



SELF STUDY REPORT

FOR

3rd CYCLE OF ACCREDITATION

JIWAJI UNIVERSITY

VIDY VIHAR, GWALIOR (M.P.)

474011

www.jiwaji.edu

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

September 2022

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Jiwaji University, Gwalior, Madhya Pradesh was established in May 1964, by an Act of Legislature of Madhya Pradesh Government. Dr. Sarwapalli Radhakrishnan, the then President of India, laid the foundation stone on 11 December 1964 at a sprawling campus of over 225 acres of land at Naulakha Parade ground. The territorial jurisdiction of the University is spread over the districts of Gwalior, Bhind, Morena, Sheopur, Datia, Shivpuri, Guna, and Ashok Nagar in the Gwalior-Chambal Division.

The motto of the University is embedded in its logo **Vidya Prapyate Tejah.**

- The University was accredited with an “A” grade in the previous cycle with a CGPA of 3.06/4.0.
- The University had 419 Government, Government aided and private colleges which are catering education to more than 2.32 lakh students under its jurisdiction in the field of Medical, Engineering, Science, Education, Management, Arts and Commerce.
- Presently, Jiwaji University has 35 Schools of Studies (University Teaching Departments, UTD) including 6 Centers that offer Graduate, post-graduate educational programmes and research in 12 Faculties catering to 3500 regular students.
- First University among traditional universities in Madhya Pradesh to have been granted GIAN Programme in Chemistry and Zoology by the MHRD in 2016-17.
- First University in MP to have been granted Fulbright-Nehru Specialist Programme (FNSP) by USIEF in Chemistry Department with Foreign Faculty in 2020-21.
- The University is maintaining a high standard in education and research with financial support from various funding agencies: UGC, CSIR, DST, DBT, DRDO, DOE, DAE, ICMR, ICAR, MoEF, MFPI, MoT including international funding agency The Royal Society of Chemistry, UK.
- The University has innovative programmes supported by the University Grants Commission (UGC), Department of Biotechnology (DBT), Ministry of Food Processing Industries, and Ministry of Tourism, UGC-SAP; DST-FIST; DBT-HRD; MoT-Skill development program.
- The Madhya Pradesh Higher Education Quality Improvement Programme (MPHEQIP) has recently identified its eight departments (Chemistry, Zoology, Botany, Physics, History & Archaeology, Commerce & Management, Library & Information Science and Placement Cell) as “Centre for Excellence” for financial support under World Bank project.
- University has ABP ICC-a fully equipped state-of-the-art facility with a seating capacity of 2000 including Art Gallery and an Open-Air theater.

Vision

- Our ability to enhance the well-being of the people by educating, creating knowledge, and serving society by putting the knowledge to work with excellence.
- To advance the professional competence of youth and inculcate in them the urge to recognize challenges as opportunities.

Mission

- To lead the nation in research and education for the benefit of society on a national and a global scale.
- University strives to create knowledge, open the minds of students to that knowledge, and enable students to take the best advantage of their educational opportunities.
- Jiwaji University embodies the spirit of excellence in teaching and research.
- Value creation through economic, social, and environmental development has been targeted to an increasingly global and multicultural world

Our Values

- Foster innovation and creativity
- Value excellence, quality, and service
- Integrity
- Diversity
- Collaboration
- Respect
- Leadership

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- The University has Choice Based Credit System (CBCS) since July 2015 and NEP since 2020.
- **Admission, examination, and declaration of results are fully automated under University Management System (UMS)**
- Every year convocation is held and degrees are conferred on time and gold medals for toppers of every course.
- The University has 49 self- supported professional skill oriented courses for enhancing employment opportunities for the students in India and abroad including vocational programs like Diploma, B.Voc., short term certificate courses aimed at skill development.
- The University has a research eco-system with four departments under DST-FIST, one under UGC-SAP, one under DBT, two under UGC-Innovative/Emerging area programme, one under MoT for skill development programme.
- The Madhya Pradesh Higher Education Quality Improvement Programme (MPHEQIP) has recently identified its eight departments (Chemistry, Zoology, Botany, Physics, History & Archaeology, Commerce & Management, Library & Information Science, Placement Cell) as “Centre for Excellence” for financial support under World Bank project.
- Research Projects are of high scientific, social and regional relevance.
- Publications in National and International level journals with good impact factors.
- Dedicated faculty with diversified research specializations, with externally funded major research projects, and faculty alliances with various National and International Institutions/Laboratories.
- Wi-Fi campus with-established central and departmental libraries with e-resources based on optical fiber.
- The University has excellent sports infrastructure such as a gymnasium, playgrounds, and other facilities for the promotion of sports, and organization of National level sports events.
- Well-established student feedback system, redressal of student grievances through weekly held ' (Public Hearing), Student helpline (toll-free number).

- Central Instrumentation Facility (CIF) with State-of-the-Art equipment
- Promotion of cultural activities through Youth festivals at the National level.
- Wi-Fi facilities are available in the campus.
- Green campus with eco-friendly waste management and conservation of resources and installation of 687 KVA Solar power plant on the campus.
- Atal Bihari Bajpai International Convention Center- A fully equipped state-of-the-art auditorium with a capacity of 2000 including Art gallery and Open-Air Theater

Institutional Weakness

- Inadequate faculty strengths to meet the student-teacher ratio.
- Inadequate administrative and skilled support staff for implementation of e-governance.
- Limited financial support from the State Government for expansion programmes and maintenance of existing infrastructure.
- Dependency on State Government for approval of several policy decisions.
- Lack of complete autonomy.
- Inadequate infrastructural facilities in affiliated colleges for achieving academic excellence.
- Insufficient research avenues in Arts, Humanities, and Social Sciences.

Institutional Opportunity

Excellent infrastructural network on campus

- DST-FIST, DBT, and World Bank Supported Departments on Campus

INFLIBNET Facility for students and faculty

Multidisciplinary research and teaching on campus

Linkages with International and National Institutes of excellence

Linkages with Industrial organizations for skill-oriented training for students and placement purposes

Availability of State of Art Scientific equipment for students and training and research purposes

Availability of the biggest Multi-Arts Complex for conducting Cultural activities

Wi-Fi campus

Visits of renowned Scientists/Teachers from National and International Educational Institutes to deliver lectures and for interaction with students and faculty.

- Creating a University with Potential for Excellence (UPE) and creating a Centre for Advanced Studies.
- Attract students from other parts of India and few from other countries too.
- Establishment of more skill-oriented professional courses and programmes.
- Establishment of community college.
- Construction of Students facility Center and Visiting Scholar Complex, and swimming pool.
- Buildings for Interdisciplinary School in Arts, Social Sciences and Technology.
- Scope for expansion of infrastructure towards establishing new departments in emerging disciplines like pharmacy, law, engineering and technology.
- Promote multidisciplinary research and issues related to local community.
- Scope for strong linkages with local industries for skilled human resource.
- Instituting 'Chairs' and establishing new 'Centre of Excellence' in specific domain of knowledge
- Enhancement of MOOC courses for Open Learning Community.
- Integrated Health Care services.
- Green campus with eco-friendly practices on campus.

Institutional Challenge

- State Govt apathy towards annual financial support and creation of new faculty positions proportion to new professional courses being added in every academic year
- Recruitment process of regular faculty in different disciplines to meet the student-teacher ratio.
- Apathy for supporting staff to catch up with the fast-changing developments in information and communication technologies.
- To bring the various disciplines under one roof for the promotion of collaborative and interdisciplinary research.
- Promotion of collaborative and interdisciplinary research in absence/paucity of regular faculty in several disciplines
- Implementation of academic reforms in affiliated colleges.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

- Implemented Choice Based Credit System (CBCS) since 2015 and NEP since 2020.
- 54 PG, 21 UG, 19 M.Phil. & 32 Ph.D., 6 PG Diploma programmes with well-designed curriculum on campus under the Faculties of Arts, Social Science, Education, Physical Sciences, Life Sciences, Commerce, Management, Engineering, Law, Technology and Physical Education.
- Other programmes in the Faculties of Music, Home Science, etc. are offered in affiliated colleges and institutes.
- The University reviews and upgrades the curriculum of different courses annually as per Ordinances and regulations. The individual Departmental Staff Councils propose structures of the programmes keeping in view the Programme Outcomes (POs) and Programme Specific Outcomes (PSOs). The curriculum enrichment and periodical review take place through the participation of various stakeholders including student representatives. The academic audit is a general practice in the teaching department.
- The University follows the guidelines of the regulatory bodies such as UGC, AICTE, NCTE, MCI, BCI, PCI, DEC for developing and/or restructuring the curricula with some modifications as per local requirements.
- Students are allowed to enroll in language courses while doing their regular PG courses.
- The University offers integrated course in modules of UG + PG in various courses.
- The systematic multi-stage process of revision of the syllabus takes into the confidence of all its stakeholders including the alumni, parents, industry, students, teachers, external members, and other experts.
- Employability is enabled through knowledge, training, skills, and abilities with the help of well-designed curriculum.
- Value education/NSS/YOGA.
- Industrial training/project work for students of all faculties.
- Two credit course work through GIAN programme sponsored by MHRD/IITKGP.
- Earning credits by adopting SWYAM/MOOCs.
- Feedback from students both on courses and teachers along with Employers and Alumni is an integral part of all academic programmes which provide scope for further improvement in the design and implementation of the curriculum.

Teaching-learning and Evaluation

- Admission process online with transparent admission policy
- Fee structures published in website for all programmes.
- Reservation policy of State for SC, ST, OBC, women, physically handicapped, freedom fighters ward, J & K migrants
- Around 30% of students are from outside the state of Madhya Pradesh and 60% of students are girls.
- Orientation programmes, Group discussions for assessing and improving the learning levels of the students.

- Differently abled students and slow learners are provided extra study material and tutorials.
- Students have training programmes, project work, industrial visits, and also get exposure in culture, sports, alumni activities, and feedback mechanism.
- Students from weaker sections are provided with remedial classes. Advanced learners are offered enrichment courses and useful suggestions for UGC/CSIR/NET/GATE/GPAT examinations.
- Student-centered learning processes on the campus
- ICT tools available
- Average percentage of full-time teachers against sanctioned post 52%
- 90% of the faculty have Ph.D. degree
- Average faculty experience is 22 years
- 69% of the staff have distinguished themselves by receiving awards
- Faculty diversity is at 18% who are from other states
- Implementation of University Management System (UMS)
- Fully computerized evaluation process
- Average percentage of student complaints/grievances about evaluation 17%
- OMR answer copies are shown to students
- 93% students pass the university examination and receive academic degree
- Attainment of POs, PSOs and COs is measured through continuous internal assessment and external evaluation in 40:60 ratio under CBCS pattern
- 80% of registered students get placed

Research, Innovations and Extension

Vibrant research atmosphere which promotes multidisciplinary and multi-institutional research programs.

- The University developed research linkages with several Scientific Institutions

The University has set up the 'Central Instrumentation Facility' which houses State-of-the art Scientific equipment, sound R&D infrastructural, computational facilities, CTR and seed money grants to faculty members

- Provision in the annual budget for upgradation of R&D infrastructure besides major infrastructural grants secured from DST-FIST, UGC-SAP, DBT, Centre of Excellence etc.
- The University laid down R&D policy which endeavours the Public to reap the benefits of it's research activities at large and accordingly, the focus of research is more on applied aspects of public concern.
- The Bibliometric of the publication from the University during the last five years based on average citation index in SCOPUS/WEB OF SCIENCE/INDIAN CITATION INDEX remains at 17478 citations and 13.5 citation indices.
- The overall h-index of the university based on SCOPUS stands at 58 and in the last five years at 42.
- The University generated a total of 1294 publications in various scientific journals during the preceding five years.
- The University has developed a linkage with DSIR for free patenting the innovative R&D works of the

University. The University so far published 9 patents to its credit and organized workshop and seminar on IPR and Industry-Academia collaboration.

- The University provides travel grants and PDF from it's own resources not only to faculty but also to students for attending conferences and training programs abroad to enhance their research capabilities.
- Another significant initiative is, award of 'Start up grants' to students with entrepreneurial orientation to promote commercialization of innovative and value added R&D products developed in research laboratories of the University.
- In order to promote research horizons of students, they are sent to MoU signed Institutes/Industries where they undertake 3-6 months' of research projects under the supervision of senior R&D personnel of host Institutes in every academic year.
- In order to disseminate the knowledge created, the University initiated the publication of online research journals in four faculties viz. Physical Sciences, Life Sciences, Social Sciences, and Law.
- The University has characteristic features like one district one product (ODOP) and Gwalior to Global (G to G) schemes.

Infrastructure and Learning Resources

- 95% of classroom and seminar halls ICT enabled
- Adequate facilities for sports and cultural activities
- 32.4% of expenditure for infrastructure augmentation
- Library Management System with KOHA software
- 961 rare books, 214 manuscripts and 50 special reports
- 6143 e-Journals through e-Shodhshindhu and 26588 from University subscription and 04 international database
- 4740 e-books subscribed by the University and 100 Brail books through NVDA
- 144.8 lakhs average annual expenditure for books and journals
- Availability of remote access to e-resources through mapmyaccess software
- Average per day usage of library 62%
- E-PG Pathshala developed by faculty member
- Adoption of MOOC course in Food Technology and SWAYAM in Physics.
- IT Facility including Wi-Fi
- 1GBPS bandwidth from NIC
- Student-Computer ratio: 3:1
- Facility for e-content development is under process
- Average 60% expenditure incurred on maintenance of physical facilities and academic support facilities
- Engineering Section of the University takes care maintenance work

Student Support and Progression

- 1248 students get benefited by scholarships and free ships provided by the Government during 20-21 and 4359 in the last 5 years.
- The Average number of students who benefited from guidance for competitive exams and career counseling increased from 10 (2016-17) to 150 (2020-21).
- Students have progressed to PhD and post-doctoral fellowships in different National and International Institutes.
- The University has a fairly good, transparent, and structured redressal mechanism for students via,

Proctorial Board, Internal Complaint Committee (Sexual Harassment), and Discipline committee.

- The placement of outgoing students increased from 40 (2016-17) to 168 (2020-21) i.e, more than fourfold.
- 5-10% of students pursue higher studies.
- Number of students appearing in state/national/international level exam (NET/SLET/GATE/GMAT/CAT/TOFEL/Civil Services/State Government exam) of which 175 students qualified during last 5 years.
- The number of awards/medals for outstanding performance in sports/ cultural activities at national/ international level was fairly consistent.
- Various academic bodies like Board of Studies, Academic Council, and other committee like Anti Ragging Committee, Anti Sexual Harassment Committee has due representative of student member.
- The number of sports & cultural activities/ competitions enhanced from 66 (2016-17) to 85 (2019-20). During 2020-21, events were organized in less number due to COVID-19 pandemic.
- The alumni portfolio of the institution is very strong. They regularly hold meetings and very generously donate to the development of the institution.

