



Yearly Status Report - 2018-2019

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. | | 751-2442701 |
| 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://jiwaji.edu/pdf/IOAC/AQAR%202017-18.pdf |
| 4. Whether Academic Calendar prepared during the year | Yes |
| if yes,whether it is uploaded in the institutional website: Weblink : | http://www.jiwaji.edu/pdf/ACADEMIC%20CALENDAR%20FOR%20SOS-2018-19.pdf |

5. Accreditation Details

| Cycle | Grade | CGPA | Year of Accreditation | 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 |
| Two Days National | 15-Mar-2019 | 70 |

| | | |
|---|------------------|-----|
| Workshop on Safety Measures | 2 | |
| National Conference on Yoga: Ancient Trends and Recent Advances (YATRA) | 19-Jan-2019 2 | 112 |
| Submission of AQAR | 29-Dec-2018 1 | 21 |
| Workshop on Research, Innovation and Intellectual Property | 28-Dec-2018 1 | 100 |
| International Conference on New Frontiers in Mathematics and Symposia of i-function and its Application in Data Science | 11-Dec-2018 3 | 160 |
| Workshop on Vocationalisation of Higher Education: A Way Forward | 17-Oct-2018 1 | 150 |
| National Workshop on Bio-informatics Research and Training | 09-Sep-2018 3 | 70 |
| Workshop cum User Orientation Programme on Capacity Building for Harnessing of e-Resources | 07-Sep-2018 2 | 145 |
| IQAC Meetings (Two) | 06-May-2019 1 | 21 |
| Second NAAC Awareness Programme (NAP) on Assessment and Accreditation | 03-Aug-2018 1 | 112 |
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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 Physics | MPHEQIP | World Bank | 2019 365 | 519 |
| School of Studies in Chemistry | MPHEQIP | World Bank | 2019 365 | 362 |
| School of Studies in Botany & Microbiology | MPHEQIP | World Bank | 2019 365 | 299 |

| | | | | |
|---|---------|-------------------|-------------|-----|
| School of Studies in Zoology | MPHEQIP | World Bank | 2019 365 | 259 |
| School of Studies in Library & Information Science | MPHEQIP | World Bank | 2019 365 | 88 |
| School of Studies in Ancient Indian History Culture & Archaeology | MPHEQIP | World Bank | 2019 365 | 60 |
| School of Studies in Commerce & Management | MPHEQIP | World Bank | 2019 365 | 57 |
| Placement Cell | MPHEQIP | World Bank | 2019 365 | 5 |
| Centre for Health Science | PHI | Ministry of AYUSH | 2019 365 | 150 |
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| | |
|--|---------------------------|
| 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 : | 2 |
| 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) | |
| Organised workshops/Orientation programmes/Dr. Abdul Kalam Lecture Series | |
| Grant received from World Bank/MPHEQIP for Centre of Excellence in 8 departments | |
| Establishment of Centre for Health Science from AYUSH grant under PHI scheme | |

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

New Programmes launched MSc Plant and Herbal Resource Management, MSc Statistics, BSc (Hons.) in Physics, Chemistry, Mathematics, Botany, Zoology, Biochemistry, BCom (Hons.), BA (Hons.) in Mass Communication

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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 |
|---|---|
| Plan for Seminar/Workshop/Conferences to be organised by the different UTDs | A number of National/International Seminar, Workshop and Conferences were organised by the different departments in Schools of Studies. |
| Conduction of Interdepartmental Co-curricular, sports and yogic activities | In view to have holistic development of students, a number of student's centric activities were organised over the year. |
| Development of e-content | e-Content and e-Pathshala were developed as the online resources through SWAYAM portal of MHRD. |
| 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 were organised over the year. |
| To consider starting a Centre for Health Science | AYUSH granted financial support for bringing facilities in Centre for Health Science. |
| To consider starting a Centre of Excellence proposal to MP Higher Education | With the assistance of World Bank, Eight departments including Physics, Chemistry, Botany & Microbiology, Zoology, AIHCA, Library & Information Science, Commerce & Management and Placement Cell have been recognised as Centre of Excellence. |
| To consider starting of new UG and PG programmes | New programmes launched in MSc Plant and Herbal Resource Management, MSc Statistics, BSc (Hons.) in Physics, Chemistry, Mathematics, Biochemistry, Botany, Zoology, BCom (Hons.), BA (Hons.) in Mass Communication.s |
| To organise Orientation/Induction Programme 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 framed by the University and other students related information.

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14. Whether AQAR was placed before statutory body ?

