
| Number of University's own Programmes                  | 0    |
| Total Number of Programmes Conducted (last five years) | 0    |

# 2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

| Department Name  | Upload Report        |
|--|----------------------|
| Faculty Of Agriculture                                     | <u>View Document</u> |
| Faculty Of Architecture                                    | View Document        |
| Faculty Of Commerce And Management                         | View Document        |
| Faculty Of Computer Application                            | <u>View Document</u> |
| Faculty Of Education                                       | <u>View Document</u> |
| Faculty Of Engineering And Technology                      | View Document        |
| Faculty Of Law   | View Document        |
| Faculty Of Library And Information Science                 | View Document        |
| Faculty Of Management                                      | View Document        |
| Faculty Of Paramedical                                     | View Document        |
| Faculty Of Pharmacy  | View Document        |
| Faculty Of Science   | View Document        |
| Faculty Of Social Science                                  | View Document        |
| Ram Krishna College Of Ayurveda And Medical Sciences       | View Document        |
| Ram Krishna College Of Homoeopathy And<br>Medical Sciences | View Document        |
| University College Of Nursing                              | View Document        |

# Institutional preparedness for NEP

| 1. Multidisciplinary/interdisciplinary: | The University is providing various UG and PG programs with different elective specialization. University is also providing facility for dual elective specialization in the faculty of Management. Ordinance 14A based on NEP-2020 is specifically meant for University/Autonomous colleges has been made fully operational by the University as per Govt's order no.850/138/CC/21/38 dated November |
|---|---|
|   | 3, 2021. Under the National education policy, University is also offering programs with multiple choice of subject under the category of Major, Minor,  |
|   | choice of subject under the category of Major, Millor,  |

|  | Generic Elective, ability enhanced course etc.  |
|--|---|
| 2. Academic bank of credits (ABC):   | The University is registered in DigiLocker NAD for<br>the academic bank of credits and the student's<br>credentials in the prescribed format of DigiLocker are<br>being uploaded.   |
| 3. Skill development:  | The RKDF University is frequently conducting various skill development programs along with different extension activities. University also has established an incubation center in order to encourage start-up activities for the students. Under the skill development Programs, University has organized seminars and webinar on different subjects and themes in recent years. University also welcomes the idea given by students and the faculty members to increase skill development activities in the campus. |
| 4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course): | Practical approach and historical background of each course have been implemented as required in present scenario and under the National Education Policy. Few courses related to Indian culture have been implemented like Value Education and Indian Ethos. University has signed MOU with Brahmakumari Ishwariya Vishwavidyalaya.  |
| 5. Focus on Outcome based education (OBE):   | The courses have been framed as per outcome based learning, Syllabus of each program has been prepared according to the guidelines of NBA, AICTE and UGC and approved by the respective Board of studies. Each course syllabus having Specific program outcomes, Program outcomes and course outcomes. The attainment of course outcomes have been made by direct and indirect methods and mapping of question papers and results have been evaluated with various course outcomes and program outcomes.              |
| 6. Distance education/online education:  | The University is offering certain part time courses in engineering and also providing value added courses according to flexible time table of classes.   |

# **Institutional Initiatives for Electoral Literacy**

| 1. Whether Electoral Literacy Club (ELC) has been set up in the College? | Electoral Literacy Club (ELC) has been established in the year 2017-18 |
|--|--|
|  |  |

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?

Faculty coordinators and students coordinators have been appointed year wise.

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.

University is frequently organizing the programs and the street march using play-cards of voting rights are organized in order to increase voter awareness. University also organizes camps to include names in voter list. The coordinators and students use to identify those students who become eligible for voting. Necessary information for inclusion of names in voter list is provided which is a continuous process of the university and is being carried out as per notifications of Election Commission.

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.

Our University NSS wing organizes National Voter Day every year on 25 January. Students and NSS volunteers through seminars provide awareness about importance of voting in the country. the theme of this seminar focused on the stability of democracy in the country.

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.

The students who are above 18 years of age become eligible voters. They are frequently sensitized about importance of democracy in the country. University conducts seminars, films and lectures to increase awareness about power of vote.

# **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 |
|---------|---------|---------|---------|---------|
| 65      | 64      | 64      | 63      | 60      |

| File Description                        | Document             |
|---|----------------------|
| Institutional data in prescribed format | <u>View Document</u> |

#### 1.2

#### Number of departments offering academic programmes

Response: 16

## 2 Students

#### 2.1

#### Number of students year-wise during last five years

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 7849    | 9507    | 10977   | 11197   | 11256   |

| File Description                        | Document             |
|---|----------------------|
| Institutional data in prescribed format | <u>View Document</u> |

#### 2.2

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

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 2488    | 3945    | 4606    | 3797    | 3703    |

| 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 |
|---------|---------|---------|---------|---------|
| 7504    | 9128    | 10185   | 10713   | 10840   |

| 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 |
|---------|---------|---------|---------|---------|
| 85      | 03      | 0       | 95      | 51      |

#### 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 |
|---------|---------|---------|---------|---------|
| 1461    | 1455    | 1433    | 1404    | 987     |

| File Description                        | Document             |
|---|----------------------|
| Institutional data in prescribed format | <u>View Document</u> |

#### 3.2

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

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |  |
|---------|---------|---------|---------|---------|--|
| 522     | 505     | 506     | 512     | 529     |  |

| File Description                        | Document             |
|---|----------------------|
| Institutional data in prescribed format | <u>View Document</u> |

#### 3.3

## Number of sanctioned posts year-wise during last five years

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 616     | 616     | 616     | 616     | 616     |

| File Description                        | Document             |
|---|----------------------|
| Institutional data in prescribed format | <u>View Document</u> |

#### 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 |
|---------|---------|---------|---------|---------|
| 56829   | 59885   | 60138   | 61942   | 59195   |

| File Description                        | Document             |
|---|----------------------|
| Institutional data in prescribed format | <u>View Document</u> |

#### 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 |
|---------|---------|---------|---------|---------|
| 2903    | 2857    | 2849    | 2799    | 2729    |

| File Description                        | Document             |
|---|----------------------|
| Institutional data in prescribed format | <u>View Document</u> |

#### 4.3

Total number of classrooms and seminar halls

Response: 199

#### 4.4

Total number of computers in the campus for academic purpose

Response: 705

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 |
|---------|---------|---------|---------|---------|
| 1928.05 | 2108.07 | 1803.54 | 1635.91 | 1501.11 |

# 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:**

A systematic process is followed in the design and development of the curriculum; including inputs from Faculty, experts in the field drawn from Academia, Industry, Entrepreneurs, and other stakeholders through regular interaction with them. The board of studies in the subject considers all the inputs obtained and then finalizes the curricula. The focus is always on achieving excellence with relevance to contemporary needs. After BOS it is sent to the Academic Council for approval. The wholesome efforts are directed towards addressing modern society's need for the development of a Complete Quality Professional. Such development provides a fuller response to all the challenges, with the attainment of the following objectives:

- Academic Excellence
- Moral and Spiritual Values
- Social Sensibilities

#### **Focus on Quality:**

The innovative and comprehensive curricula are designed to effectively meet the societal needs and are economy oriented, which incorporates the following important aspects of total quality management:

- Initiative
- Creativity
- Innovation
- Excellence

#### Relevance to Local and Regional Needs

The University offers a variety of programs that focus on local expertise and needs. The variety of programs offered with provision for lateral and vertical progression in the curriculum helps students to learn at their own pace and henceforth enable development as competent professionals to be an asset for the society, region, and nation.

#### **Contribution to National Development**

The University has made a significant contribution towards national development by imparting value-based quality education for the country's multicultural society, with special emphasis on the underprivileged. We have developed a Value based curriculum with the help of Brahma Kumari's Vishwavidyalaya and the course material has been printed in book form. A compulsory course on value education and spirituality is imparted along with the focus on developing core competencies is a unique initiative to develop pride in national ethos and a spirit of tolerance.

#### **Fostering Global Competencies**

The MoU's and research links established with prestigious National institutions enable close interaction in the form of mutual visits, joint courses, joint supervision of research, organization of events, and collaborative research. Some of the operational MoU's are as below

| SN | Memorandum of UnderstandingDate                     |
|----|---|
|    | Signed with   |
| 01 | Siddharth Kapoor Infrastructure 09th Sept 2021      |
|    | Private Limited                                     |
| 02 | Total Diagnosis Private Limited 14th Sept 2021      |
| 03 | See Media Service Private Limited 14th Sept 2021    |
| 04 | Doubletick Media Private Limited 15th Sept 2021     |
| 05 | Shruti Media Services Private 15th Sept 2021        |
|    | Limited   |
| 06 | Navurja Dairy Products Private 16th Sept 2021       |
|    | Limited   |
| 07 | ICAR Indian Institute of SoilOctober 21, 2019       |
|    | Science   |
| 08 | Logistics Sector Skill Council July 17, 2020        |
|    | (LSC), Chennai                                      |
| 09 | Rensselaer Polytechnic Institute, April 6, 2020     |
|    | Troy, New York, USA                                 |
| 10 | Sunrise CSP India Pvt. Ltd. January 10, 2019        |
| 11 | Central Power Research Institute, November 20, 2018 |
|    | Bangalore   |

Students are encouraged to undertake corporate internships during their courses in reputed institutions and organizations in India and abroad. Strong emphasis is laid on inter and multi-disciplinary research in priority areas of national and global requirements.

| File Description                | Document             |
|---------------------------------|----------------------|
| Upload Additional information   | <u>View Document</u> |
| Link for Additional information | View Document        |

1.1.2

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

Response: 75.38

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

Response: 49

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

Response: 65

| 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: 95.91

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 |
|---------|---------|---------|---------|---------|
| 1383    | 1377    | 1355    | 1345    | 986     |

| File Description  | Document             |
|---|----------------------|
| Programme/ Curriculum/ Syllabus of the courses  | <u>View Document</u> |
| MoU's with relevant organizations for these courses, if any                                     | View Document        |
| Minutes of the Boards of Studies/ Academic<br>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: 62.08

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

Response: 907

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

Response: 1461

| File Description                                 | Document             |
|--|----------------------|
| Minutes of relevant Academic Council/BOS meeting | View Document        |
| Institutional data in prescribed format          | <u>View Document</u> |
| 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: 96.92

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

| Response: 63                                      |                      |  |
|---|----------------------|--|
| File Description                                  | Document             |  |
| Minutes of relevant Academic Council/BOS meetings | View Document        |  |
| Institutional data in prescribed format           | <u>View Document</u> |  |
| 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:**

The wholesome purpose of education in the University is to turn mirrors into windows. To enhance the skill and professional competencies of the students, the University's curriculum besides focusing on the core courses integrates cross-cutting issues viz Gender, Environment and sustainability, Human values, and Professional Ethics to inculcate quality-related attributes and traits so as to enable pupils to lead a purposeful and independent life filled with moral and spiritual values.

#### Gender:

Gender sensitization is accomplished at the University through the synergy of theory, practices, events, and activities. It is incorporated in core theory, electives, and co-curricular and skill development courses. Students are sensitized through these courses about the theoretical and analytical framework of gender and various approaches to promote gender equality. University committees are framed to have an equal representation of genders. Real life issues on gender and hands-on experience are given through various platforms such as seminars, workshops, awareness campaigns, and talks by experts.

#### **Environment and Sustainability:**

The University has 57 acres of land. Every year we involve our students in plantation as a result few gardens have been developed. One of them is a medicinal park. We always offer saplings to our guests in place of flower bouquets. This gives a message that one should take care of the environment. Various events and activities are conducted to inculcate environment sensitivity among students, especially through NSS activities. Sustainability and environmental sensitivity are inculcated among students by means of events, activities, and observance of various national and international activities dedicated to environment like Earth day, Environment day etc.

The University has organized Environment Conservation (Paryavaran Sanrakshan) activities in coordination with National Paryavaran Sanrakshan Sangathan (NGO) and consequently involving more than 7400 students, parents, thousands of persons of the region indulging volunteers to promote plantation and promoting environmental conservation activities. Organization of various awareness

campaigns, debates, guest lectures, seminars, eco-club exhibitions, workshops, webinar, plantation activities, Pitra Vraksh Triveni plant clinic plastic free Kumbh (sponsor and event at Haridwar-Kumbh 2021) plantation in the name of ancestors, family members and friends are some major activities conducted under the home.

#### **Professional ethics and Human values:**

The development of professional ethics is a continuous process where students inculcate honesty, integrity, accountability, objectivity, transparency, respectfulness, and obedience to the law through various acts conducted and inspired by faculties, departments, and officers. The same is built up by assigning various tasks through various activities, workshops, group tasks, seminars curricular and co-curricular activities. The teaching is coupled with numerous workshops, seminars, hands-on training, club activities, etc. The Curriculum also subsumes professional ethics directly in electives and the core theory of many programs namely- Homoeopathy, Ayurveda, Nursing, Commerce, Business Administration and Education along with devoted learning in spirituality and values to develop professional competence ethics in students with long standing human values. The University is a temple of learning where students are nurtured to grow up as exceptional citizens by infusing in them human values and principles advocated by various eminent personalities.

| 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: 64

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

Response: 64

| File Description   | Document             |
|--|----------------------|
| Institutional data in prescribed format                        | <u>View Document</u> |
| 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: 50.02

# 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 |
|---------|---------|---------|---------|---------|
| 5984    | 5623    | 4795    | 3983    | 3990    |

#### 1.3.4

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

Response: 53.24

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

Response: 4179

| File Description  | Document             |
|---|----------------------|
| List of Programmes and number of students undertaking field projects research projects//internships (Data Template) | View Document        |
| Any additional information  | <u>View Document</u> |
| Link for 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   | <u>View Document</u> |
| 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:** 10.55

#### 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 |
|---------|---------|---------|---------|---------|
| 5806    | 5714    | 5679    | 5599    | 5459    |

| File Description   | Document             |
|--|----------------------|
| Demand Ratio (Average of Last five years) based on Data Template upload the document | View Document        |
| Any additional information   | <u>View Document</u> |

#### 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: 40.56

# 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 |
|---------|---------|---------|---------|---------|
| 1172    | 1172    | 1193    | 1083    | 1115    |

| 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 RKDF University has well established counselling system for slow and advance learners through mentership system. The faculty members and mentors frequently observed the performance of the students in the class room and identified slow and advance learner. In this process, mentor of each student regularly conduct meeting with their respective mentees on regular basis. After identifying the slow and advance learners, Principal/Deans/Heads with coloboration of faculty members organized special program for both.

Following majors have been implemented by the University for slow and advance learner:

#### **Slow Learner:**

- **1. Identification :** Identification of slow learner done with the help of mentors and respective faculty members. This process is a continious process followed by the department. Identification of slow lerner based on the student's class performance in class test as well as semester exam result. If the student is not getting satisfactory marks in the assignments as well as in class performance, he/she is marked as slow learner. If the student is not identified as slow learner in first stage of class performance, he/she is eligible to attend the semester examination.
- **2. Remedial Classes :** After identification of slow learner, respective department conduct meeting with all the identified slow learners and informed them about the schedule of remedial classes with approved time table through Heads and Dean.
- **3. Keep Record of Attendance :** The remedial classes scheduled as per the requirement of identified slow learner and it is mostly of 07-15 days, during the condution of classes the respective faculty members take attendance daily and also submit the record to the heads and dean to keep it safe for future record.

#### **Advance Learner**

- **1. Identification :** Identification of advance learner is done on the basis of class performance of the student. Sometimes, faculty members counsel the student and take some class test in order to find out that the student is really an advance learner.
- **2. Value Added Courses :** The University is offering value added courses in various disciplines which helps students to improve their skills and experimental learning. After identification of an advance learner the faculty members motivate them to get enroll in value added program.
- **3. Career Counsellig:** The university frequently conducted career counselling program for advance

Page 33/137 07-10-2023 09:51:46

learners. In this process various departments organized seminars, webinars and other counselling program to advice students for better career options.

| 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: 15.04

| 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:**

The University focuses to provide an effective platform for students to develop their skills. All the departments conduct innovative programs which stimulate the creative ability of students and also provide them a platform to nurture their problem solving skills and ensure participative learning. The various departments frequently working to improve learning experience of the students with the help of different centric methods.

The University focuses on the students centric methods of enhancing life long learning skills.

Some of the activities are described as under:

#### **Experiential Learning: -**

The University imparts the following experiential learning practices to enhance creativity levels of the students.

• Laboratory sessions: Laboratory session for different department students regularly conducted as per the scheduled time table. This session provides students experience for practical work. This is the regular practice of all the departments.

