



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		JIWAJI UNIVERSITY
Name of the head of the Institution		Prof. Sangeeta Shukla
Designation		Vice Chancellor
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		+917512442701
Mobile no.		9826038184
Registered Email		vcjiwaji@gmail.com
Alternate Email		profsshukla@gmail.com
Address		Vidya Vihar, Jiwaji University, Gwalior
City/Town		Gwalior
State/UT		Madhya Pradesh
Pincode		474011
2. Institutional Status		

University	State
Type of Institution	Co-education
Location	Urban
Financial Status	state
Name of the IQAC co-ordinator/Director	Prof. Sushil Kumar Gupta
Phone no/Alternate Phone no.	07512442764
Mobile no.	9406587806
Registered Email	skggwr@gmail.com
Alternate Email	iqac@jiwaji.edu

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.jiwaji.edu
4. Whether Academic Calendar prepared during the year	Yes
if yes, whether it is uploaded in the institutional website: Weblink :	http://www.jiwaji.edu

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	Four Star	72.5	2002	12-Feb-2002	11-Feb-2007
2	A	3.06	2015	03-Mar-2015	02-Mar-2020

6. Date of Establishment of IQAC	10-Jan-2014
---	-------------

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
9th International Library Information Professional Summit (I-LIPS) on Academic Libraries:	14-Feb-2020 3	155

Latest Trends, Challenges and Opportunities		
One day Training program on Fundamentals of Transmission Electron Microscopy	08-Nov-2019 1	35
Student-Industry Interaction Program	13-Aug-2019 1	42
Workshop on Fashion Designing	17-Aug-2019 1	30
National Webinar on Waste Management During the Covid-19 Pandemic	05-Jun-2020 1	75
Webinar Series on Covid-19 Challenge on Indian Tourism Industry- Remedial Measures & Issues Involved	07-Jun-2020 2	120
35th Inter-University Central Zone Youth Festival 2019	18-Dec-2019 5	320
International Conference on Breakthroughs in Toxicology and Human Health and 39th Annual Meeting of Society of Toxicology (STOX), India	27-Dec-2019 3	250
Mathematical Modelling perspectives for prediction of spread and control strategies for COVID-19	24-Jun-2020 1	60
One Day Workshop on New Tools and Techniques of Teaching in Biotechnology and Environmental Science	27-Jul-2019 1	35
View File		

8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
School of Studies in Zoology	MPHEQIP	World Bank	2020 365	259
School of Studies in Library & Information Science	MPHEQIP	World Bank	2020 365	88

School of Studies in Ancient Indian History, Culture & Archaeology	MPHEQIP	World Bank	2020 365	60
School of Studies in Commerce & Management	MPHEQIP	World Bank	2020 365	57
Placement Cell	MPHEQIP	World Bank	2020 365	5
Centre for Health Science	PHI	AYUSH	2020 365	150
School of Studies in Physics	MPHEQIP	World Bank	2020 365	519
School of Studies in Chemistry	MPHEQIP	World Bank	2020 365	362
School of Studies in Botany & Microbiology	MPHEQIP	World Bank	2020 365	299
View File				

9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	1
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
12. Significant contributions made by IQAC during the current year(maximum five bullets)	
Academic activities started in the new programmes for MSc in Plant and Herbal Resource Management, MSc Statistics, BSc Hons. in Physics, Chemistry, Mathematics, Botany, Zoology, Biochemistry, B.Com Hons., BA Hons. in Mass Communication.	

Organized National Webinar/workshops/Orientation programs/Youth Festivals/Dr. Abdul Kalam Lecture series.

Multi-Art-Complex became operational for academic activities.

Establishment of Centre for Health Science from AYUSH grant and Health Centre became fully operational.

Promotion of research by the University assistance aimed to help faculty for publication in high impact quality journal.

[View File](#)

13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
To enhance academic activities in new UG and PG programmes	New programmes launched MSc Plant & Herbal Resource Management, MSc Statistics, BSc (Hons.) in Physics, Chemistry, Mathematics, Botany, Zoology, Biochemistry BCom (Hons.), BA (Hons.) Mass Communication
To execute grant received for Centre of Excellence under MP Higher Education QIP/World Bank	With the assistance of World Bank, 8 departments including Chemistry, Physics, Botany & Microbiology, Zoology, Ancient Indian History Culture & Archaeology, Library & Information Science, Commerce & Management and Placement Cell have been recognised as Centre of Excellence and execution of grant is in process.
To execute grant for starting a Centre of Health Science under AYUSH	AYUSH granted 1.5 crore financial assistance for bringing facilities in Centre of Health Science and it is now functional.
To organise Extension activities with the support of different departments	A number of extension activities such as campus cleanliness, drive, blood donation, poster march for environmental awareness, swachhata-abhiyan activity were organised over the year.
Plan for Webinar/seminar/workshop/conferences to organised by the different UTDS	Keeping in view of Corona pandemic, a number of National/International seminar/Webinar/workshops/conferences were organised by different departments and listed on University website.
To organise Orientation/Induction programmes for the fresher students	Orientation/Induction programme was organised in the University for all the newly admitted students. Students were

informed about the facilities in the campus, examination pattern, CBCS, skilloriented courses, Grievance Redressal mechanism, various policies formed by the University and other students related informations.

[View File](#)

14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Academic Council	02-Mar-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2020

Date of Submission

30-Jun-2020

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)

Management Information System MIS) with following modules is in place. 1. A monthly MIS is submitted by each department which highlights the major activities of the department including research output, events organised, major achievements, placement reports, student activities participation and awards won 2. Admission module: Online seat selection, fee collection, application and document submission 3. Examination module: Complete automation of examination process like examination application, enrolment registration, evaluated marks entry and result processing, reopening and retotalling of OMR 4. Communication module: Dedicated online student portal along with SMS and email communication 5. Android Mobile application for MIS: to access academic activities, notification, fee details etc. 6. Attendance and online feedback module: Staff attendance, leave management and online student feedback.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
MSc	0920	Biochemistry	24/09/2020
MSc	0918	Botany	28/10/2020
BCA	0917	Computer Application	09/10/2020
MA	0935	Yoga	24/09/2020
MSc	0910	Chemistry	24/09/2020
MA	0903	English	23/11/2019
MLibISc	0901	Library & Information Science	20/08/2020
MA	0904	Jyotirvigyan	20/03/2020
LLM	0908	Law	18/08/2020
MBA	0912	Business Management	27/10/2020

[View File](#)

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
MSc	Chemistry	14/08/2019	Analytical Chemistry, MCH 303	14/08/2019
MSc	Physics	14/08/2019	Microwave and Optical Communication	14/08/2019
MSc	Botany	14/08/2019	Plant Biotechnology: In Vitro Cultute, Genetic Engineering and IPR Issues, BOT 303	14/08/2019
MSc	Zoology	14/08/2019	Genetic Analysis, ZOOL 304	14/08/2019
MSc	Mathematics	14/08/2019	Mathematical Biology, MATH 304	14/08/2019

[View File](#)

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
MSc	Plant & Herbal Resource Management	29/06/2020
MSc	Electronics & Instrumentation	29/06/2020
MSc	Statistics	29/06/2020
BSc	Chemistry Hons	29/06/2020
BSc	Physics Hons	29/06/2020
BCom	Commerce Hons	29/06/2020
BA	Mass Communication Hons	29/06/2020
View File		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BPharm	Pharmaceutical Science	02/09/2019
MPharm	Pharmaceutics	02/09/2019
MPharm	Industrial Pharmacy	02/09/2019
BPEd	Physical Education	02/09/2019
MPed	Physical Education	02/09/2019

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Student-Industry Interaction Program	13/08/2019	42
Workshop on Fashion Designing	17/08/2019	30
Certificate Course in Yoga for Stress Management	08/11/2019	85
Certificate Course in Yoga for Personality Development	15/10/2019	105
Workshop on Fundamentals of Transmission Electron Microscope	08/11/2019	35
Instrumental Training on LCMS	15/11/2019	45
Instrumental Training on HPLC	16/12/2019	50
Workshop on Panchkarma, Agnikarma, Ksharkarma and Uttarvasti	19/12/2019	45

[View File](#)

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MSc	Instrumental and Commercial Methods of Industrial Analysisof	4
MSc	Environmental Science	9
MSc	Neuroscience	7
MSc	Geology	22
MSc	Biotechnology	18
MSc	Biochemistry	6
MSc	Microbiology	16
MSc	Food Technology	14
MSc	Industrial Chemistry	19

[View File](#)