Governance, Leadership and Management

- Good governance and leadership to develop into a Best Practice
- Synergy between academia and administration
- Developing culture of excellence through participative management viz. The Court, The Executive Council, Academic Council, Finance Committee, Planning & Evaluation Board, DCDC Council, Departmental Staff Council
- Autonomy to academic departments
- **Welfare Schemes for Teaching & Non-teaching Staff:** Residential Accommodation; House Building Advance; Vehicle Advance; Group Insurance Scheme; Medical Benefits; Teachers Welfare Fund; Non-teaching welfare fund; Free transport to Employees
- **Financial Support to attend and to organise:** Conferences/workshop and membership of Professional bodies.
- **Professional Development Programmes:** All the teachers have attended/are attending Orientation/Refresher/Short Term courses.
- **Performance Appraisal System** for Teaching & Non-teaching staff: Done annually
- **Financial Audit:** Internal-Resident audit of MP Govt.; External-Annual audit through CAG
- **Mobilization of funds:** Student fees; Interest on Corpus fund; Rent from Establishment inside the campus; Alumni support; Earning from training/workshop
- IQAC in existence for the last 9 years since 2014 plays a vital role in NAAC accreditation-II and III cycle and submission of AQAR
- Designing Curriculum and syllabus, Student Feedback, Participation in Swatch Bharat Abhiyan, Academic Administrative Audit, ISO certification, IQAC meetings

Institutional Values and Best Practices

- Organizes gender equity and gender sensitivity programmes every year
- **Alternate sources of energy and energy conservation measures.**
- Sustainable solid waste management through vermicomposting technique
- Energy conservation through solar energy, use of LED

- Rain water harvesting
- **Green Practices:** Use Bicycles (About 50%); Public Transport (About 80%); Pedestrian Friendly Roads; Plastic Free Campus; Green Landscaping with Trees and Plants; No Vehicle Zone on every Monday. In addition, the University has a medicinal garden namely **Charak Udyan** which contains several rare plants.
- Average total expenditure on green initiatives and waste management excluding salary component during the last five years # 10.0 lakhs
- **Local Community Development:** Yoga Camps for public every day; Regular Health Camps (Every Sunday) for public; Oxygen rich zone open for public; Summer camps for children.
- Divyangan -friendly and barrier-free environment
- Several activities are organized by the University and various departments to increase consciousness about national identities and symbols, Fundamental Duties and Rights of Indian citizens and other constitutional obligations.
- Different cells/committees for maintaining discipline.
- Beyond the campus environmental promotional activities
- Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties, and responsibilities of citizens

- **Best Practice:**
- Energy conservation and sustainable solid waste management
- Excellence in Sports

- **Institutional distinctiveness:**
- Central Instrumentation Facility

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the University	
Name	JIWAJI UNIVERSITY
Address	Vidy Vihar, Gwalior (M.P.)
City	GWALIOR
State	Madhya Pradesh
Pin	474011
Website	www.jiwaji.edu

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Vice Chancellor	Avinash Tiwari	0751-2442701	9131128574	0751-2341450	vcjiwaji@gmail.com
IQAC / CIQA coordinator	Sushil Kumar Gupta	0751-2442764	9406587806	0751-2341768	skggwr@gmail.com

Nature of University	
Nature of University	State University

Type of University	
Type of University	Affiliating

Establishment Details	
Establishment Date of the University	23-05-1964
Status Prior to Establishment, If applicable	

Recognition Details		
Date of Recognition as a University by UGC or Any Other National Agency :		
Under Section	Date	View Document
2f of UGC	23-05-1964	View Document
12B of UGC	23-05-1964	View Document

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

Location, Area and Activity of Campus							
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.	Programmes Offered	Date of Establishment	Date of Recognition by UGC/MHRD
Main campus	Vidy Vihar, Gwalior (M.P.)	Urban	303.8	139923.7	UG, PG, MPhil, PhD		

2.2 ACADEMIC INFORMATION

Affiliated Institutions to the University

Type of Colleges	Permanent	Temporary	Total
Education/Teachers Training	6	171	177
Business Administration/Commerce/Management/Finance	1	12	13
Universal/Common to All Disciplines	43	186	229

Furnish the Details of Colleges of University

Type Of Colleges	Numbers
Constituent Colleges	0
Affiliated Colleges	419
Colleges Under 2(f)	21
Colleges Under 2(f) and 12B	54
NAAC Accredited Colleges	35
Colleges with Potential for Excellence(UGC)	0
Autonomous Colleges	5
Colleges with Postgraduate Departments	128
Colleges with Research Departments	0
University Recognized Research Institutes/Centers	28

Is the University Offering any Programmes Recognised by any Statutory Regulatory Authority (SRA)	: Yes										
<table border="1"> <thead> <tr> <th>SRA program</th> <th>Document</th> </tr> </thead> <tbody> <tr> <td>AICTE</td> <td>107058_5648_1_1604213647.pdf</td> </tr> <tr> <td>NCTE</td> <td>107058_5648_4_1604213199.pdf</td> </tr> <tr> <td>PCI</td> <td>107058_5648_6_1653464029.pdf</td> </tr> <tr> <td>BCI</td> <td>107058_5648_8_1604214139.pdf</td> </tr> </tbody> </table>	SRA program	Document	AICTE	107058_5648_1_1604213647.pdf	NCTE	107058_5648_4_1604213199.pdf	PCI	107058_5648_6_1653464029.pdf	BCI	107058_5648_8_1604214139.pdf	
SRA program	Document										
AICTE	107058_5648_1_1604213647.pdf										
NCTE	107058_5648_4_1604213199.pdf										
PCI	107058_5648_6_1653464029.pdf										
BCI	107058_5648_8_1604214139.pdf										

Details Of Teaching & Non-Teaching Staff Of University

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned	19				35				75			
Recruited	5	0	0	5	8	0	0	8	27	8	0	35
Yet to Recruit	14				27				40			
On Contract	11	1	0	12	0	0	0	0	46	84	0	130

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned				359
Recruited	211	39	0	250
Yet to Recruit				109
On Contract	197	10	0	207

Technical Staff				
	Male	Female	Others	Total
Sanctioned				21
Recruited	9	2	0	11
Yet to Recruit				10
On Contract	0	0	0	0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	3	1	0	0	0	0	0	0	0	4
Ph.D.	1	0	0	8	0	0	26	8	0	43
M.Phil.	0	0	0	0	0	0	1	0	0	1
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	53	83	0	136
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	4	2	0	6
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	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	11	1	0	12

Chairs Instituted by the University

Sl.No	Name of the Department	Name of the Chair	Name of the Sponsor Organisation/Agency
1	Political Science and Public Administration	Mahatma Gandhi Chair	UGC New Delhi
2	Ancient Indian History Culture and Archaeology	Tribal Chair	UGC
3	Commerce and Business Studies	CBI Endowment Chair	Central Bank of India

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

Programme		From the State Where University is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	1109	28	0	0	1137
	Female	681	17	0	0	698
	Others	0	0	0	0	0
PG	Male	708	46	0	0	754
	Female	825	51	0	0	876
	Others	0	0	0	0	0
PG Diploma recognised by statutory authority including university	Male	14	3	0	0	17
	Female	6	0	0	0	6
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	70	24	0	0	94
	Female	89	17	0	0	106
	Others	0	0	0	0	0
Diploma	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0
Post Doctoral (D.Sc , D.Litt , LLD)	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0
Certificate / Awareness	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0
Pre Doctoral (M.Phil)	Male	74	0	0	0	74
	Female	22	0	0	0	22
	Others	0	0	0	0	0

Does the University offer any Integrated Programmes?	Yes
Total Number of Integrated Programme	2

Integrated Programme	From the State where university is located	From other States of India	NRI students	Foreign Students	Total
Male	57	4	0	0	61
Female	58	3	0	0	61
Others	0	0	0	0	0

Details of UGC Human Resource Development Centre, If applicable

Year of Establishment	Nil
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

Accreditation Details

Cycle Info	Accreditation	Grade	CGPA	Upload Peer Team Report
Cycle 1	Accreditation			
Four Star	70.6			
		Cycle 1.pdf		
Cycle 2	Accreditation			
A	3.06			
		Cycle 2.pdf		
Cycle 3	Accreditation			

2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

Department Name	Upload Report
Central Instrumentation Facility	View Document
Centre For Genomics	View Document
Centre For Journalism And Mass Communication	View Document
Centre For Yogic Science	View Document
Indira Gandhi Academy Of Environmental Education Research And Ecoplanning	View Document
Regional Study Centre For Culture And Heritage	View Document
School Of Studies In Ancient Indian History Culture And Archaeology	View Document
School Of Studies In Biochemistry	View Document
School Of Studies In Biotechnology	View Document
School Of Studies In Botany	View Document
School Of Studies In Chemical Sales And Marketing Management	View Document
School Of Studies In Chemistry	View Document
School Of Studies In Commerce And Business Studies	View Document
School Of Studies In Computer Science And Application	View Document
School Of Studies In Economics	View Document
School Of Studies In Electronics	View Document
School Of Studies In Engineering And Technology	View Document
School Of Studies In Environmental Chemistry	View Document
School Of Studies In Food Technology	View Document
School Of Studies In Geology	View Document
School Of Studies In Jyotirvigyan	View Document
School Of Studies In Language	View Document
School Of Studies In Law	View Document
School Of Studies In Library And Information Science	View Document

School Of Studies In Life Long Extension Education And Social Work	View Document
School Of Studies In Management	View Document
School Of Studies In Mathematics And Allied Science	View Document
School Of Studies In Microbiology	View Document
School Of Studies In Neuroscience	View Document
School Of Studies In Pharmaceutical Sciences	View Document
School Of Studies In Physical Education	View Document
School Of Studies In Physics	View Document
School Of Studies In Political Science And Public Administration	View Document
School Of Studies In Tourism And Travel Management	View Document
School Of Studies In Zoology	View Document

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	Jiwaji University is the first University in Madhya Pradesh that has initiated four years UG programme under CBCS having a multidisciplinary/interdisciplinary approach with multiple entry/exit facilities from the session 2021-22 in eight subjects viz. Chemistry, Physics, Mathematics, Biochemistry, Botany, Zoology, Mass Communication, and Commerce. Ordinance 14A specifically meant for University/Autonomous colleges is fully operational by the Jiwaji University as per Govt's order no.850/138/CC/21/38 dated November 3, 2021.
2. Academic bank of credits (ABC):	The University is registered in Digi Locker NAD for the academic bank of credits and the student's credentials in the prescribed format of Digi locker are being uploaded.
3. Skill development:	Various Skill development programmes have been conducted in Central Instrumentational Facility (CIF), Jiwaji University, Gwalior under NEP. An incubation centre has been established and budgetary allocation for 2022-23 has been made. Students are

	being encouraged to initiate Start-up on the university campus. Few students have come up with their ideas and work on this line is in progress.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	A brief historical background of each course under NEP has been introduced in the context of India and Indian culture including the biography of eminent Indian scientists and personalities. This will enable students to have knowledge of Indian culture in their related fields of interest.
5. Focus on Outcome based education (OBE):	The syllabus of both UG and PG courses has been framed according to the outcome-based curriculum framework by the UGC and the University respective Board of Studies (BoS). Each course has specific Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs). The attainment of course outcomes has been made by both direct and indirect evaluation. The University is in the process of mapping course outcomes with PO and PSO. Each department has been given the responsibility of doing this mapping with the current year batch.
6. Distance education/online education:	The University has had a School of Studies in Distance Education since 1995 to provide open and distance learning. The School of Studies in Distance education has both UG and PG programmes in Arts, Social Science, Science, Library and Information Science, Commerce and Management studies. All the programmes have an affiliation with the Distance Education Council (DEC) of India. All the regular departments of the University are involved with distance education by conducting contact programmes, providing study materials, and making available labs, libraries and classes when required. The University has an annual license for Cisco Webex virtual platform for all the faculty members for providing a training centre (online classes), event centre (webinar) and meeting centre for conducting meetings and PhD viva. During the corona period, this has been a very valuable tool for our students in getting an online education.

Extended Profile

1 Program

1.1

Number of programs offered year-wise for last five years

2020-21	2019-20	2018-19	2017-18	2016-17
81	77	71	70	69
File Description		Document		
Institutional data in prescribed format		View Document		

1.2

Number of departments offering academic programmes

Response: 35

2 Students

2.1

Number of students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
2229	1368	1505	1648	2283
File Description		Document		
Institutional data in prescribed format		View Document		

2.2

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

2020-21	2019-20	2018-19	2017-18	2016-17
1979	1269	1434	1618	2261
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**

2020-21	2019-20	2018-19	2017-18	2016-17
2229	1368	1505	1648	2068
File Description		Document		
Institutional data in prescribed format		View Document		

2.4**Number of revaluation applications year-wise during the last 5 years**

2020-21	2019-20	2018-19	2017-18	2016-17
04	54	44	55	57

3 Teachers**3.1****Number of courses in all programs year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
2645	2473	2207	2167	2122
File Description		Document		
Institutional data in prescribed format		View Document		

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

2020-21	2019-20	2018-19	2017-18	2016-17
67	72	72	77	80
File Description		Document		
Institutional data in prescribed format		View Document		

3.3

Number of sanctioned posts year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
128	128	128	128	128
File Description		Document		
Institutional data in prescribed format		View Document		

4 Institution**4.1****Number of eligible applications received for admissions to all the programs year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
3821	1420	2341	2839	2812
File Description		Document		
Institutional data in prescribed format		View Document		

4.2**Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
1632	1300	1284	1294	1323
File Description		Document		
Institutional data in prescribed format		View Document		

4.3**Total number of classrooms and seminar halls****Response: 246****4.4****Total number of computers in the campus for academic purpose****Response: 791**

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

2020-21	2019-20	2018-19	2017-18	2016-17
3290	2836	4395	3739	3522

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:

Jiwaji University, Gwalior attempts to take learning to a different level by aptly blending state-of-art pedagogy, technology, curriculum, infrastructure, skill development and societal connection. To achieve this vision, the University has developed diverse and need-based innovative academic programmes in all plausible spheres of knowledge building and help in finding appropriate solutions to the basic problems of society. The University timely identifies the needs of the society and restructures its existing courses, which are reflected in the **programme outcomes, programme-specific outcomes** and in **course outcomes**.

The University provides a vibrant academic environment for the creation and dissemination of knowledge promoting an interdisciplinary approach in both research and teaching, linkages with National and International Educational Organizations, training workshops, organization of international and national conferences, symposia, youth festivals, community connect programmes, awareness programmes, national sports events, exchange programmes and celebration of days of importance. Some of the innovative initiatives of the University are:

- 1.The University has started four years eight semesters Honours courses in eight subjects, viz. Chemistry, Physics, Mathematics, Biochemistry, Botany, Zoology, Mass Communication and Commerce under the National Education Policy with multiple entry-exit facility.
- 2.The University has made registration in Digi Locker NAD for the academic Bank of Credits (ABC). All students' credentials are being deposited in the prescribed format of Digi Locker.
- 3.The University established a Centre for Translational and Ayurvedic Research to promote product-oriented research through mitigation of existing 'cultural and 'geographic barriers'.
- 4.The University has started an Incubation Centre named "DESIRE" on campus for the students. Under this centre, start-up programmes are opened up for the students to earn while they are learning through part-time jobs.
- 5.The trained sensitive professionals through M.A. (Extension education & Social Work) programme are able to address the various societal issues.
- 6.The faculty of Science, Life Science, and Technology offers programmes, distinguished for their innovative research, updated curricula, state-of-the-art facilities for trans-disciplinary teaching and learning and research exposure in leading research laboratories in India and abroad, industries and R&D organizations.
- 7.To address the issues of local/national/regional/global regions, different programmes/courses have been designed. **The Neuroscience programme** extends interdisciplinary and inter-Institutional training to the students and prepares them to tackle the challenges related to brain disorders. **The Molecular & Human Genetics** course prepares well-trained and skilled manpower for effective diagnostics and counselling on the clinical problems related to congenital or heritable

disorders. **The Biotechnology programme** focuses on applications of transformation technology in drug development and plant biotechnology and provides hands-on training to the students.

8. **MBA (Chemical Sales and Marketing Management)** programme has been restructured in view of the present era of liberalization, privatization and globalization. The programme prepares students academically sound and professionally competent so that they can face the challenges of the modern business world in the best possible manner.

9. **MBA (Tourism) programme** is developed and designed to prepare trained and qualified executives that can meet the expectations of the global industry of tourism and help them in tackling multifaceted management-related issues.

File Description	Document
Upload Additional information	View Document
Link for Additional information	View Document

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

Response: 82.72

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

Response: 67

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

Response: 81

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
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: 79.74

1.1.3.1 Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
2137	1985	1747	1711	1688

File Description	Document
Programme/ Curriculum/ Syllabus of the courses	View Document
MoU's with relevant organizations for these courses, if any	View Document
Minutes of the Boards of Studies/ Academic 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

<p>1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.</p> <p>Response: 40.72</p>								
<p>1.2.1.1 How many new courses were introduced within the last five years.</p> <p>Response: 1077</p>								
<p>1.2.1.2 Number of courses offered by the institution across all programmes during the last five years.</p> <p>Response: 2645</p>								
<table border="1"> <thead> <tr> <th>File Description</th> <th>Document</th> </tr> </thead> <tbody> <tr> <td>Minutes of relevant Academic Council/BOS meeting</td> <td>View Document</td> </tr> <tr> <td>Institutional data in prescribed format</td> <td>View Document</td> </tr> <tr> <td>Any additional information</td> <td>View Document</td> </tr> </tbody> </table>	File Description	Document	Minutes of relevant Academic Council/BOS meeting	View Document	Institutional data in prescribed format	View Document	Any additional information	View Document
File Description	Document							
Minutes of relevant Academic Council/BOS meeting	View Document							
Institutional data in prescribed format	View Document							
Any additional information	View Document							
<p>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).</p> <p>Response: 95.06</p>								
<p>1.2.2.1 Number of Programmes in which CBCS / Elective course system implemented.</p>								

Response: 77	
File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Institutional data in prescribed format	View Document
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:

In order to integrate the cross-cutting issues relevant to gender equality, environment and sustainability, human values and professional ethics, Jiwaji University has initiated different types of courses in the curriculum, some enhance professional competencies while others aim to inculcate general competencies like social & ethical values, human values, environment sensitivity etc., thereby leading to the holistic development of students and research scholars.

Jiwaji University has introduced Environmental studies as a course in various undergraduate and Postgraduate programmes to familiarize students with the environment and sustainable development-related issues through innovative teaching-learning processes. Some of them are mentioned here for reference. The BA-LLB and B.Com-LLB have a course on Environmental Law, M. Com. has a course on Business Environment, MA (Extension & Social Work) has a course on Environmental Perspective in SW and a course on Environmental Economics in MBA (Business Economics) exposes the students with basic concepts and importance of different environmental issues.