Yes

| Name of Statutory Body | Meeting Date |
|------------------------|--------------|
| Academic Council | 01-Feb-2019 |

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

Yes

Date of Visit

03-Aug-2018

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2019

Date of Submission

30-Apr-2019

17. Does the Institution have Management Information System ?

Yes

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

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 | 15/03/2019 |
| MSc | 0932 | Biotechnology | 15/03/2019 |
| MSc | 0918 | Botany | 24/06/2019 |
| MBA | 0926 | Business Administration | 29/01/2019 |
| BBA | 0926 | Business Administration | 29/01/2019 |
| MBA | 0926 | 5-Year Integrated Business Administration | 29/01/2019 |
| MBA | 0926 | Hospital Administration | 29/01/2019 |
| MSc | 0910 | Chemistry | 05/03/2019 |
| MSc | 0938 | Industrial Chemistry | 05/03/2019 |
| MPhil | 0910 | Chemistry | 05/03/2019 |

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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 | 16/07/2018 | Analytical Chemistry MCH 303 | 16/07/2018 |
| MSc | Physics | 16/07/2018 | Microwave and Optical Communication PT 304 | 16/07/2018 |
| MSc | Botany | 16/07/2018 | Plant Biotechnology: In vitro culture, Genetic Engineering and IPR issue BOT 303 | 16/07/2018 |
| MSc | Zoology | 16/07/2018 | Methods in Molecular Genetic Analysis ZOOL 304 | 16/07/2018 |
| MSc | Biochemistry | 16/07/2018 | Genetic Engineering BIOG 301 | 16/07/2018 |

| | | | | |
|-----|-----------------|------------|---|------------|
| MSc | Mathematics | 16/07/2018 | Mathematical Biology MATH 304 | 16/07/2018 |
| MSc | Microbiology | 16/07/2018 | Recombinant DNA Technology MICB 303 | 16/07/2018 |
| MSc | Biotechnology | 16/07/2018 | Bioprocess Engineering and Microbial Technology BIOT 301 | 16/07/2018 |
| MSc | Food Technology | 16/07/2018 | Processing of cereals, legumes, oilseeds and sugar crops FT 301 | 16/07/2018 |
| MSc | Geology | 16/07/2018 | Mineral Exploration and Mineral Beneficiation GEOL 303 | 16/07/2018 |

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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

| Programme/Course | Programme Specialization | Dates of Introduction |
|------------------|--------------------------------------|-----------------------|
| MSc | Plant and Herbal Resource Management | 15/06/2019 |
| MSc | Electronics & Instrumentation | 15/06/2019 |
| MSc | Statistics | 15/06/2019 |
| BSc | Chemistry (Hons) | 15/06/2019 |
| BSc | Physics (Hons) | 15/06/2019 |
| BSc | Mathematics (Hons) | 15/06/2019 |
| BSc | Botany (Hons) | 15/06/2019 |
| BSc | Zoology (Hons) | 15/06/2019 |
| BSc | Biochemistry (Hons) | 15/06/2019 |
| BCom | Commerce (Hons) | 15/06/2019 |

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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 | 01/08/2018 |
| BPED | Physical Education | 01/08/2018 |
| MPED | Physical Education | 01/08/2018 |

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 |
|--|----------------------|-----------------------------|
| Certificate Course in Yoga for Health | 15/10/2018 | 115 |
| Certificate Course in Yoga for Physical Fitness | 15/11/2019 | 90 |
| Certificate Course in Yoga for Concentration | 15/10/2019 | 105 |
| Instrumental Training on LCMS | 15/11/2019 | 45 |
| Instrumental Training on HPLC | 16/12/2019 | 50 |
| Workshop on X-ray Powder Diffraction | 26/06/2019 | 86 |
| Workshop on Single Crystal X-ray Diffraction | 23/03/2019 | 70 |
| Soft Skill Development | 18/09/2018 | 120 |
| Workshop on Research Methodology | 26/11/2018 | 80 |
| Certificate Course in Social Work in the field of Health | 15/10/2018 | 70 |

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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 | Biotechnology | 16 |
| MSc | Biochemistry | 9 |
| MSc | Microbiology | 20 |
| MSc | Food Technology | 20 |
| MSc | Industrial Chemistry | 23 |
| MSc | Environmental Chemistry | 6 |
| MSc | Pharmaceutical Chemistry | 6 |
| MSc | Instrumentation and Commercial Methods of Chemical Analysis | 18 |
| MSc | Molecular and Human Genetics | 3 |
| MSc | Neuroscience | 6 |

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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

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.

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 |
|-----------------------|--------------------------|---------------------------|--------------------------------|-------------------|
| MSc | Chemistry | 50 | 49 | 42 |
| MSc | Physics | 45 | 54 | 38 |
| MSc | Mathematics | 40 | 33 | 21 |
| MSc | Botany | 40 | 29 | 22 |
| MSc | Zoology | 40 | 58 | 36 |
| MSc | Biochemistry | 30 | 16 | 11 |
| MA | Economics | 30 | 12 | 8 |
| MA | History | 30 | 26 | 18 |
| MA | Yoga | 35 | 33 | 33 |
| MCom | Commerce | 30 | 26 | 24 |