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
<p>Jiwaji University has a well-established online feedback mechanism through UMS portal. A link with Vice Chancellor is made available to facilitate direct interaction of students with Hon'ble Vice Chancellor. Online feedback is taken through a questionnaire in the last session of every course in each semester. The feedback received is compiled and statistics are placed before the Board of Studies meetings of different subjects for doing the needful. The discussion is mainly on the content, the pedagogy and the challenges. Both students and faculty feedbacks are incorporated to improve the pedagogy and enhance the teaching learning experience. The feedback is finally placed in higher academic bodies of the University viz. Faculty meetings and then finally in Academic Council meeting. Employers feedback taken during placements also gets incorporated in the curricula and improving the skill sets of the students and their grooming. Alumni and corporate representatives visit the institution regularly and participate in teaching programs and also in Board of Studies meetings where curricula are finalized. Parents feedback is taken through emails and meetings and given due consideration for betterment of academics of the University.</p>

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MCom	Commerce	30	30	12
MA	Yoga	30	30	21
MSc	Botany	35	54	21
MSc	Physics	45	74	33
MSc	Chemistry	50	82	48
MSc	Microbiology	35	46	23
MSc	Biotechnology	30	53	22
MSc	Zoology	35	77	26
MSc	Food Technology	40	50	15
MSc	Industrial Chemistry	40	37	6

[View File](#)

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	442	837	44	124	168

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
168	168	15	115	21	17
No file uploaded.					
No file uploaded.					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The University gives considerable importance for student mentoring in academic studies, cultural and sports events, career guidance, grant for scholarships /fellowships, coaching for NET/GATE/SLET examinations and placement opportunities. They are also mentored to develop ethics, human values, sense of social responsibility and environment consciousness. Each Schools of Studies in the University Teaching Department (UTDs) has structured mentoring system. All the faculties in the department have equal number of students for mentoring and remain as mentors throughout the entire semester. They are termed as their Guardians not only in the academic field but also in their social and personal field. Faculty members provide regular counsel and assistance to students on academic matters, research, projects and study planning. They assist them in course selection and advice students to ascertain reasonable and achievable academic and career goals. Apart from individual mentoring that is available by every faculty member, the University has in place SHAW Cell, Anti Ragging Committee, Dean for Student Welfare, Placement cell, Entrepreneur cell etc. The Placement Cell helps

students in the process of identification of right profile/company and the efforts needed to attain their perspective career objectives. It also supports them for summer and final placement process. The mentoring of the students starts right from the Orientation on day one, where the vision and mission of the school and respective programmes are shared with them. The officials of various departments are introduced so that they are clear about whom to approach for specific purposes. Besides this there are University Counsellors who are easily accessible to all the students for their psychological issues. There are mentoring programmes for slow learners. Slow learners are also given personal guidance, tutorials and extra practical training. Special coaching of NET/SLET, Civil Services and other National tests are also arranged for the motivated and advanced learners. In addition, the University initiated student hearing as part of public hearing every week. One day in a week Tuesday is earmarked for student hearing and is personally supervised and monitored by the Vice Chancellor. The DSW and School of Studies in Physical Education provide opportunities to students for participation in different cultural activities. Alumni Association awards fellowship to the best students. Redressal and student grievances cell take care of student's problems. The University Library also conducts an orientation program for the use of Library resources department/faculty-wise.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2540	168	1:15

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
130	56	74	Nil	167

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. Sangeeta Shukla	Vice Chancellor	Second Term Vice Chancellor
2019	Dr. Sushil Kumar Gupta	Professor	Chartered Chemistry Fellow of Royal Society of Chemistry by the Royal Society of Chemistry, UK
2020	Dr. S. K. Shukla	Professor	Appreciation Award for successfully organising workshop on Economic and Business Policies for Transforming Homo economicus into Homo sapiens
2020	Dr. M. K. Gupta	Professor	Felicitated during Gahoi Divas by shree gahoi vaishya samaj, Gwalior
2019	Dr. J. N. Gautam	Professor	Dr. Ramesh Chandra Malhotra

			Memorial lecture Award by Pt. Ravi Shankar Shukla University, Raipur
2019	Dr. P. K. Tiwari	Professor	Recognition for the sanction of Rs. 1.5 Crore by ICMR for research proposal on Serum Biomarkers for gallbladder cancer
2019	Dr. A. K. Singh	Professor	Chief Editor, Puranveshana: Indian Journal of Archaeology and Tradition, B. R. Publishing Corporation, Delhi
2019	Dr. Hemant Sharma	Professor	Best Teacher Award by International Conference on Rejuvenating Libraries in Modern Society, Lucknow
2019	Dr. G. B. K. S. Prasad	Professor	Chair the Technical session in International Conference on Breakthrough in Toxicology and Human Health (ICBTHH), Gwalior
2019	Dr. Nalini Shrivastava	Professor	Appreciation Award for successfully organising workshop on Bioinformatics
View File			

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
MSc	911	4	19/07/2019	26/09/2019
MPEd	934	4	13/08/2019	02/09/2019
MA (Journalism)	902	4	23/07/2019	31/08/2019
BE	936	8	13/08/2019	02/09/2019

MSc	910	4	25/06/2019	07/08/2019
MCA	917	6	24/07/2019	30/01/2020
BA LLB	929	10	14/06/2019	13/08/2019
MCom	925	4	25/06/2019	13/08/2019
MPharm	930	4	25/11/2019	07/03/2020
MLibISc	901	2	17/06/2019	15/11/2019
View File				

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
267	1324	20

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://www.jiwaji.edu/po_pso_co.asp

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
930	MPharm	Pharmaceuticals	7	6	85.71
936	BE	Chemical	18	16	86.88
908	MBA	Human Resource Development	40	36	90.00
911	MSc	Instrumentation & Commercial Methods of Chemical Analysis	19	18	94.74
913	MSc	Remote Sensing	3	3	100
915	MSc	Physics	36	29	80.56
926	MBA	Business Administration	35	23	65.71
929	LLM	Law	26	22	84.62
902	MA (Journalism)	Journalism & Mass Communication	8	3	37.50
901	MLibISc	Library & Information	26	25	96.15

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

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

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION**3.1 – Promotion of Research and Facilities**

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
International	Prof. P. K. Tiwari	Financial support for collaborative research publication	23/01/2020	DST-SERB
National	Prof. P. K. Tiwari	Outstanding support for serum biomarkers	20/08/2019	ICMR
International	Prof. S. K. Gupta	Financial support for collaborative research participation	28/11/2020	World Bank/MPHEQIP
International	Prof. D. C. Gupta	Financial support for collaborative research participation	28/11/2020	World Bank/MPHEQIP
International	Prof. M. K. Gupta	Financial support for collaborative research participation	28/11/2020	World Bank/MPHEQIP
International	Prof. P. K. Tiwari	Financial support for collaborative research participation	28/11/2020	World Bank/MPHEQIP
International	Prof. A. K. Singh	Financial support for collaborative research participation	28/11/2020	World Bank/MPHEQIP
National	Prof. Hemant Sharma	World Bank/MPHEQIP	28/11/2020	World Bank/MPHEQIP
International	Prof. Umesh Holani	World Bank/MPHEQIP	28/11/2020	World Bank/MPHEQIP

[View File](#)

3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
JRF	720	ICSSR
JRF	720	ICHR
JU Research Fellowship	360	Jiwaji University
JRF	720	UGC
JU PDF	360	Jiwaji University
RGNF	1800	UGC
Research Associate	1080	CSIR
SRF	720	ICMR
PDF-DSKF	1080	UGC
JRF/SRF	1080	DBT

[View File](#)

3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Projects sponsored by the University	365	Jiwaji University	2	2
Major Projects	1095	DRDE	9.87	3.29
Major Projects	1095	AICTE	20	13.59
Major Projects	1095	ICMR	150	25.6
Major Projects	1095	DST	31.85	5.92
Major Projects	1095	ICMR-DHR	29	8.35
Major Projects	1095	DRDO	28.23	10.24
Major Projects	1095	DST	32.96	7.3
Major Projects	1095	CSIR	14	4
Major Projects	1095	AYUSH	29	6.8

[View File](#)

3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
One day workshop on "New Methods of Teaching Techniques in Biotechnology Environmental Sciences"	School of Studies in Biotechnology	27/07/2019
Workshop on Liquid Chromatography Mass Spectrometry	Central Instrumentation Facility (CIF)	10/10/2019
International Conference on Role of Spectroscopy in Chemical Sciences	School of Studies in Chemistry	21/11/2019
One day Training program on Fundamentals of Transmission Electron Microscopy	Central Instrumentation Facility (CIF)	08/11/2019
Zero hunger world by 2030 is possible	Food Technology	15/10/2019
Entrepreneurship issues and challenges in Dairy and food processing	Food Technology	10/10/2019
Health camp on national breastfeeding week .	Centre for Health Science	01/08/2019
International Conference On "Evidence Based Ayurveda - The Need of the Time (Anveshana 2019)".	Centre for Health Science	20/12/2019
Workshops on "Panchkarma, Agnikarma amp Uttarvasti"	Centre for Health Science	19/12/2019
National Webinar on Now and Next: Enabling Inclusion and Accessibility for students with Disabilities in Higher Education	School of Studies in Library and Information Science	06/06/2020
Student-Industry Interaction Program	Central Instrumentation Facility (CIF)	13/08/2019
Workshop on Fashion Designing	Central Instrumentation Facility (CIF)	17/08/2019
National Webinar on Waste Management During the Covid-19 Pandemic	Central Instrumentation Facility (CIF)	15/06/2020
View File		

