

ANNUAL QUALITY ASSURANCE REPORT

2017-18



RANI DURGAVATI UNIVERSITY, JABALPUR

The Annual Quality Assurance Report (AQAR) of the IQAC **(For Universities)**

Institutions Accredited by NAAC need to submit an Annual self-reviewed progress report i.e. Annual Quality Assurance Report (AQAR) to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the IQAC at the beginning of the Academic year. *The AQAR period would be the Academic Year. (For example, July 1, 2017 to June 30, 2018)*

Part – A

Data of the Institution

(data may be captured from IIQA)

1. Name of the Institution Rani Durgavati Vishwavidyalaya

- Name of the Head of the institution : Professor Kapil Deo Mishra
- Designation : Vice Chancellor
- Does the institution function from own campus: Yes
- Phone no./Alternate phone no : 9407333760
- Mobile no: 8821838985
- Registered Email : vcrdvv@gmail.com
- Alternate Email : rdvcc1@rediffmail.com
- Address : Saraswati Vihar, Pachpedi
- City/Town : Jabalpur
- State/UT : Madhya Pradesh
- Pin Code : 482001

2. Institutional status:

- University: State/Central/Deemed/Private: State University
(Tick appropriate)
- Type of Institution: Co-education/Men/Women : Co-education
- Location : Rural/Semi-urban/Urban: Urban
- Financial Status: Centrally funded/state funded/Private : State Funded
(please specify)
- Name of the IQAC Co-ordinator/Director: Professor Anjana Sharma

- Phone no. /Alternate phone no. : 9425155323
- Mobile: 9425156423
- IQAC e-mail address: iqac.rdvv14@gmail.com
- Alternate Email address: vcrdvv@gmail.com

3. Website address: www.rdunijbpin.org

Web-link of the AQAR: (Previous Academic Year):

<http://www.rdunijbpin.org/site/information/GenericPDFListing.aspx?Doctype=BA8B7280-FCF7>

4. Whether Academic Calendar prepared during the year?

Yes, if yes, whether it is uploaded in the Institutional website: Yes

Weblink: : www.rdunijbpin.org

5. Accreditation Details

| Cycle | Grade | CGPA | Year of Accreditation | Validity Period |
|-----------------|-------|--------|-----------------------|-----------------|
| 1 st | B++ | 80-85% | 2002 | 2002 to: 2007 |
| 2 nd | B | 2.71 | 2015 | 2015 to: 2020 |
| 3 rd | NA | NA | NA | NA |
| 4 th | NA | NA | NA | NA |
| 5 th | NA | NA | NA | NA |

6. Date of Establishment of IQAC: DD/MM/YYYY: 28.01.2012

7. Internal Quality Assurance System

| Item /Title of the quality initiative by IQAC | Date & duration | Number of participants/beneficiaries |
|--|--|--------------------------------------|
| Regular meeting of Internal Quality Assurance Cell (IQAC) | 22.08.2017 23.08.2017 29.08.2017 | 07 10 23 |
| Submission of AQAR to NAAC | 25.08.2017 | IQAC Team |
| Feed Back from Students Collected, Analysed | During the semester | 1014 |
| Academic Administrative Audit (AAA) conducted and its follow up action | At the end of each semester | All Students, Faculty Member |

8. Provide the list of Special Status conferred by Central/ State Government-

UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc. NA

9. Whether composition of IQAC as per latest NAAC guidelines: YES

*upload latest notification of formation of IQAC : 18

10. No. of IQAC meetings held during the year: 03

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website www.rdunijbpin.org Yes

(Please upload, minutes of meetings and action taken report)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year? Yes No

If yes, mention the amount: Year:

12. Significant contributions made by IQAC during the current year (maximum five bullets)

- Development quality benchmarks in Curriculum revision and addition of advanced topics in different departments
- IQAC conducted Academic Audit (Internal and External) on all the criterion based quality measures
- The feedback from the students as well as external experts' opinion is obtained after completion of every semester.
- Documentation of the various programmes/activities leading to quality improvement
- IQAC is involved in the preparation of Academic Calendar (AC) for teaching, learning and evaluation activities of the UTDS in consultation with University, departments, and other academic bodies.
- Establishment of Gymnasium for women studies .
- Up gradation of lab facilities .
- Regular Rojgar melas with high placement
- Faculty and the research scholars of the University are motivated for quality Research Also, motivation is provided to the teachers by felicitating them on Republic Day every year
- Preparation and submission of the Annual Quality Assurance Report (AQAR

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

| Plan of Action | Achievements/Outcomes |
|---|---|
| Development of regress process for guest faculties as per UGC. | Guest faculties were selected after strictly following the UGC norms. |
| To organize Orientation/Induction Programme for the freshers students | Orientation/Induction programme was organized in the University for all the newly admitted students in the University. Students were informed about the facilities in the campus, examination pattern, CBCS, skill oriented courses, Grievance redressal mechanism, various policies framed by the University and other students related informations. |
| To prepare Annual Academic Calendar delineating Time-Table Unit Test/Semester examination schedule, Course Plan, etc. | Planned information flow to all the stakeholders related to the academic and other activities of the University was provided. Time table and scheduling of lectures was followed by the teachers and students. |
| Curriculum modification and their display on website | Syllabus of most of the course have been updated and revised. Course plan and syllabi of all the courses are uploaded by all the departments on the university website. |

14. Whether the AQAR was placed before statutory body? Yes

Name of the statutory body: Executive Council Date of meeting(s): 10th January 2020

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

Yes/No: No

Date: NA

16. Whether institutional data submitted to AISHE: Yes/No: Yes

Year: 2017

Date of Submission : 20 March,2017

17. Does the Institution have Management Information System?

No

If yes, give a brief description and a list of modules currently operational.

(Maximum 500 words)

NA

Part-B

1.1 Curriculum Design and Development

1.1.1 Programmes for which syllabus revision was carried out during the Academic year 2017-18

| Name of programme | Programme Code | Dates of revision |
|----------------------------------|----------------|--|
| M.A., AICHA | U051 | Can be obtained from the meeting section |
| B.Ed. | C425 | 07-07-17 |
| B.Sc.(H) Biotechnology | U003 | 21/11/2017 |
| B.Sc.(H) Microbiology | U002 | 21/11/2017 |
| M.Sc. Chemistry | U059 | 29/04/2016 |
| B.Pharmacy | U030 | 29/04/2016 |
| B.P.Ed | C426 | 24/05/2019 |
| M.P.Ed. | 1252 | 24/05.2019 |
| M.Sc.Physics M.Sc.Electronics | U064 U065 | 04-01-2017 |

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

| Programme with Code | Date of Introduction | Course with Code | Date of Introduction |
|---|----------------------|---|----------------------|
| B.Sc. (H) U002 Microbiology & B.Sc. (H) U003 Biotechnology | 21/11/2017 | Skill development modules approved Course UMB 103 & UBC 103, UBC 201& UMB 201 | 21/11/2017 |

1.2 Academic Flexibility

1.2.1 New programmes/courses introduced during the Academic year

| Programme/Course | Date of introduction |
|------------------|----------------------|
| BA (Economics) | 01/07/2017 |

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 | UG | PG | Date of implementation of CBCS / Elective Course System | UG | Name of Programmes adopting CBCS |
|----------------------------------|-----|-----|---|------|----------------------------------|
| All | All | All | 2016 | 2016 | 2016 |

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 |
|---------------------|----------------------|-----------------------------|
| B Ed | 2017 | 162 |

| | | |
|--|------------|-----|
| Understanding Self Reading reflecting Skill Development | | |
| B.Sc. (H) Microbiology & Biotechnology Skill development modules approved | 21/11/2017 | 140 |
| MSc Chemistry Skill Development | 29/04/2016 | 123 |
| Legal Literacy camp, Legal aid camp, and Mediation camp | July2016 | 125 |
| MA Hindi HDS | 2016 | 11 |