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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 | Number of fulltime teachers available in the institution | Number of teachers teaching both UG and PG courses |
|------|---|---|--|--|--|
| | | | | | |

| | | | | | |
|------|-----|------|--------------------------|--------------------------|-----|
| | | | teaching only UG courses | teaching only PG courses | |
| 2018 | 392 | 1238 | 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 | 11 | 110 | 19 | 17 |
| No file uploaded. | | | | | |
| No file uploaded. | | | | | |

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

Student Mentoring System 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 students 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 |
|--|-----------------------------|-----------------------|
| 2654 | 168 | 1:16 |

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 | 60 | 70 | 108 | 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 | Designation | Name of the award, |
|---------------|----------------------------|-------------|--------------------|
|---------------|----------------------------|-------------|--------------------|

| | receiving awards from state level, national level, international level | | fellowship, received from Government or recognized bodies |
|------|--|-----------|--|
| 2018 | Dr. Sangeeta Shukla | Professor | Member, Vice Chancellor Selection Committee |
| 2018 | Dr. D. D. Agarwal | Professor | Appreciation Award for creation of autonomous colleges and permanent affiliation as DCDC |
| 2018 | Dr. I. K. Patro | Professor | B. K. Bachhawat Life-Time Achievement Award by Indian Academy of Neuroscience |
| 2018 | Dr. R. J. Rao | Professor | Member of International Union for Conservation of Nature and Natural Resources (IUCN) |
| 2019 | Dr. Renu Jain | Professor | Elevated to the post of Vice Chancellor, Devi Ahilya Vishwavidyalaya, Indore |
| 2018 | Dr. Nalini Srivastava | Professor | Appreciation Award for successfully organising DBT sponsored 15 Days Hands-on Training Course on Recent Techniques in DNA and Protein Analysis |
| 2018 | Dr. Sushil Kumar Gupta | Professor | Chartered Chemist and Fellow of Royal Society of Chemistry (CCHEM FRSC) by The Royal Society of Chemistry, UK |
| 2018 | Dr. G. B. K. S. Prasad | Professor | Appreciation Award for successful completion of Evaluation of Antidiabetic Ayurvedic Formulations in human Type 2 Diabetes Mellitus of |
| 2018 | Dr. O. P. Mishra | Professor | Appreciation Award for successfully |

| | | | |
|---------------------------|----------------|-----------|--|
| | | | organising International Conference on New Frontiers in Mathematics as Convener |
| 2018 | Dr. Suman Jain | Principal | Enriching Student Life-time Achievement Award by Oriental University, Indore |
| 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 |
|---|----------------|----------------|--|---|
| No Data Entered/Not Applicable !!! | | | | |
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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 |
|---|--|------------|
| No Data Entered/Not Applicable !!! | | |

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 |
|---|----------------|--------------------------|---|---|-----------------|
| No Data Entered/Not Applicable !!! | | | | | |
| View File | | | | | |

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/ssss.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 |
|---------------|--|---|---------------|--------------------|
| National | Prof. P. K. Tiwari | Outstanding Support for serum biomarkers for gallbladder cancer | 20/08/2018 | ICMR |
| International | Prof. S. K. Gupta | Financial support for collaborative research participation | 28/11/2019 | World Bank/MPHEQIP |
| International | Prof. D. C. Gupta | Financial support for collaborative research participation | 28/11/2019 | World Bank/MPHEQIP |
| International | Prof. M. K. Gupta | Financial support for collaborative research participation | 28/11/2019 | World Bank/MPHEQIP |
| International | Prof. P. K. Tiwari | Financial support for collaborative research participation | 28/11/2019 | World Bank/MPHEQIP |
| International | Prof. Hemant Sharma | Financial Support for Collaborative research participation | 28/11/2019 | World Bank/MPHEQIP |
| International | Prof. Umesh Holani | Financial Support for Collaborative research participation | 28/11/2019 | World Bank/MPHEQIP |

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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 |
|---------------------------------|----------------------------|---------------------|
| MP Higher Education Scholarship | 1080 | MP Higher Education |
| JRF and SRF | 1080 | DST INSPIRE |
| JRF | 720 | ICSSR |
| JRF | 720 | ICHR |
| JU Research Fellowship | 360 | Jiwaji University |
| JRF | 720 | UGC |

| | | |
|---|------|-------------------|
| JRF | 720 | ICHR |
| JU Research Fellowship | 720 | Jiwaji University |
| JU Post Doctoral Fellowship | 360 | Jiwaji University |
| National Fellowship for Scheduled Caste | 1800 | UGC |
| 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 |
|---|----------|----------------------------|------------------------|---------------------------------|
| No Data Entered/Not Applicable !!! | | | | |
| 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 |
|---|-------------------|------|
| No Data Entered/Not Applicable !!! | | |
| 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 |
|---|-----------------|-----------------|---------------|----------|
| No Data Entered/Not Applicable !!! | | | | |
| 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 |
|---|------|--------------|----------------------|--------------------|----------------------|
| No Data Entered/Not Applicable !!! | | | | | |
| 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 |
|-------------------------------|-------------------------|
| Management | 26 |
| Mathematics | 2 |
| Microbiology | 2 |
| Molecular Human Genetics | 1 |
| Pharmaceutical Science | 6 |
| Physical Education | 5 |
| Physics | 12 |
| Political Science | 2 |
| Tourism and Travel Management | 15 |