The curriculum of M.Sc. Environmental Chemistry and Environmental Science are designed to address the different environment-related issues. The other postgraduate programmes of the University also deal with the issues related to specific environmental problems. The students are also made familiar with the environment through different types of programs, quizzes, competitions, rallies, plantations etc. that are organized on regular basis on campus.

Gender-related papers are designed in different programmes of the University e.g., Women Studies in MA (Extension & Social Work) programme. Moreover, the University has a proactive Women Development Cell and Internal Complaints Committee which looks into the grievances and complaints of all students and ensures gender sensitive and safe environment for all. The Women Development Cell also conducts many activities to encourage women to fight against any kind of bias and ensures gender equity in every respect. Ethics is also a part of different programmes and the students are exposed to ethical standards. Various other activities like lecture series by eminent personalities, plays, street plays, posters, rally, blood donation camps, etc. are also organized by different departments of the University to expose the students and research scholars to issues related to the environment, gender equality, human values and professional ethics.

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: 174

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

Response: 174

File Description	Document
Institutional data in prescribed format	View Document
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: 71.31

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.

2020-21	2019-20	2018-19	2017-18	2016-17
1303	1267	1244	1285	1024

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

Response: 56.98

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

Response: 1270

File Description	Document
List of Programmes and number of students undertaking field projects research projects/ / internships (Data Template)	View Document
Any additional information	View Document
Link for additional information	View Document

1.4 Feedback System

<p>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</p> <p>Response: A. All 4 of the above</p>	
File Description	Document
URL for stakeholder feedback report	View Document
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

<p>1.4.2 Feedback processes of the institution may be classified as follows:</p> <p>Response: A. Feedback collected, analysed and action taken and feedback available on website</p>	
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: 0.96

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

2020-21	2019-20	2018-19	2017-18	2016-17
3263	2600	2567	2588	2645

File Description

Document

Demand Ratio (Average of Last five years) based on Data Template upload the document

[View Document](#)

• Any additional information

[View Document](#)

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: 68.81

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

2020-21	2019-20	2018-19	2017-18	2016-17
1104	894	882	888	930

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:

Every academic year, the commencement of the academic programs at Jiwaji University starts with a general Welcome-cum-Orientation program for students wherein the students are appraised about the scope, objectives, and opportunities available for the subject of study, campus facilities, the need to avoid ragging and time management for academic excellence.

The Vice-Chancellor personally welcomes all the new entrants, and the Deans of various Faculties address the students about academic programs and opportunities available.

Further, each department conducts an orientation program for its own students on the very first day of starting the program. The University Library also conducts an orientation program for the use of Library resources department/faculty-wise. The Proctorial Board of the University also organizes special sessions for the new students to sensitize them towards Anti-ragging Prevention of sexual harassment, etc. Besides, the Sexual Harassment against Women (SHAW) Cell annually conducts a day-long sensitization programme for the Prevention of Sexual Harassment of Women and also promotes a more conducive inter-gender environment on the Campus. Students have the opportunity to discuss their aim and objectives in the informal welcome programme organized by the university. Further, teachers in various departments have an equal share of mentoring students throughout the entire semester period. The University has taken initiatives and strategies in opening different new courses based on the requirement of the student population in the current perspective through various bodies viz. Planning & Evaluation Board, Academic Council, Executive Council, and finally the Coordination Committee of M.P. Higher Education. Considering the heterogeneous composition of the students, adequate opportunities are created for promoting gender sensitivity, mutual respect, and social mixing. Orientation programs for SC/ST students are conducted by the University to familiarize themselves with the various courses and facilities available to them. A student counseling facility is also made available to the students with specific requirements.

Remedial Courses are offered for slow learners who come from vernacular backgrounds. Such courses are provided by the Department of Language, IT Cell and Mentors. Ability enhancement courses such as English, and Environmental Sciences are added in the very first semester of the timetable. Similarly, yoga education in M. P. Ed. and Environmental Economics for M.Sc. Environmental Science and MOOCs for M.Sc. Food Technology is also available for students. For weaker or poor performer students, extra classes are arranged and reference materials are provided.

Bridge courses are conducted in various departments to help students who face problems while integrating into the enrolled programmes. The bridge or preparatory course offered by the Department of Extension Education and Social Work, Centre for Yogic Science, Computer Science and Application help students make the transition into the Master's course.

Faculty involvement: The University takes academic initiatives to organize group discussions and personality development workshops for both UG and PG students. Besides these, special coaching of NET/SLET, Civil Services, and other National tests are also arranged for motivated and advanced learners. MHRD-GIAN programmes video lectures of foreign faculty are available in Chemistry and Zoology for the benefit of students of advanced learners.

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: 33.27	
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
<p>Response:</p> <p>As the students are the center of attention in every educational institution and one of the most important stakeholders, all the programs are designed to fulfill their requirements. They are given representation in curriculum development, seminars, and group discussions, and they are prepared to develop leadership qualities by giving representation on the basis of the best performance in their results. In every activity, one or two students are selected to represent the students' community. Students are encouraged to engage in self-motivated, problem-solving approaches to sensitize them toward the practical utility of their knowledge.</p> <p>Participative learning practices include group-based seminars, presentations, discussions, quizzes, short projects, and assignments. Students volunteer participation in departmental activities also achieve learning through informal ways of learning by doing. An important example of participative learning is the sports activities, cultural events, and NSS.</p> <p>Industrial visits, internships, field trips, laboratory visits, and extramural lectures by experts enable Experiential Learning. The student-centered classroom operates on collaboration, project-based learning, technology integration, and plenty of conversation between students and teachers about learning. Social awareness and responsibility through NSS, Yogic practices, and social outreach activities are undertaken by several departments which are examples of Problem Solving Methodologies. Students go out into the real world, tackle issues, and propose solutions. The following steps to build a remarkable student-centered learning process on the campus:</p> <ol style="list-style-type: none"> 1. Smart Classrooms: The University initiated exploiting information technology by setting up smart classrooms in various Schools of studies with web connections. The smart classrooms are open to students in their free time which provide excellent platforms for presenting, interacting, and sharing information with each other. When students have an array of exciting web tools at their disposal, they become eager to participate in the learning process outside of their class. The availability of the GIAN project in Chemistry and Zoology by foreign experts provides a new vision in the

current scenario of chemical and biological education.

2. **Weekly Seminar conducted by students:** Many Schools on the campus practice 'Journal clubs' on the specified day of every week. The class representative takes the responsibility of collecting seminar topics from students, fixation of dates in consultation with student colleagues, the announcement of topics and dates in advance on the School notice board, and organization of seminars every week.
3. **Participation of students in the evaluation process:** Each and every student is asked to evaluate the seminar delivered as per the evaluation markers viz., quality of matter presented, organization of the matter, expression, performance in discussion etc. The average of each evaluation is taken into consideration. Involving students in conversations and evaluations about their learning not only builds trust, but also helps them become critics of their own work, which is a remarkable part of the amazing student-centered classroom.
4. **Courses with experimental components:** In courses with strong experimental components such as sports sciences, and yogic sciences, teaching-learning involve process-oriented, supervised integration of theory into practices, allowing students to enhance professional competence.

File Description	Document
Upload any additional information	View Document
Link for Additional Information	View Document

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

Response:

University follows ICT-enabled teaching in addition to the traditional blackboard teaching. Smart Classrooms, internet-ready library facilities with e-resources, and Wi-Fi campus help teachers and students better understand their pedagogy as well as make the teaching-learning more understandable and enjoyable.

The University has well-implemented the National Mission on Education through Information and Communication Technology (NMEICT). As per the guidelines of the Mission, the university has provided Internet connectivity to individual faculty and students with remote off-campus facilities as well.

The University has a licensed Cisco WebEx Virtual Platform for online teaching, webinars, and meetings for all our faculty members. Students have achieved adequate advantage from these resources in the Corona period. The University has conducted several Faculty Development Programmes (FDP) on the use of ICT in Education and Research Methodology.

The University has also created a Virtual Laboratory concept by the MHRD which students can perform virtual experiments without advanced equipment.

The University has an operative Enterprise Resource Planning (ERP) system in place which can be accessed both by students and faculties for adopting e-teaching through virtual classes and a repository of e-

learning resources, like lecture notes uploaded by subject faculty, e-library, and access to UGC INFLIBNET resources, OPAC etc.

Some faculties have formed e-groups for classes, wherein every student and concerned faculty are the members. E-notes and lectures in pdf format are e-mailed to the students in advance of the classroom lecture. It enables them to comprehend the lecture contents better.

College is an Institutional member of NLIST-INFLIBNET which can be accessed both by faculty and students.

Teachers assist the students and faculty in preparing and registering for NPTEL, SWYAM & MOOCs online courses. Several students have completed these courses.

Every department has its own WhatsApp group in which they exchange the daily progress of the teaching-learning process including the lectures taken and the topics covered. The Head of the department, faculty members, and Coordinator IQAC are the common members in each group and therefore able to coordinate the day-to-day academic activities and instructions if any. Under the MHRD GIAN programmes, video lectures of foreign faculties are uploaded on the university website for wide circulation among students.

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: 33:1

2.3.3.1 Number of mentors ?????????????? ???????

Response: 67

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	View Document
mentor/mentee ratio	View Document
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: 57.5

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: 100

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

2020-21	2019-20	2018-19	2017-18	2016-17
67	72	72	77	80

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: 21.45

2.4.3.1 Total experience of full-time teachers

Response: 1437

File Description	Document
List of Teachers including their PAN, designation, dept and experience details	View Document
Any additional information	View Document

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:** 21.74**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**

2020-21	2019-20	2018-19	2017-18	2016-17
01	01	06	04	04

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

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:** 20.8**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**

2020-21	2019-20	2018-19	2017-18	2016-17
20	20	20	22	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:** 2.63

2.5.2.1 Number of complaints/grievances about evaluation year wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
4	54	44	55	57

File Description	Document
Number of complaints and total number of students appeared year wise	View Document
Any additional information	View Document

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:**

The University has a well-structured integrated examination system comprising different components, each of which is headed by the Controller of Examination (COE). The COE looks after the pre-examination, examination, and post-examination process supported by the Assistant Registrar and Deputy Registrar. The evaluation process of the university is transparent as well as confidential. The assessment process has two components-continuous internal assessment and end-semester assessment. The University has introduced a number of reforms to improve the efficiency of the examination system which are described below.

Examination procedures:

- The CBCS system is operative in the University in all the Schools of Studies since July 2015.
- The Controller of Examination of the University takes care of all the activities related to examination right from admission, enrolment, examination, and declaration of results.
- Online admission, enrollment, and examination forms are done by M.P. Online Limited, a joint venture between Madhya Pradesh and TCS.
- A detailed examination manual has been prepared outlining standard operating procedure (SOP) for the conduct of the examination.
- Flying squads are appointed by the University for theory examinations to monitor the examination activities.
- Online Sitting Plan (Docket), Attestation sheet, and issue of Admit card
- Internal Assessment marks are uploaded online
- OMR coding of the answer booklet
- External examiners are appointed from the approved panel after being duly considered for the eligibility
- Result processing is fully automated
- The University has implemented University Management System (UMS)

IT integration

As the University Management System is in operation, all the examination activities are IT integrated.

- Online portal for submission of application forms, enrollment forms and examination forms
- Online submission of marks of theory, practical and internal assessment through a dedicated portal
- Generation of fully computerized results
- Online statement of marks to provide immediate access to students to their mark sheets so that they can apply for reopening and retotaling
- Provision of online payment facility for services such as Migration, Degree, Provisional degree, duplicate mark sheets, eligibility certificates

Continuous internal assessment and End-semester assessment

Continuous Internal assessment is an important component of the semester system under CBCS.

- Teachers do a continuous evaluation of the students at three points of time by conducting three tests.
- Marks obtained in two best tests out of three are awarded to the students.
- Seminars and Assignments are important components for all theory papers
- End-semester examinations for both theory and practical papers at the end of each semester-odd semester in December and even semester in June.
- Comprehensive viva voce examination is also conducted at the end of each semester for all the courses under CBCS.

File Description	Document
Year wise number of applications, students and revaluation cases	View Document
Any additional information	View Document
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 outcomes of all programmes of the University are reflected in the Graduate Attributes of the University which inculcate skills, competencies, and abilities among the students. All the UTDs have specific provisions for monitoring their academic programmes. Graduate attributes can be best realized through an outcome-based teaching learning process. Currently, all the programmes of the University have the generic **Programme Outcomes (PO)** that ensures the attainment of the following graduate attributes in Engineering, Pharmacy, Law, Management, Science, Social Science, Arts, and Commerce:

- Critical thinking (curiosity, reasoning, problem-solving and judgement)
- Effective communication
- Social Interaction
- Competence for research and innovation
- Decision making, team management, and leadership
- Ability to work independently
- Environment and sustainability
- Social and Nation building approach

The programmes also have **Programme Specific Outcomes (PSO)** which address the programme-specific requirements. The PSOs are formulated by a team of senior faculty members during the curriculum design and are approved by the respective Board of Studies (BoS) after due deliberation.

At the course level, all courses of the programme have well defined course objective and outcomes. The **Course Outcomes** are formulated during the syllabus design by members of faculty and later deliberated and approved by the Board of Studies. The Course Outcomes are reviewed and revised annually following the Board of Studies meeting of the respective departments based on the feedback obtained from stakeholders.

University gives emphasis on concept building and exposure of the latest knowledge of the subject. For

this, following measures are taken:

- practical exposure, communication skill, ethical values, and social responsibilities.
- Departments have incorporated presentations, case studies, group-discussion, class tests, tutorials and projects in R & D and industries.
- For developing communication skills, group discussions, presentation on theory based and general topics are regularly carried out in the class.
- Alumni of the various courses are also invited at regular intervals during the course to share their experiences with students.

File Description	Document
Upload COs for all courses (exemplars from Glossary)	View Document
Upload any additional information	View Document
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 University's teaching, learning, and assessment activities are basically planned at the departmental/School of Studies level in the Staff Council meeting supported later on by the Board of Studies, Planning and Evaluation Board, Academic Council and Executive Council.

Classrooms, Seminar Hall, Auditorium, and Placement cell are equipped with the latest technology to facilitate meetings, seminars and panel discussions. Industrial visits and training to various corporate houses are a part of the learning process. The university has very good relations with industries for training and visits. Many courses viz., Biochemistry, Biotechnology, Microbiology, Food Technology, Neuroscience, Molecular and Human Genetics, Chemicals, Sales and Marketing Management, Industrial Chemistry, MICA, MBA, Tourism Management, etc. have summer training programmes ranging from two to six months. This is with a view to inculcating skills and exposure to a futuristic job profile. The Direct and Indirect methods used in the assessment are as follows:

Direct assessment is calculated through:

- Examination results (40% Internal and 60% External)
- Seminar and Assignments
- Projects and Field work
- Industrial Training, Internships and Placements
- Students co/extracurricular achievements
- Awards, Fellowships, Scholarships for students
- Academic progression to national and international institutes of repute

Indirect Assessment

Formal student feedback is obtained manually/online every year which also has a course survey embedded in it. This survey generates formal feedback from students for the courses offered in a semester and provides objective information to the faculty for self-appraisal, self-improvement and development. By undertaking a Course Assessment at the end of each course, and finding out the strengths and shortfalls of the learning taking place, necessary changes in the Teaching-Learning process, Course Content etc. are proposed by the course committee of the programme. The same is discussed during the Academic audit and subsequently recommended by the concerned Board of Studies (BoS) and approved by the Academic Council of the University. These are taken into consideration whenever this course is offered in subsequent semesters.

Most of the programmes/courses offered by the University are designed with outcomes that focus on students' gaining in-depth knowledge in the field and capacity building for creativity, innovation, skill enhancement and employability. The focus is also to improve the analytical and problem-solving competencies, and decision-making capabilities by utilizing personal/IT skills. Apart from the traditional Humanities, Science, Social Science & Management courses, Professional courses have been designed to encourage job/entrepreneurial capabilities, together in order to inculcate integrity, honesty, cross cultural understanding of diversity through values of inclusion, responsibility and ethics. These play a critical role in producing a good human being who is committed to the community, society, and environment with a commitment to Nation building.