- Students Internships: Students internship activities conducted on regular basis. This is also the part of curriculum of various departments and faculties.
- Educational Visits: Educational visit plans are organized by the University after the semester examination of the University semester exams.
- Work Shops: Work shops activitis organized by the University for each and every student, in order to improve learning experience.

#### Participatory Learning: -

The University imparts the following experiential learning practices to enhance creativity levels of the students.

- Cultural Program: Cultural program is most effective methods for participative activity. In this program, University every years conducts various activities in order to increase students participation and to improve their skills.
- Seminars: Seminar and webinars are regularly conducted by the University for the different background students. Special lectures by experts are arranged to enhance the skills of the students.
- Skill Enhancement: Various Skill enhancement activities are organized by the University.
- Extension Activities: Various departments of the University conducted extension activities. The university has adopted 5 villages and frequenly conducted there medical camp, legal and agriculture camp with the helps of Medical, Law and Agriculture students
- Moot Court: University has well established moot court for Law students
- 1. Rangoli
- 2. Poster making
- 3. Essay writings
- 4. Debate
- 5. Music
- 6. Poetry reciting
- 7. Cricket matches
- 8. Chess competitions
- 9. Volleyball
- 10. Badminton

**SEMINARS:** - Students develop their technical skills while presenting papers in seminars organized on Science day, Women's day, Workshops, Conferences etc.

NSS: Interested students regularly becoming the part of NSS activity.

**Problem Solving Methods:-**Various departments of RKDF University encourage students to acquire and develop problem-solving skills. For this purpose, University organizes various expert lectures on different topics.

Various activities under problem solving methods are as:

**Project/Case Study:** Various departments of the University regulary provides project and case study to the students.

| File Description                  | Document             |
|-----------------------------------|----------------------|
| Upload any additional information | <u>View Document</u> |
| Link for Additional Information   | View Document        |

#### 2.3.2

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

#### **Response:**

Use of ICT enabled tools including online resources for promoting effective teaching and learning process is encouraged. Teachers are using all the ICT tools and resources to the maximum capacity available in the campus. Video lectures from NPTEL and other recorded lectures are being used as teaching learning tools.

LCD Projectors, Video Conferencing, Team -viewer, Google quiz, and e-learning technology and smart classes are examples of facilities exploited for increasing students learning by the faculty members. The campus Wi-Fi and LAN connected systems including computers, laptops are used by the faculties. The Seminar Halls, Conference Rooms are well equipped with ICT facilities. E-Learning committee helps the teachers in developing e-content in different subjects. Around 75% of staff are using ICT techniques in university. Special lectures and technical talks are also arranged by inviting experts from industry. Various academic and research tools which are being used by University faculties are: Desktop and laptops, Projector, Digital cameras, Printer, Photocopier, tablets, Pen Drive, Scanners, Microphones, interactive white board, DVDs and CDs. Students centric methods to enhance student involvement as a part of participative learning and problem solving methodology is promoted. Team works, Debates, Seminar Quizes and case studies are some of the Students centric learning activities. Field Visits, Industrial visits and invited lectures are also a part of teaching and learning process. Experts from NITTTR are also invited for FDP where they take induction lecture modules for effective teaching learning, creating question banks, methodology for mapping of PO and PEOs.

The University is very proactive in incorporating the new techniques of e-learning resources in the academic practices. Most of the laboratory courses use extensively open source tools and e-resources of other forms in the respective courses, based on the concerned course instructor's course policy. Faculty members use e-resources of textbooks, videos, open source tools, and e-journals. While encouraging students for using e-resources, the University inculcates the ethical practice amongst all users to acknowledge the sources of e-resources.

University campus is fully WiFi and it provides free internet access to all staff and students library, computer laboratories including hostels

- NPTEL videos are used regularly
- E-journals are freely accessed by the staff and the students.
- Educational CDs are available in library for referencing of study material. The technology and

facilities are available and are used by the faculty for effective teaching.

- Classroom with LCD facilities, seminar hall, e-library, computer laboratory.
- Use of OHP, educational CDs, permanent transparencies, Open Access Journals.
- Faculty uses power point presentation during classes and practicals to make teaching more effective.
- Faculty uses internet for downloading information, videos, practical demos, research papers etc. for enhancing learning through e-resources.

Open educational resources like online scientific journals from various publishers may be assessed by faculties and students.

Faculty members are using freely available library of IIT Kharagpur and also E-pathshala lectures and videos for teaching purposes.

The faculty members are using the audio-visual facility available in the university in preparing video lectures.

| 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: 15.04

## 2.3.3.1 **Number of mentors** ??????????????????????

Response: 522

| File Description  | Document             |
|---|----------------------|
| Upload year wise, number of students enrolled and full time teachers on roll. | View Document        |
| mentor/mentee ratio   | <u>View Document</u> |
| 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:** 83.57

| 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: 13.15

# 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 |
|---------|---------|---------|---------|---------|
| 86      | 79      | 63      | 59      | 51      |

| 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:** 6.43

# 2.4.3.1 Total experience of full-time teachers

| Response: 3359   |                      |
|--|----------------------|
| File Description   | Document             |
| List of Teachers including their PAN, designation, dept and experience details | View Document        |
| Any additional information   | <u>View Document</u> |

## 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:** 1.55

# 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 |
|---------|---------|---------|---------|---------|
| 2       | 3       | 0       | 0       | 3       |

| File Description                                 | Document             |
|--|----------------------|
| Institutional data in prescribed format          | <u>View Document</u> |
| e-copies of award letters (scanned or soft copy) | <u>View Document</u> |

# 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: 19.6

# 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 |
|---------|---------|---------|---------|---------|
| 22      | 18      | 17      | 19      | 22      |

| 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: 0.5

## 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 |
|---------|---------|---------|---------|---------|
| 85      | 03      | 0       | 95      | 51      |

| File Description   | Document             |
|--|----------------------|
| Number of complaints and total number of students appeared year wise | <u>View Document</u> |
| Any additional information   | <u>View Document</u> |

## 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:**

Examination process of RKDF University is completely ERP enabled and everything related to the examination system are run through ERP software. The IT integration has modernized the entire examination process of the university and it has speeded up the functioning mechanism. While making the whole process more transparent and easy, at the same time, we have also developed the self-service portal for our students as well as departments in order to perform the examination related task. This process of simplification includes dues clearance from account department along with examination form activation, form forward by the concerned department, online examination form filling by the students, approval and generation of admit card from concerned departments, internal marks filling, publication of result and generation of report, after publication of result students may also apply for revaluation.

# Following Activates Conducted Through ERP As It Integration

- Activation of Exam form
- Forwarding of exam form, Submission of examination form, fee payment for exam form
- Activation of admit card
- Entry of internal exam marks and practical marks
- Entry of theory examination and evaluation of marks
- Result publish on online ERP system
- Revaluation of result and publication of revaluated result

| File Description   | Document             |
|--|----------------------|
| Year wise number of applications, students and revaluation cases | View Document        |
| Any additional information                                       | <u>View Document</u> |
| 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:**

The Course and program outcomes for the university syllabus are proposed by the Board of Studies

(BOS) of individual faculty followed by the faculty Academic council. Then it has to be implemented from the concerned academic term. The course and program outcomes are proposed with the vision that students can be eligible not only on local and national level but also it should be on international level. Each course of each program has been designed in such a way that the students are capable to work more practical oriented rather than to gain only theoretical knowledge. Whenever and wherever the project work is required it has incorporated with the various different faculty syllabus schemes.

Moreover these outcomes are also framed to provide multidisciplinary knowledge, core skill development and also development of ethical values and positive attitudes among the students. Due to all such types of care, the students are easily able to satisfy the needs of the industries as well as society; and they easily get placed in the industries or else opting to be self-employed. The RKDF university has adopted several mechanism and practices to communicate program and course learning outcomes to all the stakeholders.

The RKDF University believes that the various departmental program objectives should be reflected through program and course learning outcomes. The RKDF University also uses precise mechanism to engage in necessary syllabus revision, policy, modification, students support and employability to demonstrate its continuous efforts for improvement and success in achieving its vision and mission statement.

| File Description                                     | Document             |
|--|----------------------|
| Upload COs for all courses (exemplars from Glossary) | View Document        |
| Upload any additional information                    | <u>View Document</u> |
| 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 course learning objectives determine course content and assessment strategies. They ensure the implementation of outcomes based education. Thus the teaching, learning, and assessment strategies are structured to facilitate the achievement of intended learning outcomes. Whatever the department identify the outcomes, after that same presented and discussed in the staff council meeting and the same thing is also present before the respective board of studies (BOS) and minutes of the concerned BOS presented to competent authority for final approval. Some time with the recommendations of competent authority the outcome is discussed with industry expert also, in order to include some content related to practical knowledge gain. Further efforts are made to resolve by the department with the University authorities help and recommendations.

The process is complete with various steps such as first course coordinator analyzes the program

objective and outcomes. After that the expert then analysis each course by breaking down in to course learning outcomes. The feedback of the curriculum is taken from various stake holders. After that various subject teachers prepared the detailed syllabus on the basis of course outcomes, which is previously defined. The outcome of COs and POs is based on the beforehand mapped syllabus by the University.

The subject teachers frequently conducted comprehensive evaluation of the students through class test and performance. And the attainment of learning outcomes is analyzed by the head on the basis of indirect and direct measure.

| File Description                      | Document             |
|---------------------------------------|----------------------|
| Upload any additional information     | <u>View Document</u> |
| Paste link for Additional Information | <u>View Document</u> |

## 2.6.3

Pass Percentage of students(Data for the latest completed academic year)

Response: 91.07

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

Response: 2488

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

Response: 2732

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

# 2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process

Response: 3.78

Page 43/137 07-10-2023 09:51:47

# **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:**

## Response

The university has a policy for promotion of research which includes fellowship, financial assistance to the researchers and seed money for the research proposals. The university has a research policy which is being followed. The available research facilities are periodically reviewed and augmented to facilitate faculty and students to carry out research in emerging areas.

# **Upgradation of research facilities including laboratoes:**

All the labs are periodically reviewed and labos are upgraded. The studentsof UG and PG are allowed to9 use these laboratories. The latest equipments and other latest facilities with infrastructure are provided.

## **Creation of new Research Laboratories and Centres:**

Under the research policy new labs and centres are created.

The research policy intends to establish a 'Conducive Environment' for academic staff and research scholars, to carry out their research work. It is a broad frame work for researchers to provide research-related procedures/guidelines within various Departments/Centers of the University. The main purpose of this policy is to facilitate smooth functioning of the research work and to assure researchers that it is to be conducted as per ordinances/regulations and terms and conditions of the sponsoring organization. The present research policy aims to help University faculty members and research scholars to achieve excellence and contribute to organization and society.

# **Objectives**

- To design and implement rules, procedures and guidelines for granting research support, instituting awards, and supporting all other related activities.
- To initiate a research fund for supporting and facilitating research initiatives and projects of faculty members and students as equity or seed money
- Research Eco-system development with all code of ethics integrated into it.
- To facilitate research activities on the national thrust areas.

- To encourage interdisciplinary research and establish modalities for preparing and undertaking joint research projects and live projects.
- To provide a mechanism to ensure that academic staff attain the desired mix of teaching, research and consultancy outputs so as to achieve the level stated in our mission
- To facilitate the presentation in the workshops/seminars
- To establish linkages after identification including MoUs for Technology Transfer and Technology Incubation.

The main policy components and guidelines include:

- · Pre-requisite to undertake research
- Management of Research
- Monitoring of Research Progress
- · Rights and Responsibility (both researchers & PI)
- · Utilization certificate and statement of Expenditures
- · Inception, Technical and Invention Reports
- · Patents & copyrights
- · Grievance procedures
- Confidentiality clause
- Consultancy policy
- · Publication and intellectual property
- · Signing of MoUs and Research collaborations

# Review of the policy (Reviewed on December 31st, 2019)

Consequent upon 'Sanction' of sponsored projects by Government of India and State Government bodies Principal Investigator (PI) is responsible for the execution, utilization and administration of a research grant of sponsored project in compliance with applicable laws and regulations and institutional policy governing the conduct of sponsored research. The PI will be guided by the Director Management in overall management of projects.

| File Description  | Document      |
|---|---------------|
| Minutes of the Governing Council/<br>Syndicate/Board of Management related to<br>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:** 114.89

# 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 |
|---------|---------|---------|---------|---------|
| 181.14  | 140.67  | 142.8   | 67.85   | 42      |

| File Description  | Document             |
|---|----------------------|
| Minutes of the relevant bodies of the University  | <u>View Document</u> |
| 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: 0.7

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 |
|---------|---------|---------|---------|---------|
| 4       | 4       | 4       | 3       | 3       |

| 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: 259

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 |
|---------|---------|---------|---------|---------|
| 34      | 42      | 58      | 66      | 59      |

| File Description                        | Document             |
|---|----------------------|
| Institutional data in prescribed format | <u>View Document</u> |
| Any additional information              | <u>View Document</u> |

## 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: 18.75

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: 3

| File Description                                    | Document             |
|---|----------------------|
| Institutional data in prescribed format             | View Document        |
| e-version of departmental recognition award letters | <u>View Document</u> |
| 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:** 541.14

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 |
|---------|---------|---------|---------|---------|
| 167.43  | 136.04  | 118.21  | 78.98   | 40.48   |

| File Description  | Document             |
|---|----------------------|
| Institutional data in prescribed format   | View Document        |
| e-copies of the grant award letters for research projects sponsored by non-government | <u>View Document</u> |
| 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:** 74

# 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 |
|---------|---------|---------|---------|---------|
| 4       | 36      | 10      | 24      | 0       |

| File Description  | Document             |
|---|----------------------|
| Institutional data in prescribed format   | View Document        |
| e-copies of the grant award letters for research projects sponsored by government | <u>View Document</u> |
| 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: 0.01

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

Response: 1

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

07-10-2023 09:51:47

| Response: 506                             |                      |  |
|---|----------------------|--|
| File Description                          | Document             |  |
| Supporting document from Funding Agency   | View Document        |  |
| Institutional data in prescribed format   | <u>View Document</u> |  |
| Any additional information                | View Document        |  |
| Paste Link for the funding agency website | 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:**

Para 7.4 of "Research Policy Approved by BOM in the meeting dated 5-10-12 includes the Policy Documents of Research Ecosystem. The policy was reviewed on Dec 31, 2019 to reconstitute the project monitoring committee, PG dissertation review committee and equity participation

The University provides conducive environment for research-and-technology-driven innovations. The four key constituents of the ecosystem for innovations are:

- 1. Technology
- 2. Research
- 3. Innovation
- 4. Industry Linkage

Each one of the above acts as a feeder to the next and creates a ripple effect on building innovative products.

The University has created an ecosystem for Innovations including Incubation Center and other initiatives for creation and Transfer of knowledge. It has been received approvals from Department of Industrial Policy and Promotion, Bhopal (M.P.) (a Government organization) to establish RKDF Incubation Centre to promote the establishment of Innovative and startup companies to address key issues and support sustainable growth of upcoming technologies.

The focus areas are internet of things (IOT)/IT/Mobile Technology/ Robotics, 3-D printing Training, Pharmaceutical Healthcare/ Biochemical/ Agriculture/ Food Technology/ Green Energy/Education, Social and Entrepreneurship to the student and faculty.

The academic and research expertise of the University continually contribute to the Innovation Ecosystem providing breakthrough solutions and suggestion in addressing the critical problems, and

motivating students to become researchers and Entrepreneur. An Incubation Center is established in the campus to create new medium-to-high package job.

# **Objectives:**

- Nurture "Job Generators Eco System" in tune with the ideas given by Swami Vivekananda
- Increase business start-ups activity in Bhopal in particular and Madhya Pradesh in general among Campus students and other entrepreneurs from nearby areas.
- Increase the number of new ventures started by students, faculty and staff from RKDF Campus
- Increase the number of new ventures by women
- Support sustainable growth of Pharmaceuticals, ESDM, Nano-technology, Agriculture and Social Entrepreneurship in Madhya Pradesh and address the key issues
- Foster a culture that is supportive of entrepreneurship
- Creating medium-to-high package and raises incomes in all segments of society
- Provide networking, mentoring, training, technical assistance, and customized services for startups

#### Focus areas

- Internet of Things (IoT)/ E-commerce /Mobile Technology
- Information Technology (IT)/ITeS/BPM/Software development
- Manufacturing including ESDM/Robotics/ 3-D Printing Training
- Healthcare, Pharmaceutical & Agro Processing
- Biochemical, Agriculture
- Green energy/clean technology/water & recycling
- Education, Social & Rural Entrepreneurship

Our commitment towards Society, Science & Technology development is being achieved through a tripod of activities:

- Efforts towards minimizing the carbon footprints through adoption of green technologies.
- Adapting environment friendly and cost effective farming methodologies.
- Implementation of UBA schemes for economically marginalized class of the society.