| | |
|---|----|
| Zoology | 6 |
| Psychology | 1 |
| Drawing and Painting | 1 |
| Ancient Indian History Culture Archaeology | 2 |
| Biochemistry | 1 |
| Biotechnology | 13 |
| Botany | 5 |
| Chemistry | 14 |
| Commerce | 9 |
| Computer Science | 1 |
| Computer Science and Application | 1 |
| Economics | 1 |
| Education | 4 |
| Electronics | 2 |
| Environmental Chemistry | 2 |
| Environmental Science | 2 |
| History | 6 |
| Law | 9 |
| Library and Information Science | 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) |
|---|------------|-----------------------|--------------------------------|
| No Data Entered/Not Applicable !!! | | | |
| 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 |
|---|-----------------------|
| No Data Entered/Not Applicable !!! | |
| View File | |

3.4.4 – Patents published/awarded/applied during the year

| Patent Details | Patent status | Patent Number | Date of Award |
|---|---------------|---------------|---------------|
| No Data Entered/Not Applicable !!! | | | |
| 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 |
|---|----------------|------------------|---------------------|----------------|---|---|
| No Data Entered/Not Applicable !!! | | | | | | |

[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 |
|--------------------|----------------|------------------|---------------------|---------|---|---|
|--------------------|----------------|------------------|---------------------|---------|---|---|

No Data Entered/Not Applicable !!!

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

| Number of Faculty | International | National | State | Local |
|-----------------------------|---------------|----------|-------|-------|
| Attended/Seminars/Workshops | 1 | 3 | 4 | 0 |
| Presented papers | 22 | 72 | 10 | 15 |
| Resource persons | 15 | 18 | 5 | 15 |

No file uploaded.

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

| Name of the Consultan(s) department | Name of consultancy project | Consulting/Sponsoring Agency | Revenue generated (amount in rupees) |
|-------------------------------------|-----------------------------|------------------------------|--------------------------------------|
|-------------------------------------|-----------------------------|------------------------------|--------------------------------------|

No Data Entered/Not Applicable !!!

[View File](#)

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

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

No Data Entered/Not Applicable !!!

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 |
|-------------------------|--|--|--|
|-------------------------|--|--|--|

No Data Entered/Not Applicable !!!

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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 |
|----------------------|-------------------|-----------------|------------------------------|
|----------------------|-------------------|-----------------|------------------------------|

No Data Entered/Not Applicable !!!

[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 |
|---|---|----------------------|--|--|
| No Data Entered/Not Applicable !!! | | | | |
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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 |
|---|-------------|-----------------------------|----------|
| No Data Entered/Not Applicable !!! | | | |
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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 |
|---|----------------------|---|---------------|-------------|-------------|
| No Data Entered/Not Applicable !!! | | | | | |
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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 |
|---|--------------------|---|---|
| Global Ayurveda Academy, Pennsylvania, USA | 14/05/2018 | To establish and expand academic cooperation in the training and research in the field of Ayurvedic Education | 18 |
| Global Institute of Stem Cell Therapy and Research (GIOSTAR), California, USA | 29/06/2019 | To establish Stem Cell and Regenerative Medicine Research Programme to faculty and students | 20 |
| Association Europe Ayurveda Academy, France | 21/06/2019 | Clinical Training Programme, Conferences, Faculty Exchange and Collaborative Programme on Education | 15 |

| | | | |
|---|------------|--|----|
| P.G. Tech Research Institute, Indore | 01/06/2019 | Enhancement of Research and Developmental activities | 21 |
| Ethixinn Consulting Research Solutions, Ahmedabad | 27/06/2019 | Enhancement of Research and Developmental activities | 21 |
| Family Planning Association of India, Gwalior | 30/06/2019 | Promoting various scheme related to health | 25 |
| BalMahilaVikasSamiti, Gwalior | 30/06/2019 | Strengthen the capacity to serve society | 15 |
| Ramkrshna Mission ROSHNI, Gwalior | 29/06/2019 | Bring awareness about disability, through teaching, training, research | 25 |
| ABV IIIITM, Gwalior | 19/06/2019 | Research Development | 5 |
| Glorious Exotica Laboratories Pune | 01/10/2018 | Research, Training and Development of IPR | 27 |
| 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 |
| 3546.6 | 1734.97 |