3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category

Best Paper Presented Award	Rajesh Jadon	Confnext India and AIMST, Malaysia	15/11/2019	Innovation in research
M.P. Young Scientist Award	Tiyasha Sarkar	MPCST, Bhopal, Madhya Pradesh	01/03/2020	Innovation in research
M.P. Young Scientist Award	Amita Bhadkarya	MPCST, Bhopal, Madhya Pradesh	01/03/2020	Innovation in research
Young Researcher Award in National Seminar	Nidhi	NDRI (Karnal), DDVS and Jiwaji University	24/11/2019	Innovation in Food Technology
Best Paper Presented Award	Anjali Sharma	TIMS, National Conference	28/12/2019	Technical Innovation
Innovative Researcher of the Year	Anjali Sharma	IJRULA	13/06/2019	Innovation in research
Best Oral Presentation Award	Deepa Yadav	39th Annual Conference of STOX	29/12/2019	Innovation in research
Best Paper for Poster Presentation	Syed Mujtaba	AIIMS	09/10/2019	Innovation in research
Best Poster Presentation	Syed Mujtaba	Indian Academy of Neuroscience, AIIMS	21/11/2019	Innovation in research
Best Oral Presentation	Shrstha Sinha	All India Institute of Medical Sciences, New Delhi	10/11/2019	Innovation in research
View File				

3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
1	Incubation Centre	Jiwaji University Gwalior	JU Waste Innovation	Best Out of Waste	01/05/2020
2	Incubation Centre	JU-DESIRE (Development of Eco System for Innovation Research and Entrepreneurship) applied for	JU Food Innovations	Healthcare	30/06/2020

		DST			
3	Incubation Centre	Jiwaji University Gwalior	JU Herbal Products	Healthcare	30/06/2020
4	Incubation Centre	Jiwaji University Gwalior	JU Sanitizers	Healthcare	30/06/2020
5	Incubation Centre	Jiwaji University Gwalior	JU Recycling	Waste Recycling	01/05/2020
View File					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Biotechnology	6
Commerce	5
Tourism Travel Management Management	5
Management	7
Computer Science Application	1
Zoology	5
Chemistry	10
Law	5
Computer Science	1
Physics	8
Microbiology	1
Physical Education	4
Environmental Chemistry	1
Electronics	2
AIHCA	2
Library Information Science	2
Environmental Science	2
Mathematics	1
History	2
Pharmacy	1
Botany	3

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	AIHCA	10	2
International	AIHCA	1	1.5
National	Biochemistry	4	2
International	Biochemistry	5	2

National	Botany	10	2
International	Botany	6	2
International	Chemistry	10	3.5
National	Physics	2	1.5
International	Physics	47	4.5
National	Economics	8	2.5
View File			

3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
AIHCA	8
Biotechnology	7
Botany	5
Environmental Science	2
Library and Information Science	5
Pharmaceutical Science	1
Law	2
Environmental Chemistry	1
Commerce	5
Extension Education and Social Work	1
View File	

3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Polyaniline and polypyrrole modified carbon cloth anode for improvement in performance of microbial fuel cells	Filed	201921026085	30/06/2021
pH Sensitive lipid-polymer hybrid nanoparticulate delivery system	Filed	201921026150	Nil
Method for Directly Compressible Granulation of Ibuprofen and Paracetamol and Formulation Thereof	Filed	201921025711	Nil
Method for preparation of synergistic herbal	Filed	201921025805	Nil

extract of juglans regia for treatment of cerebral stroke			
Pharmaceutical composition of Primaquine nanoemulsion preparation method thereof	Filed	201921025918	Null
Chitosan encapsulated Curcumin-Zinc nanoparticle (CS-Zn-NC) based wound healing formulation	Filed	201921026088	Null
JUAF-7- potential polyherbal therapy for type II diabetes mellitus	Filed	201921026092	Null
Energy Capsules (JUAF-11) for diabetic impotency	Filed	201921026089	Null
Anti-diabetic wine from mango leaves	Filed	201921026093	Null
Jiwaji polyherbal gel (JPG) for normal and diabetic wounds	Filed	201921026091	Null
View File			

3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Outline of Fungi and fungus-like taxa	Wijayawardene N.N. et.al.	Mycosphere	2020	6	Jiwaji University	237
Combined effects of brassinosteroid and kinetin mitigates salinity stress in tomato through the modulation of antioxidant	Ahanger M.A., Mir R.A., Alyemini M.N., Ahmad P.	Plant Physiology and Biochemistry	2020	6	Jiwaji University	42

dant and osmolyte metabolism						
Exploration of highly correlated Co-based quaternary Heusler alloys for spintronics and thermoelectric applications	Seh A.Q., Gupta D.C.	International Journal of Energy Research	2019	6	Jiwaji University	34
Polymer hydrogel interfaces in electrochemical sensing strategies: A review	Dhanjai, Sinha A., Kalambate P.K., Mugo S.M., Kamau P., Chen J., Jain R.	TrAC - Trends in Analytical Chemistry	2019	6	Jiwaji University	34
Understanding the origin of half-metallicity and thermophysical properties of ductile La ₂ CuMnO ₆ double perovskite	Mir S.A., Gupta D.C.	International Journal of Energy Research	2019	6	Jiwaji University	34
Prediction of robustness of electronic, magnetic and thermoelectric properties under pressure and temperature variation in Co ₂ MnAs alloy	Sofi S.A., Yousuf S., Gupta D.C.	Computational Condensed Matter	2019	6	Jiwaji University	32
Investigation of structural,	Annu, Annu, Sharma S.,	Journal of the Electrochemical	2020	6	Jiwaji University	32

elastic, thermophysical, magneto-electronic, and transport properties of newly tailored Mn-based Heuslers: A density functional theory study	Jain R., Raja A.N.	al Society				
Lattice dynamics, mechanical stability and electronic structure of Fe-based Heusler semiconductors	Khandy S.A., Islam I., Gupta D.C., Khenata R., Laref A.	Scientific Reports	2019	6	Jiwaji University	32
Investigation of high pressure and temperature study of thermophysical properties in semiconducting Fe ₂ ZrSi Heusler	Sofi S.A., Gupta D.C.	Physica B: Condensed Matter	2020	6	Jiwaji University	28
Lanthanum based quaternary Heusler alloys LaCoCrX (X Al, Ga): Hunt for half-metallicity and high thermoelectric efficiency	Singh S., Gupta D.C.	Results in Physics	2019	6	Jiwaji University	27

[View File](#)

3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Exploration of highly correlated Co-based quaternary Heusler alloys for spintronics and thermoelectric applications	Seh, A Gupta, DC	INTERNATIONAL JOURNAL OF ENERGY RESEARCH	2019	15	31	Jiwaji University
Understanding the origin of half-metallicity and thermophysical properties of ductile La ₂ CuMnO ₆ double perovskite	Mir, SA Gupta, DC	INTERNATIONAL JOURNAL OF ENERGY RESEARCH	2019	15	33	Jiwaji University
Combined effects of brassinosteroid and kinetin mitigates salinity stress in tomato through the modulation of antioxidant and osmolyte metabolism	Ahanger, MA Mir, RA Alyemeni, MN Ahmad, P	PLANT PHYSIOLOGY AND BIOCHEMISTRY	2020	15	39	Jiwaji University
Lattice dynamics, mechanical stability and electronic structure of Fe-based Heusler se	Khandy, SA Islam, I Gupta, DC Khenata, R Laref, A	SCIENTIFIC REPORTS	2019	15	41	Jiwaji University

miconducto rs						
Outline of Fungi and fungus- like taxa	Wijayawa rdene, NN et. al.	MYCOSPHERE	2020	15	252	Jiwaji University
Understa nding the origin of half-metal licity and thermophys ical properties of ductile La ₂ CuMnO ₆ double perovskite	Mir S.A., Gupta D.C.	Internat ional Journal of Energy Research	2019	20	34	Jiwaji University
Polymer hydrogel interfaces in electro chemical sensing st rategies: A review	Dhanjai, Sinha A., Kalambate P.K., Mugo S.M., Kamau P., Chen J., Jain R.	TrAC - Trends in Analytical Chemistry	2019	20	34	Jiwaji University
Explorat ion of highly correlated Co-based quaternary Heusler alloys for spintronic s and ther moelectric applicatio ns	Seh A.Q., Gupta D.C.	Internat ional Journal of Energy Research	2019	20	34	Jiwaji University
Combined effects of brassinost eroid and kinetin mitigates salinity stress in tomato through the modulation of antioxi dant and osmolyte metabolism	Ahanger M.A., Mir R.A., Alyemeni M.N., Ahmad P.	Plant Physiology and Bioche mistry	2020	20	42	Jiwaji University

Outline of Fungi and fungus-like taxa	Wijayawardene N.N. et.al.	Mycosphere	2020	20	237	Jiwaji University
View File						

3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	11	115	5	Nil
Presented papers	7	81	20	10
Resource persons	5	25	7	15
No file uploaded.				