File Description	Document
Upload any additional information	View Document
Paste link for Additional Information	View Document

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

Response: 94.95

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

Response: 1879

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

Response: 1979

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

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process	
Response: 3.14	
File Description	Document
Upload database of all currently enrolled students	View Document

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:

The Jiwaji University promotes transdisciplinary and interdisciplinary research among various faculties with focus on basic as well as applied research in different disciplines of Science, Technology, Arts, Humanities and Management. The University developed State of the art research infrastructure on the campus with financial support from RUSA and other National and State level funding agencies. The major attraction is institution of a 'Central Instrumentation Facility' which houses State of the Art advanced research equipment such as Transmission Electron microscope, Confocal Microscope, DNA sequence analyser, LC-MS, GC, HPLC, XRD, FTIR, DSR, Flow cytometer etc. for the benefit not only of students and faculty of the campus. Besides, central Instrumentation facility, there is a 'Centre for Translational Research' which functions as an interface between Academia and Industry. The research output from Science & technology is being translated in to products of commercial significance. Many patents have been filed on product and process development by the University. The University provides financial support to faculty and students for patenting of research outcome from time to time. The University has set up an Incubator 'DESIRE', the objective of which is to inculcate entrepreneurial skills among students and to promote translation of innovative ideas in to products. Also, the University made a budget provision for 'Start Up' grants to support budding entrepreneurs. All research infrastructural facilities are also open to students and faculty of other Institutions in Central India. The focus of research in Arts and Social sciences faculties is more relevant to local/regional demands. A well stratified and updated research policy has been drawn by Academic Council which serves as a guiding force with respect to priority areas, research ethics for faculty undertaking research in various streams. The University developed academic linkages with different National laboratories and sister Universities which facilitates utilization of each other's research resources and expertise. Memoranda of Understanding have been developed with CSIR, ICMR laboratories, fellow Universities in and out Madhya Pradesh and Industries. Development of Memoranda of Understanding with Industries is an important key factor in promoting industry oriented skill development of students and placement. The University has a provision for seed money to the tune of Rs. 2.0 lakhs per faculty for conducting explorative studies which may lead to development of major research projects for submission to National funding agencies. The research infrastructure is in certain departments strengthened by grants from DST-FIST, UGC-SAP, DBT, Centres of Excellence

etc. Besides fellowships from Central Govt. bodies such as CSIR, ICMR, DST, DBT, ICCSR, the University provides several research fellowships to doctoral students for supporting their Ph.D program in every academic year. Also, a limited number of Postdoctoral fellowships are provided to those who completed their Ph.Ds from the University. The University provides travel grants to students, Postdoctoral fellows and faculty for presenting their papers at National and International conferences. The research outcome is visualized from the several hundreds of research publications and patents filed from the University despite major limitation on faculty strength.

File Description	Document
Minutes of the Governing Council/ Syndicate/Board of Management related to 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: 61.6

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).

2020-21	2019-20	2018-19	2017-18	2016-17
64	54	52	50	88

File Description	Document
Minutes of the relevant bodies of the University	View Document
Institutional data in prescribed format	View Document
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	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: 5.43

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.

2020-21	2019-20	2018-19	2017-18	2016-17
2	8	5	3	2

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: 65

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.

2020-21	2019-20	2018-19	2017-18	2016-17
09	16	12	12	16

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

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: 51.43

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: 18

File Description	Document
Institutional data in prescribed format	View Document
e-version of departmental recognition award letters	View Document
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: 21.82

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).

2020-21	2019-20	2018-19	2017-18	2016-17
10.91	10.91	0	0	0

File Description	Document
Institutional data in prescribed format	View Document
e-copies of the grant award letters for research projects sponsored by non-government	View Document
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: 707.66

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

2020-21	2019-20	2018-19	2017-18	2016-17
163.08	169.84	87.9	165.84	121

File Description	Document
Institutional data in prescribed format	View Document
e-copies of the grant award letters for research projects sponsored by government	View Document
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: 2.24

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

Response: 30

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

Response: 67

File Description	Document
Supporting document from Funding Agency	View Document
Institutional data in prescribed format	View Document
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:

One of the primary objectives of Jiwaji University is to provide education which promotes innovation and nurtures entrepreneurship among young brains. Hence, a separate center for innovation and incubation has been setup in 2018 named DESIRE (Development of Eco System for Innovation Research and entrepreneurship). Its serves as a guidance force to promote entrepreneurial eco system in the campus. Start up policy of the university enables and Empower incubates, pre start ups and start ups from very early stage and become the partner not only in their growth path but also of the nation.

To motivate and encourage students incubation center have organized workshops, seminar, hands on training etc. FDP was organized in Jiwaji University funded by DST New Delhi from 26th March 2021 to 15th April 2021.

Technology based Entrepreneurship Development Programme (TEDP) funded by DST New Delhi was organized from 5th July 2021 to 23rd August 2021. 25 participants took part in it.

Women Entrepreneurship Development Programme (WEDP) funded by DST New Delhi was organized from 10th Nov. 2021 to 17th Dec. 2021. 27 women from different areas participated and benefited by it.

A two members delegation was sent from Jiwaji University to visit to SINE Incubation Center IIT Mumbai on 22nd April 2022 with a team of delegations from other colleges of Madhya Pradesh.

Entrepreneurship Awareness Camp was organized with the help of MSME Gwalior on 24th Feb. 2022. 35 participants attended it.

File Description	Document
Upload any additional information	View Document
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: 83****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.**

2020-21	2019-20	2018-19	2017-18	2016-17
24	16	17	08	18

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: 108****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.**

2020-21	2019-20	2018-19	2017-18	2016-17
15	27	29	22	15

File Description	Document
Institutional data in prescribed format	View Document
e- copies of award letters	View Document
Any additional information	View Document

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 Advisory committee and ethics committee constitution and list of members on these committees, software used for Plagiarism check, 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: A.. All 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: 26

3.4.3.1 Total number of Patents published / awarded year-wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
6	15	2	1	2

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: 4.94

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

Response: 331

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

Response: 67

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
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: 11.25

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

2020-21	2019-20	2018-19	2017-18	2016-17
120	142	178	193	195

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: 1.45

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

2020-21	2019-20	2018-19	2017-18	2016-17
29	21	18	14	25

File Description	Document
Institutional data in prescribed format	View Document
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	View Document
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: 10.71

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 - h-index of the Institution

Response: 38.5

File Description	Document
Bibliometrics of publications based on Scopus/ 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:

It is important 'to be the fountain head of new ideas and of innovators in technology and science' and with its general goal of 'to create an ambience in which new ideas, research and scholarship flourish and from which the leaders and innovators of tomorrow emerge'. In fulfilment of these points of importance, initiative to promote innovations and to facilitate protection of Intellectual Property (IP) thus generated.

In this document, the processes to support these efforts have been included. A formal framework to guide the implementation of consultancy processes is included in this document. This policy aims to lay down the processes for translating the creative works. Parties engaged in creations of original and innovative work include faculty, staff and other employees. To administer the policies included in this document, and maintain the relevant documents, with appropriate administrative and supporting staff.

Consultancy means generally the application of existing knowledge, expertise and skills, and includes other activities which are analogous to consultancy activities such as business partnership or ownership etc.

University Supported Consultancy means Consultancy provided through a contract entered into by the University or one of its subsidiaries with a third party, in which the Consultancy will be performed by a Staff Member within his or her area of academic, research or administrative expertise. This Consultancy is supported by the University and may involve the use of the University resources, intellectual property and other resources.

UNIVERSITY SUPPORTED CONSULTANCY:

- University Supported Consultancy arrangements are only permitted where the work is distinct from any project or other work undertaken on the University's behalf (in order to avoid a Staff Member competing for contracts with the University).
- A Staff Member may only agree to provide University Supported Consultancy services in accordance with terms and conditions approved by the Vice Chancellor.
- A maximum of not more than 60 day per week may be devoted to University Supported Consultancy.
- The Vice Chancellor's approval is required to ensure compliance with cost recovery guidelines, protection of the University's IP, and the appropriateness of contractual terms including those relating to liability and IP.
- Charges for the use of the University resources will normally be based on the full cost of the resources as determined by the University/College/ Department and agreed by the Staff Member and the Head.

File Description	Document
Upload soft copy of the Consultancy Policy	View Document
Upload minutes of the Governing Council/ Syndicate/Board of Management related to consultancy policy	View Document
Upload any additional information	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: 273.42

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

2020-21	2019-20	2018-19	2017-18	2016-17
4.58	65.93	75.08	75.08	52.75

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:

Organization of extension activities such as plantation on campus and awareness on specified issues of environment, socioeconomic based and health based activities in Gwalior and Gwalior slum areas and under-privileged dwellings with student participation is part of University's extracurricular activities. The program aims to provide General public, professionals with advanced, ethical, evidence-based social work practice and professional leadership skills at all practice levels with the goal of improving individual and societal well-being. The main focus of activities of students of Sociology is to provide skilled/trained and sensitive manpower to the society, who can bring about a change in the society/community so as to make

them able to understand their rights and responsibilities by improving the quality of life through literacy, post literacy and skill oriented professional courses and short duration training. To focus on adolescent age groups (male and female both) to equip them with moral responsibility towards society, develop their sensitivity for disadvantaged groups of society and to make their vision more clear about their future plans. To provide the opportunity to the students and community people to solve their personal and family (Socio economic and other related) problems through counseling /guidance and helping them in different ways.

As part of Health care , the University organizeds a weekend Diabetes camp on every Sunday under the supervision of an ayurvedic doctor where in free diabetes check-up and consultancy are provided free of charge. The Diabetes camp is going on since Nov. 2002 and till now about 1.45 lakh diabetic subjects are benefitted from the camp. Free drugs were provided to all diabetic subjects with the support of M/S Dindayal Group of Industries who provided anti-diabetic drugs free of charge to all patients till preCovid-time. In addition to free weekend diabetes camp, special health camps are held on World Health Day, International Women’s day, National Ayurveda Day, Another major contribution of the University is to open up special OPDs for Covid patients/contacts for counselling and provided with AYUSH-64 (Prescribed by Ministry of AYUSH) free of charge to all subjects. During Covid-peak period i.e between March 21 – June21, the University distributed several thousands of food packs to poor and travellers on walk. Another major contribution is to preparation of about 1000 ltrs sanitizer which was distributed free of charge to police department and general public. The University has set up a regular vaccination centre with the support of Dept of Health, Gwalior District where free vaccination is provided to the public since the day of starting and till now about 1.0 lakh public have been vaccinated. The University made ayurvedic immune booster formulation and air sanitation formulation for distribution to public.

Extension activities are also conducted in association with NSS in University adopted villages in multiple fronts such as Swachhata abhiyan, Environment awarenesss camps/ & Plantations Blood donation camps, Health check-up camps Covid-19 awareness/ Vaccination camp Women empowerment activities Matdan jagarukata Disaster Management etc.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

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: 51

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.

2020-21	2019-20	2018-19	2017-18	2016-17
11	5	4	14	17

File Description	Document
Institutional data in prescribed format	View Document
e-copy of the award letters	View Document
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: 200

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

2020-21	2019-20	2018-19	2017-18	2016-17
58	31	53	27	31

File Description	Document
Reports of the event organized	View Document
Institutional data in prescribed format	View Document
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: 88.04

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.

2020-21	2019-20	2018-19	2017-18	2016-17
1999	1196	1339	1389	2051

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: 55.6

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.

2020-21	2019-20	2018-19	2017-18	2016-17
88	57	58	37	38

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

Response: 89

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.

2020-21	2019-20	2018-19	2017-18	2016-17
35	32	10	7	5

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:

The University has adequate, modern and up-to-date facilities for teaching-learning and research. Jiwaji University has created sufficient physical infrastructure through proper planning and financial support from UGC/ State assistance, grants under UGC-SAP, DST-FIST, MFPI and DBT, etc.

The Schools of Studies are equipped with well-furnished classrooms, computers with internet and Wi-Fi facility that provide the most conducive environment for dynamic and focused discussions and learning. Very recently, smart classes have been introduced in university teaching departments. The University has proposed to set up a Sophisticated Instrumentation Facility (SIF) and a proposal in this regard is under active consideration by the State Government. The university has developed a Central Instrumentation Facility for the research. This center has all the sophisticated instruments required for quality research. The students and researchers of various departments take advantage of the facilities in their research and instrument-based training programs are conducted at frequent intervals for the benefit of students. The facility is open to outsiders at nominal charges and many premium institutions of nearby area are getting benefitted.

The university departments have seminar/meeting halls which are used for multiple activities such as seminars, workshops, Group discussions, interactive sessions and conferences. University Central Library and Computer Centre provide diverse learning resources to students and researchers. The library is equipped with books, periodicals, latest national and international e-Journals. Adequate Internet connectivity under UGC-INFLIBNET services is made available to the faculty members as well as students. All the Schools of Studies are connected with the main server of central library for INFLIBNET services. For this purpose, an optical fiber based intranet is actively working in the campus which connects all the departments. The whole campus including hostels and residential campus of teachers are provided with Wi-Fi facility. Appropriate funds are made available in the annual budget for maintenance of the library, and its utilization is monitored by the campus committee. All the students, faculty, researchers, officers and employees use this facility. For security purposes, whole campus is under continuous surveillance by CCTV cameras.

University has separate hostel facilities for boys and girls with caring wardens and a tight security with a motto 'a home away from home'. Excellent sports infrastructure facilities are available for all students.

File Description	Document
Upload any additional information	View Document
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:

Sports:

The infrastructure has been designed with exceptional facilities for sports as well as recreational activities to ensure the students are groomed holistically. Some of the sports facilities for students at Jiwaji University are as under:

- Madhav Rao Scindia Gymnasium – It is one of its own kind built and maintained in the Indian Universities with dimensions of 40 m x 32 m having facilities like Indoor Air Rifle & Pistol Shooting range, Billiards and Snooker Hall, Multi Gym Hall, 03 Badminton Courts, 01 Indoor Volleyball Court, 01 Indoor Tennis Court, 01 Indoor Basketball Court, Table Tennis Hall, 01 Judo Practice Arena and 01 Wrestling Competition Arena. In this gymnasium, national and international level competitions are being organized as per international norms.
- 02 flood light basketball outdoor courts with portable uprights.
- 03 flood light outdoor tennis courts.
- 04 Volleyball flood light outdoor courts.
- 02 Hockey Grounds
- 02 Grassy Football Ground
- International Sized Cricket Ground with Turf Wickets
- 02 Kho-kho Ground
- 02 Kabaddi Grounds.
- 02 Handball Courts
- 400 Mtr. Grassy Track
- Captain Roop Singh Sports Hostel
- Walking track around the sports complex for joggers.

Cultural Activities:

The University gives due importance to holistic development of students beyond classroom through co-curricular, extra-curricular and field based activities. To fulfill its social responsibilities towards the nation, the university NSS department continuously organizes various activities. It has earned honor and distinction several times in various events, nationally and internationally. West Zone University, State and National level Youth Festivals have been organized by the university in recent years. All these activities have been governed by the Dean, Students Welfare.

The Centre for Yogic Science, Jiwaji University came into existence in 2001 under Self-Financing Scheme (SFS) to start various courses on Yoga Education. Since then the centre is also running Post Graduate Diploma in Yoga Therapy (PGDYT). From the session 2017-18, the centre has started Master's program (two years/four semesters) and Post Graduate Diploma in Yoga (one year/two semesters) under CBCS system. The Department organizes The International Yoga Day on 21st June every year and also conducts several general as well as specialized camps for general public for increasing health awareness.

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:

Jiwaji University campus has been spread into different departments. The administrative building, Central Library, and buildings of Sciences and Arts Faculties, Distance Education, Sports, University Health Centre, Bank, Post Office, canteen, residential quarters of faculty and officers are present in the main campus.

Clean and Green Environment: Jiwaji University is eco-friendly and committed to build scenario of green environment. The green university policy “Think Green, Go Green” has been consolidated with a visionary foresight and ultimate optimism, it promises to make our surroundings not only clean and green but also nature friendly. An oxygen zone where large trees have been planted several years ago is also available in the campus to add to the healthy environment. An E-rickshaw is also available for those who have problem in walking. To reduce the level of pollution ‘No Vehicle Day’ is also being observed every Monday in the campus.

Water Harvesting: Looking at the present situation of day by day increasing water crisis, University has developed many water harvesting pits at appropriate locations to maintain the ground water level and overcome the crisis in summers.

Hostel Facilities: There are two well-furnished girls’ hotels namely Mrignayani Girls’ Hostel and Jhalkaribai Girls’ Hostel and two boys’ hostels namely Captain Roop Singh and AryaBhatta Hostel.

Health Care Facilities: The University Health Center, situated in the campus is first of its kind in MP State universities practicing integrated therapeutic approach viz., Ayurveda, physiotherapy, homeopathy, panchakarma. Specialists in every such branches are available in health centre which functions from 6.00 AM to 8.00 PM on all working days. Special health camps are conducted on International women’s day, World Health Day, National Ayurveda Day, World Diabetes Day and other special occasions. The Centre also participates in conducting health camps outside University campus and in nearby villages. The University has been conducting Weekend Diabetes Camp since Nov.2022 for the benefit of public. Till now more than 1.5 lakh diabetic subjects are benefitted from this event. Covid special OPDs were run by Health Centre during Covid-19 pandemic.

Academic Facilities: University provides in house services of photocopying to all its members including students. The facility of INFLIBNET E-resources subscribed by University has also become available to the researchers of the university to get free access to research journals and information. Apart from these resources, 55 million articles are also available in public domain in a single window, J-Gate platform (Largest e-journal gateway).

Sports Facilities:The sports department is very well equipped for playing Basketball, Volleyball, Tennis, Badminton, Football, Hockey, Cricket, Table tennis, Judo, Snooker, Air Shooting and Athletics.A swimming pool of international standard is also being constructed.