4.1.2 – Details of augmentation in infrastructure facilities during the year

| Facilities | Existing or Newly Added |
|--|-------------------------|
| Campus Area | Existing |
| Class rooms | Existing |
| Laboratories | Existing |
| Seminar Halls | Existing |
| Classrooms with LCD facilities | Existing |
| Seminar halls with ICT facilities | Newly Added |
| Value of the equipment purchased during the year (rs. in lakhs) | Newly Added |
| Number of important equipments purchased (Greater than 1-0 lakh) during the current year | Newly Added |
| Classrooms with Wi-Fi OR LAN | Newly Added |
| Value of the equipment purchased during the year (rs. in lakhs) | Existing |
| Number of important equipments | Existing |

purchased (Greater than 1-0 lakh)
during the current year

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 partially) | Version | Year of automation |
|---------------------------|---|---------|--------------------|
| KOHA | Partially | 16.05 | 2015 |

4.2.2 – Library Services

| Library Service Type | Existing | | Newly Added | | Total | |
|----------------------|----------|---------|-------------|--------|-------|---------|
| | | | | | | |
| e-Books | 4000 | 1000000 | 1000 | 500000 | 5000 | 1050000 |
| Journals | 50 | 150000 | 5 | 15000 | 55 | 165000 |
| Others (specify) | 800 | 400000 | 10 | 5000 | 810 | 405000 |

[View File](#)

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 |
|---------------------|---------------------------------------|---------------------------------------|-----------------------------|
| Prof./ Rajeev Jain | Content # Analytical Chemistrye | e-PG-PATHSHALA | 17/04/2018 |
| Dr. Nimisha Jadon | Conent# Environmental Chemistry | e-PG-PATHSHALA | 17/04/2018 |
| Dr. Nimisha Jadon | Content # Analytical Chem | e-PG-PATHSHALA | 17/04/2018 |
| Dr. Nimisha Jadon | Content # Environmental Biotechnology | e-PG-PATHSHALA | 17/04/2018 |

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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 | 618 | 7 | 618 | 0 | 15 | 140 | 31 | 1 | 0 |
| Added | 332 | 15 | 332 | 2 | 2 | 20 | 2 | 0 | 0 |
| Total | 950 | 22 | 950 | 2 | 17 | 160 | 33 | 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 |
|--|---|
| Media room | http://www.jiwaji.edu/admin/PDF/NoticeBoard2012/Webinar6778.pdf |
| Webinar video lectures | https://www.youtube.com/watch?v=Wdt1vejMNg |
| Departmental Video lectures | http://www.jiwaji.edu/admin/PDF/NoticeBoard2012/Flyer%20Tourism6671.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 |
|--|--|--|--|
| 717.11 | 503.45 | 125 | 110.63 |

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, electricals, 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.

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 | 44 | 6824000 |
| Financial Support from Other Sources | | | |
| a) National | UGC DST CSIR DBT ICMR ICSSR BSR | 65 | 4068000 |
| b) International | Nil | 0 | 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 |
|---|------------------------|-----------------------------|--|
| Personnel Counselling | 08/10/2018 | 200 | Central Instrumentation Facility (CIF) |
| Entrepreneurship Development | 22/02/2019 | 105 | Central Instrumentation Facility |
| Yoga Camp | 01/09/2018 | 35 | Centre for Yogic Science |
| Remedial Coaching | 05/06/2019 | 87 | Jiwaji University |
| Remedial Coaching | 01/06/2018 | 97 | Jiwaji university |
| Remedial Coaching | 01/12/2018 | 69 | Jiwaji University |
| Remedial Coaching | 01/12/2019 | 119 | Jiwaji University |
| Yoga Camp | 01/06/2019 | 40 | Centre for Yogic Science |
| Entrepreneurship Development | 01/06/2019 | 25 | M/s Tropilite Foods Pvt Ltd |
| Career counselling | 01/04/2019 | 150 | 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 |
|------|--------------------|--|--|--|---------------------------|
| | | | | | |

| | | | | | |
|-------------------|-----------------------|-----|-----|----|----|
| 2018 | NET Coaching | 166 | 0 | 29 | 0 |
| 2018 | Personnel counselling | 0 | 200 | 0 | 50 |
| 2019 | NET Coaching | 206 | 0 | 38 | 0 |
| 2019 | Career Counselling | 0 | 150 | 0 | 40 |
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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 |
| 5 | 5 | 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 |
| No Data Entered/Not Applicable !!! | | | | | |
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5.2.2 – Student progression to higher education in percentage during the year

| Year | Number of students enrolling into higher education | Programme graduated from | Department graduated from | Name of institution joined | Name of programme admitted to |
|------|--|--------------------------|-------------------------------|----------------------------|-------------------------------|
| 2018 | 70 | PG | SOS | Jiwaji University | PhD |
| 2018 | 10 | BLIB | Library & Information Science | Jiwaji University | MLIB |
| 2018 | 15 | BCA | Computer Application | Jiwaji University | MCA |
| 2018 | 20 | BALLB | Law | Jiwaji University | LLM |
| 2018 | 6 | BPharm | Pharmacy | Jiwaji University | MBA |
| 2018 | 4 | BPharm | Pharmacy | Jiwaji University | MPharm |
| 2018 | 15 | BE | Engineering | RGPV | MTech |
| 2018 | 30 | BBA | Management | Jiwaji University | MBA |
| 2018 | 10 | BPed | Physical Education | Jiwaji University | MPed |
| 2018 | 8 | BTM | Tourism | Jiwaji University | MBA |