Students have brought laurels to the University through their active participation in various events and are now poised to start and set-up companies.

| File Description                      | Document             |
|---------------------------------------|----------------------|
| Upload any additional information     | <u>View Document</u> |
| 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:** 105

# 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 |
|---------|---------|---------|---------|---------|
| 17      | 27      | 32      | 13      | 16      |

| 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: 759

# 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 |
|---------|---------|---------|---------|---------|
| 159     | 164     | 151     | 154     | 131     |

| File Description                        | Document             |
|---|----------------------|
| Institutional data in prescribed format | View Document        |
| e- copies of award letters              | View Document        |
| Any additional information              | <u>View Document</u> |

# 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<br>Advisory committee and ethics committee<br>constitution and list of members on these<br>committees, software used for Plagiarism check,<br>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:** B.. 3 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: 22

# 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 |
|---------|---------|---------|---------|---------|
| 15      | 1       | 4       | 2       | 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:** 2.03

3.4.4.1 How many Ph.D's are awarded within last five years.

Response: 71

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

Response: 35

| File Description                         | Document             |
|--|----------------------|
| Institutional data in prescribed format  | View Document        |
| Any additional information               | <u>View Document</u> |
| 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: 0.79

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 |
|---------|---------|---------|---------|---------|
| 49      | 101     | 99      | 95      | 64      |

| 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: 0.43

# 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 |
|---------|---------|---------|---------|---------|
| 62      | 80      | 37      | 37      | 7       |

| File Description                        | Document             |
|---|----------------------|
| Institutional data in prescribed format | <u>View Document</u> |
| 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              | <u>View Document</u> |
| 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: 2.72

| File Description   | Document      |
|--|---------------|
| Bibliometrics of the publications during the last five years | View Document |
| Any additional information                                   | View Document |

## 3.4.9

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

Response: 6.5

| File Description   | Document      |
|--|---------------|
| Bibiliometrics of publications based on Scopus/<br>Web of Science - h-index of the Institution | View Document |
| Any additional information   | 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:**

## 1.Introduction

Consultancy activity in RKDF University Bhopal has been associated with contractual relationships,

Page 56/137 07-10-2023 09:51:47

including research, service contracts *etc*. with government and non-government organization in lieu of a fee. The University, therefore, encourages its faculty and staff to engage in consultancy wherever appropriate, and in a manner that is in conformity with their service agreement with the university.

## 2. Purpose of consultancy policy

This policy document is intended to lay down the norms for undertaking consultancy work and its facilitation in accordance with the University's rules and procedures as decided by concern Regulatory bodies of University from time to time.

# 3. Definitions and Scope of consultancy Services

Consultancy will produce some form of contracted output which may be partly or wholly owned by the client. It will be governed by short-term contracts while making minimal use of university resources. It would be an additional management responsibility for university, as well as the faculty.

## 4.Exclusions

The exclusion include activities as under:

- 1. External examinership
- 2. Lectures and conference presentations
- 3. Editorship of academic journals or the publication of academic articles
- 4. Royalties from authorship and publication of books
- 5. Professional arts performances
- 6. Charitable services

# **5.Duration of Consultancy**

The total time invested in consultancy activity must be less than that which is equivalent to 30 working days per academic year per faculty unless it is permitted by competent authority of University in Exceptional cases

# **6.Approval of Consultancy services**

All consultancy proposals have to be submitted to the Vice Chancellor, through proper channel for prior approval, who will have the right to make the decision to accept or decline the proposal. However if the consultancy services is for Vice Chancellor/Registrar the permission of Chancellor is required.

## **7.Conflict of Interest**

A conflict of interest shall be considered as a case where an employee engages in consultancy at the

expense of the interests of university

## **8.Income Distribution**

If the university incurs a cost for allowing the consultancy, it will be deducted by the university from gross income from consultancy before splitting the same as under:

- 1. The member/department of university providing consultancy would be entitled to retain 50% of the share while the university will retain 50% of the net income in case of science and technology related assignments and 60% to member of other departments and 40% share to the university.
- 2. All financial transactions related to consultancy will be cashless through bank transfer to/from appropriate university account.

#### 9. Code of Conduct

- 1. The conduct of the employee during the consultancy work must conform to the prestige and reputation of the university.
- 2. The faculty involve in consultancy will have to ensure that their assigned Academic duties are not suffered.

# 10.Dispute Redressal and Resolution

The Chancellor's decision will be final and binding in this case.

| File Description   | Document      |
|--|---------------|
| Upload soft copy of the Consultancy Policy   | View Document |
| Upload minutes of the Governing Council/<br>Syndicate/Board of Management related to<br>consultancy policy | 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: 81.51

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 |
|---------|---------|---------|---------|---------|
| 6.15    | 0.77    | 0       | 48.59   | 26      |

| 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:**

The University strongly believes in inculcating the social awareness in its students. The university adapts a holistic approach and actively participate in events conducted for various social causes such as environment protection, gender inequality, disability & early intervention programs, art and literature, and many more.

One such activity is 'Run Bhopal Run', recognized as Central India's Monumental and the most anticipated marathon. This flagship event is held every year on the first Sunday in December and the motive of the event is to build a "Holistically Healthy & Prudent Bhopal". More than 2000 students and faculty members of the University with other young persons actively participate in the event.

Similarly, the University has also participated in Unnat Bharat Abhiyan 2.0, a "Nationwide" contest organized by IIT Delhi in March 2018 (ID:U-0652). During the event, five adopted villages of Bhopal, Gondhermhau, Pipalner Bishenkhedi (Kurana), Badwai Jatkhedi were selected and various activities of social importance under technical stream were conducted. The activities undertaken are mentioned below

- A **Gram Sabha** in Mugalia Hat was conducted on Independence Day, 15-08-2018 and discussed the issues pertaining:
- 1. Water scarcity
- 2. Girl's education
- 3. Transportation.

- A **legal camp** was conducted in "Gondhermhau" to discuss the rural population about their legal rights. Approximately, 900 families were benefited and gained knowledge about various laws and rights including RTI, Domestics Violence, and Dowry Disputes etc.
- **Medical camps** were also organized in all the villages, which provided free of cost screening of various local and genetic diseases such as sickle cell anemia and thalassemia etc.

Apart from the RKDF University as a part of its "Corporate Social Responsibility" conducted various programs during COVID-19 pandemic.

- **Providing food to Poor:** During COVID-19 pandemic food packets were distributed to poor people, which helped them to survive in the pandemic.
- **Distribution of Blankets:** The blankets were distributed to poor people during the pandemic era. This helped them to escape the life threatening chilling cold.
- Immunity booster to COVID Warriors: A Ayurveda shake comprising various well known Ayurvedic immune boosters was prepared and distributed among the front line workers also called as corona warriors during the pandemic.
- **COVID-19 Vaccination Drive:** A vaccination drive was conducted for people as per state and central government directions. Apart from this a special vaccination drive was conducted for the prisoners. Our students and staff visited to central jail to vaccinate the prisoners.
- Screening of COVID-19 infection: The samples from the persons at risk were collected at various camps and these samples were then subjected to the Rapid Antigen Test and RT-PCR at the authorized diagnostic centers. The camps were conducted as per the directions of the Government of India authorized agencies.
- Education of basic safety measures: The University conducted special camps at various places and provided basic information about the necessary safety measures from the COVID-19 infection.

| File Description                      | Document             |
|---------------------------------------|----------------------|
| Upload any additional information     | View Document        |
| Paste link for additional information | <u>View Document</u> |

## 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: 25

# 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 |
|---------|---------|---------|---------|---------|
| 12      | 6       | 4       | 2       | 1       |

| File Description                        | Document             |
|---|----------------------|
| Institutional data in prescribed format | <u>View Document</u> |
| e-copy of the award letters             | <u>View Document</u> |
| 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: 164

# 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 |
|---------|---------|---------|---------|---------|
| 48      | 16      | 34      | 43      | 23      |

| File Description                        | Document             |
|---|----------------------|
| Reports of the event organized          | View Document        |
| Institutional data in prescribed format | <u>View Document</u> |
| 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: 66.6

# 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 |
|---------|---------|---------|---------|---------|
| 5539    | 3935    | 8150    | 8929    | 7546    |

| 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:** 5.8

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 |
|---------|---------|---------|---------|---------|
| 7       | 7       | 8       | 4       | 3       |

| File Description                        | Document             |
|---|----------------------|
| Institutional data in prescribed format | <u>View Document</u> |
| 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, onthe-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 46

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 |
|---------|---------|---------|---------|---------|
| 5       | 8       | 12      | 3       | 18      |

| 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:**

Audio-visual systems with LCD projectors are available in different classrooms other than conventional methods of teaching. The 187 classrooms of teaching departments are equipped with ICT facilities. Most of the departments are also equipped with smart classrooms.

The University campus is Wi-Fi enabled and is available for teachers and students to access the Internet for a dynamic teaching-learning excess to NPTEL, NMEICT videos, e-Pathshala and swayam lectures, other online resources, live databases and online journals.

Most of the Departments have in-house, subject-specific libraries with specialized books, periodicals and other resources to be used by teachers and students. In addition, the University has excellent centralized library resources (Central Reference Library) with photocopying facility. We are using library of IIT Kharagpur which has been freely provided. During Corona all the online resources which were made available with the intervention of UGC were also used. E-journals are available through Delnet access in engineering departments which are available for the use to students and faculty. Books with e-contents are also available in the departmental libraries.

The University has its AVRC studio where E-lectures are recorded and made available to students. They are prepared by the respective faculty members. Power point presentations by the faculty members are available in Google drives for the use. The links are provided to students.

Hands on trainings are providing to students especially in science, engineering, Ayurveda, pharmacy and agriculture students. Field visits are also arranged for them. Industrial visits and training is regular feature which improves the technical know-how. Research Gate facility is being used by the research scholars.

All Departments have a dedicated computer lab/facility for students use. In central computer Lab, and in departments 1490 computers are available for academic use.

The University follows the vision plan for keeping focus on quality education and for the enhancement of its physical infrastructure including classrooms, laboratories, equipments etc. based on demand and future development based on new added Pogrammes / courses, opening of new faculty, expansion of research activities etc. The above plan is reflected in University budget prepared each year.

The University makes plan and emphasis for optimum utilization of available infrastructure. The following steps are taken in this direction:

• Professional courses & additional value added programmes are being run when class rooms are

- free in respective departments.
- Similarly, special lectures, seminars and workshops are organized during the hours when the rooms are available.
- Encouraging students to organize different academic activities in their free/ off time.

These efforts help to optimum use of infrastructure for academic and other related activities:

- Significant investment for augmentation of power supply in campus.
- Planning & construction of new buildings in University campus for expansion in academic activity.
- Besides well-equipped conference hall in the administrative block, all departments have their own conference center for organizing expert Lectures/ Conferences and meetings with students. These departments regularly organize workshops Cultural events and competitions involving their students.

| File Description                      | Document             |
|---------------------------------------|----------------------|
| Upload any additional information     | <u>View Document</u> |
| 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 believes in creating physically fit, mentally robust and professionally competent individuals which facilitate in developing a healthy society. As the academics address the intellectual development of the students; sports, extension activities and similar extra-curricular activities provide physical fitness to the students. The University ecosystem helps students to maintain a stress free and healthy lifestyle.

The University is having all the infrastructure facilities for extracurricular and co-curricular activities.

Following outdoor game facilities are few to mention here:

- 1. Football ground
- 2. Basketball Ground
- 3. Athletic Track
- 4. Cricket Pitch
- 5. Volley Ball Court
- 6. Khokho
- 7. Kabaddi

The Indoor games are regularly organized with following facilities:

- 1. Badminton court
- 2. Chess
- 3. Carom
- 4. Table Tennis

Every year the University organizes **SANGRAM** - a week long Inter-University / Institutional Sports event. The unfurling of "SANGRAM Flag" marks the beginning of the glittering ceremony. In SANGRAM, students take part in various sports events like Volleyball, Shot Put, Basketball, Football, Cricket, Tug of War, Race, Kabaddi, Kho-kho etc. Indoor sports like Chess, Carom, Table Tennis, etc. Our University Students alsp participate in all India tournaments and competitions for which financial support is being given by the University.

Cultural Events are an important activity which develops leadership quality, team building and shapes the personality of an individual. Keeping this into considerations all the departments organize technical and cultural events. The central seminar hall is located at administrative block where students take lead to conduct and perform. Considering the impact of music on individual which also help in reducing stress and depression, lessens anxiety, improves cognition ability of team work and improves mood we encourage such related activities in the hostels and departments.

SANGRAM is organized once in a year where students take part in events like Solo Dance, Group dance, Singing, Skit, Rangoli, Mehandi, T-shirt painting, Treasure-Hunt, Movie making, Ramp walk, and Standup Comedy. The University also organize Techno-fest every year where students are encouraged to participate in paper presentation and participate in project competitions. Best presentations are awarded by the university with some token money and a certificate of recognition.

The University believes in producing excellent professionals with strong human values who provide their best to the industry and society.

The yoga Centre with a professional trainer is available free of cost for all. The University also celebrates International Yoga Day every year. A Gym with modern facilities is available for the use of staff and students.

A cultural coordinator has also been appointed who organizes various cultural events in collaboration with different committees for the identified activities including painting competitions, elocution, debate, essay writing, rangoli etc. Students who are excellent in oil paintings are encouraged to draw paintings in the Art gallery.

| 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 University is always ready to provide facilities for the excellent ambiance in the campus. Residential quarters for officers and supporting staff of the University has been created. The campus is full of greenery with internal cemented roads and pathways. The University has provided transport facility to its students and staff. The buses cover almost all the corners of the city. The University is having a Language laboratory where the students who are coming from different language backgrounds can learn and improve their communication skills. To facilitate movement in the campus, 3 electric vehicles are made available. Guest House, well equipped laboratories, Canteen and mess facilities are also provided. All efforts are being made to make campus environment friendly. The University is bestowed with lush green campus and many decorative plants and trees are part of the landscape gardens spread across the departments. The students are advised to use bicycles in the campus which are provided by the administration at various places.

There are various gardens in the campus maintained by the University; this includes energy conservation by using renewable energy, rain water harvesting, maintaining carbon neutrality and waste management. University also has a medicinal garden with 600 medicinal plants. We have provided space to Punjab National Bank with ATM facility for the benefit of our stakeholders.

# The University ensures that the infrastructure facilities meet the requirements of students with physical disabilities.

- Ramp facility.
- Wash rooms and toilets for Divyangjan.

# Details of the residential facilities and various provisions available.

- Hostel Facility The University has separate hostel facilities within campus for boys and girls. For International students, hostel room semi furnished facilities such as AC, attached washroom, bed, shelves and TV.
- Recreational facilities available like Gym, Yoga center, Playground etc.
- Three Mess are functional in the Hostels.
- RO water system is available in all the buildings for safe drinking water.
- Televisions with cable network are available in each recreation room / Hostel.
- 26 rooms are equipped with AC and are available in Rabindranath Tagore International Boys hostel.
- Indoor and outdoor games facilities are available.
- WiFi facility is available in all the hostels.
- 24x7 Ambulance facility is available in the campus in case of emergency.
- Security Guards are available at all potential places in gates, buildings and strategic points
- CCTV Cameras are fitted at potential locations to ensure safety.

# **Common Facilities available in the campus:**

- The University campus is fully secured and surrounded by boundary walls.
- Sensor based LED Street lights are available with in the campus.
- In order to protect our air, water and soil by recycling organic waste into renewable energy and soil products, the University is having a Biogas plant.
- JAN AUSHADHI KENDRA facilities are available for all including general people.
- The students of agriculture department are engaged in producing of organic vegetables and their sales. The earning is based on the policy of "Earn While Learn".
- The University is having its own workshop where all the furniture like almirah, student desk, chairs, tables, sofas etc. has been manufactured.

| File Description                      | Document             |
|---------------------------------------|----------------------|
| Upload any additional information     | <u>View Document</u> |
| 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: 36.05

# 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 |
|---------|---------|---------|---------|---------|
| 717.80  | 805.85  | 733.00  | 142.00  | 832.41  |

| 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

Page 68/137 07-10-2023 09:51:47

# facility

## **Response:**

The libraries at the University are an integrated knowledge resource centre that is stocked with more than 34129 titles and 186280 volumes of book, periodicals, references and national journals, conversing all aspects of academic studies and research materials. The Library has online journals and access to e-journals, databases. All e-resources are accessible locally within the campus. The Central Library is located on first floor, University administrative building has a built up area of approx. 5,000 sqr. ft., ambiance suitable for learning. The Library has provision for both individual and group studies where space for interaction, discussion and quiet studies are available. Library is equipped with adequate number of sign boards related to disciplines, Journals, displays and guides for the convenience of the users. The library has open access to its collection for all students, faculty and staff. Facilities include photocopying, fire fighting systems, food pantry facilities also available outside the central library.