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Institute of Ayurveda Research	Consultancy on Wellness	Individuals from the Community	277965
Centre for Health Sciences	Skill based Workshop for Professionals (Physicians)	M/S AIMIL PHARMACEUTICALS Ltd. New Delhi	130000
Centre for Health Sciences	Consultancy on Panchakarma	M/s Emami Pvt. Ltd, Kolkata	30000
Centre for Health Sciences	Consultancy on Panchakarma	M/S Himalya Pvt. Ltd	5000
School of Studies Physical Education	Sports and Athletics	Individuals	450000
Centre for Translational Research, School of Studies Biochemistry	Scientific validation of anti-diabetic ayurvedic formulations	M/S Dindayal Industries Ltd.	250000
School of Studies in Zoology	Toxicology studies	CSIR, New Delhi	50000
School of Studies in Zoology	Toxicology studies	DRDO, New Delhi	60000
School of Studies in Zoology	Toxicology studies	Eppendorf Pvt Ltd	15000
School of Studies in Zoology	Toxicology studies	ITRC, Lucknow	25000
View File			

3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultant(s)	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
---------------------------	------------------------	---------------------------	--------------------------------------	--------------------

department				
Nil	Nil	Nil	0	0
No file uploaded.				

3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Run for Unity (Mini Marathan)	National Service Scheme	3	650
jDrnku egknku	National Service Scheme	8	1105
Swachha Bharat Abhiyan	National Service Scheme	85	4250
International Women's Day	National Service Scheme	30	1154
International anti-Tobacco Day -	National Service Scheme	12	452
National youth Day Programe	National Service Scheme	62	6521
NSS Day Programe	National Service Scheme	108	7834
AIDS Day Programe	National Service Scheme	19	821
Human Rights Programe	National Service Scheme	18	790
Trafic Awareness Programe	National Service Scheme	7	1170
View File			

3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Trafic Awareness Programe	Letter of Appreciation	Jiwaji University	1170
Human Rights Programe	Letter of Appreciation	Jiwaji University	790
AIDS Day Programe	Letter of Appreciation	Jiwaji University	821
NSS Day Programe	Letter of Appreciation	Jiwaji University	7834
National youth Day Programe	Letter of Appreciation	Jiwaji University	6521
International anti-Tobacco Day -	Letter of Appreciation	Jiwaji University	452

International Women's Day	Letter of Appreciation	Jiwaji University	1154
Swachha Bharat Abhiyan	Letter of Appreciation	Jiwaji University	4250
Run for Unity (Mini Marathan)	Letter of Appreciation	Jiwaji University	650
ty laj{k.k vfHkku	Letter of Appreciation	Jiwaji University	2100
View File			

3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Run for Unity (Mini Marathan)	National Service Scheme	2	3	650
Swachha Bharat Abhiyan	National Service Scheme	14	85	4250
International Women's Day	National Service Scheme	32	30	1154
International anti-Tobacco Day -	National Service Scheme	9	12	452
National youth Day Programme	National Service Scheme	52	62	6521
NSS Day Programme	National Service Scheme	91	108	7834
AIDS Day Programme	National Service Scheme	7	19	821
Human Rights Programme	National Service Scheme	11	18	790
Traffic Awareness Programme	National Service Scheme	6	7	1170
fnOkax lgkrk	National Service Scheme	4	5	563
View File				

3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Student Exchange	Students of MBA Hospital Administration	Jiwaji University	30
Joint Publication with Foreign Authors	Senthil Kumar Subramani, Dhananjay Yadav,	Univeristy of Florida, USA	365

	Meerambika Mishra, Umamaheswari Pakkirisamy, Prakesh Mathiyalagen, GBKS Prasad. International journal of environmental research and public health. 16(23) 4708-4720. 2019		
Joint Publication with Foreign Authors	Prof. S. K. Gupta from Chemistry has published papers in collaboration with Prof. R. J. Butcher, Howard University, USA and Prof. J. P. Jasinski, Keene State College, New Hampshire, USA	Jiwaji University, Gwalior	365
Joint Publication with Foreign Authors	Prof. P. K. Tiwari from Zoology has published papers in collaboration with Prof. Eric W. Stawiski , USA; S. Durinck, USA; L. D. Goldstein, USA; M. A. Barbhuiya, USA; M. S. Schroder, USA; K. Lee, USA; P. Chakraborty, USA; V. Kode, USA; X. Shi, USA; J.	Jiwaji University, Gwalior	365
Collaborative Activity for Research	Vishal Sharma	CSIR Indian institute of chemical Biology Kolkata	180
Collaborative Activity for Research	Surbhi Jain	National institute of Biologicals Noida Uttar Pradesh	180
Joint Publication with Foreign Authors	Senthil Kumar Subramani, Sunil Mahajan, Pratibha Chauhan, Dhananjay Yadav, Meerambika Mishra, Umamaheswari Pakkirisamy, GBKS Prasad. Clinical Research & Reviews.	Univeristy of Florida, USA	365

	13(1),816-821,2019.		
Collaborative Activity for Research	Dipayan Bose	Molecular Biology division Bhabha atomic Research centre, MUMBAI	180
Collaborative Activity for Research	Piyali Das	CSIR Indian institute of chemical Biology Kolkata	180
Fulbright-Nehru Specialist Program (FNPS)	Prof. R. J. Butcher, Howard University, Washington, USA	USIEF, New Delhi	46
View File			

3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Academic Instutution Linkages	Training program of Post Graduate students, Department of Biotechnology, Chemistry, Biochemistry, Industrial Chemistry	DRDE, Gwalior	01/04/2020	31/07/2020	11
Academic Instutution Linkages	Training program of Post Graduate students, Department of Food Technology	DRDE, Gwalior	01/04/2020	31/07/2020	4
Academic Industry Linkages	Internship	Godrej	01/04/2020	30/06/2020	10
Academic Industry LinkagesI	Internship	J. B. Mangaram Food Industry, Gwalior	01/04/2020	30/06/2020	9
Academic training	Internship	Gwalior, TEVA	01/04/2020	30/06/2020	8

Academic training	Project Work	FFY Informatics	07/01/2020	10/05/2020	4
Rotation of posting of students	On job training	CDH Pvt Ltd Gujrat	09/04/2020	24/05/2020	4
Rotation of posting of students	In House Training	S. O. S. in Chemistry, Jiwaji University	01/04/2020	31/05/2020	4
Rotation of Posting of Students	On job Training	Jubilant Chemsys Noida	08/03/2020	07/05/2020	1
Rotation of posting of students	Research	Zydus Cadila	02/03/2020	26/04/2020	2

[View File](#)

3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Rajasthan Olive Oil Corporation, Manipal University Tripura University	26/09/2019	R D Collaboration for Olive oil products development and to share with other Institutions for validation as health care products: A joint patent filed	18
ICMR-National Institute of Research in Tribal Health, Jabalpur	03/10/2019	Academic and Development Programmes with more focus on research projects in the area of Tribal Health	15
ITM, University, Gwalior	03/10/2019	Collaboration in Teaching Research	20
Srijan Sanchar, New Delhi (Sri Shailendra Jaiswal	03/03/2020	Skill Development programs 1 District-1 Product (Slogan of Govt. of India)	22
Mangal Medical Research Foundation, Pune	29/02/2020	Joint Workshops and health care in Ksharasutra	15
Global Institute of Stem Cell Therapy and	30/10/2019	R D in Bio-Medical research	16

Research 4660 La Jolla Village Drive San Diego, California 92122 USA		
--	--	--

[View File](#)

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
1311.63	671.89

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Classrooms with Wi-Fi OR LAN	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
No file uploaded.	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
KOHA	Fully	16.05	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Journals	55	165000	10	35000	65	200000
e-Books	5000	10500000	500	30000	5500	10530000
Others(s pecify)	810	405000	10	6000	820	411000

No file uploaded.

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
GBKS Prasad	Content # Food Technology	MOOCs	25/07/2019

No file uploaded.