Banking & Postal Services: Jiwaji University has made available banking and postal services within the campus for the students, faculty and staff members. A portal of MP online to facilitate the online services to the students is also available in the campus.

Cafeteria and a Milk Parlor are also situated within the campus for easy approach to the students. Student counseling centers are also available.

The study centers of universities providing distance learning like India Gandhi National Open University, New Delhi and M.P.Bhoj (Open) University, Bhopal are also functioning in the University campus.

File Description	Document
Upload any additional information	View Document
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: 32.33

4.1.4.1 Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
302	674	1730	2003	1260

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 facility

Response:

The Central Library in Jiwaji University as a centralized information resources and allied facilities was established in 1966. It is housed in a separate multistoried building which is well equipped and furnished, along with best intellectual resources to fulfill the needs of end users. The prime objective of the Library and Information Resources Centre is to offer quality library services and facilities for the Intellectual Community of Jiwaji University, Gwalior. The library also assists and caters off-campus academic institutions which are affiliated with this university. It is ensured our academic resources are available off-campus, 24x7. Toward the same, we use mapmyaccess to make our academic resources available off-campus. Central Library supports around 480 Government/ Private Colleges of Gwalior–Chambal region affiliated to Jiwaji University, Gwalior.

The departmental libraries where specific subject related materials including text/reference books and journals are organized for the use of concerned users are also catered by the central library. These SOS Libraries are fully furnished and accountable for various operations concerning books and journals i.e. circulation, acquisition, and referencing.

Central Library's circulation section has created an objective system to circulate books and journals to Faculty Members, Research Scholars, University Staffs, Officers and other registered members. In the reference section, various facilities that are offered include photo copy, congenial seating environment to around 100 students at a time with air conditioning and availability of pure and safe drinking water.

E-Resources (books & journals) Subscribed by Jiwaji University:

Following are the details of e-resources subscribed by Jiwaji University:

1. Emerald Database
 2. Bentham Science
 3. McGraw Hill
 4. Institute of Physics (IOP)
 5. EBSCO Database
 6. Wiley Blackwell Publishing
 7. Cambridge university press (CUP)
 8. Oxford University Press (OUP)
 9. Sage Publishing
 10. Springer Nature
- e-Journals

1. Emerald Publishing

2. Elsevier
3. Cambridge University Press e-books
4. Springer Nature
5. Pearson

E-Resources provided by e-Shodhsindhu (INFLIBNET):

American Institute of Physics
American Physical Society
Annual Reviews
Economic & Political Weekly
Institute for Studies in Industrial Development (ISID)
J-Gate Plus (JCCC)
JSTOR
Springer Link 1700 Collection + Nature Journal
Taylor and Francis
Web of Science

Central Library Collection:

Books (text and reference)	:	2,32,231
Current Print Journals	:	60
Theses & dissertations	:	11000

Manuscripts	:	214
Rare Books	:	961
News Papers	:	33 Local/ National Newspaper
Magazines	:	37
Journals (Bound Volumes)	:	8,450
Remote access software	:	MAPMYACCESS

The library subscribes more than 33 local/ national newspapers and 37 magazines. We have ample collections of academic resources in soft form as well i.e. Audio/Videotapes, CDs/DVD on multidisciplinary subjects.

Some resources in Braille script are also available in the library for visually handicapped students.

Various Object Oriented Services are being offered, following attributes are considered for library services.

- Reading Room Facilities
- Remote Access Facilities
- Plagiarism Checking through OURIGINAL Software
- Reference & Information Services
- New Arrivals of Books
- Bibliographical Service
- Internet and allied Services
- Library Resource Sharing Services

Name of the ILMS Software: The Library has Koha: An Open Source Library Management Software.

Nature of automation (fully or partially): Partially automated

Version: Koha21.0

Year of automation: 2015-16

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	View Document
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: 144.46

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)

2020-21	2019-20	2018-19	2017-18	2016-17
271.6	120.4	122.8	164.7	42.8

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: 50.09

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

Response: 1150

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	View Document

4.3 IT Infrastructure

<p>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)</p> <p>Response: 80.49</p>	
<p>4.3.1.1 Number of classrooms and seminar halls with ICT facilities</p> <p>Response: 198</p>	
File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document
Paste link for additional information	View Document

<p>4.3.2 Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility</p> <p>Response:</p> <p>The whole campus of Jiwaji University is covered with high throughput indoor and outdoor Wi-Fi access points. The University takes measures to update IT infrastructure time to time and is also proposing students Bar code system. The university has executed a plan to develop university management software system. Various database packages are available on Internet and many of them are used by the faculty members in the class room teaching on regular basis. The next generation IT infrastructure is established as under:</p> <ul style="list-style-type: none"> • 1 GBPS Internet Bandwidth from multiple ISPs to maintain redundancy and hassle free internet connectivity. • Firewall protection is used for virus/Trojan and unwanted intrusion by hackers. • MAC addresses of the devices/computers/laptops and user login/password based dual authentication for all Wi-Fi users with tracking and monitoring. • Bio-Metric machines used over the intranet for employee attendance connected to server at hub location. • Smart CCTV surveillance with IP cameras throughout the campus.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.3.3 Student - Computer ratio (Data for the latest completed academic year)	
Response: 2.82	
File Description	Document
Upload any additional information	View Document
Student – computer ratio	View Document

4.3.4 Available bandwidth of internet connection in the Institution (Leased line)	
Response: A. 71 GBPS	
File Description	Document
Upload any additional information	View Document
Details of available bandwidth of internet connection in the Institution	View Document

Other Upload Files	
1	View Document

4.3.5 Institution has the following Facilities for e-content development	
<ol style="list-style-type: none"> 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	View Document
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: 7.93

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)

2020-21	2019-20	2018-19	2017-18	2016-17
398.2	283.4	209.7	267.5	198.4

File Description	Document
Upload any additional information	View Document
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:

The University has its own Maintenance Policy (<http://www.jiwaji.edu/usic.asp>). With more and more automation and instrumentation reaching each and every department/section, the need for the proper service and maintenance is necessary and is given the top priority. Secondly it has become almost inevitable for individual departments to buy costly sophisticated instruments to keep pace with the research at the international level. University Science Instrumentation Center (USIC) in this university was also established with these points in mind. Since its establishment as a level II USIC, it has developed into a successful maintenance, fabrication and servicing center for university department and affiliated colleges.

Repair and Maintenance

During the last five years USIC has entertained jobs received from various teaching departments and affiliated colleges. Besides this, various jobs have also been entertained during last two years from private organizations and industries. Some of the major industries, with whom the rapport has been established are SRF Limited, Britannia Industries Limited, Godrej Soaps, CIMMCO Limited, Gwalior.

Sanitation:

- Cleaning personnel clean the washrooms twice a day, using disinfectants, detergents and

naphthalene balls.

- Care is taken in providing and maintaining exhaust fans on a regular basis.
- These activities are monitored by the supervisor
- Dustbins are placed within the campus in common areas as well as on every floor of each building
- The green cover of the campus is well maintained.

Laboratories-Equipment-Maintenance:

- Laboratories of all departments are well equipped and maintained regularly to avoid discrepancies in the academic schedules. The in-house maintenance and repairs are addressed by the respective department lab assistants/computer operators who are qualified and trained.
- Maintenance of the equipment is done on a regular basis.
- Lab attendants, under the supervision of lab assistants, clean the lab equipment daily.
- Periodical checkups and calibration of equipment is done in all laboratories.
- Stock verification is done in all laboratories every year.
- Annual Maintenance Contract of several instruments has been done with the manufacturer.

Library:

- Library is maintained by a librarian with help and support of team of efficient and trained workers.
- Library maintenance is computerized and automated with regular/constant updates.
- Librarian collects the requirement of books, journals and other resources from all heads during the commencement of each academic year.
- Library updates its books repository on a yearly basis.
- The library committee meets once in every three months to upgrade and procure any additional and general books, both technical and non-technical.
- Individual departmental libraries are integrated with central library for accessing digital learning materials.
- Regular cleaning of the library floors, racks and maintaining the quality of the books with needed binding are in place.
- Pest control of library building, books and records is done every year by the maintenance department.
- Proper inspection and verification of stock takes place at the end of every year.

File Description	Document
Upload any additional information	View Document
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: 49.54

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)

2020-21	2019-20	2018-19	2017-18	2016-17
1248	909	737	717	748

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: 64.33

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

2020-21	2019-20	2018-19	2017-18	2016-17
1222	877	1013	1160	1484

File Description	Document
Institutional data in prescribed format	View Document
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	View Document
Any additional information	View Document
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	View Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Details of student grievances including sexual harassment and ragging cases	View Document
Link for additional information	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: 77.89**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**

2020-21	2019-20	2018-19	2017-18	2016-17
68	51	58	43	40

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

2020-21	2019-20	2018-19	2017-18	2016-17
85	55	80	52	65

File Description	Document
Upload supporting data for the same	View Document
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:** 5.32**5.2.2.1 Number of outgoing students placed year - wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
168	75	87	71	40

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: 47.85

5.2.3.1 Number of outgoing student progressing to higher education.

Response: 947

File Description	Document
Upload supporting data for student/alumni	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
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: 102

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.

2020-21	2019-20	2018-19	2017-18	2016-17
26	19	16	19	22

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:

Students' Union Elections were last held many years ago in the academic session. Thereafter, elections for the constitution of a Students' Council (or Students' Union, as it is referred to in our state) have been banned in the state by the Department of Madhya Pradesh Higher Education. During Covid-19 pandemic the students' activities were almost nil or held online mode.

As per the MP Higher Education guidelines and the norms adopted by Jiwaji University, there is no student council activities as such from the last many years. However, meritorious students get opportunities for various activities for institutional development and students welfare. Students who are talented and have innovative ideas and leadership quality, act as student volunteers in all the university level events such as the University Foundation Day, Convocation, Youth festival, inter-University sports, and cultural events, National and International Seminar and Symposia, Workshop and other all-round development activities.

The University follows the following Statute and Ordinance for Student Welfare and University Student Union:

1. Statute 4: Dean Students Welfare

2. Ordinance 2: University Student Union

File Description	Document
Upload any additional information	View Document
Link for additional information	View Document

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

Response: 74.4

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

2020-21	2019-20	2018-19	2017-18	2016-17
59	95	92	60	66

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:

Various Schools of the universities organised alumni meet every year independently in their respective departments. Combined alumni meet of Jiwaji University School of Studies Alumni Association time to time. Recently Jiwaji University School of Studies Alumni Association Meet was held on 18th November 2021 and Alumni meet of SOS Physics was held on 13th November 2021.

The Alumni members shared memories associated with Jiwaji University and expressed their views for the development and betterment of university and provided some constructive suggestions. On this occasion the alumni teacher members were felicitated. Some of the excerpts of alumni are given below.

1- Padama Vibhushan, (Atal Bihari Bajpai)

2- Padam Bhushan (Major Shriram Mehta,

3- Dr. V.K. Saraswat, and Padam Shree

4- Dr. B.N. Rao

5- Dr. L.V. Pathak

6- Dr. M. G. Deo,

7- Dr. S. R. Dharkar

8- Dr. L.C. Gupta

9- Dr. M.N. Passey

10- Prof. P.B. Buckshey

11- Dr. Uma Tuli

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	View Document

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:

Jiwaji University has consistently upheld its tradition of achieving excellence in higher education and strives to achieve the status of being one of the best in India. The institutional leadership and the well-established systems of governance and management constitute the inherent strengths of the University leadership which enabled in setting up of high academic standards on all fronts; delivering quality research of high standards in niche areas, strengthening of facilities/educational infrastructure, and in consolidating professional networks to emerge as a leading university in India.

The leadership at the University ensures the implementation of the management system/measures to achieve the University's mission. Introduction of courses as per the demand of the time and identifying the dynamic organizational needs and fulfilling them remains part of the University's vision. Due emphasis is placed on an ongoing interaction with the stakeholders and the reinforcement of an overall culture of excellence.

In keeping with the vision and mission of the University, the following steps in governance are reflective of effective leadership:

1. System Development, Implementation, and Continuous Improvement

Since its inception, the University has been led by excellent academicians who strove to envision, create, implement and sustain an effective system: responsive to the needs of its diverse stakeholders. The leadership has been innovative in spearheading initiatives that have led the University to maintain its culture of excellence in knowledge aeration, assimilation, and integration.

2. Interaction with Stakeholders

As far as interaction with the stakeholders is concerned, there is a systematic process available at different levels with Academic Council, Executive Council, and the University Court at the top. Each level finds representation from diverse stakeholders, both from within and outside, these include representatives from students and research scholars, teachers from colleges, faculty members from departments and faculties, experts, and representatives from the industry, corporate sector, and civil society. All-important academic and administrative issues are discussed extensively before arriving at final decisions.

3. Reinforcing a Culture of Excellence

All functionaries who hold a leadership position within the University are responsible and accountable for ensuring that the University not only maintains its high standards but also reinforces an overall culture of excellence in teaching-learning, research, and social outreach programmes.

Besides the Vice Chancellor and the Rector, positions such as Director/Dean of Colleges, Proctor, and a

series of other positions exist, and persons occupying these positions work in a coordinated manner to lead the University to move forward from strength to strength.

4. Organizational needs

The leadership of the University is sensitive to the new and emerging needs of society, faculty etc., and recognizes the imperativeness of the system to expand, diversify, reform, innovate and evolve with changing contexts. It plays an active role in energizing the existing management system through systematic reforms in administrative practices and procedures. Experience shows that these have gone a long way in furthering the pursuit of academic excellence, as well as adding new zeal to the administrative system.

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:

The University functions in a well-structured manner to ensure participative management at all levels of decision making viz.

- The Court (Section 20, MPVA 1973)
- The Executive Council (Section 23, MPVA 1973)
- The Academic Council (Section 25, MPVA 1973)
- The Finance Committee (Section 24A, MPVA 1973)
- The Faculties (Section 27, MPVA 1973)

- The Academic Planning and Evaluation Board (Section 30, MPVA 1973)
- The Board of Studies (Section 28, MPVA 1973)

Admission and Examination Process

Admitting students and conducting their assessments are the two major functional responsibilities of the University. Policy formulation for admission to various programs is undertaken through an Admission Committee representing all major streams in which education is imparted by the constituent units.

Examinations are conducted with the help of its constituent unit. Starting from the setting of examination papers, to the conduct of the examination, evaluation of answer script, and declaration of results, the process is undertaken in a structured and decentralized manner.

Academic Administration

Academic decisions pertaining to the introduction, structuring, revision, and reformulation of courses and syllabi are taken through respective boards of studies and faculties after obtaining inputs from concerned faculties and departments. Similarly, the following aspects are also under decentralization and participative management:

- Office Administration
- Financial Administration
- Infrastructure Administration

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic plan is effectively deployed.

Response:

The University frames its future plan keeping its vision and mission as the basis of the perspective plan. While deciding its future initiatives, the University ensures that it touches on all facts of development including teaching/learning, research and development, community engagement, human resource planning/development, infrastructure, etc. The Academic Planning and Evaluation Board (Section 30, MPVA 1973) finalized the strategic plans of the body which are finally approved by the Executive Council (Section 23, MPVA 1973) of the University.

The following are the powers of the Academic Planning and Evaluation Board (Section 30, MPVA 1973) :

- (i) to prepare the short-term and long-term plan of the University.
- (ii) to consider and forward to the Executive Council with its recommendations the research projects and academic programmes proposed by the faculties and to bring about interfaculty co-ordination for taking up projects on interfaculty basis;
- (iii) to suggest new academic programmes to the Faculties and to do an academic evaluation of affiliated colleges of the University from time to time;
- (iv) to make proposals for the establishment of departments institutions of research and specialized studies, Laboratories and museums;
- (v) to make proposals for the Institution of teaching posts and for prescribing the duties of such posts;
- (vi) to evaluate from time to time the working of the University Teaching Departments, and Schools of Studies;

(vii) to evaluate periodically the progress of the plan.

In the past few years, the University has achieved several feats which include several digital initiatives like the following:

Digital Administrative Process

- Online Admission
- Online Fee Collection
- Online Advanced Degrees/Duplicate Degree/Attestation of Degree/Special Certificate application.
- Online Student Grievance Redressal System
- Digital PhD assessment and evaluation process (optional)
- E-Procurement
- Online Proforma for faculty Application.
- Online Proforma for annual progress report.

Digital Teaching Initiatives

- Technology Enabled Classrooms, Online Learning Platforms
- Online Teaching and learning resources through MOOCs
- Subscription to E-Journals and Resources

Digital Research Initiatives of the Library System

- Automated Library System
- E-ShodhSindhu
- Internet Access Facility

Several others worth mentioning initiatives started by the University in recent times include:

Centre for IPR and Innovation

The center is aimed at serving as a discursive platform and a springboard of novel ideas to promote excellence in transnational, comparative, and interdisciplinary research. The School is envisaged as the University's academic window to the world in which ideas and studies are shared and carried out by and among various stakeholders of the academic community of the University along with scholars and practitioners from across the globe.