A library management system is available on ERP portal that is designed and developed to manage all the in-house functions of a library. A librarian has to maintain a database of new books and the books that are borrowed by users along with their due dates. This system completely automates all your library activities. The best way to maintain, organize, and handle countless books systematically is to implement a library management system software.

Some common features of the University Library Management System are:

- Fully web based platform so that one can access it from anywhere if available on internet.
- Simple, clear interface for Librarians and Members (Patrons)
- Customizable Search
- Circulation and Borrower Management
- Full Acquisitions System including Budgets and Pricing information
- Simple Acquisition System for the smaller libraries
- Ability to cope up with any number of Branches, Patrons, Patron Categories, Item Categories, Currencies and other data.
- Serials System for newspapers
- Reading lists for Members.

Central library has adequate number of work stations to facilitate searching/accessing e-resources, web browsing and for other academic works. Provision has also been made to allow downloading/printing of materials from these resources. The University has installed excellent ICT infrastructure with adequate bandwidth for fast and seamless access to Internet. The University Libraries are also members of DELNET. All the staff and students are member of National Digital Library (NDL).

Following facilities provided to student and staff member of the University:

## 1. Open Access Systems for users.

- 2. LMS is available on our ERP portal.
- 3.ICT & Wi-Fi, Internet access, download & printout facility.
- 4. Reprographic facility
- 5. Books Exhibitions/displays of new arrivals.
- 6. Centralize feedback & suggestions system.

- 7. Electrical Points for recharging of laptop/tab/notebook/ mobiles at each floor.
- 8. Modern & comfortable furniture.
- 9. Drinking water & wash room facilities.
- 10. Career/employment information/Newspaper Clipping Services.
- 11. Previous year University examination question papers.

| 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       | <u>View Document</u> |
| 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:** 108.54

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 |
|-------|----|---------|---------|---------|---------|
| 64.72 | 7  | 61.645  | 55      | 198.210 | 163.105 |

| 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: 27.93

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

Response: 2338

| 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  | <u>View Document</u> |

# 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:** 86.43

# 4.3.1.1 Number of classrooms and seminar halls with ICT facilities

Response: 172

| File Description                        | Document             |
|---|----------------------|
| Upload any additional information       | <u>View Document</u> |
| 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:**

The University has clear policy of updating its information technology facilities time to time. The old and obsolete gazettes are modified and replaced as per the need of the respective field. There is a procedure of procurement and installation of new IT infrastructure through a committee of experts inviting rates from the market. University is regularly updating its IT infrastructure frequently. Some of the activities undertaken are listed here

- 1. New Rack servers
- 2. New computer system
- 3. Higher configuration
- 4. Printer cum scanners
- 5. Smart boards
- 6. Wireless presenter
- 7. Work station
- 8. Visual presenter
- 9. Digital presenter
- 10. Expended WI-FI facility

More than 150 CCTV cameras are installed in the campus including class rooms, seminar hall, and conference hall, chambers of Head of the department, chambers of the officers of the University and at the strategic point across the campus. The University has a dedicated website development Centre with two experts which update the website for administrative and academic activities. We have signed MOUs with Paytm and Punjab National Banks for student support in digital transaction of fees and other payments of the university. The faculty members are provided internet facility and Institutional email ID.

To check the plagiarism, under the policy, the University is using **Urkund** software. In addition University has procured software named as **Plagiarism Detector** which is being used extensively by the students and faculty members before publishing research paper and submitting their thesis.

The IT Policy has been made and implemented to cater quality and comprehensive technology infrastructure. For this an effective operational environment which delivers prompt, cost effective and reliable technology services has been created. The policy makes it mandatory to follow to faculty staff, students including guest users, whether personal or of University owned, including access, transmittance or storage of information within university premises.

The classrooms are provided with best-in-class technologies like electrical power supply, Battery backup, high speed internet connectivity, LCD projectors, Smart Boards, furniture and relevant software's, etc. The university campus is Wi-Fi enabled

Gateway Management Group (MID) for firewall administration and management of "Security" rights is being used. Students, faculty, and staff are provided immediate support if any problems in accessing any web-resources arises.

Installation, configuration, and maintenance of servers, routers, switches, PCs, user account management, monitoring performance, and carrying out backup and recovery operations.

| File Description                      | Document             |  |
|---------------------------------------|----------------------|--|
| Upload any additional information     | <u>View Document</u> |  |
| Paste link for additional information | View Document        |  |

# 4.3.3

# **Student - Computer ratio (Data for the latest completed academic year)**

Response: 11.13

| File Description                  | Document             |
|-----------------------------------|----------------------|
| Upload any additional information | <u>View Document</u> |
| 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 | <u>View Document</u> |

# 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       | <u>View Document</u> |
| 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: 44.51

# 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 |
|---------|---------|---------|---------|---------|
| 789.14  | 900.2   | 788.43  | 879.74  | 621.53  |

| File Description                        | Document             |
|---|----------------------|
| Upload any additional information       | <u>View Document</u> |
| 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:**

**4.4.2.1** We have provisions for annual maintenance contract as per need, the AMCs which are operative include:

- Solar
- E-waste
- Medical waste
- Ground maintenance

The university has engaged technical manpower for maintenance for following works:

# **CIVIL MAINTENANCE**

The civil works are maintained with the aim to give uninterrupted services for smooth and efficient functioning of the University. The Chief administrative officer and civil experts are managing the activity. The maintenance of civil works include:-

- 1. Maintaining cleanliness and sanitation in the campus.
- 2. Repair of frequently damaged components like window glasses, water supply, sanitary ware, floor tiles, doors, classrooms, furnitures, boards, faculty rooms, drainage etc.
- 3. Internal roads maintenance.
- 4. Water supply and overhead/underground water tank maintenance.
- 5. Periodical Color wash/OBD/white wash and painting of buildings.
- 6. Water leakage/Seepage repairing work

# 4.4.2.2 MECHANICAL MAINTENANCE

The standard procedure followed for service and maintenance of equipment/machinery as follows:

- 1. Equipment/machinery is serviced during the warrantee period, either in-house or sending to the supplier on the nature of defect.
- 2. After warrantee period, the technical staff attached to the respective laboratories carryout the services. The University has identified organization also for repairing the equipments, if necessary suppliers are also contacted.
- 3. The payment bills (cost of Maintenance) are passed by the accounts department through proper channel.

# 4.4.2.3 WATER MANAGEMENT SYSTEM.

- 1. Operation, Repair and Maintenance of total Water Management System includes.
- Bore Well Pumps, Submersible Pumps
- Water purifier (RO System)
- Water Coolers, Water Geysers
- Monitoring function of ETP/STP under AMC
- Up keeping of all underground/ overhead water tanks
- Periodical water testing analysis. Conservation of water by implementing rain water harvesting system.

- 1. Repairing of all plumbing and sanitary items.
- 2. Repairing of furniture at all Offices, Hostels & staff residential area.
- 3. Repair and Maintenance of all Electrical Fittings/ Equipments HT lines, main panels and Generators

#### **4.4.2.4 LABORATORY MAINTENANCE:**

As soon as the complaint is received with details, (including Guarantee Period etc.) will identified procedure is followed. After warrantee period if the equipment/machinery demands service, the technical staff attached to the respective laboratories service the equipment/machinery to the possible extent. If repair cannot be done by technicians of institution, then it is repaired by the persons outside the organization. If items are required then a proposal is sent to the concern person through proper channel (concerned HOD). After the items are purchased and the equipment will be repaired by the respective person. The remuneration bill (cost of Maintenance) will be sent to the accounts department through proper channel.

# 4.4.2.5 CENTRAL LIBRARY

# PROCUREMENT AND STOCKING OF BOOKS:

- 1. The order list shall be prepared on the basis of suggestions of the faculty.
- 2. The list shall be forwarded to the Principal for approval who can make any necessary changes, approves it and forwards the same to Library for procurement.
- 3. The books are received by librarian from the supplier. An inspection activity will be carried out by librarian to check quantity, Title, Author, etc as per the invoice.
- 4. The books received by the librarian are entered in the Accession Register (AR).
- 5. After the completion of Accession, due date slip, numbering shall be pasted on internal Title Page of the Book.

# **4.4.2.6 SPORTS:**

The sports related materials are issued to the students by maintaining an issue/return register which reflects the utility and demand of the items along with the students interests. Subsequently it facilitates the proposals to be made for the next academic years. Students who are selected for the University teams of various events are provided with uniform to participate in the same. Equipment related to various physical activities and sports are updated on a regular basis. The up keeping of the sports items in an efficient way is done through regular monitoring using required work force.

#### **4.4.2.7 ELECTRICAL MAINTENANCE:**

# (Electrical, EPABX & Phone Lines, Air Condition, fan and Water Cooler)

- 1. Complete repair, maintenance of electrical services.
- 2. Look after allotment of new telephone connections and lines where required repair and maintenance of telephone services in campus.
- 3. Check all area lights and repair and change the fuse Bulbs Fans, Tube lights, CFLs etc.
- 4. Supervise the outside vendor for electrical job work and confirm work completed satisfactorily.
- 5. Check the all exhaust and fresh air fans in all blocks, cafeteria, labs, hostels, residential blocks, canteen etc.

6. Arrange the electrical connection for party function and conference area.

# 4.4.2.8 MAINTENANCE AND UTILIZATION OF COMPUTER FACILITIES:

Laboratory assistant maintains Stock Register regularly to keep account of the nonfunctional equipment's and infrastructure. Maintenance and up gradation is looked after by IT officer of CS/IT Department from time to time. Annual maintenance of computers used in different departments is renewed regularly to ensure their good service. E-waste: We have a special teaching staff to look after the e- waste to dispose it after the approval of the Principal.

# **4.4.2.9 Operating Aspects:**

The University has appointed staff for maintenance and repair of infrastructure facilities, services and equipment. All maintenance requirements generated from institute level goes to respective appointed staff. After that respective staff submits it to registrar who will verify it and forward to CAO (Chief Administrative Officer). CAO will resolve the concerned issue and help to accomplished it.

| File Description                      | Document             |  |
|---------------------------------------|----------------------|--|
| Upload any additional information     | <u>View Document</u> |  |
| 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: 77.18

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 |
|---------|---------|---------|---------|---------|
| 6071    | 7594    | 8499    | 8150    | 8830    |

| 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: 49.98

# 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 |
|---------|---------|---------|---------|---------|
| 5169    | 7142    | 6104    | 3838    | 2143    |

| File Description                        | Document             |
|---|----------------------|
| Institutional data in prescribed format | <u>View Document</u> |
| 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 | <u>View Document</u> |
| Any additional information              | <u>View Document</u> |
| 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  | <u>View Document</u> |
| Minutes of the meetings of student redressal<br>committee, prevention of sexual harassment<br>committee and Anti Ragging committee | View Document        |
| Details of student grievances including sexual harassment and ragging cases  | 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: 100

# 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 |
|---------|---------|---------|---------|---------|
| 1       | 1       | 2       | 6       | 5       |

# 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 |
|---------|---------|---------|---------|---------|
| 1       | 1       | 2       | 6       | 5       |

| File Description                        | Document             |
|---|----------------------|
| Upload supporting data for the same     | <u>View Document</u> |
| 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: 17.86

# 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 |
|---------|---------|---------|---------|---------|
| 425     | 671     | 784     | 690     | 741     |

| 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:** 31.47

# 5.2.3.1 Number of outgoing student progressing to higher education.

Response: 783

| File Description                          | Document             |
|---|----------------------|
| Upload supporting data for student/alumni | <u>View Document</u> |
| Institutional data in prescribed format   | <u>View Document</u> |
| 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: 204

# 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 |
|---------|---------|---------|---------|---------|
| 38      | 18      | 50      | 54      | 44      |

| 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:**

The University has a Student Council which takes care of institutional development and student welfare. The Student Council is serving as a representative body in which students voice their concerns, actively participate in decision-making processes and contribute to the overall development.

# **Representation and Voice of Students:**

Through Student Council the University has provided a platform to students for organizing various activities in the campus. They are able to express their opinions, ideas, and other concerns. The council organizes meetings where students, faculty, and administration discuss issues and ensure that student voices are heard and considered. In the meetings held, various matters related to education and campus life are discussed and amicable solutions are provided. Regular meetings, discussions and feedback of the Student Council delivers the things thus providing effective decision-making process. The students are given free hand to decide the activities they wish to organize where the faculty members act as facilitators.

# **Promoting Institutional Development:**

The Student Council of the University has actively contributed to the development of the University which is evident through nits activities conducted during the specified period. In its meetings, the students are given opportunity to express their views and are allowed to act as a think tank which provides valuable insights and suggestions on various aspects such as curriculum design, infrastructure

development, and extra-curricular activities.

# **Organizing Events and Activities:**

In tune with the key responsibilities of the Council many events and activities were organized by identifying the activities/ cultural evnts/ festivals engaging students resulting in cultural exchange. The activities conducted by the students include academic seminars, workshops, sports tournaments, cultural festivals, community services, blood donation camps etc. By planning and executing such events, the council not only enhances the overall campus experience but also fosters a sense of belonging and inculcate human values among students.

# **Addressing Student Welfare:**

The Student Council protects students' rights and well-being. Time to time meetings are called in which management and University administration are involved, adequate infrastructure as requested by the students and decided in the meetings. The demand for WiFi campus, student support services like improved mess services, security for girl students were fulfilled. Additionally the council takes proactive measures to create a safe and inclusive environment by organizing anti-ragging campaigns, mental health awareness programs, and initiatives to combat discrimination and harassment.

# **Leadership and Skill Development:**

Student Council of the University provides them ample opportunities for leadership and skill development. Council members learn to work as a team, delegate responsibilities, manage conflicts, and communicate effectively. These experiences contribute to the personal and professional growth of students, equipping them with essential skills that will benefit them beyond their academic persuites.

Moreover, the council plays a significant role in addressing student welfare issues, advocating for student rights, and facilitating leadership and skill development. By recognizing the importance of a Student Council and supporting its initiatives, the University has created an environment where student inputs are valued. Thus fostering their growth and prioritize the holistic development of the students.

| File Description                  | Document             |
|-----------------------------------|----------------------|
| Upload any additional information | <u>View Document</u> |
| Link for additional information   | View Document        |

#### 5.3.3

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

# **Response:** 7.8

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 |
|---------|---------|---------|---------|---------|
| 10      | 14      | 3       | 7       | 5       |

| 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:**

# 1. Introduction

The Alumni Association of the University is registered under the "Registrar of Firms and Societies", The office bearers include President, Vice President, Secretary, Treasurer, Joint secretary and two members. It is playing a very significant role in the growth and development of the university through various initiatives and activities. The association has actively supported the University in several ways. It helped in organizing expert talks for the benefit of students. The alumni also provide expert gidance for curricular enrichment in campus recruitment, and provide donations which shows a strong bond between the university and its alumni, The university feels proud to mention that the alumni have donated books for the library, They also donated equipments, computers, mercedes engine, aircraft engine for the workshop, culture unit for testing bacteria which are worth mentioning etc.

About 3473 alumni have memberships. Some are also life members. However, those who were active in different university teaching departments are also accepted as members of the association on the request of respective Heads/Principals. But, the voting rights have been given to those who paid life membership fee of registered alumni association.

# 2. Expert Talks & Knowledge Exchange

Alumni are invited to share their experiences, insights, and expertise with students. Such interactions provide valuable guidance, mentorship, and exposure to real-world scenarios. One of the important features is that the alumni who excell in their respective fields offer industry-specific knowledge, empowering students to bridge the gap between learning and practical applications. The holistic development and enhancing employability by providing skill tips for professional world.

# 3. Curricular Enrichment

While updating the sylabi the Alumni members collaborate with faculty incorporating industry trends, technological advancements, and emerging areas of study equipping students with the necessary skills and knowledge to succeed in their chosen fields.which really helped in designing of effective employment based programs. The persons from industry who are alumni of the university also help our students in employment. They are invited as and when required for sharing their expertise and providing a practical perspective to classroom learning.

# 4. Facilitation in Campus Recruitment

Alumni, working in diverse organizations, actively participate in job fairs, placement drives, and events organized by the university. They act as liaisons between their companies and the university. Moreover, Alumni often provide valuable career guidance, resume reviews, and mock interviews to help students prepare for the recruitment process. Their Contributions help to create a robust and efficient placement system, increasing the employability of students.

# 5. Monetary Donations and Equipment Support.

The Alumni Association also contributes for infrastructure development, scholarships, research. The cash donation of Rs. 2.00 Lakhs received helped the university to enhance its facilities.