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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 | 69 |
| No file uploaded. | |

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

| Activity | Level | Number of Participants |
|-----------------------------|------------------|------------------------|
| Cartooning | Inter-college | 25 |
| Collage | Inter-College | 20 |
| Karate Men Championship | Inter-University | 5 |
| Karate Women Championship | Inter-University | 4 |
| Athletics Men Championship | All India Level | 5 |
| Women Hockey Championship | Zonal | 25 |
| Women Hockey Champonship | State level | 25 |
| Women Football Championship | State level | 30 |
| Elocution | Inter-college | 20 |
| Classical dance | Inter-college | 20 |
| No file uploaded. | | |

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 |
|-------------------|-------------------------|------------------------|-----------------------------|-------------------------------|-------------------|---------------------|
| 2018 | Gold Medal | National | 1 | 0 | SYBPEd15 | Hockey team |
| 2018 | Bronze Medal | National | 1 | 0 | SYMPEd20 | Football team |
| 2019 | Bronze Medal | National | 1 | 0 | KRJC04 | Karate Men team |
| 2019 | Gold Medal | National | 1 | 0 | KRJC01 | Karate Women Team |
| 2018 | First Prize | National | 0 | 1 | KRJC02 | Saloni Jain |
| 2018 | First Prize | National | 0 | 1 | DSBC01 | D S Bhadoriya |
| 2018 | Second Prize | National | 0 | 1 | ATE01 | Ashtha Tomar |
| 2018 | Second Prize | National | 0 | 1 | MMCD01 | Mansi Medatwal |
| No file uploaded. | | | | | | |

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

Representatives of Student union participate in various academic, social, cultural, sports, NSS, etc. The University has a separate wing of Dean Student Welfare which assists student union in their year long 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 activity of the student union are 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 passouts of Jiwaji University are ex-officio members of Association. The membership fees is Rs.2500. It is prevelleged 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 participatng in teaching activities of Jiwaji university either as regular faculty/Visiting Faculty. The membes 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 deveopment of the members.

5.4.2 – No. of registered Alumni:

5000

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

2500000

5.4.4 – Meetings/activities organized by Alumni Association :

Eight Alumni Meets have been conducted by various Schools of Studies of Jiwaji University. 350 Alumni have registered to participate in the Alumni Meet. This Aluni Meet s have 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/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. 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 Adhiniyam (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 |
|------------------------|--|
| Curriculum Development | <ol style="list-style-type: none"> 1. The curricula are updated annual infusing latest developments in the field 2. The CBCS system is adopted 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 7. Following inputs from all stake holders, the Academic council approves the curricula for implementation.

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.

Examination and Evaluation

The University has automated examination and evaluation process. A separate "Pariksha Bhawan" with a sitting capacity of 3000 has been built up. Also there is a continuous evaluation of students during semester period. The examination results are declared in time. There is no re-valuation but grievances redressal mechanism is in place.

Research and Development

The University has a policy document prepared for conducting R D activities. The university promotes inter-disciplinary research. About 100 intramural research fellowships are awarded to doctoral students. Few post-doctoral 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 setup for the benefit of researchers and students. The university provides travel grants to students attending international conferences.

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 theses are digitalized and plagiarism monitoring facility is in place.

Human Resource Management

Skill development programmes are conducted in all faculties from time to

| | |
|--------------------------------------|--|
| | <p>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.</p> |
| Industry Interaction / Collaboration | <p>The University has developed tie-ups with several industrial houses 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</p> |
| Admission of Students | <p>(i) Admissions are online and open to students from all parts of the country. (ii) A common entrance examination is generally conducted for new admission. (iii) Reservation policy (SC/ST/OBC/EWS/PH/FF) is followed as per State Government rules.</p> |

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

| E-governance area | Details |
|-------------------------------|---|
| Planning and Development | <p>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 (students/faculty/officers/staffs). Separate WhatsApp groups are in place for communication purposes.</p> |
| Administration | <p>All administrative decisions are communicated digitally. Notifications for faculty and students are also in digital mode.</p> |
| Finance and Accounts | <p>All monetary 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.</p> |
| Student Admission and Support | <p>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 in online mode.</p> |

| | |
|--------------------|--|
| Examination | Submission of examination forms, generation of admit cards, docketts, declaration of results, generation of tabulation charts, mark sheets are done digitally. |
|--------------------|--|

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 |
|---|-----------------|--|--|-------------------|
| No Data Entered/Not Applicable !!! | | | | |
| 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) |
|------|--|---|------------|------------|---|---|
| 2018 | National Workshop on Bioinformatics Research Training | | 09/09/2018 | 11/09/2018 | 13 | 0 |
| 2018 | One Day Workshop on Vocationalisation of Higher Education: A Way forward | | 17/10/2018 | 17/10/2018 | 100 | 10 |
| 2018 | Workshop on Research, Innovation and Intellectual Property Right | | 28/12/2018 | 28/12/2018 | 50 | 0 |
| 2019 | National Workshop on Safety Measures | | 15/03/2019 | 16/03/2019 | 50 | 25 |

No file uploaded.