File Description	Document
Any additional information	View Document
Strategic Plan and deployment documents on the website	View Document
Link for Additional Information	View Document

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:

The leadership at the University ensures the development of a robust management system, its implementation, and continuous improvement; apart from creating systems for identifying the dynamic organizational needs and for fulfilling them. The organizational structure is as follows:

- **The Vice-Chancellor** is the Principal Executive and the Academic Officer of the University. He/She is the Ex-Officio Chairman of the Executive Council, the Academic Council and the Finance Committee. Statute No.2 categorically brings out the power of the Vice Chancellor.
- **The Rector, Dean of Faculties, Registrar, Director of College Development Council, Proctor, Finance officer etc., are the other important Officers of the University, who are appointed by the Executive Council on the recommendation of the Vice Chancellor.**
- **The Registrar**, Deputy Registrar, Assistant Registrar, Librarian, University Engineer, and Director of Physical Education are the full-time officers of the University. Registrar is the Ex-Officio Secretary of the Court, the Executive Council.
- **The Deans of the Faculties**, the Heads of the Department and various other Deans perform their duties under the control and supervision of the Vice Chancellor.
- **The Finance** Controller looks after financial matters of the University under the control and supervision of the Vice Chancellor.
- **The Controller of Examination** looks after the entire examination system and works under the supervision of the Vice-Chancellor.
- The above positions are assisted by the Officers: Deputy Registrars. Assistant Registrars and Administrative Officers, wherever required, depending upon the operational requirements and administrative convenience of the University.
- Other than these, there are **Directors/Heads of various Centers** of the University.
- Hostels of the University are managed by the **Hostel Managing Committees**, headed by the Chief Warden followed by Wardens to help run the individual hostels effectively and take care of the needs of the students.
- At the ground level, **there are sections**, which are repositories of all information and perform such duties as specifically assigned to it. A section is headed by a section Officer and is assisted by the Senior Assistants, Assistants, Junior Assistant-cum-Typist and Office Attendants/Multy-Tasking Staff (MTS) etc.
- The **University Engineer** looks after the Engineering Office. The Assistant Engineers and other supporting staff assist the University Engineer in the discharge of his/her duties.
- The **office of Dean Student Welfare** and the **office of Proctor** address issues related to students.

The tenders, orders, Notices, requests of the University, and their resolutions are available on the University website at <http://www.jiwaji.edu>

File Description	Document
Any additional information	View Document
Link to Organogram of the University webpage	View Document
Link for Additional Information	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	View Document
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 a well-established promotional system for both the teaching and non-teaching staff. As per the provisions of the Statute, APAR (Annual Personal Appraisal Report) for Teachers of the Jiwaji University is adopted for appraisal of the teachers in alignment with UGC guidelines. Similarly, the performance appraisal method is designed for the non-teaching staff. Teachers of the University apply for CAS (Career Advancement Scheme) promotions as per UGC Guidelines, which are then scrutinized by duly appointed Committees and placed before the authorities for consideration of promotion. The nonteaching staff promotions are taken care by DPC (Departmental Promotion Committee). Promotions were given almost in time.

The following are major schemes available for teaching and non-teaching staff of the University:

- Pension Scheme

- Gratuity Scheme
- Group Insurance and Teachers' Welfare Scheme
- Compensation of medical expenses
- Compensation to the family member of deceased
- Encashment of earned leaves
- Festival advance
- Food grain advance
- Medical allowance
- Accommodation

Besides, it extends the following services/amenities to its staff:

- **Pension Scheme:** All employees who are appointed before 01.01.2006 are covered by the pension scheme.
- **Gratuity:** All employees of the University are eligible to receive gratuity on retirement at par with the state government employees of Madhya Pradesh.
- **Group Insurance:** All employees of the University are covered by group insurance at par with the state government employees of Madhya Pradesh.
- **Compensation of medical expenses:** Expenses on designated medical causes shall be reimbursed by the University at par with the state government of Madhya Pradesh.
- **Primary health care center:** University maintains a primary health center via which all the employees can avail their health checkups and other facilities.
- **Teachers' Welfare Scheme:** Also, teachers at the University are covered by teachers' welfare fund. An ex-gratia grant of Rs. 2.00 lacs may be paid to the family of deceased teachers from the fund.
- **Compensation to the family member of the deceased:** The family of deceased employees are eligible for compensation to the tune of Rs. 50,000/-
- **Encashment of earned leaves:** At the time of retirement an employee of the University is eligible for encashment of earned leaves at par with the state government employees;
- **Festival advance:** Employees who are below a particular level of salary are eligible to draw festival advance.
- **Food grain advance:** Employees who are below a particular level of salary are eligible to draw food grain advance.
- **Medical allowance:** All employees of the University draw medical allowance i.e., Rs. 2000/- at par with the employee of the state government.
- **Accommodation:** The University has a provision of housing for teaching and non-teaching employees of the University.

Sports Facility: The Jiwaji University Sports Committee provides modern sports and gymnasium facilities to all teaching, and non-teaching staff and their families as well as to students. A central facility housed at the stadium complex has a gymnasium with modern equipment, table tennis, and badminton courts, and yoga and aerobics.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

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: 43.92

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

2020-21	2019-20	2018-19	2017-18	2016-17
32	30	28	26	46

File Description	Document
Details of teachers provided with financial support to attend conferences, workshops etc. during the last five years (Data Template)	View Document
Link for Additional Information	View Document

Other Upload Files

1

[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: 21.2

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

2020-21	2019-20	2018-19	2017-18	2016-17
24	20	15	22	25

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centres)	View Document
Reports of Academic Staff College or similar centers	View 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
Link for 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: 40.82

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

2020-21	2019-20	2018-19	2017-18	2016-17
36	31	27	22	33

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View 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 University receives only Rs. 3.22 crore as a grant from the state of Madhya Pradesh to meet expenditure on salary & pension, infrastructure development and maintenance as per the provision made in the budget of the state government. However, the University remained fortunate to avail of a handsome grant given under RUSA and MPHEQIP/WB. The University has also got some financial assistance from various funding agencies including corporate houses for different development programmes. The University has well-established self-financing programmes managed by various departments to generate internal funds which are mostly used for the maintenance of the infrastructure and facilities.

In addition, University is collecting different types of development fees from the students at the time of admission. A corpus fund for the University has been created through endowments/donations provided by some generous individuals for instituting medals and prizes out of the interest money of such deposits.

Being an affiliating university, it also collects prescribed affiliation fees from affiliated institutes. Adding to the above examination fees and interest on fixed deposits of the surplus fund are also sources of fund mobilization. The Fund mobilized through fee receipts and other resources are used very thoughtfully and judiciously for the purpose for which they are meant as per the decision of the Executive Council and finance committee.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

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: 4383.82

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).

2020-21	2019-20	2018-19	2017-18	2016-17
1157	522	610.82	1522	572

File Description	Document
Details of Funds / Grants received from government bodies during the last five years (Data Template)	View Document
Any additional information	View Document
Annual statements of accounts	View Document
Link for Additional Information	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: 63.62

6.4.3.1 Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
8.36	30.18	8.36	8.36	8.36

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:

The accounts of Jiwaji University are audited regularly. The University has its Resident Audit Wing of the State Government. All payments are pre-audited wing thoroughly in addition to preliminary scrutiny of bills by the Finance Department. Other bills are test checked by resident Audit before payment is made. It also conducts a periodical audit of different Departments, units, hostels, and University maintained institutions to watch the compliance with financial rules and the effectiveness of expenditure incurred. An audit report is issued to the heads of the Departments and heads of all institutes under the University.

External Audit of the University is conducted by the Comptroller and Auditor General of India through the office of the Director General of Audit (Central Expenditure). The external audit consists of certifications of annual accounts of the University and Transaction Audit/Performance Audit. Action is taken on the

observations contained in the audit report and reported to the Director General of Audit (Central Expenditure).

File Description	Document
Any additional information	View Document
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:

Internal Quality Assurance Cell (IQAC) of Jiwaji University was established in the year 2014. The primary objective of IQAC is to act as a catalyst to improve the quality of teaching, research, infrastructure and learning resources, boarding and placement. It attempts to create awareness of quality because quality is a journey, not a destination. Our credo is: Teachers Teach, Students Learn, All others facilitate the process. Various aspects are accessed by regular Academic Audits of teaching Departments which helps in enhancing quality measures. IQAC is instrumental in analysis of feedbacks collected from stakeholder. Recently it has taken up an initiative towards an online feedback management system. This apart, the IQAC has conducted different audits including Energy, Environment, Water and Gender and has come up with various suggestive measures. The cell has conducted meetings with faculty members and officials for measures to be taken towards upgrading the status of the University in the form of organizing conferences, seminars and workshops related to quality of teaching, research, publication, cyber safety, health care, intellectual property right, participation in National Institution Ranking Framework and importance of photography. It has also collaborated with Government agencies like Department of higher Education, Govt. of Odisha, the International publisher Elsevier etc for organizing events. Two practices which have been institutionalized as a result of IQAC initiatives are regular Academic Audit and Feedback analysis.

1. Academic audit

Academic Audits were conducted regularly by IQAC along with Committee members Chaired by the Vice-Chancellor. Summary of Action taken based on discussion and interaction during academic audits 339 new courses, and 22 value-added courses were introduced during the last five years. Syllabi along with objective and course outcomes have been uploaded to the University website and the University question bank is updated for reference.

E-content (Study materials) developed by the Faculty members has been uploaded to University Website, Mentorship for students continues as a healthy practice and Alumni activities of all the departments are recorded.

2. Feedback after analysis

Feedback system has helped in **Restructuring the Course Curriculum**. Based on student feedback, the University upgraded the PG Courses in 2016-18 and 2020-21. The Departments have also started paying Special attention to the weaker students, through counseling, mentoring, etc. Special Coaching for SC/ST students are conducted to compete in various competitive examinations.

3. Redesigning the infrastructural support system

The University has established the E-library and procured e-journals/e- books. Dedicated spaces/facilities are provided for research scholars. Separate common rooms, and washrooms for girl students have been developed by all Departments.

4. Inculcating more field/industry exposure

Departments are more careful about the field exposure / Project work of their students. Industrial Tours, summer internships, Project writings, in-house interactions by arranging talks, seminars, workshops, skill development programmes, etc. with invited speakers from different fields have become regular features in the Departments.

5. Taking steps for placement of students

Steps were taken by University placement Cell to connect students and organize training programmes for better on/off campus placement.

File Description	Document
Any additional information	View Document
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
Link for Additional Information	View Document
Paste web link of Annual reports of University	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:

As per the recommendations of the last NAAC visit, the following post-accreditation quality initiatives have been undertaken by the university during 2015-2020:

1. NAAC Recommendation: Introduce more courses in emerging/need-based areas

Post accreditation quality initiative: A total of 339 new courses introduced within the last five years along with 22 value-added courses have been offered for imparting transferable and life skills in emerging and need-based areas as mentioned under SSR 1.2.1 and 1.3.2.

2. NAAC Recommendation: Introduction of Choice Based Credit and Semester (CBCS) System

Post accreditation quality initiative: Jiwaji University introduced the Choice Based Credit and Grading System (CBCS) in 2015-16 for all its academic programmes and NEP from 2020. (Proof see 1.2.2)

3. NAAC Recommendation: Enhancement of computer and other infrastructure facilities

Post accreditation quality initiative: Computerization of departments has been accelerated and every department (Schools of Studies) is now computerized thus resulting in increased efficiency and service. A state-of-the-art sophisticated instrument facility and various support facilities have been created in Dr A. P. J. Abdul Kalam Central Instrumentation Facility (CIF) for excellence in teaching and research. A new additional Pharmacy building along with Tower Like Study Centre has been created to strengthen teaching-learning process.

4. NAAC Recommendation: Filling up vacant teaching posts on top priority.

Post accreditation quality initiative: It is still under consideration by the State Government.

5. NAAC Recommendation: Innovations in the teaching-learning process with ICT aids and establishment of campus Wi-Fi facility

Post accreditation quality initiative: Several Smart classes have been set up in different Schools of Studies with internet facilities and interactive Boards. Some departments have live audio-video facilities for online classes. The University campus is Wi-Fi enabled with remote access for both students and teachers.

6. NAAC Recommendation: Enhancement of staff welfare schemes

Post accreditation quality initiative: The staff welfare schemes include subsidized transport facility, child care facilities and free Ambulance and health treatment facilities at the University Health Centre located on the campus and with Parivar Multi Speciality Hospital for advance stage treatment. (Proof see 6.3.1)

7. NAAC Recommendation: Enhancement of collaborative linkages with other institutions for teaching and research and initiation of resource-generating consultancy.

Post accreditation quality initiative: The University has made several collaborative linkages with R & D Institutions and Industries by way of MoUs. The University follows Ordinance 16 dealing with consultancy services.

8. NAAC Recommendation: Strengthening of the alumni network

Post accreditation quality initiative: The university has made efforts to unite all the alumni through networking and the Alumni meeting of the University takes place at an interval of three years. However, departmental alumni meetings are taking place regularly. (Proof see 6.4.1)

9. NAAC Recommendation: Enhancement of IT applications in administrative systems and library

Post accreditation quality initiative: Admission, examination and results declaration are fully automated through University Management System. The Library is semi-automated.

10. NAAC Recommendation: Enhancement of CDC activities

Post accreditation quality initiative: Standard operating procedures related to the affiliation, workshop on Vocationalisation of higher education, NAAC workshop for accreditation, and starting research centres etc.

File Description	Document
Any additional information	View Document
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:

Gender sensitization is the process of transforming mentality of men and women, a stereotype old mindset that both genders are not equal and thus their socioeconomic spaces are also different in nature and areas. The gender sensitization aims to educate people that despite differences between gender and sex, the socioeconomic, developmental and intellectual needs of an individual are same while in some special areas the requirements may not be same. The goal of gender sensitization is to raise awareness of the relevance of gender sensitivity in the workplace among working professionals. Individuals who are not sensitive to the requirements of one gender may be unable to comprehend the needs of the other.

Gender is a socially learned behavior based on male and female social expectations. Women and children are the most vulnerable members of society under this situation. And it's the unreasonable pressure placed on boys and girls to conform to established masculinity and femininity stereotypes. Girls are subjected to unjustified social control, discrimination, and dominance. The stereotype mindset of the people, in general, is that boys should be emotionally and physically strong, emotional, kind, and scared boys are discouraged. In the case of females, the girls should be shy, emotional, kind, tender and soft. Gender Sensitization provides a clear and exact vision of gender, assisting in the understanding that GENDER is not about Women, but rather 'People'. Gender equity and gender sensitization are the needs of today which was felt by Jiwaji University quite early. A cell of for complaints of Sexual Harassment Against Women (SHAW-cell) now known as the Internal Complaints Committee, was constituted which takes care of complaints by any employees, or students against sexual harassment at the workplace. Various activities including debate, panel discussion, lectures, essay competition, rangoli competition, sports etc., are organized by the Internal Complaints Committee of Jiwaji University on 8th March, International Women's Day, every year.

Women's empowerment and gender equality are one of the primary concerns at institute. We practice to bring a positive change in the attitude and support equity among genders within the institute.

The University health centre is situated near the university girl's hostels for the benefit of students, staff and their family members. Because of its proximity to the girl's hostel, the girl student can visit the health centre for any medical issues. Lady Ayurvedic specialists of health Centres visit the hostel and address the inmates on issues of personal hygienity, commone health issues faced by girls. A visit by the specialist in the academic year 2020-21 revealed that about 40% of hostel inmates suffer from PCOs event at teenage. Remedial measures including lifestyle management were advocated to them by the Strirog specialist.

University has its own ambulance which is available for 24 hours.

- Promoting activities related to health, nutrition, self-defense and entrepreneurship among the

female students.

- Conducting regular meetings of anti-ragging / women and student grievances redressal committees for monitoring and evaluation of gender equality in the institution.
- Provide professional counselling to the students and career enhancement for female students.
- Encouraging girl students applying for scholarship schemes and especially for women provided through various central / state government schemes.
- Encouraging girl students participating for various social and cultural programme organized by various agencies / society / central / state government.
- Balanced gender quota while recruitment / admission.

File Description	Document
Specific facilities provided for women in terms of: a.Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. 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	View Document
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:

Degradable Waste Management

Objective of the sustainable degradable waste management practice is to convert degradable organic waste coming from University hostel's kitchen, city temples and gardens of Jiwaji University into compost by using Vermicomposting technique thereby achieving dual outcomes of sustainable waste management and its use as organic compost. Biocomposting is also being practiced in some departments and hostels.

University has been continuously practicing the process of vermicomposting for the last 10 years. University garden waste is being used to make manure. Apart from this, the use of waste of flowers of the temples is being used by the University to make compost by vermicomposting.