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	950	22	950	2	17	160	33	1	0
Added	200	8	157	1	2	10	2	0	0
Total	1150	30	1107	3	19	170	35	1	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

1 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Departmental Video Lectures	http://www.jiwaji.edu/admin/PDF/NoticeBoard2012/Flyer%20Tourism6671.pdf
Webinar Video Lectures	https://www.youtube.com/watch?v=Wdt1vejMNhg&ab_channel=Prof.S.K.Gupta
Media Room	http://www.jiwaji.edu/corona/INTERNATIONAL%20WEBINAR%20SERIES%20-%20COVID-19%20%20Outbreak%20-%2015th%20-%2017th%20May,%202020.pdf
Others	http://www.jiwaji.edu/

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
5140.26	3068.03	1555.5	1341.74

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The maintenance of all Civil constructions of the University, including, buildings, classrooms and laboratories, is done by the Engineering section of the University. There is a separate Engineering Office headed by the University Engineer. A separate budget allocation is done by the University and the Engineering Division looks after the repairs and maintenance of the University buildings, electrical, etc. in coordination with the concerned SOS. The Engineering section maintains the records pertaining to the properties of the University including blue prints. It processes the allocation of space in the University campus including allotment of University accommodation as per the guidelines of Executive authority of the University. Maintenance of equipment/instruments placed in Central Instrumentation Facility is undertaken by Head/Director of the University Instrumentation Centre. For department specific equipment, maintenance/repair is undertaken by the concerned head of the department as per the laid down procedure of General Financial Rules (GFR) as well as MP purchasing rules and regulations as applicable to University from time to time. For the purpose of maintenance of equipment, Annual Maintenance Contract (AMC) or similar processes are used. Customs duty exemption certificate is issued for any equipment imported by the University. The green initiatives of the University and maintenance of the gardens, parks and lawns of the University is done by the Engineering section. University Registrar have caretakers to assist the Head in the upkeep and maintenance of the interiors of buildings and other infrastructure. The routine daily cleanliness of central offices, SOS, hostels and other facilities is done through regular/contract/staff of Service providers' agencies. The Jiwaji University has Central Library as well as Departmental libraries and reaches out to the wider academic community through e-outlets as well. Many electronic databases consisting of e-text books, journals are made available to faculty, students and research scholars. The Jiwaji University IT Cell oversees the maintenance of the ICT infrastructure at the University. It designs and maintains University networks comprising of more than 200 wired nodes, more than 3000 Wi-Fi accounts on campus, more than 10 servers, co-location servers of various departments, and more than 50 Network devices. The Jiwaji University with the help of Engineering section and Sports department provides and maintains modern sports and Gymnasium facilities to all students, teaching, non-teaching staff and their families at free of cost. In recently added infrastructure facility in the form of Multi Art Complex is also taken care of by the engineering section of the University.

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	University Research Fellowship	35	370000
Financial Support from Other Sources			
a) National	UGC DST CSIR DBT ICMR BSR RGNF ICSSR DST National PDF Dr. D S Kothari Fellowship MANF NFOBC	71	2369000
b) International	Nil	Nil	0

No file uploaded.

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Personality Development	02/08/2019	80	Centre for Yogic Science
Yoga Camp	01/07/2019	70	Centre for Yogic Science
Remedial Coaching	06/09/2019	100	Jiwaji University
Remedial coaching	07/05/2020	90	Jiwaji University
Yoga Camp	08/05/2020	90	Centre for Yogic Science
Entrepreneurship Development	10/01/2020	115	Central Instrumentation Facility (CIF)
Mentoring	01/08/2019	200	Central Instrumentation Facility (CIF)
Career counselling	01/05/2020	160	Placement Cell JU

No file uploaded.

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Net Coaching	206	Nil	38	Nil

No file uploaded.

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
6	6	7

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Mankind Pharma Ltd	40	4	Nil	Nil	Nil

[View File](#)

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	20	B.E.	Engineering	RGPV	M.E.
2019	10	B.Lib.	Library & Information Science	Jiwaji University	M.Lib.
2019	14	B.C.A.	Computer Application	Jiwaji University	M.C.A.
2019	25	B.A.L.L.B.	Law	Jiwaji University	L.L.M.
2019	5	B.Pharm	Pharmacy	Jiwaji University	M.Pharma
2019	5	B.Pharm	Pharmacy	Jiwaji University	MBA
2019	50	P.G.	SOS	Jiwaji University	Ph.D.
2019	9	B.A. (Honours)	SOS	Jiwaji University	M.A.
2019	40	B.Com. (Honours)	SOS	Jiwaji University	M.Com.
2019	50	B.Sc. (Honours)	SOS	Jiwaji University	M.Sc.

[View File](#)

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	38
No file uploaded.	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Group Dance Folk	Zonal	20
Classical Instrumental Solo (Percussion)	Zonal	20
Skit	Zonal	21
Mimicry	Zonal	22
Clay Modelling	Zonal	21
Athletics (Women)	Division	50
Basketball (Women)	Division	24
Hockey (Men)	Division	28

Wrestling (Women)	Distric	10
Hockey (Men)	Distric	17
View File		

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Gold Medal	National	1	Nil	Nil	Ku. Janhavi Rathor
2019	Silver Medal	National	1	Nil	Nil	Gaurav Sharma -Athletics (Men)
2019	Silver Medal	National	1	Nil	Nil	Team Hockey (Women)
2019	Bronze Medal	National	1	Nil	Nil	Ku. Akriti Kat are-Karate (Women)
2020	Bronze Medal	National	1	Nil	Nil	Hritik Kumar Bank e-Karate (Men)
2019	Gold Medal	National	Nil	1	Nil	Devrat Sharma- Quiz
2019	Gold Medal	National	Nil	1	Nil	Nidhi Pa ndey-Play
2020	Gold Medal	National	Nil	1	Nil	Anjali S harma-Play
2020	Silver Medal	National	Nil	1	Nil	Dushyant Singh Bhad oriya-Cart ooning
2020	Silver Medal	National	Nil	1	Nil	Abhishek Sharma- Elocution
View File						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Representatives of Students participate in various academic, social, cultural, sports, NSS, etc. A student member is compulsory in all Board of Studies in various Schools of Studies. The University has a separate wing of Dean Student Welfare which assists student in their yearlong activities. The students are not only motivated but also financially supported to participate in sports and

cultural competitions held all over India. The activities are spread over the year to keep the students physically and mentally fit. The students are encouraged to celebrate all National festivals with full vigour. The students take part in academic committees pertaining to curriculum development, teaching learning processes, hostel management. The University has a separate wing of NSS which promotes participation of students in community oriented social works. The university provides fund to the students for fellowships, research work and travel grants. The University provides medical facility to all the students. The student activity is governed by the Ordinances 1 and 2 of the Jiwaji University.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Alumni association of Jiwaji University was started in year 1989 and all pass outs of Jiwaji University are ex-officio members of Association. The membership fees are Rs. 500. It is privileged to mention that the members of Alumni occupied/occupying the highest offices of the country in various sectors such as Corporate sector, political sector, Educational and Scientific organizations, Social organisations etc. Facilities such as accommodation in Guest Houses are provided to members of Alumni. Also many Alumni members are participating in teaching activities of Jiwaji university either as regular faculty/Visiting Faculty. The members of Alumni donate generously for the various developmental activities of the University. Efforts are made to create chapters of Alumni Association in various districts in India and abroad. The fund of the Alumni association will be used for the welfare and development of the members.

5.4.2 – No. of registered Alumni:

5500

5.4.3 – Alumni contribution during the year (in Rupees) :

3000000

5.4.4 – Meetings/activities organized by Alumni Association :

Eleven Alumni Meets have been conducted by various Schools of Studies of Jiwaji University. 400 Alumni have registered to participate in the Alumni Meet. This Alumni Meet benefitted students of the various departments of the University.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

1. Academic decentralization: The Head/Coordinators/Direction/Staff Councils are empowered to propose for any new course/program in areas of relevance and the University administration facilitates its approval through relevant statutory bodies viz. Academic Planning Evaluation Board (APEB), Academic Council, Executive Council and Coordination Committee. The curricula are updated annually from time to time incorporating advances taken place in the preceding year. In the first step, the curricula are discussed by the Staff council which include all faculty members. The inputs of all faculty members and the feedback from current batches of students form the basis for revision. In the second phase, the curricula are placed before concerned Board of Studies (BoS) which consists of all senior faculty of the School, at least one external expert and a student representative. The curricula finalized by Board of

Studies is placed before 'Academic Council' which consists of Deans of all faculties, representatives from affiliated colleges besides others for suggestions refinement. The curricula approved by Academic council are implemented. All professional courses associate an 'Industrial representative' in framing industry-oriented curricula. The Head/Coordinator and/or Staff council of a given program/Course is assigned power to associate reputed faculty outside Jiwaji University with the teaching program of the course. Any such proposal is duly approved for implementation. Also, Head or any Faculty member is given freedom to conduct any workshop/conference/Seminar/Quiz programs at local, regional, National and International level and the University extends financial and logistics support in organization of such academic events for the benefit of students and public. The faculty are given power to take initiative in inviting 'Fellows of various academies' for delivering lectures. Also, the faculty members are given freedom to propose academic tie ups with National and International Organizations for the benefit of academics and students.