1.3.2 Field Projects / Internships under taken during the year

| Project/Programme Title | No. of students enrolled for Field Projects / Internships |
|--|---|
| B.Ed. 3 rd Sem School Internship | 80 |
| Bio Sci. UG SIXTH SEMESTER & PG FOURTH SEMESTER | Total =31 (08=UG and 23= PG) |
| Chemistry Material based on Copper(II) Complexes: Synthesis, Spectral, Molecular Structural, Electrochemical and DFT Studies. | 03 |
| Uv-visible spectroscopy: Theory and applications | 02 |
| Analysis of growing plants by using panchgavya | 02 |
| Economics | 12 |
| English | 12 |
| Law | 29 |
| Library Science | 26 |
| Phy. Education | 28 |
| Physics Project work is compulsory part of M.Sc. Physics course and is done in Semester III & IV . M.Sc. Electronics | Project work is compulsory part of M.Sc. Electronics course. In addition to this M.Sc. Electronics Students have to complete/ undertake internship/ Industrial training of one month duration in IV sem |
| Rural Development | 07 |
| Socilogy MSW | Field oriented Dissertation, Community Work And Agency Visit |

1.4 Feedback System

1.4.1 Whether structured feedback received from all the stakeholders.

| | | | |
|-------------|-------------|--------------|-----------|
| 1) Students | 2) Teachers | 3) Employers | 4) Alumni |
| Yes | Yes | Yes | Yes |

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

The structured feedback forms have been developed by IQAC. The feedback obtained from the stake holders are scrutinized and corrective measure are informed to the concern department by the teachers. After analysis of the feedback departmental level meetings are held and decision are taken to eradicate the drawbacks. The necessary changes and up gradation is introduced in the curriculum accordingly. Various aspects of student's welfare are addressed and complaints regarding the academic and basic physical facilities are also attended .

2.1 Student Enrolment and Profile

2.1.1 Demand Ratio during the year

| Name of the Programme | Number of seats available | Number of applications received | Students Enrolled |
|---|---------------------------|---------------------------------|-------------------|
| M.A. AICHA | 30 | 12 | 12 |
| B.Ed | 200 | 200 | 162 |
| M.Sc. Microbiology M.Sc. Botany M.Sc. Biotechnology M.Sc. Biochemistry BSc Microbiology BSc Biotech M.Phil Microbiology M.Phil. Botany M.Phil Biotechnology M.Phil Biochemistry M.Phil. Zoology | 285 | 105 | 71 |
| M.Sc.Chemistry | 40 | 48 | 29 |
| B.Pharmacy | 60 | 95 | 56 |
| MAMC | 15 | 19 | 11 |
| BAMC | 15 | 20 | 14 |
| MJC | 30 | 22 | 05 |
| BJC | 25 | 30 | 13 |
| M.A. Hindi | 40 | 16 | 04+16 |
| MA History | 40 | 40 | 40 |
| B.A.LL.B. | 80 | 298 | 80 |
| LL.M | 45 | 52 | 45 |
| B.Lib.I.Sc. | 40 | 32 | 27 |

| | | | |
|--|-----|----|----|
| M.Lib.I.Sc. | 30 | 25 | 22 |
| B.P.Ed | 100 | 59 | 59 |
| M.P.Ed | 30 | 09 | 09 |
| M.Sc (Maths) | 40 | 35 | 33 |
| M.Sc (CS) | 40 | 06 | 03 |
| M.Sc. I & II Sem. Physics | 40 | 25 | 15 |
| M.Sc. III & IV Sem. Physics | 40 | 10 | 04 |
| M.Sc. I & II Sem. Elec. | 40 | 12 | 02 |
| M.A Political Science | 70 | 63 | 32 |
| P.G.Dip.Pub.Adm | 30 | 03 | 02 |
| M.A.Rural Development | 30 | 20 | 09 |
| M.A. Sanskrit | 80 | 40 | 37 |
| M.A. Sociology | 80 | 25 | 13 |
| MSW | 80 | 40 | 20 |
| BA | 40 | | 04 |
| P.G. Diploma in Tribal Studies | 40 | 15 | 14 |
| MCA | 40 | -- | 11 |
| BCA | 40 | 27 | 00 |
| M.Sc. Cyber Security | 20 | 13 | 06 |
| PGDCA | 40 | 09 | 21 |
| P.G. Diploma in Cyber Forensic & Inf. Security | 20 | 09 | 03 |
| P.G. Diploma in Tribal Studies | 40 | 15 | 14 |