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 |
|---|---------------------------------|------------|------------|----------|
| Workshop cum User Orientation Programme on Capacity Building for Harnessing of E-Resources | 30 | 07/09/2018 | 08/09/2018 | 2 |
| Popular Mathematics Lecture on "The Geometry of Groups" | 40 | 20/02/2019 | 20/02/2019 | 1 |
| DBT Sponsored 15 Days Hands on training course on Recent Techniques in DNA and Protein Analysis | 20 | 01/08/2018 | 14/08/2018 | 15 |
| Easy Standard Sanskrit Workshop | 40 | 23/06/2018 | 23/06/2018 | 1 |
| No file uploaded. | | | | |

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

| Teaching | | Non-teaching | |
|-----------|-----------|--------------|-----------|
| Permanent | Full Time | Permanent | Full Time |
| 0 | 11 | 5 | 250 |

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), salary components of staff, honorarium for guest faculty, miscellaneous expenditure etc. The budget estimates are presented to the Finance Committee which 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 |
|--|-------------------------------|---------|
| No Data Entered/Not Applicable !!! | | |
| View File | | |

6.4.3 – Total corpus fund generated

2500000000

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 | | Yes | IQAC |
| Administrative | No | | 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 proformas 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)

Firefighting training First-Aid training Practices of Yoga

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

CBCS is in place since 2015. Financial support to faculty for innovative research. ICT facilities 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 |
|------|--|-------------------------|---------------|-------------|------------------------|
| 2018 | Second NAAC Assessment Awareness Programme (NAP) under RAF for Principals/their representatives/IQAC coordinators of colleges affiliated to Jiwaji University, Gwalior | 03/08/2018 | 03/08/2018 | 03/08/2018 | 110 |
| 2019 | National Conference on Yoga: Ancient Trends and Recent Advances (YATRA) | 19/01/2019 | 19/01/2019 | 20/01/2019 | 112 |
| 2019 | One Day workshop on X-ray Crystallography with Foreign Faculty Prof. Ray J Butcher, Howard University, USA | 23/03/2019 | 23/03/2019 | 23/03/2019 | 137 |
| 2019 | Campus Placement with M/s Mankind Pharma for | 23/04/2019 | 23/04/2019 | 23/04/2019 | 40 |

| | | | | | |
|------|---|------------|------------|------------|-----|
| | Chemistry, Industrial Chemistry, Pharmaceutical Chemistry and Microbiology students. | | | | |
| 2019 | 5th International Yoga Day at Vivekanand Uddyan, Jiwaji University, Gwalior for faculty members, students, non-teaching staff, officers and society members | 21/06/2019 | 21/06/2019 | 21/06/2019 | 510 |
| 2019 | One Day Faculty Development Programme on establishing Centre for Virtual Laboratory in the University Campus with the assistance of MHRD-IIT Delhi | 27/06/2019 | 27/06/2019 | 27/06/2019 | 20 |
| 2019 | NAAC Awareness Programme on Teaching, Learning and Evaluation | 29/06/2019 | 29/06/2019 | 29/06/2019 | 70 |

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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 |
| | | | | |

| | | | | |
|---|------------|------------|-----|----|
| Awareness program on prevention of sexual harassment and abuse for 1st year semester students | 10/09/2018 | 10/09/2018 | 200 | 50 |
| One day awareness program on prevention of sexual harassment and abuse for non-teaching staff | 22/12/2018 | 22/12/2018 | 60 | 40 |
| Health-check-up camp for women | 16/12/2019 | 16/12/2019 | 230 | 0 |
| Women's Day celebration | 08/03/2019 | 08/03/2019 | 200 | 50 |