2. Administrative decentralization: The administration is highly structured as per the Statutes/ University Adhinyam (Act) of the University. The Court and Executive Council chaired by Vice Chancellor, consisting of teachers, administrative officers and others as nominated by the Chancellor of the University are the supreme body of the University with regard to administrative matters. The Academic Council chaired by Vice Chancellor is the supreme body of all academic related matters of the University. Thus, the Vice Chancellor is the academic and administrative Head of the University and is assisted by Rector and Registrar. The Registrar is the overall executive authority and custodian of the University. There is devolution of powers for conducting all University examinations with Examination Controller and all finance related matters fall under the purview of Finance Controller. There are administrative officers (Deputy Registrars, Assistant Registrars, Section officers) and supporting staff who assist them in executing the functions. A separate Dean is assigned power to deal with 'Student related affairs. A 'DCDC' looks after the affairs of affiliated colleges. Wardens shall look after the residential amenities of students living on campus.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	(i) Admissions are online and open to students from all parts of the country. (ii) A common entrance examination except COVID-19 period is generally conducted for new admission. (iii) Reservation policy (SC/ST/OBC/EWS/PH/FF) is followed as per State Government rules.
Industry Interaction / Collaboration	The University has developed tie-ups with several industrial houses through MOUs for following purposes: (i) For participating and teaching and learning processes of students on campus. (ii) For conducting short term industrial training programmes (iii) For taking up joint R D programmes. (iv) For

placement of the students.

Human Resource Management

Skill development programmes are conducted in all faculties from time to time. A personality development and soft skill development are part of academic curriculum of all graduate programmes. Interactive sessions with industry personnel are conducted frequently. A separate proctorial board and DSW look after the all grievances of the students. A SHAW cell takes care of sexual harassment issues on campus. The campus is free from ragging. Students are encourage to attend skill development programmes and start-ups regularly in CIF. University provides token amount for entrepreneurship for their innovative proposals on start-ups.

Library, ICT and Physical Infrastructure / Instrumentation

There is a central library which subscribes not only printed books and journals but also e-resources to faculty and students. The e-books are available to students as well as faculty on local network. The university has 1 GBPS leased line of internet connection to provide e-resources. A separate computer lab with 100 networked PCs is available for students and faculty. All these are digitalized and plagiarism monitoring facility is in place.

Research and Development

The University has a policy document prepared for conducting R D activities. The university promotes interdisciplinary research. About 100 intramural research fellowships are awarded to doctoral students. Few postdoctoral research fellowships are also provided from university resources to meritorious students. Small research grants to the tune of Rs. 2.00 lakh are provided to faculty for innovative research. A Central Instrumentation Facility (CIF) is in operation for the benefit of researchers and students. The university provides travel grants to students attending international conferences.

Examination and Evaluation

The University has automated examination and evaluation process. A separate "Pariksha Bhawan" with a sitting capacity of 3000 is in operation. Also there is a continuous evaluation of students during semester period through internal and external

	assessments. The examination results are declared in time. There is no revaluation but grievances redressal mechanism is in place.
Teaching and Learning	The University has ICT enabled class rooms with a 'Smart board' facility. It uses innovative pedagogy like online courses, MOOCs courses, Guest lectures by eminent teachers/scientist from Industry and academic institutions. Personality development, debates and quiz programmes including group discussions are the part of teaching and learning process. NET coaching and remedial coaching are regularly conducted.
Curriculum Development	1. The curricula are updated regularly on annual basis in the concerned subject. 2. The CBCS system is operative in all courses. 3. The feedback of outgoing students is given due consideration while refining the curricula 4. One or two external experts are associated with curricula design 5. A student representative is associated with curriculum development. 6. The professional courses associate an Industry representative too to design industry oriented courses. 7. Following inputs from all stake holders, the Academic council approves the curricula for implementation.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Administration	All administrative decisions are communicated digitally. Notifications for faculty and students are also in digital mode.
Finance and Accounts	All financial resources are maintained digitally. Procurement of materials is mostly done through GeM. All payments including salary/remuneration to teachers/officers/firms etc are done electronically.
Student Admission and Support	Admission process including submission of application forms including relevant documents, short listing, merit list generation, deposition of fees etc. is through digital mode. Students grievances are also recorded are also recorded online mode.
Examination	Submission of examination forms,

	generation of admit cards, docket, declaration of results, generation of tabulation charts, mark sheets are done digitally.
Planning and Development	All statutory body meetings are conducted in digital mode as far as possible. Students grievances are entertained online. Day to day communications /notifications are in digital mode for students/faculty/officers/staffs through university website. Separate WhatsApp groups in all Schools of Studies are in place for communication purposes.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2020	Dr. Sameer Bhagyawant	"OER and How to create MOOC Courses/utility of MOOC Courses for Regular/Open Universities, Raj Bhawan, Bhopal	Nil	6000
2020	Dr Harendra Sharma	107th Indian Science Congress, 3-7 January 2020, held at University of Agricultural Scienc, Bangalore, India.	Nil	8000
2019	Dr. Manoj Sharma	Virtual workshop on Governance Bench Marking	Nil	5000
2019	Prof. GBKS Prasad	Nil	Indian Immunology Society	8000
2020	Prof. Sushil Kumar Gupta	Nil	Royal Society of Chemistry	11000

[View File](#)

6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Student-Industry Interaction Program	Nil	13/08/2019	13/08/2019	30	5
2019	Workshop on Fashion Designing	Nil	17/08/2019	17/08/2019	35	10
2020	National Webinar on Waste Management During the Covid-19 Pandemic	Nil	05/06/2020	05/06/2020	25	6
2019	One day workshop on "New Methods of Teaching Techniques in Biotechnology Environmental Sciences"	Nil	27/07/2019	27/07/2019	37	5
2019	One day Training program on Fundamentals of Transmission Electron Microscopy	Nil	08/11/2019	08/11/2019	30	4
2019	International Conference On "Evidence Based Ayurveda - The Need of the Time (Anveshana 2019)".	Nil	20/12/2019	20/12/2020	28	6
2020	National Webinar on Now and Next:	Nil	06/06/2020	06/06/2020	20	6

	Enabling Inclusion and Accessibility for students with Disabilities in Higher Education					
2019	Seminar on Contemporary Issues In Arbitration Law Institute of law Jiwaji University, Gwaliro	Nil	09/11/2019	09/11/2019	37	6
2019	An awareness programme on BSEs on financial market	Nil	01/03/2019	01/03/2019	24	2
2019	Workshop on Waste to best-A creative journey	Nil	05/08/2019	05/08/2019	38	10
View File						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
National Seminar on Digital Transformation Innovation in Indian Economy	1	23/02/2020	24/02/2020	2
3rd workshop on Research Methodology in Statistical Analysis Using SPSS	2	13/02/2020	19/02/2020	7
Safety measures	1	15/03/2020	16/03/2021	2

Three days national workshop on exploring areas of lifelong learning practicum organised by Savitribai Phule Pune University	3	12/02/2020	14/02/2020	3
Second national workshop on statistical application and interpretation in social science research organised by IPS group of colleges Gwalior, Madhya Pradesh	2	24/05/2020	27/05/2020	4
View File				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nil	15	Nil	15

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Residential accommodation, Medical allowance, Contribution to Provident Fund, Group Insurance Scheme, Pension after superannuation and Gratuity, Admission fee waiver for Teacher's ward, Emergency help from Teacher's Welfare Fund, Loan facility for house, vehicles' Maternity leave 90 Pension from University resources.	Residential accommodation, Contribution to Provident Fund, Retirement benefit scheme (Pension), Group Insurance Scheme, Emergency help from Employee Welfare Fund, Admission and Fee concession for the ward of staff members, Medical allowance, Transport facility, Festival Advance. Loan facility, Maternity leave 90 Pension from University resources.	Faculty mentors available for students, Scholarships, Fellowships and travel grants to meritorious students, Career guidance and placement cell, start-up grant to potential students, SHAW cell, Anti-ragging committee, Medical facility, Boys and girls hostels with Wi-Fi facility.