2.2 Catering to Student Diversity

2.2.1. Student - Full time teacher ratio (current year data)4:1

| Year | Number of students enrolled in the institution (UG) | Number of students enrolled in the institution (PG) | Number of full time teachers available in the institution teaching only UG courses | Number of full time teachers available in the institution teaching only PG courses | Number of teachers teaching both UG and PG courses |
|---------|---|---|--|--|--|
| 2017-18 | 458 | 458 | ----- | ---- | 42 |

| 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 (<i>LMS, e-Resources</i>) | ICT tools and resources available | Number of ICT enabled classrooms | Number of smart classrooms | E-resources and techniques used |
| 45 | 45 | Yes | 21 | 12 | Yes |

| 2.3.2 Students mentoring system available in the institution? Give details. (maximum 500 words) | | |
|--|-----------------------------|----------------------|
| Number of students enrolled in the institution | Number of fulltime teachers | Mentor: Mentee Ratio |
| 916 | 42 | 1:21 |

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

YES, The institution provides academic, personal, social support and guidance services. Guidance and counselling is provided to the students, both at the academic and personal levels by the faculty. The process begins much before the commencement of the session. Special emphasis is laid on personal interaction between the students and teachers outside the classroom. The skill education course, Guidance and counselling and library plays an important role in mentoring the students to acquire professional skills.

| 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 |
| 156 | 42 | 114 | Nil | 42 |
| 2.4.2 Honours and recognitions received by teachers (<i>received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year</i>) | | | | |
| 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 | |
| 2017 | Prof. Tribhuwan Nath Shukla | Professor & Head | Sahitya Seva Puraskar , Kendriya Hindi Sansthan Agra | |

| 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 |
| M.A AICHA. | U022 | 2 Year | 27/06/2018 | 21/08/2018 |
| B.Ed | 3844 | 1st & 3 rd | 4 th sem-- 23/06/2018 | 13 December 2018 |
| B.Sc. (H) Biotechnology | U003 | 3Year | 6 th semester 18May 2017 | 6 th semester 25May2017 |
| B.Sc. (H) | U002 | 3Year | 6 th semester 18May 2017 | 6 th semester 25May2017 |