The online alumni meet during Corona Period was well attended. The alumini are going to organize a mega event soon where the families will also be invited.

The alumni are connected through facebook page also and regularly visiting their respective departments. The association is planning to publish its regular magazine where all the personal and professional informations will be shared.

| 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 | <u>View Document</u> |  |

# 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:**

The Vision & Mission of University is to build a strong education system relying on the recent technologies, character building and human values. Vision & Mission also directs and assiduously pursue the actions through which the desired goals are to be achieved. The goals of the University is in link with Social expectation of young talent and engendering high caliber professionals with moral values. The University remains committed to being forefront of providing the best tertiary education to its students. The delivery of quality education is possible only with the help of adapting pedagogy of teaching. In view of this, the University has identi?ed key focus areas of work to improve the quality of research & education standards. This will help us to meet the needs of emerging opportunities to deal with challenges of the 21st century.

# **VISION**

To be a destination of choice for world class qualitative higher education and establish an institution of excellence and relevance, with a focus on creating competent professionals with sound domain of knowledge and skills and human values through knowledge pioneering scholarship, research and teaching and improve the lives of millions through growth, prosperity and sustainable physical environment.

# **MISSION**

Harmonize higher education with excellence in science and technologies, strongly integrated with human values of equality, compassion, sharing, contribute to livelihood security and sustainable societal development and to be recognized as a premium National University providing dedicated service for the social and economic growth and to develop as a "Center for Excellence".

To fulfill the objectives of mission of the University courses in the University have been framed. Accordingly POs and PSOs have been derived on the basis of AICTE/NBA.guidelines

#### **Core Values:**

The University is guided by core values in delivering its mission & pursuing its vision:-

- 1. Creativity Commitment to explore new methodology to search for latest Academic Knowledge and new funding for students.
- 2. Innovation & Research Initiating and innovative & costive effective participation of students in Research Encouraging faculty member for submission of Research project to University.
- 3. Ethical conduct Integration of a value system among students oriented towards imbibing ?ne judgement respect, tolerance, honesty, trustworthiness, strong character, transparency, accountability,

integrity of thoughts and responsibility towards themselves and society.

- 4. Social Responsibility, dedication towards serving individuals, society and the nation through out-reach and community engagement activities in an attempt to contribute to national development.
- 5. Collaborative & experimental learning commitment to collaborative and interdisciplinary study along with pursuing opportunities for sharing knowledge.
- 6. Academic Excellence, Fostering values of excellence and high quality in all activities and belief in setting the highest academic and profession.
- 7. Environment consciousness, promoting research and the knowledge of modern technology and associate issues.

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

# 6.1.2

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

# **Response:**

As per the Statues and Ordinance of the University it is evident that the decentralized and participative nature of the Management, being enshrined in the act and statutes of the University. In all its decision making bodies and committees faculty members are involved. Some of the committees formed as per directions of UGC, AICTE and other regulatory bodiesin which Faculty and students are members. Admissions are solely done by the faculty members. Whenever some functions are organized the representatives from Teaching and non teaching staff are actively involved in decision making. The cultural functions are organized as per suggestions by students both boys and girls. All the hostel messes are managed jointly by the warden and student representatives. Some of the provisions are discussed below which clearly indicates that the participative management is ensured in the University.

| S.No. | Function of University | Participation of faculty/  |
|-------|------------------------|--|
|       |                        | Management   |
|       | Admission Process:     | (1)The University constitutes committee in which only faculty members are involved for deciding the admission procedures & admission (Name of the course   |
|       |                        | and its eligibility ) rules every year. The teachers are involve in counselling as well as giving advises to the students for the courses taught in the university. The DSW is a senior professor of |

| 3 | Academic Process:   | the university who takes care of in house students. There is a discipline committee in the University in which male and female teaching faculties are members. The grievances of the University staff is also looked by the committee to ensure the participative management.  1. Board of Studies:-  It is constituted as per ordinance in which faculty members review the syllabus, add new programs, modify the content, suggest examination schemes and send recommendations to Academic council.  2. Dean of Faculties:-  The Deans are appointed by the Chancellor on the recommendation of Vice Chancellor among the faculty members. They are responsible for maintaining the academic standards.  3. Academic Council:-  It is the Principal Academic body represented by Deans /Heads of the Departments of the University, The Vice Chancellor is chairman. It takes decisions on the proposal of academic nature including the programms to be taught and new programs to be added. |
|---|---------------------|--|
| 4 | Finance Committee   | Finance Committee of the University reviews income and expenditure of the University. All the budgetary provisions are made in which the Board of Management nominates 02 members from the faculty.  |
| 5 | Board of Management | Hon. Vice-Chancellor is the chairman. As per constitution of   |

|   |                | Board of Management, two Professors and two other senior most teachers by rotation. The main functions of the body includes proposal for any additional post for faculty & non-teaching staff, in the University, approval of appointments, suggestions on budget, reviews the proposed budget for expenditure for the consideration of the Governing Body. |
|---|----------------|---|
| 6 | Governing Body | In the Governing body which is the Principal authority of the University and controls functioning of the University and responsible for approval of budget and annual reports, the society invariably nominates seniormost faculty as its member.   |

| File Description                | Document             |  |
|---------------------------------|----------------------|--|
| Any additional information      | <u>View Document</u> |  |
| Link for Additional Information | View Document        |  |

# **6.2** Strategy Development and Deployment

# 6.2.1

The institutional Strategic plan is effectively deployed.

# **Response:**

# Strategic/ Perspective plan has been designed including the flowing aspects:

Infrastructure, Governance and integration, self reliance, capacity building, collaborations, academic excellence, Eco-friendly research and innovations, extension activity, holistic development, services, sustainability, branding and communication.

The university has a Vision 2022 document prepared in 2017. The SWOT analysis is being conducted and the strategies are planned where the following interventions have been made.

The governance at each level is ensured by empowering the people with an objective of quality education with moral and spiritual values.

# **Internal Quality Assurance System**

- 1. Constitution of IQAC as per NAAC regulations
- 2. Framing of Quality Policy & publishing it regularly
- 3. Formation of Quality Monitoring Committee & organizing FDP, PDP and other **Training** programs of all teaching and non-teaching employees
- 4. Periodical check & guidance for quality improvement by providing facilities as per need
- 5. Establishment of audit team and process

# **Library, ICT and Physical Infrastructure / Instrumentation:**

- 1. The library is having adequate number of books.
- 2. It has Integrated Library Management System (LMS) through ERP.
- 3. Separate book bank for SC, ST students is ailable.

Extensive use of ICT through LCD and smart boards available for teaching-learning. Regular monitoring of physical infrastructure and repairing is carried out.

# **Curriculum Development:**

- 1. Regular updation of syllabus is done on the basis of Feedback from stakeholders
- 2. Value added courses are our strength.
- 3. Open electives across the programs to facilitate student for professional competency.
- 4. Courses are designed to bridge Industry Institute gaps.
- 5. Add on and Certificate Courses are part of activity.

# **Teaching and Learning**

- 1. Organizing FDP, Seminars, Conferences and competitions for understanding recents trends in technology and industrial trends.
- 2. Providing WiFi facility to teachers and students for using video and other online material.
- 3. Involving experts from industry, research and academia.
- 4. Focus on experiential and participatory learning.
- 5. Assignments, Projects and Field activity in majority of the programs.
- 6. The advanced learners are involved in innovative projects with the faculty members. They are guided for competitions.
- 7. Remedial and tutorials for slow learners.

# **Research and Development:**

- 1. The University is having R&D laboratories with state –of the art facilities.
- 2. Incubation and Start up centres in collaboration with Industry.
- 3. The University encourages the cross cultured and multi-disciplinary research among the faculty and students
- 4. JFaculty members are provided financial support for research projects and also for attending conferences, seminars and symposia..
- 5. Encouraging all the departments to organize Workshops on Research Methodologies and IPR.
- 6. The university has institutes two chairs where experts from Industry and academia are invited.

This facility has been created by the financial assistance provided by NGOs.

7.A number of departments have been awarded Centre of Excellence status looking upon their contribution in the academia and research. They have been provided additional grants.

#### Audit for remedial measures

- 1. Promoting best practices
- 2. Annual report preparation & submission

**Incentives and Awards:** The University has a policy to reward those who are excelling in their respective areas. The best teacher, best researcher, Gold, silver medals for meritorious students, Research fellowships, are worth mentioning.

| File Description                                       | Document             |  |
|--|----------------------|--|
| Any additional information                             | View Document        |  |
| Strategic Plan and deployment documents on the website | View Document        |  |
| Link for Additional Information                        | <u>View Document</u> |  |

# 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:**

# Functioning of Institutional Bodies and Authorities of University and Major Responsibilities

For effective and efficient functioning policies and other related matter of the University, we have structured bodies of decision-making and reviewing it through Functional bodies from Lower level to Highest Level which are,

- Board of Studies
- Dean of Faculties of the University
- Finance committee
- Academic Council
- Board of Management
- Governing Body of the University

The following authorities ensure effective and efficient implementation of the policies and the rules:

Chancellor: Head of University and Chairman of Governing Body where policy matters related to the

Page 91/137

University is approved/ decided. The Governing body also reviews the progress and implementation of decisions taken in the University from time to time.

**Vice Chancellor:** Principal Executive and Academic officer of the University. He works as Ex-Officio Chairman of Board of Management, the Academic Council, and Finance Committee and all Bodies of the University. The Vice-Chancellor shall exercise control over the affairs of the University and shall give effect to the decisions, direction or orders of all the authorities of the University.

**Registrar:** The Registrar shall be a full time salaried officer of the University and shall discharge his duties under general superintendence and control of the Vice-Chancellor. The Registrar shall be the member-secretary of the Governing Body, Board of Management and Academic Council but he/she shall not have the right to vote. To conduct the official correspondence on behalf of Governing Body, Board of Management, Academic Council and of any other committee.

Chief Finance & Accounts officer: The Chief Finance & Accounts Officer shall be responsible for managing the accounts and funds of the University, for maintaining the records properly, and for to get them audited regularly. Perform such other financial function as may be assigned to him by the Governing Body and Board of Management or as may be prescribed by the Statutes or the Ordinance. Provided that Chief Finance & Accounts Officer shall not incur any expenditure or make any investments exceeding the limits as fixed by the Vice-Chancellor.

**Controller of Examination**: The Controller of Examination shall work under the direction of Vice Chancellor and as per provision in the University statute & ordinance regarding Examination. The Controller of Examination shall control the conduct of examination and all the other necessary arrangements for the execution of all the processes connected therewith and ancillary.

**Dean of Faculties:** The Dean shall be responsible for overall supervision and control of their respective faculties, conduct of teaching and research work in the Departments. The Dean shall exercise powers and perform some other functions and duties which may be assigned to him by the Governing Body or the Vice-Chancellor, time to time.

**Librarian**: The librarian shall be a full time salaried employee of the University & shall be over all I/C of Library of the Departments / Central University Library.

| File Description                             | Document             |  |
|--|----------------------|--|
| Any additional information                   | View Document        |  |
| Link for Additional Information              | <u>View Document</u> |  |
| 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   | <u>View Document</u> |
| 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:**

The University has developed Annual Performance appraisal system. on the basis of which the faculty & non-teaching staff get promotion and appreciation. The points mentioned in performance appraisal forms are:-

- 1. Educational Qualification of the faculty members and their up gradation in qualification.
- 2. Teaching: Subject/ Courses/syllabus taught.
- 3. Students' satisfaction/feedback report.
- 4. Honours & Awards during the year.
- 5. Research Publications during the year.
- 6. Conference attended / paper presentation
- 7. Research Projects/ Major Grants/ Research Collaborations submitted/ Sanctioned with details.
- 8. Other Activities: Professional Bodies Membership
- 9. Participation in the cultural / sports activities.

10. Any other activity during the year / Achievement during the year .

Characteristics of the Appraisal System of the University:-

Transparency: The system supports transparency as it involves sending the grading assigned by the Reporting/Reviewing officer to the officer reported up for representation.

Responsibility/Accountability: The system encourages the employee to undertake responsibilities and also makes the employee accountable for his/her works.

Financial Motivation: The appraisal system motivates the employee to give his/her best as the same is reflected on his/her annual increment in the concerned financial year.

# WELFARE POLICY

Promotion/Performance improvement: policy of promotin on the basis of performance exists.

The Following facilities have been provided towards the welfare of the teaching and non-teaching staff of the University:-

- Free medical check up and assistance from Ayurved and Homeopathy Hospitals.
- Financial assistance to meet emergency medical expenses of staff and family members.
- All the non-doctoral faculties and staff are encouraged to get enrolled for Ph.D. program with the 50% fee concession under faculty development scheme.
- Casual leave for 12 days and Sick leave for 03 days provided. Other leaves as per UGC guidelines are also applicable including academic, Day centre facility (Child care) etc.
- Free Yoga classes in the University campus for all the teaching and non-teaching staff and for all the students.

Free Transport to all the employees.

- Concessional bank services charges in PUNJAB NATIONAL BANK and ATM facility are made available in the campus.
- Gym facility for all the staff & students is available in concessional rates.
- Safe drinking water facility is provided in all the Departments/ Hostels of the University.
- Desktops are provided to all the teaching staff for academic, research and other working of the university
- 5 days Semester breaks for the entire Faculty besides other leave.
- 24\*7 ambulance facility at Campus.

- Provident fund facility for employees
- Free Wi-Fi facility in all the academic blocks, staff quarters and hostels.
- House accommodation / staff quarters are provided on concessional rates for staff members.
- Pollution free, safe sprawling campus.

| File Description                | Document             |  |
|---------------------------------|----------------------|--|
| Any additional information      | View Document        |  |
| Link for Additional Information | <u>View Document</u> |  |

# 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: 25.21

# 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 |
|---------|---------|---------|---------|---------|
| 166     | 171     | 192     | 52      | 65      |

| File Description   | Document      |
|--|---------------|
| Details of teachers provided with financial support<br>to attend conferences, workshops etc. during the<br>last five years (Data Template) | View Document |

# 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: 47.6

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 |
|---------|---------|---------|---------|---------|
| 39      | 79      | 41      | 24      | 55      |

| 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 |

# 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: 2.51

# 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 |
|---------|---------|---------|---------|---------|
| 0       | 14      | 15      | 2       | 34      |

| 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:**

The RKDF University, Bhopal is a self-financed private University, where the funds are generated through the collection of fees paid by the students, and the deficit is managed by taking advance from the Sponsoring Society Additional funding is obtained from the faculty members through research proposals, and consultancy. These funds are utilized for research and laboratory development, as per norms of regulatory bodies.

The University has a well defined mechanism to monitor effective and efficient utilization of available financial resources for its development of the academic processes and infrastructure development.

- 1. University Budget is prepared by Board of Management every year and after the recommendation of Finance Committee it is approved by Governing Body of the University, as per provision in University Act.
- 2. Accordingly, all the administrative and academic heads are requested to submit the budget required for the subsequent financial year. Along with this, all coordinators of different cells Vis. R&D cells, Exam Cell, T&P Cell, NSS cell etc. are instructed to submit their proposed budget.
- 3. All the Financial Decisions are taken by the Finance Committee of the University.

All the major financial transactions are analyzed and verified under following sections:

- 1. Research and Development
- 2. Training and Placement
- 3. Software and Internet Charges
- 4. Development of Infrastructure for opening more faculties
- 5. Audit Fees
- 6. Maintenance of Garden
- 7. Library Books/Journals
- 8. Repair and Maintenance of Equipments
- 9. Printing and Stationery
- 10. Equipments and Consumables
- 11. Furnitures and Fixtures
- 1. University adheres to utilization of budget approved for academic expenses and administrative expenses by the Governing Body.
- 2. After final approval of budget the purchasing process is initiated by purchase committee which includes all heads of departments and account officer, accordingly the quotations are called and after the negotiations purchase orders are placed.
- 3. The payments is released after the delivery of the respective goods, and its entry on Central Stocit is done as per the terms and conditions mentioned in the purchase order.
- 4. All transactions has transparency through bills and vouchers. The bill payments are passed after testing of equipments or materials and verification of items. Payments to the Suppliers, Vendors are made through Cheques / online Payment, no cash payments are made, Only authorized person operates the transaction through banks.
- 5. Respective faculty members ensures that whether suitable equipment/machinery with correct specification is purchased, in their departments.