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Budget planning is done at the departmental level keeping in view the estimated expenditure (recurring, non-recurring), Infrastructure development, maintenance for physical facility and academic support, salary components of staff, honorarium for guest faculty, miscellaneous expenditure etc. The budget estimates are presented to the Finance Committee and thereafter it is approved by the Executive Council. The annual budget is approved by the Court, the highest body of the University. The University has a system of both internal pre-audit and external post-audit mechanism. The internal pre-audit is conducted by the Resident Auditors deputed for the University by the State Government. The external post-audit is carried out by the office of Accountant General, Gwalior.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Trustee of Dr Shankar Dayal Sharma	100000	Gold medal in overall performance in memory of Dr Shankar Dayal Sharma
View File		

6.4.3 – Total corpus fund generated

2600000000

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Null	Yes	IQAC
Administrative	No	Null	Yes	IQAC

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

The University has Directorate of College Development Council (DCDC) for Affiliated Colleges. The DCDC organises the principal’s conference (Chaired by the Vice Chancellor) twice a year to discuss various academic and administrative issues relating to the affiliated colleges. The office of DCDC provides help and support to colleges to get NAAC accreditation by arranging NAAC Awareness programs to Principals and IQAC members including documental support for obtaining 12 B and 2 F certificates from UGC. It also sends recommendation to the State Higher Education in order to regulate the approval of courses. The DCDC deals with the matters related to Developments, Affiliation and Approvals of the opening of new colleges or new course. Fresh appointment under section 28/17 of faculty in the Affiliated Colleges are also made through this office. The procedure and proforma regarding Affiliation, Approvals, Appointments etc. have been put on University web-site so that the Affiliated Colleges may download these whenever there is a requirement of these documents.

6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

Academic performance of students is reviewed by both internal and external evaluation. Parents are informed in case their wards have poor performance in the examination. Counselling is scheduled with the parents.

6.5.4 – Development programmes for support staff (at least three)

1. Fire-fighting training 2. First-Aid training 3. Practices of Yoga

6.5.5 – Post Accreditation initiative(s) (mention at least three)

1. CBCS and NEP are in operation 2. Financial support to faculty for innovative research 3. ICT facility upgraded and Wi-Fi to whole campus.

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
c) ISO certification	Yes
d) NBA or any other quality audit	No

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2020	National Science Day Seminar on "Women in Science"	27/02/2020	27/02/2020	28/02/2020	150
2020	National Seminar on Modern Trends in Ethnobiology Research	05/03/2020	05/03/2020	06/03/2020	110
2020	National Webinar on Herbal Resources and their role in boosting immunity against COVID-19	15/06/2020	15/06/2020	15/06/2020	150
2019	Workshop on Panchakarma, Agnikarma, Ksharakarma, Uttarvasti	19/12/2019	19/12/2019	19/12/2019	45
2019	One day Training program on Fundamentals of Transmission Electron Microscopy	08/11/2019	08/11/2019	08/11/2019	35
2019	Student-	13/08/2019	13/08/2019	13/08/2019	42

	Industry Interaction Program				
2019	35th Inter-University Central Zone Youth Festival 2019 "MRIGNAYANI YOUTH FEST"	18/12/2019	18/12/2019	22/12/2019	320
2019	International Conference on Breakthroughs in Toxicology and Human Health and 39th Annual Meeting of Society of Toxicology (STOX), India	27/12/2019	27/12/2019	29/12/2019	250
2020	Mathematical Modelling perspectives for prediction of spread and control strategies for COVID-19	24/06/2020	24/06/2020	24/06/2020	60
2020	6th International Day of Yoga on "Ghar Ghar Mein Yoga"	21/06/2020	21/06/2020	21/06/2020	350
View File					

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Health-check-up camp for women	16/12/2019	16/12/2019	230	Nil
Yogic	26/12/2019	09/01/2020	35	15

Practices for Women				
Yogic Practices for girls	15/01/2020	30/01/2020	45	25
Women's Day Celebration	08/03/2020	08/03/2020	110	30
"Students Awareness rally"	31/12/2020	31/12/2020	80	20

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
25 percent of total energy requirement of the University campus is met from roof top solar plant (687 KVA). All lights have been replaced by LED bulbs.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	20
Provision for lift	No	Nil
Ramp/Rails	Yes	115
Braille Software/facilities	No	Nil
Rest Rooms	Yes	20
Scribes for examination	Yes	5
Special skill development for differently abled students	Yes	5

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	Nil	13/08/2019	2	Student Industry Interation	Skill development	50
2020	Nil	1	08/03/2020	1	Health Check-up Special Camp	awareness	160
2020	Nil	1	14/08/2020	2	Virtual meditation festival	Contration	45

2019	Nil	1	16/07/2019	1	University Plan tation Programme	Solodar ity	100
2019	1	Nil	30/12/2019	1	NAAC Awareness	Awareness	125
2019	1	Nil	12/11/2019	1	Skill D evelopmen t	Skill D evelopmen t	40
2020	Nil	1	21/06/2020	1	Yoga at Home and Yoga with Family	Health	75
2020	Nil	1	25/01/2020	1	National Election Day	Awareness	50
2020	1	Nil	06/06/2020	1	Now and Next: Enabling Inclusion and Acces sibility for students with Disa bilities in Higher Education	Awareness	100
2020	Nil	1	27/02/2020	2	National Sciene Day	Awareness	100

No file uploaded.

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Ethics and values Policy	28/08/2020	Policy hs been circulated to all stake holders and uploaded on university website.
Environmental policy	28/08/2020	Policy hs been circulated to all stake holders and uploaded on university website.
Code of conduct for Vice Chancellor, rector and Registrar	28/08/2020	The draft has been circulated among stake holders.
Code of conduct for students	28/08/2020	The draft has been circulated among students, parents, faculty and administrators for strict

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
International Yoga Day	21/06/2020	21/06/2020	350
Independence Day	15/08/2020	15/08/2020	130
Republic Day	26/01/2020	26/01/2020	150
Swachhata Abhiyaan on Gandhi Jayanti	02/10/2019	02/10/2020	150
World Environment Day	05/06/2020	05/06/2020	75
World Earth Day	24/04/2020	24/04/2020	15
Womens Day	08/03/2020	08/03/2020	150
NAAC Awareness	29/12/2019	29/12/2019	115
Plantation Programme	16/07/2019	16/07/2019	201
Student Awareness Rally	31/01/2020	31/12/2020	100

[View File](#)

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. No vehicle day 2. Plastic free campus 3. Vermicomposting (solid waste management) 4. Rain water harvesting 5. Battery powered vehicles 6. Solar power plant 7. Plantation drives 8. Pollution monitoring

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

i) Best Practice - I 1. Title of the Practice: Daily free yoga camp 2. Objectives of the Practice: The objectives of the yoga practice are as follows-

- To improve posture, increase the intake of oxygen and enhances the functioning of all body system.
- To improve the emotional health by calming down the mind.
- Yoga practice can cure behavioural disorders, nervous breakdown and mental depressions.
- Various asanas enhance muscle strength, coordination, flexibility, agility and range of motion.
- To maintain the acid-alkaline ratio for good health.
- To get numerous benefits, including physical fitness, stress control, general wellbeing, mental clarity and generate self-understanding.
- To join people of all ages for yoga practice even physically challenged people can also adopt.

3. The Context: Yoga is an art and science of healthy living. The word 'Yoga' is derived from the Sanskrit root 'Yuj', meaning 'to join' or 'to yoke' or 'to unite'. As per Yogic scriptures the practice of Yoga leads to the union of individual consciousness with that of the Universal Consciousness, indicating a perfect harmony between the mind and body, soul Nature. According to modern scientists, everything in the universe is just a manifestation of the same quantum firmament. One who experiences this oneness of existence is said to be in yoga, and is termed as a yogi, having attained to a state of freedom referred to as mukti, nirvana or moksha. Jiwaji University is serving a great cause by running 'Daily free Yoga Camp' for community under the supervision of a faculty. It is run by the Centre for Yogic Science Jiwaji University in joint venture from Bhartiya Yoga Sansthan, New Delhi. The University has MoU with BYS. 4. The Practice: The 'Centre for Yogic

Science' runs 'Daily free Yoga Camp' under the supervision of a faculty members of Yoga. Being a system to link the man with the master has been practiced in India from thousands of years to overcome physical, mental and emotional distress. Even then it has not been recognized as a regular system of education in the Universities/ Institutions. In the changed scenario of the world in health management, and the new initiatives taken by Prime Minister, Govt. of India for declaring International Yoga Day on 21st June, yoga has been observed plying a vital role in physical health and stress management. Therefore, an innovative programme in this re-emerging area has been thought of for all the Universities/ Institutions and University Grant Commission in Master of Arts in Yoga to institutionalize and promote a proper healthy development of this ancient Indian wisdom as a tribute to our cultural heritage. This gives an opportunity to study the yogic activities in a scientific spirit. Practice yoga leads towards long-term health and well-being. After a good practice of Yoga gives you the capacity to face up the life's challenges and tend to do things that will enhance our vitality. Much healing can be done, but it takes practice and consistency.