In future, the process of making manure from garden waste will be started in all departments of the university so that waste management of all departments can be done. Apart from this, the waste coming out of the hostels of University will also be managed through vermicomposting. For this, training and awareness programs will also be run. So that the university can become 100 percent self-sufficient in degradable waste management

Uniqueness of project lies in the fact that they have potential for skill development and employment generation. The raw material is easily available and training can be easily imparted. It can be modeled in variety of places ranging from villages to metros. The setup cost is minimal and the return on investment is good.

Non-Degradable Waste Management

- It is segregated at source and collected by Safai Karmachari to dispose off properly to the dumping yards of Municipal Corporation.
- Waste like plastic, metals, glass, cardboard, newspaper and stationery are systematically collected, segregated and sold to authorize vendors for its recycling, as per university guideline.
- Institute adopts almost paperless concept by digitization of office procedures through electronic means via email, WhatsApp as group and Smart classroom; thus, reducing paper-based waste and reduce carbon dioxide emissions.
- Use of paper printed on one side is encouraged in sending fax, print drafts before final document, meeting minutes, memos and notes in office practices as environmentally preferred alternative to waste management to reduce pollution.
- Dustbins have been installed throughout the institute and campus for waste segregation.

The waste water is carried out through the pipeline. Waste like cotton gauze, bandage, are disposed along with degradable waste.

There is no hazardous chemical and radioactive waste. The institute is free from any kind of radioactive waste.

Various scrap material and e-waste material of University have been converted to artifacts and models which are live with the areas of installation.

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	View Document

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

Response: A. Any 4 or all of the above

File Description	Document
Geotagged photographs / videos of the facilities	View Document
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	View Document
Certificates of the awards received	View Document
Any other relevant information	View Document

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	View Document

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 ‘unity in diversity’ that’s how the Campus finds students of different religions, languages and culture from all over Madhya Pradesh and other states (Jammu & Kashmir, Chhattisgarh, Bihar, Jharkhand, Rajasthan, Uttar Pradesh etc.). We feel the institute is our

second home and all faculties and employees like a family member. The faculty and students greet and wish each other at religion based festivals and get to gethers are arranged in departments celebrating birthdays of students across the barriers of caste/creed/region. The cultural events conducted on campus invariably include region based cultural activities. The Tourism and hospitality festivals, Food festivals conducted annually stand good examples promoting brotherlyhood across all barriers.

- To represent our Indian culture, on the eve of our institute annual gathering we organize a traditional dress competition and fashion show. In this competition students wore the different attire representing the different states, religions and cultures. Through this activity students get acquainted with the different culture of our nation and help to develop the tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. This also creates the inclusive environment in the institute and society.
- Regular Yoga Activities and Camps are being organized by the University.

University link for Dean Student Welfare Office and Syllabus Mentioning the courses and their content keeping India's cultural, regional, linguistic, communal, socio-economic and such other diversities in view to sensitize the students and foster tolerance attitude.

<http://www.jiwaji.edu/anti-ragging.asp>

http://www.jiwaji.edu/syllabus-08-09_new.asp

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:

- India, as a country, includes individuals with different backgrounds viz., cultural, social, economic, linguistic, and ethnic diversities governed and guided by the Constitution irrespective of caste, or religion.
- The University sensitizes the students and the employees of the institution to the constitutional obligations about values, rights, duties, and responsibilities of citizens which enables them to conduct as responsible citizen.
- To equip students with the knowledge, skill, and values that are necessary for sustaining one's balance between a livelihood and life by providing an effective, supportive, safe, accessible, and

affordable learning environment. These elements are inculcated in the value system of the institute community.

- The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities by inviting prominent people. The institute conducted awareness programs on the ban on plastics, cleanliness, Swachh Bharat, etc. involving students.
- The University also conducts the following events;
 - a) Paying rich tributes to martyrs on martyrs day
 - b) Traffic rules awareness rallies for public
 - c) Rallies for generating awareness among the public to participate in ‘Voting’ in elections
- The institute establishes policies that reflect core values. Code of conduct is prepared for students and staff and everyone should obey the conduct rules.

The University curricula are framed with mandatory courses like Professional ethics and human values, Constitution of India, Essence of Indian Traditional Knowledge, as a small step to inculcate constitutional obligations among the students.

Jiwaji University while focusing to provide the students with knowledge and skills, also sensitizes the students and the employees about the rights, duties, and human values for responsible citizenship through various curricular, co/extra-curricular and extension activities from time to time. The courses offered by some departments at the post graduate and Ph.D. levels inculcate the constitutional obligations (values, rights, duties and responsibilities of citizens) among the students. Several departments also offer open elective courses for students to further strengthen the knowledge of students regarding constitutional obligations. The University takes many initiatives every year like conducting awareness campaigns, organizing orientation programmes, training programmes, debate/essay competitions, seminars and workshops and observation of days of national importance to sensitize the students and staff to inherit human values in accordance with the constitutional obligations.

Celebration of Gandhi Jayanti to sensitize about the values of nonviolence, compassion, truth and righteousness; Independence and Republic Days to instill the spirit of nationalism and patriotic feelings are routine annual activity. Constitution Day is celebrated every year on 26th November to remind the principles of humanitarian values, rule of law, equality and dignity of the individual, liberty, harmony, and justice as enshrined in our constitution.

World Environment Day, Van Mahotsav week, Plantation drive, Swachha Bharat Abhiyan etc. are organized to spread awareness among the stakeholders on the importance of protection and conservation of environment and sustainable development. Different departments, centres and NSS Bureaus/units of University actively undertake different activities/community outreach programmes throughout the year to inculcate values for being responsible citizens.

http://www.jiwaji.edu/7.1_institutional.asp#

<http://www.jiwaji.edu/ordinance.asp>

<http://www.jiwaji.edu/statute.asp>

<http://www.jiwaji.edu/adhinyam.asp>

<http://www.jiwaji.edu/budget-2017-18.asp>

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 and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View Document
Code of ethics policy document	View Document
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 celebrates National festivals and birth/death anniversaries of our National leaders with patriotic fervor and nationalistic spirit to recall the sacrifice and service done by them, and ignite the spirit of selfless service to the nation among the students and staff. It follows the protocols in celebrating Republic Day, Independence Day and other national holidays. In addition, the birth and death anniversaries

of eminent personalities are marked by garlanding of their portraits/bust/statue in the presence of students and staff.

Gandhi Jayanti and Ambedkar Jayanti are observed to acknowledge their outstanding contributions to the country and to encourage everyone to adopt the values of nonviolence, truth, social equity, inclusiveness and harmony in their life.

University celebrates the Constitution Day every year with special programs to remind everyone about the rights, duties and responsibilities as Indian citizens. Since its declaration in 2015, the University observes International Yoga Day with active participation of students and staff of the University inviting experts to raise awareness about the many benefits of practicing yoga. National Science Day is observed every year with a special talk to develop scientific temper among the students. As a mark of respect to the teachers, the students celebrate Teachers' Day every year. Every year, University organizes various programs on special days like International Women's Day, etc.

To develop environmental consciousness among the students and staff, the University/concerned department observes World Environment Day, Ozone day, Bana Mahotsav week etc. with special programmes like plantation, cleanliness drive, rally etc. are organized.

In the academic year 2020-21 with prevailing Covid 19 pandemic, many of the events were celebrated in online mode or in the presence of a few members while following all the COVID-appropriate protocols. <http://www.jiwaji.edu/corona.asp>

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:

Best Practice – I

1. Title of the Practice

Energy conservation and sustainable solid waste management

2. Objective of the practice

Energy conservation and practice is to encourage use of alternative source of energy. The Jiwaji University has established. Solar technology to meet its energy demands as much as possible in a green manner. This initiative has helped the University in reducing dependency on conventional sources of energy for meeting their energy requirements and increasing its dependency on renewable energy resources.

Solar energy plays crucial rule in this initiative. Solar cell panels, Solar heaters, Solar lightning and solar energy-based equipment are used. Photoelectric effect is the underlying principle of working of Solar based electricity equipment.

Sustainable waste management practice is to convert organic waste coming from University hostel's kitchen, city temples and gardens of Jiwaji University into compost by using Vermicomposting technique thereby achieving dual outcomes of sustainable waste management and its use as organic compost.

Many religious beliefs prevent temple flowers from being trashed, as they are considered sacred. This is one of the reasons why people prefer to discard them in rivers, lakes and other water bodies, which then mix with the water and land resources and pollute them. Intended outcomes of vermicomposting practice would not only abate the river and land pollution but also produced compost of superior value with very high nutritional value. The vermicompost is not only used on campus gardens but is also made to public at very subsidized rate.

3.The Context

Major contextual features for making energy conservation initiative successful is the space selection for capturing solar energy. It is to be ensured that space for solar equipment is such that it receives ample amount of Sunlight without any hindrance from nearby buildings and trees. Second important feature of the initiative is to select the lab equipment that are energy efficient and can be integrated to the solar cell panels. e.g. Weather station at School of Studies in Environmental Science, it uses solar cell panels to monitor weather parameters.

For the Energy auditing, School of Studies in Environmental Science is coordinating with the various Departments of Jiwaji University and its campus to audit them time to time.

Ensuring maintenance of solar equipment is indispensable to the project as they are the crucial for energy conservation. School of Studies in Environmental Science rely on Solar equipment considerably as its uses Solar Weather forecasting station, solar panels and solar lightning in garden.

Lot of waste is generated from discarded flowers from temple sources and is generally subjected to incineration. Temple waste includes discarded flowers, household wastes, incense sticks, etc. It also includes non-degradable items such as utensils, plastics, polythene etc. Though the waste is segregated at the source itself, it still consists of plastics remnants from garlands etc. Garden waste involves leaves, branches etc. while kitchen waste includes leftover foods and vegetables. Major contextual features for making sustainable waste management successful is to ensure waste is segregated at the source itself.

Maintaining physio-chemical parameters such as temperature, pH, electrical conductivity, moisture content and volatile solid samples is quite essential for obtaining nutrient rich compost and requires consistent monitoring.

4.The Practice

Students of School of Studies in Environmental Science are carrying out periodic Energy auditing in the University's Departments. Department coordinates with the administration and encourage them to use energy efficient appliances. This helps Departments to reduce their electricity footprints significantly. Use of Light emitted diodes bulbs and Bureau of energy efficiency high star rating equipment are being installed in the University and Department. This initiative also helps in creating a generation of citizens that are sensitive to the environment and have acquired requisite skills to carry on with their environment friendly activities while inspiring others to do the same. The Department is conducting the University energy audit periodically. Data generated thereby via energy audit enables the university to take necessary steps in requisite directions to reduce their electricity footprint from conventional resources. e.g. University gardens are being lightened by solar cell panels after sunset.

School of Studies in Environmental Science has Green building that largely uses the sunlight to light itself thereby reducing need of electrical lightning. Building stays airy in summer and nearby tree cover ensures cool air supply.

Uniqueness of this project lies in the fact that it has a potential for mitigating the impacts of global warming and climate change while encouraging sustainable and energy efficient practices.

Many compost pits (More than 15) are made for the purpose of vermicomposting at site of School of Studies in Environmental Science. Department has also coordinated with the University hostels in creating onsite vermicomposting pits. The pits are filled with organic waste every day. Each pit has capacity of 300-400 kg. The temple waste is thoroughly mixed with cow dung. This is to ensure proper mixing and faster decomposition. It also improves the quality of compost. The composting is done on a phased manner. **5. Physio-Chemical Analysis**

The department has facilities for chemical analysis of the prepared compost. The following chemical parameters are analyzed:

1. Total Nitrogen.
2. Total Phosphorus.
3. Electrical Conductivity.
4. Moisture content.
5. pH
6. Organic Carbon
7. Humus

Once the compost is ready after its due course, the compost is then sealed in bags and containers. The compost takes only 40 days to prepare.

Uniqueness of this project lies in the fact that it has a potential for skill development and employment generation besides solid waste utilization in the form of nutrient rich compost. The raw material is easily available and training can be easily imparted. It can be modelled in variety of places ranging from villages to metros. The setup cost is minimal and the return on investment is good.

Vermicomposting requires no energy or electricity input unlike production of synthetic fertilizers which is an energy intensive process. Most of the energy is derived from fossil fuel based sources in order to produce synthetic fertilizers.

Vermicomposting contains plant hormones like auxin and gibberellins and enzymes which believed to stimulate plant growth and discouraged infiltration of plant pathogens. Thus, Vermicomposting result into good plant yield. Adding Vermicomposting enriches soil by adding essential plant nutrients like nitrogen, phosphorus and potassium, improve crop yields, and reduce chances of plant diseases.

5.Evidence of Success

School of Studies in Environmental Science has been successfully practising environmental friendly approach in the University Departments and campus. It has created the culture of using solar panels for lightning the gardens in the university. It has taken the initiative to set Zero emission and green weather forecasting station that functions using solar light. Regular and sincere auditing of the University Departments and campus has enabled them to take environmental friendly initiatives. Also, School of Studies in Environmental Science is sending an encouraging message of green architecture pre-planning before commencing on any infrastructure project with its own Green building.

We are converting 50-60% of waste into compost using Vermicomposting in more than 15 pits, where each pit has capacity of 300-400 kg. The compost is of good quality. The compost is used in University gardens for enriching the soil. This has eliminated the need for chemical fertilizers for the same. Surplus compost is also marketed as green compost by the Jiwaji University. It provides the revenue to the University and organic compost to the end users.

We also provide skill training to other institutes and individuals like farmers, gardeners and students who wish to learn this skill of composting. This enhances their job potential and provides a sustainable source of income to them. We also encourage Schools teachers and students to visit vermicompost site on campus and learn about Sustainable Solid Waste Management. Active involvement of students, research scholars and teachers of School of Studies in Environmental Science in the training modules enhance their waste management skills and inculcate green habits in them.

Our initiative has extended over a period of time and is greatly accepted and loved in society. Temples administration themselves segregate wastes at their premises to their best and sponsor transporting of the temple waste to departmental Vermicomposting field.

6. Problems encountered and resources required

Energy conservation requires resources and skills such as solar cell panels to meet energy demands, solar energy-based equipment in the requisite Departments, integration of innovative green architecture planning according to local supply of resources. Significant Manpower is required to carry out Energy audit of all the Departments, hostels and University campus.

No major problems are encountered as such in converting temple waste to Organic compost. However, Vermicomposting requires consistent supply of organic waste, segregated of all nonbiodegradable things that otherwise can be present and affects the productivity of earthworms and quality of compost thereby.

7. Notes (Optional)

Non-conventional energy sources can be tapped by any Institution. Similar practice can be adopted by other Institutions as well.

(ii) Best Practice – II**1. Title of the Practice**

Excellence in Sports

2. Objectives of the Practice

The objective of the Practice is to impart training to the students of the University and children and youth of Gwalior so that they may excel in sports. In addition, the department of Physical Education also organizes zonal and National sports events, championship meets, summer training programs for children and local residents, yoga classes for both, young and elderly persons.

3. The Context

The University has established itself as a leading centre in sports in the region and is presently catering to the sports need of Children, Youth and old People of Greater Gwalior by organizing regular Yogic classes and scientific coaching camps in different games and sports. The Sports Complex has got two floodlight basketball courts with portable uprights, three floodlight tennis courts, four volleyball courts (caged) one hockey ground, one grassy football ground, standard cricket ground with turf wicket, one Kho-Kho, two Kabaddi, one Handball, one Indoor hall for Table Tennis, Judo, Aerobic, Badminton, Wrestling and Weight Lifting and a 400 m. grassy track. The sports complex of University is named as Mahadji Scindia Sports Complex.

4. The Practice

In order to facilitate the sports activities, the department of physical education was established in 1972, The department has been functioning as the prime nucleus for the organization of the sports activities in various sports disciplines at college, university and national level. The Department has already made a significant landmark in this direction. It has now taken an academic status and caters to the needs of the public in general and the standard of physical education in the university in specific. The sport Department of university is offering UGC recognized programmes such as Bachelor of Physical Education and Master of Physical Education. The Facilities available in the sport complex in the university are being used by Government as well as Non-Government organizations for conducting their sport Programme.

5. Evidence of Success

The students of Jiwaji University have won several laurels. Our hockey (women) team won the first place amongst Indian Universities (2007-08), the Badminton (women) team won the first place amongst Indian Universities (2007-08). The Badminton (women) and Volleyball (men) teams stood second and fourth in the region respectively.

6. Problems encountered and resources required

As such no major problems are experienced even from resource point of view.

7. Notes (Optional)

Nil

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:**

The University has made long strides to excel in teaching and research in almost all academic sectors and is evident from the fact that the efforts are widely acclaimed by World ranking Organizations. The University has 77th Rank in the country by Education World Rank, # 85 by SIR Rank, #86 – 90 by QS Rank and # 114 by UNI Rank.

Research component both at post-graduation and PhD levels directly contributes not only to the enrichment of knowledge but also broadens the horizons of students. The Jiwaji University has always promoted excellence in research and in this regard established the Abdul Kalam Central Instrumentation Facility (CIF) with state of art equipments.