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 | 21 |
| Provision for lift | Yes | 300 |
| Ramp/Rails | Yes | 100 |
| Rest Rooms | Yes | 25 |
| Scribes for examination | 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 |
|------|--|--|------------|----------|---------------------|--|--|
| 2018 | 0 | 1 | 26/07/2018 | 1 | Diabetic camp | to create awareness on life style diseases | 300 |
| 2018 | 0 | 1 | 07/05/2018 | 1 | Blood donation camp | Annual event in association with | 51 |

| | | | | | | | |
|-------------------|---|---|------------|---|-------------------|---|-----|
| | | | | | | Red Cross Society | |
| 2018 | 0 | 1 | 08/10/2018 | 1 | Voting awareness | To sensitise the public in participation of election | 400 |
| 2018 | 1 | 0 | 16/10/2018 | 1 | World Food Day | Awareness about entrepreneurship in food processing | 150 |
| 2019 | 1 | 0 | 16/02/2019 | 1 | Skill development | To create significance of soft skills for students | 250 |
| 2019 | 1 | 0 | 27/04/2019 | 1 | Alumni Meet | Interaction with senior students for career and professional growth | 150 |
| 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 | 23/07/2018 | Policy has been circulated to all stakeholders and uploaded on university website. |
| Environmental policy | 23/07/2018 | Policy has been circulated to all stakeholders and uploaded on university website. |
| Code of conduct for Vice Chancellor, rector and Registrar | 23/07/2018 | The draft has been circulated among stakeholders. |
| Code of conduct for students | 23/07/2018 | The draft has been circulated among students, parents, faculty and administrators for strict compliance |

7.1.6 – Activities conducted for promotion of universal Values and Ethics

| Activity | Duration From | Duration To | Number of participants |
|-------------------------------------|---------------|-------------|------------------------|
| International Yoga Day | 21/06/2019 | 21/06/2019 | 548 |
| Independence Day | 15/08/2019 | 15/08/2019 | 600 |
| Republic Day | 26/01/2019 | 26/01/2019 | 550 |
| Swachhata Abhiyan on Gandhi Jayanti | 02/10/2018 | 02/10/2018 | 400 |
| World Environment Day | 05/06/2019 | 05/06/2019 | 100 |
| World Earth Day | 22/04/2019 | 22/04/2019 | 150 |
| No file uploaded. | | | |

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

- Title of the Practice: WEEKEND DIABETES CLINIC DEVELOPMENT OF HERBAL FORMULATIONS AND THEIR SCIENTIFIC VALIDATION
- 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.
- 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.
- 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.

(ii) Best Practice - II

1. Title of the Practice: Excellence in Sports

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

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

4. The Practice Describe the practice and its uniqueness in the context of India higher education. What were the constraints / limitations, if any, faced (in about 400 words)?

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

6. Problems Encountered and Resources Required Please identify the problems encountered and resources required to implement the practice (in about 150 words). As such no major problems are experienced even from resource point of view.

7. Notes (Optional)

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/pdf/Institutional%20Best%20Practices.pdf>

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 made long strides to excel in teaching and research in almost all academic sectors and is evident from the fact that the efforts are widely acclaimed by World ranking Organizations. The University has 77th Rank in the country by Education World Rank, # 85 by SIR Rank, #86 - 90 by QS Rank and # 114 by UNI Rank. Research component both at post-graduation and PhD levels directly contributes not only to the enrichment of knowledge but also broadens the horizons of students. The Jiwaji University has always promoted excellence in research and 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. 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:

- Establishment of Atal Bihari Vajpayee International Convention Centre (ABVICC) with state of the art facility
- Establishment of Abdul Kalam Central Instrumentation Facility (CIF) with state of art equipments
- Establishment of Centers' of Excellence
- Earmarking of funds as seed money to motivate researchers/faculty
- Establishment of 'Centre for Innovation' to promote Start up ecosystem on Campus.
- Establishment of an Incubator viz., JU-DESIRE (Development of Eco System for Innovation Research and Entrepreneurship) from University resources.
- Incentives to faculty for publications and Patents
- Collaboration with National and International laboratories
- Establishment of specialized research Units/centers

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 under following heads:

- UGC Innovative/ Emerging Areas Programmes:
- UGS Special Assistance Programme (UGC-SAP)
- Department of Science and Technology-Funding for infrastructure - Development in Science Technology (DST- FIST)
- Departments of Biotechnology- Human Resource Development Scheme
- UNESCO Centre - 'Trace Elements Research'
- Bioinformatics Centre - DBT
- Central Instrumentation Facility - RUSA
- Centers of Excellence - RUSA-World Bank Scheme

Provide the weblink of the institution

<http://www.jiwaji.edu/pdf/Institutional%20Distinctiveness.pdf>

8.Future Plans of Actions for Next Academic Year

The Jiwaji University developed blue print for the academic year 2019-20 and the major activities proposed for the year 2019-20 include the following:

1. Strengthening of Academic activities on campus-Opening up of Honors courses and vocational courses at graduate level on campus Developing academic tie ups with National and International Organizations for strengthening of teaching and research component Association of National and International faculty with teaching programs of Jiwaji University Promotion of online courses and adoption of MOOC courses in degree and PG programs of the University 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.
2. Promotion of RD activities on Campus-Intramural research grants to faculty to promote applied and society oriented research 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
3. 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. 4. Promotion of semi-curricular Infrastructure and activities on Campus-Construction of 'International Conventional Center' with a budget lay out of Rs. 24 Crores for the benefit of Jiwaji University inmates and outsiders Organizing regional, zonal and National Level Sports and cultural activities. 5. 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.