- 6. The entire process of procurement of the material is monitored by the purchase committe.
- 7. Principal annual audit is conducted by Chartered Accountant every financial year to verify the compliance.

| File Description                | Document             |
|---------------------------------|----------------------|
| Any additional information      | <u>View Document</u> |
| Link for Additional Information | <u>View Document</u> |

#### 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: 0

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 |
|---------|---------|---------|---------|---------|
| 0       | 0       | 0       | 0       | 0       |

| File Description   | Document      |
|--|---------------|
| Details of Funds / Grants received from government bodies during the last five years (Data Template) | 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:** 5119.87

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 |
|---------|---------|---------|---------|---------|
| 932.65  | 1175.19 | 987.12  | 603.12  | 1421.79 |

| File Description                        | Document      |
|---|---------------|
| Institutional data in prescribed format | View Document |
| Any additional information              | View Document |
| Annual statements of accounts           | View Document |
| Link for Additional Information         | View Document |

#### 6.4.4

# Institution conducts internal and external financial audits regularly

# **Response:**

RKDF University, being a Self-Financed private university has the following sources of income:

#### **Audit of Income:**

- 1. Income through Fees Collected from students as Admission Fees, Tuition Fees, Examination Fees, hostel fees, hostel mess, transportation fees, library fees, etc., which is collected on the basis of approved fee structure.
- 2. The income from NGOs by way of donation.
- 3. Income from other personal donations in the form of gift of equipments, books to library etc.
- 4. Grants received to faculty for Projects and Consultancy provided, which is used for departmental development.
- 5. Verification of counterfoil copies of fees receipt with fees received register is done...
- 6. There is an online reconciliation of revenue received in University with revenue collected in Universities bank account, as it is been verified with counterfoil of receipt book and fees register. Fees receivable and actual fees received are reconciled.
- 7. Investment register and cash book should be verified for income received on account of interest on investment and dividends, etc.

# **Audit of Expenses**

The following is the process for audit of Expenses of Educational Institutions?

- 1. Electricity expenses, telephone expenses, water charges, stationery and printing, purchase of sports items should be properly verified with quotation, purchase bills, inward register and Bills received from service providers, etc. All purchases should be authorized by appropriate person.
- 2. In case where hostels purchase food items, provisions, clothing, etc. should be properly verified.
- 3. Verification of Tax Deducted at Source, Employee State Insurance and Provident Fund should be checked. It is also very important that all deducted amount should be deposited in appropriate Government accounts well within time without any default. These can be verified from relevant bank challans.

4. Payment made on account of salary should be verified from terms of appointment and increment policy. Auditor should verify the computation of salary and check whether all required deductions are made out of it or not like advance salary, loan instalment, absence from duty, ESI (Employee State Insurance), PF (Provident Fund), etc. The Net Salary Payable amount will be verified from cash book and bank pass book for salary paid..

# **Process of the internal audit:**

The acount section before making the final payments checks following:

The finanicial sanction by the competant athority.

Amount claimed as per material supplied or for the purpose sanctionmed.

Deduction of amount claimed extra.

The expenses incurred under different heads are thoroughly checked by verifying the bills and vouchers. The same process is being followed for the last five years.

#### **Process of the external audit:**

The accounts of the University are audited by chartered accountant regularly as per the government rules. The auditor ensures that all payments are duly authorized after the audit, the report is sent to the management for review. Any queries, in the process of audit would be attended immediately along with the supporting documents within the prescribed time limits. Thee is a transparency being maintained in financial matters and adherence to financial discipline. The audited statement is duly signed by the authorities of the management and chartered accountant.

| File Description                | Document             |
|---------------------------------|----------------------|
| Any additional information      | <u>View Document</u> |
| 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:**

IQAC has contributed significantly for institutionalizing the quality assurance strategies and processes,

Some of IQAC initiatives are:

**Academic Audit :**For academic audit external experts are invited to review the progress through critical comments. Brain storming session is also part of the audit to appraise the faculty members about the improvement.

# **Feedback System**

The received feedbacks from stakeholders are analysed action taken are reported to IQAC. Some of the suggestions include new electives, courses programs to be added, demand of WiFi and internet facilities, infrastructure development.

**Syllabus Revision**: The university considering suggestions from stakeholders introduced few new programs and of syllabus revision.

**NIRF Participation:** We are regularly participating in NIRF which always provides us an opportunity to improve. A senior faculty member is appointed as coordinator who provides all the details in the NIRF portal

**Improvement in Teaching, Learning and Research quality:** To improve the quality of teaching learning regular organized on the topics include IPR, Research ethics, Patents domain knowledge which are new and essential for updating their knowledge.

**Organization of FDP/Workshops/ Seminars:** The IQAC discusses all the proposals for organising seminars, conferences and workshops by experts from Industries and Academia.

**Soft Skills development**: Soft Skill and personality development is additional initiatives taken. During Corona period online classes were organized using ICT.

**Sensitization for NAAC Activity**: The faculty members are being regularly updated towards the quality in education and research and role of NAAC. All the 7 criteria are discussed during the IQAC meetings and faculty members with coordinator of each criteria are also trained to prepare the SSR.

**Technology used during Corona:** Online classes using Whats App and Zoom and organizing webinars are some of the initiatives worthy to mention.

**MoUs Signed:** The MoUs signed and the activities conducted are reviewed from time to time and new MoUs with various organizations are encouraged

**Green Campus Initiatives:** The university is promoting eco-friendly campus. Swachch Bharat Abhiyan has given us dividends and received awards.

**Implementation of Green practices:** The policy to ban the single use plastic, solar panel for electricity generation, not allowing vehicles in the campus the water harvesting, paperless work, use of renewable energy and e-waste management are some initiatives.

**ISO certification :**The university has ISO certification for its transparent functioning at all level. Policy documents have been prepared and implemented which are in public domain.

**Clubs and cultural committees**: Various Clubs and cultural committees are formed which are regularly organizing completions and cultural activities.

**Initiatives towards Climate change:** To reduce the carbon di oxide from the atmosphere a mega project, CCU has been developed in the campus in which students are gaining technical know how and technology tom save the environment.

**Earn while you learn:** Inspired by the medicinal value and its potential towards economic development of farmers about 5000 Mornga seeds have been sown in our agriculture research land and the plants have started growing.

| File Description                | Document             |
|---------------------------------|----------------------|
| Any additional information      | <u>View Document</u> |
| 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                                     | <u>View Document</u> |
| Link for Additional Information  | 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:**

Though university is submitting its proposal to NAAC for the first time but we are conscious about the quality in education. The departments have developed some plans where the syllabus are continuously reviewed and revised through the inputs from students, teachers and industries.

- 1. Apart from the class room teaching where ICT facilities are being used the students are encouraged to take hands on training regularly.
- 2. Engineering and science graduates are given assignments by way of doing projects through which they are exposed new technology. Mentors are allotted to them.
- 3. To promote digital platform to students ICT enabled classrooms have been created.
- 4. Faculty members have been asked to include excellent lectures from NPTEL, NMICT, Swayam platforms and become facilitators.
- 5. An EVRC has been developed through which class room teaching materials are produced.
- 6. Departments are asked to identify slow and advanced learners facilitate them accordingly organizing tutorials and seminars for their carrier growth.
- 7. The zero tolerance towards ragging and gender equity is monitored regularly.
- 8.To develop problem solving skill, students are exposed to society through extra curricular activities where they learn the human values. Camps in adopted villages are few of the initiatives which develop some of the attributes.
- 9. Participatory and experiential learning centric methods like individualized methods, program learning, computer assisted instructions, tutorials, discussion cum demonstration method etc.
- 10. Formal collaboration with some local, National and International organization for academic activities is initiated for research work, paper publication. Most of the teachers of the respective departments have gain experience and published their research papers in National and International Journals.
- 11. For the academic honesty the IQAC has developed a policy document in tune with UGC regulation against plagiarism. The seminars on IPR and Research ethics are some of the initiatives in this direction.
- 12. MoUs with industries and academia are being reviewed and activities through them are other

- quality measures.
- 13. To encourage the research outputs the university provides seed money to recommended projects. Also financial assistance e to teachers are provided for attending conferences, seminars, workshops and presenting their papers.
- 14. Consultancy: The university has a consultancy policy for mutual benefits. The faculty members are encouraged to take projects and also help the university.

| File Description                | Document             |
|---------------------------------|----------------------|
| Any additional information      | <u>View Document</u> |
| 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 coeducational environment with both male and female students, understanding that it is demanding to bring equality between men and women to produce courageous women who can play an extraordinary role in changing society. The University imparts quality education to develop women leaders and professionals academically and technically competent with strong professional ethics. The Institution maintains a healthy environment and takes the necessary initiatives for the growth and development of its students. There are various committees in the University to maintain peace and harmony among the students. University has a gender sensitivity committee such as Women Grievance Cell, Anti Ragging Committee, and Students Grievance Cell, which are constituted as per norms laid by the UGC. The functions of the committees are displayed on the University website, and information is given to students during orientation and induction programs. Awareness programs are organized on the importance of Human Rights. Women related Issues and Challenges, Rights of Women, Entrepreneurship Development Programmes, Awareness Programmes on various government schemes, and International Women's Day Celebrations.

The facilities for women on campus are

- 1. Safety and Security
- 2. Counseling
- 3. Common Room
- 4. Daycare facility

# **Safety and Security**

CCTV Cameras are fitted all over the university campus and inside the individual department buildings. Security Guards and Complaint boxes are also placed in every individual buildings.

# **Counseling**

In Women Grievance Cell senior and experienced female professors are nominated as per UGC guidelines. The committee has been notified and placed at different departments with contact details. This committee provides counseling to the female students as well as female staff in a comprehensive and confidential manner and try to address their problems.

#### Common Room

Well-furnished separate common rooms are provided in every individual buildings. All the common rooms have attached washrooms. Additionally, beds are provided to take rest as per need.

# **Day Care Facility**

A well-furnished daycare facility is available where employees can leave their children equipped with creative, fun, and clean play areas. The facility include sensitive trained caretakers This facility is free for all the staff of the University.

#### **Women Grievance Cell activities**

University conducts awareness sessions with the police department's help for the safety and security of students and female staff. Cyber security awareness programs related to the safety and security of women employees and students are being conducted. Health awareness programs on the issues specifically related to women are organized. Every year, Women's Day is celebrated on 8th March with great enthusiasm. Eminent personalities are invited to deliver the sessions and motivate students. Sessions are being organized on Human Rights and women issues related to safety and security at workplaces, especially applicable to females. Additionally, the Female entrepreneurs share their life experiences with students and inspired them to become an entrepreneur. Sessions were being organized on the issues related to crime against women, where offense and its gravity, registration of complaint, and expected punishments are discussed.

| File Description  | Document      |
|---|---------------|
| Specific facilities provided for women in terms of:<br>a.Safety and security b. Counselling c. Common<br>Rooms d. Day care center for young children e.<br>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          | <u>View Document</u> |
| 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:**

All the **degradable and non-degradable waste** materials are collected and processed in an environmental friendly way in the campus. The basic principle of good waste management practice is based on the concept of 3Rs, namely, reduce, recycle, and reuse.

# Solid waste management

Solid waste are categorized in three types: biodegradable, non-biodegradable and hazardous waste. The waste material are collected by housekeeping staffs from waste bin placed in different departments which is shifted in a big bin regularly. The vehicle from Bhopal Municipal Corporation transports the solid waste material. The other waste are properly stacked in designated place and later disposed through vendors for proper waste management. 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 outflow water is used in the garden.

Three Treatment Plants are available in RKDF University, Bhopal

- 1.Two Sewage Treatment Plant of capacity of 250 KLD and 100 KLD at campus at RKDF University, Bhopal
- 2. Effluent Treatment Plant of capacity 50 KLD at campus

# **Biomedical waste management**

Biomedical waste produced during the diagnosis, treatment, or experiment on humans or animals related to research activities pertaining thereto or in the production or testing of biological or in health camps. Collection, Packaging, Reception, and Disposal of biomedical waste is done by M/S. Bhopal Incinerator Pvt. Ltd situated at 6/5 H-Sector, Industrial Area, Govindpura, Bhopal.

# E-waste management

The University has signed MOU for E-wast Management with Unique Eco Cycle, Indore. The E-wastes generated from computer laboratories, electronic labs, Physics Labs, Chemistry Lab, Biotech Labs, Academic and Administrative Offices are examined by the experts and put to optimal use. All such equipment's which cannot be reused or recycled are being disposed off through authorized vendor. Instead of a new procurement Buy-Back option is preferred for technology up gradation.

# **Waste Recycling System**

Degradable solid waste collected from cafeteria, Boys and Girls Hostels, Guest Houses and from Residential Quarters are dumped in the Vermicompost Unit which is located in the campus. This is used as raw material for Vermicompost. Approx. 50MT is produced per year and is used for the agriculture department and is marketed also.

# **Hazardous Wast Management**

Hazardous or biochemical including contagious disease pathogen, patient blood, and radioactive substances are not used in the university campus yet. All stakeholders, especially from Academic Departments and laboratories are restricted to use hazardous materials.

| 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  | <u>View Document</u> |

# 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

| <b>Response:</b> A. Any 4 or all of the above    |                      |  |
|--|----------------------|--|
| File Description Document                        |                      |  |
| Geotagged photographs / videos of the facilities | <u>View Document</u> |  |
| 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      |
|--|---------------|
| Various policy documents / decisions circulated for implementation | View 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                                      | <u>View Document</u> |
| Certificates of the awards received                                       | View Document        |
| Any other relevant information  | <u>View Document</u> |

#### 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             |
|--|----------------------|
| Policy documents and information brochures on the support to be provided | View Document        |
| Geotagged photographs / videos of the facilities                         | View Document        |
| Details of the Software procured for providing the assistance            | View Document        |
| Any other relevant information   | <u>View Document</u> |

#### 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:**

The University believes in an inclusive and harmonious society. It is located in the center of Bhopal city, very close to the airport. This University caters to the youth of Bhopal city, nearby rural areas, all over the state and country. Many students come from rural areas belonging to the agricultural background. Many students look for employment outside the village whereas some of them also want to work in the

local areas. Their basic need is to obtain a degree, but along with this development of tolerance towards different cultures, regions, languages, communities, and socioeconomic classes are important for harmony and unity among diversities.

#### **Inclusive environment**

We believe in unity in diversity and respect for different religions, languages, and cultures. Students from different corners of the country and abroad are studying different programs. We teach our students to respect each others customs and respect different culture. We provide a very conducive environment to our stake holders as a family. Celebrations on different festivals like Holi, Diwali, Ganesh Chaturthi, Garba, Eid, Christmas. Organizing feasts to understand different cultures are regular feature in the campus thus maintaining social, and communal harmony. The University takes several efforts and initiatives in providing tolerance and harmony towards cultural, regional, language, communal socioeconomic, and other diversities.

#### Social activities

NSS and other such activities provide for an inclusive environment by bringing students and teachers with diverse backgrounds on a single platform for creating an inclusive environment. These functions help in developing harmony towards culture, region, linguistics and also communal social economics and other diversities. Annual function is celebrated every year, where the eminent persons address to inspire and motivate the students. Two important national festivals, Republic Day and Independence Day, are celebrated every year. All teaching, non-teaching staff, and students participate. Ambedkar Jayanti is observed on 14th April also celebrated as Equality day in the University to commemorate the memory of Dr. B.R. Ambedkar, Indian polymath, and civil rights activist.

#### **Cultural activities**

To represent our culture, on the eve of our foundation day, annual gathering is being organized with a gala dinner. Students participate in different competitions representing the different states, religions, and cultures. Through these activities, students get acquainted with cultures of other states and nation This also creates an inclusive environment in the University and society as a whole. Even foreign students celebrate Holi, enjoy crackers in Diwali and visit Durga Pandals during Durga pooja. Gnaesh pooja and vishwakarma pooja are enthusiastically enjoyed by the students and staff. The University always encourage the students to organize and participate in different programs at university, University level, and participate in events organized by other Government or nongovernment organizations to make them sensitize towards cultural, regional, linguistic, communal, and socio economic diversities.

| 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 inculcates human values among its inmates. To sensitize students and employees of the University regarding the constitutional obligations, i.e., values, rights, duties, and responsibilities of an Indian citizen various events are organized regularly.

#### **HUMAN VALUES**

The values which are considered basic inherent values in humans include truth, honesty, loyalty, love, peace, etc. because they bring out the fundamental goodness of human beings and society at large.

- 1. Right Conduct
- 2. Peace
- 3. Truth
- 4. Peaceful Co-existence
- 5. Discipline

Core Values of RKDF University, Bhopal

- 1. Student Focus
- 2. Strong Ethics
- 3. Striving for Excellence
- 4. Social Development
- 5. Respect for All

#### PROFESSIONAL ETHICS

Professional organizations necessarily include components like responsibility, integrity, honesty, transparency, respectfulness, punctuality towards the job, confidentiality, objectivity etc. in their code of conduct. Above all to develop feeling to respect others are some of our commitments.