For excellence in teaching and research in school of studies at Jiwaji University, Gwalior state-of-the-art sophisticated equipments, and various support facilities have been created. These equipments and facilities help the faculty, research scholars and students to carry out globally competitive R & D in basic and applied science. Since individual researcher may not be able to generate huge research funds for the research instruments, a Central Instrument Facility (CIF) was started in Jiwaji University with a mission to enrich the resources on a shared basis for promoting R & D with the following objectives.

- To strengthen technical infrastructure to carry out advanced research in various science disciplines under one roof and make their services available to academic schools and departments.
- To organize short-term courses/workshops on the use and application of various spectroscopic and analytical techniques for students, teachers and technical personnel from our University, affiliated institutions, Universities and Industry in the region.
- To develop new measurement / analytical techniques: Efforts are being made by the CIF to develop new techniques / methods of analysis to put the instruments to their full use and offer them to the scientists for exploring new dimensions in research in various areas of science and technology.
- To allow outside users to utilize CIF equipment on a nominal payment basis.
- To start Bachelor and Master level Courses on instrumentation using the following instrumental facilities are available in the CIF centre.

1. Liquid Chromatography - Mass Spectroscopy (LC-MS)
2. High Performance - Liquid Chromatography (HP-LC)
3. Differential Scanning Calorimeter (DSC)
4. Particle Size Analyzer (PSA)
5. X-Ray Powder Diffraction (Powder XRD)
6. Fourier Transform Infrared Spectrometer (FT-IR)
7. Microbalance
8. Spectro fluoro photometer (SFPM)
9. DNA Sequencer
10. iBolt Gel Transfer Device
11. Qubit Fluoro meter
12. Transmission Electron Microscope (TEM)
13. Thermogravimetric Analysis (TGA)
14. Flow Cytometry
15. Real Time – PCR
16. Ultraviolet - Visible spectrophotometer (UV-VIS)
17. Electro square porator
18. Gas Chromatography

File Description	Document
Any other relevant information	View Document
Appropriate web in the Institutional website	View Document

5. CONCLUSION

Additional Information :

- The University mentors the students through nine academic cells/centers which include the Entrepreneurship Cell, Skill Development Cell, Information Technology Cell, Centre for Trace Element Studies, Centre for Yoga and Meditation, Placement Cell, Centre for Tribal Studies, Centre for Anandam and Centre for Innovation.
- The School of Studies in Distance Education is an active part of the University that provides education in distance mode in a number of UG and PG programmes. Besides this, the University is also the hosting center of Indira Gandhi National Open University (IGNOU) and M.P. Bhoj Open University.
- The students of Jiwaji University and affiliated colleges have been conferred Padama Vibhushan, (Atal Bihari Bajpai) Padam Bhushan (Major Shriram Mehta, Dr. V.K. Saraswat), and Padam Shree (Dr. B.N. Rao, Dr. L.V. Pathak, Dr. M. G. Deo, Dr. S. R. Dharkar, Dr. L.C. Gupta, Dr. M.N. Passey, Prof. P.B. Buckshey, Dr. Uma Tuli).
- The University has witnessed the presence of various dignitaries in the past like Prof. Radha Krishnan, Shri Atal Behari Bajpai, Dr. A.P.J. Abdul Kalam, Dr. Balram Jakhar, Dr. Rameshwar Thakur, Dr. Murli Manohar Joshi, Ustad Amjad Ali Khan, Pandit Kishan Maharaj, Dr. R. Chidambaram, and the former President Shri Ram Nath Kovind.

Concluding Remarks :

Jiwaji University has excelled in several spheres in the last 5 years. National and international publications by the faculty have brought great distinction and global visibility carrying forward our academic legacy. The University to its credit has a number of patents, and innovations. Creating excellent infrastructural facilities has been a major strength of the university attracting quality enrolment and has contributed to the emergence of Gwalior as an educational hub. The student population at the University has grown more diverse in subsequent years. A responsive administration coupled with an effective teaching-learning process with a deep concern for slow learners, differently abled students, and students from marginal communities has immensely contributed to the impressive success of the University. The Director College Development Council and Distance Education cater to educational needs through its efficient and accessible extension services.

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

- Dissemination and creation of knowledge, equity, inclusivity, excellence, key and relevant research, and delivery of quality education
- Making accessible higher education to various social classes with a particular focus on increasing the GER of socially challenged classes
- Increasing the GER in the areas of university jurisdiction with a special focus on the backward regions (Sheopur, Datia, Shivpuri, Guna, and Ashok Nagar in the Gwalior-Chambal Division).
- Meeting job aspirations and requirements through numerous skill-based programs and courses proposed in the plan.
- Increasing the culture of research in some marked thrust areas in consonance with regional, national, and international perspectives.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.1.2	<p>Percentage of Programmes where syllabus revision was carried out during the last five years.</p> <p>1.1.2.1. How many Programmes were revised out of total number of Programmes offered during the last five years Answer before DVV Verification : 67 Answer after DVV Verification: 67</p> <p>1.1.2.2. Number of all Programmes offered by the institution during the last five years. Answer before DVV Verification : 81</p>																				
1.1.3	<p>Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years</p> <p>1.1.3.1. Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>152</td> <td>238</td> <td>36</td> <td>23</td> <td>1688</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>2137</td> <td>1985</td> <td>1747</td> <td>1711</td> <td>1688</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	152	238	36	23	1688	2020-21	2019-20	2018-19	2017-18	2016-17	2137	1985	1747	1711	1688
2020-21	2019-20	2018-19	2017-18	2016-17																	
152	238	36	23	1688																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
2137	1985	1747	1711	1688																	
1.2.1	<p>Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.</p> <p>1.2.1.1. How many new courses were introduced within the last five years. Answer before DVV Verification : 1077</p> <p>1.2.1.2. Number of courses offered by the institution across all programmes during the last five years. Answer before DVV Verification : 2645 Answer after DVV Verification: 2645</p>																				
1.3.2	<p>Number of value-added courses for imparting transferable and life skills offered during last five years.</p> <p>1.3.2.1. How many new value-added courses are added within the last five years. Answer before DVV Verification : 174 Answer after DVV Verification: 174</p>																				
1.3.3	<p>Average Percentage of students enrolled in the courses under 1.3.2 above.</p> <p>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.</p>																				

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1303	1267	1244	1285	1024

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1303	1267	1244	1285	1024

- 1.4.2 **Feedback processes of the institution may be classified as follows:**
- Answer before DVV Verification : A. Feedback collected, analysed and action taken and feedback available on website
- Answer After DVV Verification: A. Feedback collected, analysed and action taken and feedback available on website

- 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)**

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1397	1113	1098	1108	1132

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1104	894	882	888	930

Remark : As per the data provided with the Metric during clarification. The actual students admitted from the reserved categories year wise cannot be more than the the number of seats earmarked in that year. Excess admission made in the categories is considered as General Merit admission.

- 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**
- 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:

2020-21	2019-20	2018-19	2017-18	2016-17
60	65	65	70	73

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
67	72	72	77	80

Remark : As per the HEI data attached with the Metric during clarification.

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)**

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

Answer before DVV Verification : 1473

Answer after DVV Verification: 1437

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**

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:

2020-21	2019-20	2018-19	2017-18	2016-17
6	6	13	16	10

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
01	01	06	04	04

2.5.4 **Status of automation of Examination division along with approved Examination Manual**

Answer before DVV Verification : 100% automation of entire division & implementation of Examination Management System (EMS)

Answer After DVV Verification: 100% automation of entire division & implementation of Examination Management System (EMS)

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:

2020-21	2019-20	2018-19	2017-18	2016-17
64	54	52	50	88

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
64	54	52	50	88

3.1.3 **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:

2020-21	2019-20	2018-19	2017-18	2016-17
9	12	9	8	11

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
2	8	5	3	2

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.**

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:

2020-21	2019-20	2018-19	2017-18	2016-17
26	25	45	27	33

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
09	16	12	12	16

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 : 19

Answer after DVV Verification: 18

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).

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).

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
8.36	30.18	8.36	8.36	8.36

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
10.91	10.91	0	0	0

3.2.2 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:

2020-21	2019-20	2018-19	2017-18	2016-17
163.08	169.84	87.9	165.84	121.44

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
163.08	169.84	87.9	165.84	121

3.2.3 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 : 30 **3.2.3.2. Number of full time teachers worked in the institution year-wise during the last five years..**

Answer before DVV Verification : 67

Answer after DVV Verification: 67

3.3.2 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:

2020-21	2019-20	2018-19	2017-18	2016-17
24	24	21	29	26

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
24	16	17	08	18

Remark : As per the HEI data attached with the Metric during clarification.

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

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

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

3.4.4 **Number of Ph.D's awarded per teacher during the last five years.**

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

Answer before DVV Verification : 333

Answer after DVV Verification: 331

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

Answer before DVV Verification : 67

Answer after DVV Verification: 67

3.4.5 **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:

2020-21	2019-20	2018-19	2017-18	2016-17
349	248	293	201	198

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
120	142	178	193	195

Remark : The HEI has large number (380 entries) of multiple claims of the same paper. HEI was requested to provide link of the paper on ugc-care/ scopus/web-of science. This has not been done. The data contains large number of invalid ISSN. As per the HEI data.

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

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:

2020-21	2019-20	2018-19	2017-18	2016-17
58	54	55	53	50

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
29	21	18	14	25

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

Answer before DVV Verification : C. Any 3 of the above

Answer After DVV Verification: A. Any 5 of the above

3.5.2 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:

2020-21	2019-20	2018-19	2017-18	2016-17
29.61	70.66	76.05	75.08	52.75

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
4.58	65.93	75.08	75.08	52.75

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

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:

2020-21	2019-20	2018-19	2017-18	2016-17
20	11	9	18	24

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
11	5	4	14	17

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 year-wise during the last five years.

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
128	65	68	47	45

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
88	57	58	37	38

3.7.2 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 during the last five years.

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.

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
45	32	10	7	5

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17

35	32	10	7	5
----	----	----	---	---

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:

2020-21	2019-20	2018-19	2017-18	2016-17
305	674	1735	2007	1262

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
302	674	1730	2003	1260

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)

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)

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
268	120	128	165	43

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
271.6	120.4	122.8	164.7	42.8

Remark : As per the HEI statement and the data attached with the Metric during clarification.

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

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

Answer before DVV Verification : 1150

Answer after DVV Verification: 1150

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)

4.3.1.1. Number of classrooms and seminar halls with ICT facilities

Answer before DVV Verification : 234

Answer after DVV Verification: 198

Remark : As per the HEI data attached with the Metric during clarification. The HEI has not provided attested copy of the stock register as requested. As per the photographs in the link (website)

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:

2020-21	2019-20	2018-19	2017-18	2016-17
2672	1748	2448	1419	2207

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
398.2	283.4	209.7	267.5	198.4

Remark : As per the HEI claim of the expenditures. The HEI has claimed purchase of equipment, purchase of Book, furniture and assets as Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities). Only expenditures related to maintenance of infrastructure (physical facilities and academic support facilities) including vehicles, buildings, computers and sports facilities have been considered.

5.2.3 Percentage of student progression to higher education (previous graduating batch).

5.2.3.1. Number of outgoing student progressing to higher education.

Answer before DVV Verification : 947

Answer after DVV Verification: 947

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.

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.

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
26	19	16	19	22

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
26	19	16	19	22

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**

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: A. All of the above

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).**

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:

2020-21	2019-20	2018-19	2017-18	2016-17
36	31	27	22	33

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
36	31	27	22	33

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).**

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).**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
835	200	350	1200	250

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1157	522	610.82	1522	572

6.4.3	<p>Funds / Grants received from non-government bodies, individuals, philanthropists during the last five years (not covered in Criterion III and V) (INR in Lakhs)</p> <p>6.4.3.1. Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="306 389 1046 524"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>8.36</td> <td>30.18</td> <td>8.36</td> <td>8.36</td> <td>8.36</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="306 602 1046 736"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>8.36</td> <td>30.18</td> <td>8.36</td> <td>8.36</td> <td>8.36</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	8.36	30.18	8.36	8.36	8.36	2020-21	2019-20	2018-19	2017-18	2016-17	8.36	30.18	8.36	8.36	8.36
2020-21	2019-20	2018-19	2017-18	2016-17																	
8.36	30.18	8.36	8.36	8.36																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
8.36	30.18	8.36	8.36	8.36																	
6.5.2	<p>Institution has adopted the following for Quality assurance</p> <ol style="list-style-type: none"> 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). <p>Answer before DVV Verification : A. Any 5 or more of the above Answer After DVV Verification: A. Any 5 or more of the above</p>																				
7.1.4	<p>Water conservation facilities available in the Institution:</p> <ol style="list-style-type: none"> 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 <p>Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: A. Any 4 or all of the above</p>																				
7.1.6	<p>Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:</p> <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 																				

	<p>3. Environment audit</p> <p>4. Clean and green campus recognitions / awards</p> <p>5. Beyond the campus environmental promotion activities</p> <p>Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: A. Any 4 or all of the above</p>
7.1.7	<p>The Institution has disabled-friendly, barrier free environment</p> <p>1. Built environment with ramps/lifts for easy access to classrooms.</p> <p>2. Divyangjan friendly washrooms</p> <p>3. Signage including tactile path, lights, display boards and signposts</p> <p>4. Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment</p> <p>5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</p> <p>Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: A. Any 4 or all of the above</p>
7.1.10	<p>The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.</p> <p>1. The Code of Conduct is displayed on the website</p> <p>2. There is a committee to monitor adherence to the Code of Conduct</p> <p>3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff</p> <p>4. Annual awareness programmes on Code of Conduct are organized</p> <p>Answer before DVV Verification : A. All of the above Answer After DVV Verification: A. All of the above</p>

2.Extended Profile Deviations

ID	Extended Questions																				
1.2	<p>Number of departments offering academic programmes</p> <p>Answer before DVV Verification : 35 Answer after DVV Verification : 35</p>																				
2.2	<p>Number of outgoing / final year students year-wise during last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>1879</td> <td>1153</td> <td>1295</td> <td>1436</td> <td>1933</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>1979</td> <td>1269</td> <td>1434</td> <td>1618</td> <td>2261</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	1879	1153	1295	1436	1933	2020-21	2019-20	2018-19	2017-18	2016-17	1979	1269	1434	1618	2261
2020-21	2019-20	2018-19	2017-18	2016-17																	
1879	1153	1295	1436	1933																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
1979	1269	1434	1618	2261																	

2.3	<p>Number of students appeared in the University examination year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="196 271 986 383"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>1979</td> <td>1208</td> <td>1345</td> <td>1543</td> <td>2068</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1" data-bbox="196 461 986 573"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>2229</td> <td>1368</td> <td>1505</td> <td>1648</td> <td>2068</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	1979	1208	1345	1543	2068	2020-21	2019-20	2018-19	2017-18	2016-17	2229	1368	1505	1648	2068
2020-21	2019-20	2018-19	2017-18	2016-17																	
1979	1208	1345	1543	2068																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
2229	1368	1505	1648	2068																	
3.1	<p>Number of courses in all programs year-wise during last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="196 734 986 846"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>172</td> <td>266</td> <td>40</td> <td>45</td> <td>2122</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1" data-bbox="196 925 986 1037"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>2645</td> <td>2473</td> <td>2207</td> <td>2167</td> <td>2122</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	172	266	40	45	2122	2020-21	2019-20	2018-19	2017-18	2016-17	2645	2473	2207	2167	2122
2020-21	2019-20	2018-19	2017-18	2016-17																	
172	266	40	45	2122																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
2645	2473	2207	2167	2122																	
3.2	<p>Number of full time teachers year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="196 1205 986 1317"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>67</td> <td>72</td> <td>72</td> <td>77</td> <td>80</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1" data-bbox="196 1395 986 1507"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>67</td> <td>72</td> <td>72</td> <td>77</td> <td>80</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	67	72	72	77	80	2020-21	2019-20	2018-19	2017-18	2016-17	67	72	72	77	80
2020-21	2019-20	2018-19	2017-18	2016-17																	
67	72	72	77	80																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
67	72	72	77	80																	
3.3	<p>Number of sanctioned posts year-wise during last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="196 1675 986 1787"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>128</td> <td>128</td> <td>128</td> <td>128</td> <td>128</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1" data-bbox="196 1865 986 1977"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>128</td> <td>128</td> <td>128</td> <td>128</td> <td>128</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	128	128	128	128	128	2020-21	2019-20	2018-19	2017-18	2016-17	128	128	128	128	128
2020-21	2019-20	2018-19	2017-18	2016-17																	
128	128	128	128	128																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
128	128	128	128	128																	
4.1	<p>Number of eligible applications received for admissions to all the programs year-wise during last five years</p>																				

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
29710	7100	13330	20320	21540

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
3821	1420	2341	2839	2812

4.2 **Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1632	1300	1283	1294	1322

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1632	1300	1284	1294	1323

4.4 **Total number of computers in the campus for academic purpose**

Answer before DVV Verification : 843

Answer after DVV Verification : 791

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
3290	2836	4395	3739	3522

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
3290	2836	4395	3739	3522