5. Evidence of Success: About 100 people coming daily in the camp to get benefits of yoga practices. Jiwaji university also celebrating International Yoga Day on 21st June every year that benefits the society and aware students, faculty members and society about yoga and its benefits. People who are practicing yoga consistently performing better in their fields, shows low -stress and getting improvement in overall health. The majority of the program share a common goal of teaching 4 basic elements of yoga: (1) physical postures, (2) breathing exercises, (3) relaxation techniques, and (4) mindfulness and meditation practices.

6. Problems Encountered and Resources Required: No problems of any nature have been encountered.

7. Notes (Optional): Yoga practice can move body on not only a way to get into shape but also for self-healing. Similar practice can be adopted by other Institutions.

(ii) Best Practice - II

1. Title of the Practice: weekend diabetes clinic development of herbal formulations and their scientific validation
2. Objectives of the Practice: The objective of the practice is to design herbal/Ayurvedic formulations for lifestyle diseases with focus on Type II diabetes mellitus and Liver disorders and to validate established Ayurvedic polyherbal formulations for their therapeutic functions in human subjects besides quality assessment of formulations.
3. The Context: Diabetes mellitus is a chronic metabolic disorder that affects human body physically, psychologically and socially. It is defined as a group of disorders characterized by hyperglycemia, altered metabolism of lipids, carbohydrates and proteins. The diabetes mellitus is one of the most prevalent diseases in this region. Jiwaji University is serving a great cause by running a weekend 'Diabetes Clinic' on every Sunday under the supervision of a Ayurvedic Physician. The Clinic is run by the Centre for Translational Research established in Jiwaji University in Nov. 2002. It also serves as a model for academia-industry interaction with a long term association of more than a decade. The Biochemistry division and Centre for Translation Research of Jiwaji University and M/S Dindayal Group of Industries are working in close association. Till this date about 1, 50, 000 subjects have been screened for diabetes and those interested in Ayurvedic treatment have been provided with drugs at the centre. Currently, about 500 type II diabetics are registered and attend the clinic regularly.
4. The Practice: The 'Centre for Translational Research' runs a weekend 'Diabetes Clinic' on every Sunday under the supervision of a Ayurvedic Physician. The type II diabetic subjects interested in taking Ayurvedic drugs are provided with anti-diabetic Ayurvedic formulations for periods ranging from 3 months to 1 yr. The subjects on therapy are monitored at regular monthly intervals to assess the efficacy of Ayurvedic drugs administered for specific periods. All laboratory investigations and drugs are provided free of charge to the subjects. Major formulations used in Ayurveda are based on herbs used as decoctions, infusion, tinctures and powders. Drug formulation in Ayurveda (As mention in Ayurvedic treatise like

Charaka Samhita, Sushruta Samhita) is based on two principles: (a). Use as single drug, and (b). Use of more than two drugs. When two or more herbs are used in formulation they are known as polyherbal formulation. A before and after study of a group of human subjects with type 2 diabetes mellitus was carried out. Patients were given "Polyherbal formulation" consisting of a mixture of 10 herbs: *Gymnema sylvestre* (Gurmar), *Syzygium cumini* (Jamun seed), *Phyllanthus emblica* (Amla), *Curcuma longa* (Haldi), *Pterocarpus marsupium* (Vijaysaar), *Terminalia chebula* (Harad), *Cassia fistula* (Amaltas), *Picrorhiza kurroa* (Kutki), *Swertia chirata* (Chirayita), *Terminalia bellerica* (Behada). The formulations are refined from time to time on the basis of results and clinical feedback from end users. The drugs are provided by the courtesy of Dr. Gopal Krishna Memorial Dindayal Research Foundation, Gwalior. The activity is supported by National funding agencies such as AYUSH, UGC, DST etc. in the form of research projects. The phytochemical/Ayurvedic formulations developed and evaluated in association with sister departments either in animal models/ type II diabetic subjects are presented separately in a booklet.

5. Evidence of Success: About 1, 60, 000 type II diabetic subjects were provided with free laboratory investigations and ayurvedic drug formulations. Daily administration of various polyherbal formulations and their nanoparticle hot water extract regularly for 6 months resulted in significant reductions of blood glucose and glycosylated hemoglobin levels. There was also a significant increase in high density lipoprotein cholesterol levels with concomitant decreases in total cholesterol, triglycerides, low density lipoprotein cholesterol and very low density lipoprotein. A significant improvement in glycosuria and proteinuria was also observed. Also, the subjects exhibited a significant improvement in enzymatic and non-enzymatic biochemical markers of oxidative stress. The kidney and liver functions remained normal and in fact improved in many subjects.

6. Problems Encountered and Resources Required: No problems of any nature have been encountered.

7. Notes (Optional): Similar practice can be adopted by other Institutions.

(iii) Best Practice - III

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 400m. grassy track. The sports complex of University is named as Mahadji Scindia Sports Complex.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

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

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The University has vibrant research and teaching atmosphere by providing sound RD infrastructural, computational facilities, and seed money grants to faculty members. This has been 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 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 6546 citations and 4.97 citation indices. The overall h-index of the university based on SCOPUS stands at 52 and in the last five years at 24. The University has total 1316 publications in various scientific journals in the last five years. The Jiwaji University has always promoted excellence in research and established a Centre for Translational Research and Center for Health Sciences to promote product and health care oriented research. Research projects funded by Government and non-Govt. Organizations are in progress and various paramedical courses are running in the campus. The priority of the University is to augment and promote the research being carried out by the Faculty and Research scholars. Following concrete measures have been taken to transform the University into a world class institution: A. (i) Establishment of Atal Bihari Vajpayee International Convention Centre (ABVICC) with state of the art facility (ii) Establishment of Abdul Kalam Central Instrumentation Facility (CIF) with state of art equipments (iii) Establishment of Centres' of Excellence (iv) Earmarking of funds as seed money to motivate researchers/faculty (v) Establishment of 'Centre for Innovation' to promote Start up ecosystem on Campus (vi) Establishment of an Incubator viz., JUDESIRE (Development of Eco System for Innovation Research and Entrepreneurship) from University resources (vii) Incentives to faculty for publications and Patents (viii) Collaboration with National and International laboratories (ix) Establishment of specialized research Units/centres. B. The University supports excellence and innovation in academic programs and is evident from the list of innovative programmes that the University has initiated with the support of University Grants Commission, New Delhi, Departments of Biotechnology, Govt. of India, New Delhi and Ministry of Food Processing Industries (MEPI), New Delhi and Ministry of AYUSH under following heads: C. UGC Innovative/ Emerging Areas Programmes: (i) UGS Special Assistance Programme (UGC-SAP) (ii) Department of Science and Technology-Funding for infrastructure - Development in Science Technology (DST- FIST) D. Departments of Biotechnology- Human Resource Development Scheme • UNESCO Centre- 'Trace Elements Research' • Bioinformatics Centre - DBT • Central Instrumentation Facility - RUSA • Centres of Excellence - RUSA-World Bank Scheme E. Ministry of AYUSH for establishing Centre for Health Sciences

Provide the weblink of the institution

<http://www.jiwaji.edu>

8.Future Plans of Actions for Next Academic Year

The Jiwaji University developed blue print for the academic year 2020-21 under Covid-19 pandemic situation. The major activities proposed for the year 2020-21 include the following: 1. Strengthening of Academic activities online-The University has annual licence for virtual platform Cisco WebEx for online teaching, webinar and meetings. 2. Promotion of online courses and adoption of MOOC courses in degree and PG programs of the University. 3. Expansion of infrastructural facilities such as building space including setting up of 'State of the art Students study centre' with a budget layout of Rs.8 crores. 4. Institutional Research Fellowships to doctoral students' Institutional Post-doctoral research fellowships to bright doctoral students Promotion of interdisciplinary research on campus and promotion of collaborative research projects with Industry Promotion of novel and innovative research activities with IPR significance on campus 5. Promotion of entrepreneurial ecosystem on Campus- Establishment of Centre for Innovation and opening up of Vocational Courses at UG

and PG levels in various streams Further establishment of linkages with Industrial associations and independent NGOs for their participation in curricula development, training and placement of students Pre-Start up grants to current students, pass outs and faculty for promotion of 'Entrepreneurship' on campus Promotion and strengthening up of 'Earn while learn' program Initiation of programs such 'One District-One Product' in association with NGOs and private firms. 6. Promotion of extension and outreach Activities-Organization of activities related to environment protection and green campus promotion which include, Plantations, solid waste management, promotional of non-conventional energy sources, energy and environment auditing etc. Sensitization of public on various issues/activities of National Significance Organization of free Health camps frequently for the benefit of local and regional communities in urban and rural settings of Gwalior-Chambal region Promotion of Women self-reliance programs.