#### **ACTIVITIES**

University organizes various activities to inculcate values for being a responsible citizen as reflected in the Constitution of India. These events help students to understand the moral values that ought to guide the respective profession and resolve the moral issues in the profession. Details of activities that inculcate values necessary to render students into responsible citizens. Law department endeavors to develop a sense of responsibility among the students while simultaneously enlightening intellectual freedom, qualities of leadership, imaginative power, and clarity by organizing regular Legal Aid Camps in the nearly slams and villages Gondhermhou, Pipalner, Badwani, Mugalia hat. Vidhan Sabha, Supreme Court, and Jail visits are organized for students to make them aware of working in the highest body of justice, the nature of duties of the judicial officers. The visit included an in-depth study of the day-to-day functioning of Courts at different levels and over a vast diversity of cases.

University College of Nursing, Homeopathy, and Paramedical, department regularly conduct medical camps in nearby adopted villages for regular health checkups and the wellbeing of the villagers. These practices are crucial for the students to develop understanding towards human values, morality, sensitivity, service for society, respect for others, and also civic virtues.

Unnat Bharat Abhiyan which is an initiative by the Govt. of India to integrate higher education institutes to work with rural India's people to identify development challenges and evolve appropriate solutions for sustainable development University has been granted Rs. 50,000 in the year 2018-19 as seed money. University has adopted five nearby villages namely, Badwai, Gondhermhow, Jatkhedi, Mungalia Hat and Papalner. These villages have been surveyed for demography, socioeconomic status, literacy, availability of basic amenities like hospital, school, electricity, bank, cooking gas, etc. The villages are facilitated for getting these facilities where ever deficient with the help of a government project.

The Agriculture Department organizes village-level soil testing camps to help the farmers to ascertain their field's soil quality and help them in selecting suitable crop with maximum harvesting. University has established a community development cell to integrate various community engagement efforts under the NSS activity. Clean drives are being organized to inculcate the behavior of community service and develop social responsibility among students.

https://rkdf.ac.in/naac/criteria7/7.1.9/7.1.9\_Details\_of\_activities.pdf

https://rkdf.ac.in/naac/criteria7/7.1.9/7.1.9\_Any\_other\_relevant\_information.pdf

#### 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<br>and minutes of the committee meeting, number of<br>programmes organized, reports on the various<br>programs etc., in support of the claims | View Document        |
| Code of ethics policy document  | <u>View Document</u> |
| 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 organizes National Festivals and Birth and Death Anniversaries of great Indian personalities with enthusiasm. Our motto is to work towards a better India by breaking the boundaries of religion and caste.

**12th Jan, National Youth Day (Swami Vivekananda Jayanti):** Yuva Diwas is celebrated to encourage the students to become better people and achieve an honorable life contributing to the development of the country. In the University, a Vivekananda Darshan exhibition hall has been instituted to display the philosophy and believes of the great sage.

23rd Jan, Parakram Diwas (Netaji Subhash Chandra Bose Birth Anniversary): To honor his contribution to India's struggle for independence, Subhas Chandra Bose's birthday is celebrated in our University.

**26th Jan, Republic Day:**- Constitution of India came into effect on 26, January 1950, replacing the Government of India Act (1935) as the governing document of India.

**28th Feb, National science day:** On that day in 1928, Sir C.V. Raman announced the "Raman Effect" invention, for which he was awarded the Nobel Prize for Physics in 1930. Oral and poster presentations and model-making competitions are being organized on this day.

**23rd March, Shahid Diwas or Martyrs' Day:** This day is observed in the University every year to remember the sacrifice of brave freedom fighters Bhagat Singh, Sukhdev Thapar, and Shivaram Rajguru for the nation.

**5th June, World Environment Day:** This day is celebrated to encourage students and faculty for environmental protection initiatives and to highlight the importance of the environment.

**21st June, The International Yoga Day:** Yoga is a physical, mental and spiritual practice that originated in India. The International Day of Yoga is observed on the University campus with the practice of Yoga sessions and expert lectures about the benefits of the regular practice emphasizing correct postures.

**15th August Independence Day**: India gained independence from British rule on August 15, 1947. The entire country roared in happiness, marking the reign of an independent and free land.

**5th September, Teachers day (Dr. Sarvpalli Radha Krishnan Birth Anniversary):** We celebrate Dr. Radhakrishnan's birthday as Teacher's Day with great fervor. The students organize a program for the teachers, and the Guru-Shishya parampara is celebrated every year.

15th September, Engineers day (Birth Anniversary of Sir Visvesvaraya): We celebrate this day as an

exceptional tribute to the best Indian Engineer Bharat Ratna Mokshagundam Visvesvaraya.

2nd October, Gandhi Jayanti (Mahatma Gandhi Birth Anniversary) and Lal Bahadur Shastri Jayanti: Gandhi Jayanti is praised in University consistently to stamp the birth commemoration of Mahatma Gandhi. In the University, a Gandhi Darshan exhibition hall has been instituted to display the life events of Bapu, showcasing truth, peacefulness, and contributions for freedom fight. Lal Bahadur Shastri's contribution towards making India a free and progressive nation is also recalled and acknowledged on this day.

**31st October, Ekata Divas (Birth Anniversary of Sardar Patel):** It is celebrated as National Unity Day or Ekta Divas to inculcate national unity and integrity principles.

| 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:**

1 Title of the Practice

Support to the society: Assistance for legal, medical and farmers aspects

- 2. Objectives of the Practice (100)
  - The University has adopted five villages (Badbai, Gondarmau, Jatkhedi, Mugaliya-Hat and Pipalner) of Bhopal with the object to improve in their Socio-economic conditions. Faculty of Homeopathic, Nursing, Pharmacy and Paramedical organises medical campus in adopted villages Free of Cost.
  - Faculty of Law organises free legal camps in adopted villages and for inmates of Central Jail Bhopal.
  - Faculty of Agriculture organises "Krishi Chaupal Charcha" and interact to farmers regarding their Agriculture related problems.
  - Beside benefitting the villagers, one of the objects is to train the students practically village conditions. Students get experiencial knowledge, develop skills, and also learn task and Time Management

#### 3. The Context (150)

The aim and scope of a health include the propagation of health care facilities in adopted villages in the vicinity of University. The extension activity helps students to understand real life problems encountered by common man.

- Legal Aid Camps help villagers to solve their disputes and villagers visit faculty of law to take advise on legal matters. Law students also visit central Jail of Bhopal to advice the prisoners in their Legal issues.
- The "Krishi Chopal Charcha" has been found to be very helpful for the farmers where they learn newer technology of farming, protection of crops, use of vermicompost and also less use of chemical fertilizers and pesticide. They visit the department to see the polyhouse to gain knowledge and Technology of mushroom cultivation and preparation of cookies from millets. These activities are focussed towards more scientific practices to be adopted with more income to farmers.

#### 4. The Practices (400)

#### 4.1. Medical Camp

- For Medical camps, faculty of Homoeopathy, Ayurvedic, Nursing and Paramedical decide the activity in the beginning of session in adopted villages of University
- One Coordinator, one Co-Ordinator are selected and organize the medical camp after contacting the sarparch and villagers on fixed date and place.
- The Coordinator prepare flexes for the camp and pamlets for distributing among the villagers where camp is organized
- Generally, villagers from nearby villages also attend the camp
- Faculty and students names for camps are decided & informed to concern well in advance.
- All the arrangements Transport, Medicines are finalized by the Coordinator.
- After the Medical camp approx. 15 to 20 patient are generally visiting the university hospitals for follow check ups.
- Nursing faculty of University organizes vaccination activities in its Hospital in adopted villages.
   Nearby village and slum area for Vaccination against COVID were also benefited. The Nursing faculty in coordination with Central Jail Bhopal, has arranged Vaccination, for Prisoners and their Employees during COVID..

#### 4.2 Legal Camps

The Faculty of Law and its Students organizes Legal Camps in adopted villages of University, slum areas and Central Jail in consultation with Sarpanch/ villagers, residents of slum areas and authorities of Central Jail, Bhopal, respectively

#### 4.3 Krishi Chaupal Charcha

In each five adopted villages, minimum 2 Krishi Chaupal Charcha in a year are organized during Kharif & Rabi seasons. Leaflets containing agriculture related topic are printed and distributed to farmers. Most of times the farmers are told about variety of crops seeds, use of fertilizers and pesticides and encourage them for the use of vermicompost for organic farming. Question/ answer sessions are also organized.

Progressive farmer's experiences are shared in the Krishi Chaupal Charcha. Some of the farmers have adopted Natural farming and they also share their experience.

In most of the camps vermicompost produced by faculty of Agriculture is distributed to the farmers free of cost

- Each adopted villages, farmers fix the date of visit to faculty of Agriculture to see the polyhouse research farm and departmental activity.
- In some villages, women have formed "self-help group" and after discussing with them the University decides the date for their visit. Women interested in Mushroom production and cookies production from millets are trained in this area

#### 5. Evidence of Success (200)

#### 5.1 Medical Camps

- The University have Hospitals in the departments of Homoeopath, Ayurvedic, Nursing and facility of blood test in paramedical faculty. Villagers after attending medical campus, 15 to 20 patient per day are visiting hospitals for follow up
- During the COVID period Paramedical Dept. has prepared "KARDHA" and distributed in many villagers and also police personals who coming daily to University for take Kardha for 2 months including Sundays & holidays.
- 36432 peoples of adopted villages have taken Arsenic Album 30 from Homoeopathy Hospital of the University.
- Nursing faculty in collaboration with Govt. of M.P. homoeopathic medicine Medical Dept. has done 4.92 Lakh Vaccination against COVID including prisoners of Central Jail.

#### 5. 2 Legal Camps

• Many Villagers of adopted villager where Legal camps were organized, visit Law Faculty for their Legal advice. The family and land disputes have been solved.

#### 5.3 Krishi Chaupal Charcha

- Sarpanch/ Villagers of village request to organize camp in their villages and all the arrangements are being made by them
- Farmers of Bhopal are visiting faculty of Agriculture for advice and training. Their soil testing is done free of cost in our laboratory
- On the request of villagers, we organize one day free of cost millets/ food technology and mushroom training.

#### 6. Problems Encountered and Resources Required (150)

Public cooperation: Most of the time the Panchayat help in organizing the activities and provide all the necessary help. Sometimes, the authorities of the School where camps is organized do not cooperat. Some of the villagers are hesitant in discussing their ailments and do not provide information required by the experts. Specially the woman patient. Although in each camp woman, faculty & students are present to help the woman patient

Language barrier: Many times, the local language becomes a barrier for students who discuss the problem in English or Hindi. Therefore help of Asha workers posted in that area are contacted.

Financing: the University provides budget for organizing the camps and in some camps various Pharmaceutical firms provide the Medicine free of cost. Our University also provide food packets and blankets for villagers on several occasion

Permission from relevant authority: No. Problems

#### 7. Notes (Optional) (150)

Medical, Legal camps and Krishi Caupal Charcha besides improving socioeconomic conditions
of five adopted villages, slum area and prisoners of Central Jail of Bhopal, the students are
benefitted in following ways

Learn the significance of helping others in need.

Get experiences and develop skills (communication, planning, teamwork, problem-solving, task management etc)

Broadens horizons by helping understanding the need of the society.

Students are advised to do community service to gain knowledge and skills including time management

It also increases chances of getting a job as community involvement provides good references for potential employers

- Now the villagers of adopted villages often comes to University asking for Medical, Legal, Krishi Chaupal Charcha camps.
- The farmers are continuously visiting us seeking advice & for testing of their soil.

#### 1. Title of the Practice

# 7.2.2 Green Initiative by University and energy field leading to innovation in Technology.

#### 2. Objective of the Practice (100)

- 1. Developing University campus as a Green campus by plantation and developing Garden & Promoting organic farming in Agriculture Research farm and encouraging farmers of adopted five villages of Bhopal for organic farming.
- 2. Innovative projects with modern and latest technologies having solar thermal, distillation, PV application and Agriculture equipments and robotics for students have been benefitted through recent technology and opportunity thus for enhancing their skills in "Activity Room". of University
- 3. To Encourage the students to learn and work in innovative technology & participation in National & international model making competitions.

#### **3. The Context (150)**

Today's most challenging issue is Climate change for which mitigation strategies are to be evolved. The students are trained through hands-on experiences to improve their knowledge and skills in Sir J C Bose Interdisciplinary Energy Park of University. The students are encouraged to participate in National and International competitions.

The University is developing its campus as "Green Campus" by maintaining gardens including Medicinal Gardens and producing 100 M. Tone/year Vermicompost being used in Agriculture Research Farm, developing Garden, plantation for greenery & specially preservation of Extinct Varieties of plants of M.P. State (1050 Plants of 22 species in campus). Besides above, we promote and encourage production of Vermicompost by training villagers in adopted 5 villages under Unnat Bharat Abhiyan.

This initative has been taken looking upon the unscientific way of using chemical fertilizers by the farmers. They have developed a notion that use of more fertilizer will result more production. Some times they get quantitatively more benefit but the soil quality decease resulting the loss of fertility of soil. This excise helps in developing understanding about organic farming.

#### 4.The Practice (400)

The Green Initiative by University and energy field leading to innovation in Technology id devided into two parts for implementation.

#### • Green Initiative by University

The University has developed a Medicinal Garden in the campus in addition to other new gardens. For the maintenance of garden, the University has signed MOU with M/S Nafees Nursery Bhopal and paying @ Rs. 1.20 Lakh/month. The faulty of Agriculture & Homoeopathy monitor the progress of these gardens regularly improvement if required is strictly adhered to .

- For promoting organic farming the University is producing 100mt/year Vermicompost for its 180 acres of Agriculture Research farm
- Plantation of Tree with the assistance of Forest Department Govt. of M.P. & specially plantation of Extinct variety of trees of M.P. in undertaken
- The University through approved consultant is conducing audit for energy, Green and Environmental Audit every year & based on the recommendations in their report, University takes necessary action to rectify it.
- Establishment of J. C Bose Interdisciplinary Energy Park

University has established 1st Carbon Capture plant in Asia & 3rd in the World, also installed a solar Thermal Energy Storage project with RPI University, USA and production of Biodiesel from Algee with the object to get salutation for climate change with mitigation strategics, research by the faculty, Training the students for hands on experiences. The University has established. "Activity Room" and Incubation center, where students perform their experiment enhance their skills by preparing models under the supervision of senior faculty.

- The university is developing a nursery of mangoes with implementing scheme of "Earn while you learn". The seed are collected from the employees and students are preparing saplings which are further grafted with the help of various varieties of mangoes. The plants prepared will be sold and the part of the income will be distributed among students
- Another venture related to sowing of 5000 Moringa seed. The moringa leaves and drum sticks have medicinal properties. The self help group of adopted villages are being trained in drying of leaves. The packed Moringa power will them be marketed. This way they are trained to become entrepreneur

#### **5.Evidence of success (200)**

- The University was awarded best clean & Green Campus award by Nitya Social welfare Society in the year 2017, Green Campus and Environment Conservation by Kultara Seva Samiti in the year 2018, Green campus "Swachhata Hi Seva Hai" by Nitya Social welfare Society in the year 2019, Green Campus and Concentration of rare species of plant by Rotary Club East, Bhopal in the year 2021, green and environment conservation by Awnee welfare Society in the year 2021
- While Working in J. C Bose Interdisciplinary Energy Park with collaboration of RPI University, USA and RKDF University, Bhopal Dr. Sohail Bux, Dr. Sanjay Jain, Dr. Sandeep Dubey, Dr. Ravi Kumar Singh Pippal, Dr. Meenakshi Samartha Post Doctoral Fellow was awarded and recognized
- The Research achievements of the University's CCS plant is appreciated by Niti Aayog & mentioned in their Annual Report twice.
- Students of University, while working in activity room, won 1st Prize at AUAP Thailand and South Korea in Innovative Model Making Competitions and won "Rs. 10 Lakh Prize" in Indo-US Science & Technology organized by DST Govt. of India
- Govt. of M.P. Dept. of forest have awarded Rs. 75000/- for successful plantation in University campus
- The University has adopted 5 villages of Bhopal under Unnat Bharat Abhiyan, in which during last 5 years faculty of Agriculture in collaboration with Sarpanch and farmers organized 104 Krishi Chaupal Charcha. Now the farmers are regularly visiting University for their day to day problems and most of farmers are coming for Testing of Soil and learning Vermicompost production technique. The efforts of University for conservation of Extinct variety of 22 species of plants have been appreciated at many forums & Rotary club of Bhopal has awarded the University for this venture.

#### **6.Problems encountered and resources required (150)**

Implementation of this practice requires more funding to be provided to students for making models and devices using advanced Technology. Seed money required for expansion of this activity provided by the university is not sufficient for making innovative Models. More financial assistance is needed by other agencies for international travels which has been provided two times by the University – for South Korea & Thailand Tours. However, for new advance technological resources exposure Government funding is required. Few projects with advance technology have been submitted to Government, the decision is awaited.

Availability of highly motivated students and slot from busy course schedule are other issue. To provide credits for to students live projects is underway.

The farmers have more liking towards chemical fertilizers because of market forces. They are advised by way of advertisement which says that the increase production use more chemical fertilizer. The villagers are not interested to listen the adverse effect of chemicals on their fields. Hence, they sometimes are not interested in attending are training.

#### 7.Notes (150)

The practice of involving students in live projects, model making competitions, innovation design & development of new devices etc is a win-win practice for students and the University:

- 1.Students which are involved in hands-on training and in innovative product development using advanced technology are poised to become successful entrepreneur.
- 2. The live projects with innovations sponsored by Govt. bodies like MNRE, DST, UGC, AICTE, DRDO and others with newer technology are flagship projects which are to be executed in mission mode. Involvements of students in these projects will enhance their confidence in execution projects funded by Government. This prepares they to face the challenges of real life by projects execution leading to improvement in employability attributes.
- 3. The initiatives taken by the University are reflected in adopted villages of Bhopal. They are moving towards organic farming, using less chemical fertilizers and managing self help groups for their economic development

| 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:**

University Excellence in the Mitigation of Climate Change leading to Innovation of Technology

#### Introduction

The University through its expertize in Technology took a lead in bringing International attention on launching Carbon Capture and Sequestration (CCS) in India through International Technology Transfer (Rensselaer Polytechnic Institute, New York, USA). Some of the technologies demonstrated include following products:

- Post combustion Carbon Capture and Sequestration Plant (30% CO2 capture and Sequestration Table Top) with data acquisition and instrumentation system.
- 100 kW Solar Roof top PV Plant which was first in MP state with Net-metering in 2018.
- Solar Thermal technology capable of with-standing over 14000C and retaining heat for over 8 hours through an innovative Halide salt, developed through technology transfer from RPI, USA.
- Two Sewage (250 KLD + 100 KLD) and Effluent Treatment Plant (50 KLD) in the campus.
- All the degradable and non-degradable waste materials are collected and processed in an environment friendly way. Bio-medical waste and e-waste disposable by certified agencies.

The persons from University were invited and participated in various International forums to reconfirm and align various technological aspects.

| S.No | Date             | Venue            | Topic                  | Remark                  |
|------|------------------|------------------|------------------------|-------------------------|
| 1.   | July 01, 2017    | OXFORD           | Climate Forum          | Dr. Sadhna Kapoor,      |
|      |                  | University,      |                        | Hon'ble Chancellor      |
|      | to               |                  |                        | was offered the         |
|      |                  | UK Forum         |                        | Honorary Post of        |
|      | July 10, 2017    |                  |                        | "Professor of           |
|      |                  | at Lucerne       |                        | Oxford Union UK".       |
|      |                  |                  |                        | Her address on          |
|      |                  |                  |                        | Climate Resilient       |
|      |                  |                  |                        | Agriculture and Soil    |
|      |                  |                  |                        | based Carbon            |
|      |                  |                  |                        | Sequestration           |
|      |                  |                  |                        | received                |
|      |                  |                  |                        | international           |
|      |                  |                  |                        | appreciation.           |
| 2.   | September 02, 20 | 17 Birmingham,   | Post Combust           | ionDr. Sethi as member  |
|      |                  | Alabama, U       | JSA, Carbon Conference | ce of Indian Delegation |
|      | to               | International En | ergy                   | including top           |
|      |                  | Agency – IEA     |                        | Officials of DST and    |
|      | September 17, 20 | 17               |                        | Ministry of Coal,       |

|    |                                      |                                    |                               | participated in PCC-4 Govt. of India for India's INDC in Coal Production, Use and Carbon Sequestration to Depleted mines through Carbon Capture Projects at Pit-heads was debated in the forum meeting.              |
|----|--------------------------------------|------------------------------------|-------------------------------|--|
| 3. | October 19, 2018 to October 29, 2018 | Melbourne, Australia               | Technology Conf.  (GHGT – 14) | as Promoting Carbon Capture and Sequestration activities on Indian Coal based plants to reduce Energy Penalty in regeneration of Solvents of a CCS Plant through use of solar was presented by Dr. Sethi in GHGT 14. |
| 4. | Aug 11, 2018<br>to<br>Aug 16, 2018   | Herriot Wat University Edinburg UK | tClimate Forum                | Dr. Sethi presented "Solar Thermal Storage Solid Pathway Technology for India" before Energy Technologists of the World at the Int. Forum on Energy, Environment and Economics.                                      |
| 5. | March 11, 2019 to March 18, 2019     | Oxford University<br>UK            | Climate Forum                 | Presented Key note address on "Next Generation Solar Thermal Coupled with 24x7 Thermal Storage" before International Energy Agency and Energy experts of the World on Solar Integration                              |

|  | Forum Meeting with |
|--|--------------------|
|  | CCS on Coal based  |
|  | Power Plants at    |
|  | Oxford University  |

We India's first Solar Integrated Carbon Capture and Sequestration (CCS) test plant sponsored by Govt. of India MOP/ CPRI at RKDF University, Bhopal using indigenous Technology

The purpose of this project is optimizing the process for CO2 removal from power plant flue gases by reactive absorption with the reduction of the energy requirement by integrating Solar energy. The idea using the technology is an innovation by the experts of the university.

#### Methodology

This Pilot plant has provided opportunity for feasibility study of installation of CCS Plant on a 500 MW unit using MATLAB simulation tool. Interfacing of Solar energy for Steam generation for solvent regeneration is a newer dimension of the feasibility study using technology.

A pilot plant of CO2 capture of 45 kg/hr. has been installed and commissioned at RKDF University through grant from CPRI. The University has designed a CO2 Capture plant for installation at ANPRA 500 MW Unit at Singrauli. It is basically related to Carbon Capture and Utilization (CCU) plant using inhouse technology which covers:

- Production of Algal Bio-mass @ 55 tons per hour using selected species of Algae viz. Mono-raphidiumminutum and Clorola Velgaris in the specially designed bio-reactor for culture preparation and algal pond which will produce Bio-diesel using trans-stratification process.
- Production of CO from CO2 using gasifier and producing Hydrogen using Water-Gas Shift (WGS) reactors.

Incorporation of Solar thermal plant of capacity 70 tons per hour for steam production both for MEA solvent regeneration and WGS reaction work out to make-up water consumption of 4.5%, i.e. 3 tons/hr. This novel concept of using Renewable Energy is expected to reduce energy penalty from of 15-17% to about 4-5%.

#### **Project Outcome**

An Innovative concept of Thermal Energy Storage using Halide salt under technology transfer agreement with RPI, USA is also proposed in the pilot study of solar assisted CCS on a larger thermal unit. This is a novel approach for reducing energy penalty as well as production of useful multipurpose fuels through Solar Assisted Post Combustion Carbon Capture.

| File Description                             | Document             |  |
|--|----------------------|--|
| Any other relevant information               | <u>View Document</u> |  |
| Appropriate web in the Institutional website | View Document        |  |

## 5. CONCLUSION

#### **Additional Information:**

- 1. The university has implemented scheme of **earn while you learn** for the students of Agriculture. The students are preparing the soil for planting 500 mango saplings for grafting. The grafted plants will be sold through nursery part of the income generated will be distributed to students.
- 2. Another scheme relates to women empowerment through Moringa plants. The university has 250 acres of land where 5000 moringa plants are grown. The leaves of moringa contains protein, calcium and other nutrients. Women group from villages are created. They will be trained for making powder of dried moringa leaves. The dried powder costs Rs. 1000 per Kg. It is expected to generate an income of Rs 15 Lakhs per year from this.
- 3. The moringa fruits are also used for the medicinal purposes. It will also generate additional income. A part of income generated will be given to selected women group. They will be trained to generate income through this process by their own.
- 4. The Ashwagandha and allovera plants will also be grown in the Gondarmau agriculture fields to train our students for medicinal use. That will also add in the income. In this way the self-help group from villages will be empowered.
- 5. Innovation in research through technology: The university has done pioneer work in the field of climate change by installing a CCPU in its Campus. This is an integrated solar thermal power system with a cost of Cr in collaboration with USA. To reduce carbon di oxide from the environment due to burning of coal is reduced using the pilot plant. The contribution in this area has received recognition at international level and the Oxford University awarded honorary Professor to our Chancellor Dr. Sadhna Kapoor in 2017 in Australia. Again the innovation was attracted the international people and the Chancellor was invited to receive Star award in the year 2022 at UK.

## **Concluding Remarks:**

The RKDF University has excelled in several areas in the last five years. Research and innovative activities in last five years have brought great distinction and global visibility carrying forward our academic legacy. The university to its credit number of patents granted by the authority as well as new innovations. Creating excellent infrastructural facilities has been a major strength of the university during the last five years. With the achievement at national and international level, university is well known in the central India. The population of the students at the university has grown more diverse during the couple of years.

The RKDF University is committed to the following objectives in the future through its perspective plan:

- 1. Dissemination of creating of knowledge, equity, inclusivity, excellence key and relevant research and delivery of quality education.
- 2. Making accessible to higher education to the various social classes with particular focus on increasing GER in the area of university.
- 3. Meeting job ambitions and supplies through numerous skill based program and courses proposed in the future plan.
- 4. Increasing the culture of research and innovation in various areas.
- 5. University is committed to work on environmental protection activities through reducing the use of carbon.

## **6.ANNEXURE**

#### 1.Metrics Level Deviations

| Metric ID | Sub Questions and Answers before and after DVV Verification                                  |
|-----------|--|
| 1.3.2     | Number of value-added courses for imparting transferable and life skills offered during last |
|           | five years.  |

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

Answer before DVV Verification: 222 Answer after DVV Verification: 64

Remark: As per supporting documents provided by HEI, Input modified

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

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

Answer before DVV Verification: 4323 Answer after DVV Verification: 4179

#### 2.1.1 **Demand Ratio (Average of last five years)**

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

Answer before DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 5806    | 5714    | 5699    | 5599    | 5459    |

Answer After DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 5806    | 5714    | 5679    | 5599    | 5459    |

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)

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

Answer before DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 2385    | 2314    | 2316    | 2366    | 2390    |

Answer After DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 1172    | 1172    | 1193    | 1083    | 1115    |

Remark: As per Data Template, Input modified

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

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

Answer before DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 85      | 76      | 56      | 49      | 39      |

Answer After DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 86      | 79      | 63      | 59      | 51      |

Remark: As per supporting documents provided by HEI, Input modified

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

#### 2.4.3.1. Total experience of full-time teachers

Answer before DVV Verification: 3925 Answer after DVV Verification: 3359

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

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

Answer before DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 26      | 27      | 30      | 14      | 22      |

#### Answer After DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 2       | 3       | 0       | 0       | 3       |

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

#### Lakhs)

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).

Answer before DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 181.14  | 140.67  | 142.8   | 67.85   | 42      |

Answer After DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 181.14  | 140.67  | 142.8   | 67.85   | 42      |

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

Answer before DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 40      | 64      | 73      | 61      | 18      |

Answer After DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 4       | 4       | 4       | 3       | 3       |

Remark: Input modified because Financial support by own society not considered

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

Answer before DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 34      | 42      | 58      | 64      | 59      |

Answer After DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 34      | 42      | 58      | 66      | 59      |

- 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)
  - 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.

Answer before DVV Verification: 8 Answer after DVV Verification: 3

- 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).
  - 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 yearwise during the last five years (INR in Lakhs).

Answer before DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 167.43  | 136.04  | 118.21  | 78.98   | 40.48   |

Answer After DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 167.43  | 136.04  | 118.21  | 78.98   | 40.48   |

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

Answer before DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 0       | 0       | 39      | 35      | 36      |

Answer After DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 4       | 36      | 10      | 24      | 0       |

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

Answer before DVV Verification: 247

Answer after DVV Verification: 1

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

Answer before DVV Verification: 506

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

Answer before DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 17      | 27      | 32      | 13      | 16      |

Answer After DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 17      | 27      | 32      | 13      | 16      |

- 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

Answer before DVV Verification : A. All of the above Answer After DVV Verification: A. All of the above

- 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

Answer before DVV Verification: A.. All of the above Answer After DVV Verification: B.. 3 of the above

Remark: As per supporting documents provided by HEI, Input modified

Number of research papers per teachers in the Journals notified on UGC website during the last five years

3.4.5.1. Number of research papers in the Journals notified on UGC website during the last five years.

Answer before DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 49      | 101     | 99      | 96      | 64      |

Answer After DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 49      | 101     | 99      | 95      | 64      |

- Number of books and chapters in edited volumes/books published and papers published in national/international conference proceedings per teacher during last five years
  - 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

Answer before DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 65      | 84      | 37      | 40      | 8       |

Answer After DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 62      | 80      | 37      | 37      | 7       |

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

Answer before DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 64.68   | 29.46   | 3.21    | 65.99   | 43.22   |

Answer After DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 6.15    | 0.77    | 0       | 48.59   | 26      |

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

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.

Answer before DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 12      | 6       | 4       | 2       | 1       |

Answer After DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 12      | 6       | 4       | 2       | 1       |

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

Answer before DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 64      | 18      | 41      | 52      | 33      |

Answer After DVV Verification:

| mswer inter B v v crimenton: |         |         |         |         |  |
|------------------------------|---------|---------|---------|---------|--|
| 2021-22                      | 2020-21 | 2019-20 | 2018-19 | 2017-18 |  |
| 48                           | 16      | 34      | 43      | 23      |  |

- 3.7.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/internship per year
  - 3.7.1.1. Total number of Collaborative activities with other institutions / research establishment / industry for research and academic development of faculty and students yearwise during the last five years.

Answer before DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 13      | 11      | 8       | 4       | 3       |

Answer After DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 7       | 7       | 8       | 4       | 3       |

- 4.1.4 Average percentage of expenditure for infrastructure augmentation excluding salary during the last five years (INR in Lakhs)
  - 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 |
|---------|---------|---------|---------|---------|
| 717.80  | 805.85  | 733.00  | 142.00  | 832.41  |

Answer After DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 717.80  | 805.85  | 733.00  | 142.00  | 832.41  |

- 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 |
|---------|---------|---------|---------|---------|
| 817.34  | 900.21  | 750.97  | 604.60  | 621.53  |

Answer After DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 789.14  | 900.2   | 788.43  | 879.74  | 621.53  |

Remark: As per supporting documents provided by HEI, Input modified

- 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).
  - 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)

Answer before DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 6071    | 7594    | 8299    | 8750    | 8830    |

Answer After DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 6071    | 7594    | 8499    | 8150    | 8830    |

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

Answer before DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 5773    | 7468    | 9272    | 5865    | 2201    |

Answer After DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 5169    | 7142    | 6104    | 3838    | 2143    |

- 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.)
  - 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

Answer before DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 1       | 1       | 2       | 6       | 5       |

Answer After DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 1       | 1       | 2       | 6       | 5       |

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

Answer before DVV Verification:

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

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

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

Answer before DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 32      | 31      | 32      | 41      | 40      |

Answer After DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 10      | 14      | 3       | 7       | 5       |

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

Answer before DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 217     | 93      | 113     | 256     | 246     |

Answer After DVV Verification:

| instruct B + + + entireation : |         |         |         |         |
|--------------------------------|---------|---------|---------|---------|
| 2021-22                        | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
| 166                            | 171     | 192     | 52      | 65      |

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

Answer before DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 46      | 57      | 66      | 20      | 62      |

Answer After DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 39      | 79      | 41      | 24      | 55      |

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 |
|---------|---------|---------|---------|---------|
| 230     | 324     | 358     | 233     | 207     |

#### Answer After DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 0       | 14      | 15      | 2       | 34      |

#### 2.Extended Profile Deviations

| ID  | Extended Questions  |
|-----|---|
| 1.2 | Number of outgoing / final year students year-wise during las |

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

#### Answer before DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 2488    | 3945    | 4606    | 3797    | 3703    |

#### Answer After DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 2488    | 3945    | 4606    | 3797    | 3703    |

#### 2.4 Total number of computers in the campus for academic purpose

Answer before DVV Verification: 1490 Answer after DVV Verification: 705

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

#### Answer before DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 1928.05 | 2108.07 | 1803.54 | 1635.91 | 1501.11 |

#### Answer After DVV Verification:

| 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|---------|---------|---------|---------|---------|
| 1928.05 | 2108.07 | 1803.54 | 1635.91 | 1501.11 |