| | | | | |
|---|-------------|-----------------|-------------------------------------|------------------------------------|
| Microbiology | | | | |
| M.Sc. Botany | U055 | 2Year | 4 th semester 18May 2017 | 4 th semester 25May2017 |
| M.Sc. Microbiology | U058 | 2Year | 4 th semester 18May 2017 | 4 th semester 25May2017 |
| M.Sc. Biotechnology | U083 | 2Year | 4 th semester 18May 2017 | 4 th semester 25May2017 |
| M.Sc. Biochemistry | U057 | 2Year | 4 th semester 18May 2017 | 4 th semester 25May2017 |
| M.Sc. Chemistry | 1044 | Fourth Semester | 04/06/2018 | 03/07/2018 |
| B. Pharmacy | 6003 | Eighth semester | 02/11/2018 | 09/01/2019 |
| M.A. English | 008 | 2017-18 | 5/06/2017 | 21/08/2018 |
| LBC,LMC B.A.LLB,LL.M | Semester | 24Nov.2017 | Up to 15 June | LBC,LMC |
| Bachelor of Library and Information Science | B.Lib.I.Sc. | Semester | 25-05-2018 | 13-09-2018 |
| Master of Library and Information Science | M.Lib.I.Sc. | Semester | 25-05-2019 | 08-02-2019 |
| B.P.Ed | 1251 | 4 Semester | 05/06/17 | B.P.Ed |
| | 1252 | | 23/06/17 | |
| M.P.Ed | | 4 Semester | | M.P.Ed |
| B.P.Ed | 1251 | 4 Semester | 05/06/17 | B.P.Ed |
| | 1252 | | 23/06/17 | |
| M.P.Ed | | 4 Semester | | M.P.Ed |
| M.Sc. (Physics)M,Sc. Electronics) | | IV Sem | 31-05-2018 | 08-06-2018 |
| | | II Sem | 31-05-2018 | 08-06-2018 |
| Bachelor of Library and Information Science | B.Lib.I.Sc. | II Sem | 25-05-2018 | 13-09-2018 |
| Master of Library and Information Science | M.Lib.I.Sc. | II Sem | 25-05-2019 | 08-02-2019 |
| MA Political Science | | IV Semester | June 2018 | 01.09.2018 |
| M.A.Rural | U028 | IV Semester | 3/06/2018 | 18.12. 2018 |

| | | | | |
|--|--------|-------------|--------------|------------|
| Development | | | | |
| M.A. Sanskrit | U043 | IVSEM | 21.05.2018 | 30.06.2018 |
| MSW | SWC101 | IV semester | 30 June 2018 | July 2018 |
| MCA | | Semester | 30 June 2018 | July 2018 |
| BCA | | Semester | 30 June 2018 | July 2018 |
| M.Sc. Cyber Security | | Semester | 30 June 2018 | July 2018 |
| PGDCA | | Semester | 30 June 2018 | July 2018 |
| P.G. Diploma in Cyber Forensic & Inf. Security | | Semester | 30 June 2018 | July 2018 |

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

***Do not include re-evaluation/ re-totalling**

| | | |
|---|--|------------|
| Number of complaints or grievances about evaluation | Total number of students appeared in the examination | Percentage |
| 12 | 676 | 1.7 % |

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 <http://www.rdunijbpin.org/site/information/GenericPDFListing.aspx?Doctype=BA8B7280-FCF7-414F-B2A0-FD530EA8285E>

2.6.2 Pass percentage of students

| Program me Code | Programme name | Number of students appeared in the final year examination | Number of students passed in final Semester /year examination | Pass Percentage |
|-----------------|---|---|---|-----------------|
| | M.A. AICHA | 12 | 12 | 100% |
| 3844 | B.Ed | 80 | 80 | 100% |
| 052 | B.Sc. (H) Biotechnology 1 st sem | 10 | 06 | 60% |
| | B.Sc. (H) Microbiology 1 st sem | 05 | 03 | 60% |
| | B.Sc. (H) Biotechnology 2 nd sem | 10 | 07 | 70% |
| | B.Sc. (H) Microbiology 2 nd sem | 05 | 02 | 40% |
| | B.Sc. (H) Biotechnology 4 th sem | 03 | 03 | 100% |

| | | | | |
|-----|--|----|----|------|
| 053 | M.Sc. Botany 4 th sem | 04 | 04 | 100% |
| | M.Sc. Biochemistry 4 th sem | 04 | 04 | 100% |
| | M.Sc. Microbiology 4 th sem | 10 | 10 | 100% |
| | M.Sc. Biotechnology 4 th sem | 05 | 05 | 100% |
| 052 | B.Sc. (H) Biotechnology 2nd sem | 21 | 21 | 100% |
| | B.Sc. (H) Microbiology 2nd sem | 04 | 04 | 100% |
| 053 | M.Sc. Botany 3 rd sem | 04 | 04 | 100% |
| | M.Sc. Bioscience 3 rd sem | 00 | 00 | 00% |
| | M.Sc. Biochemistry 3 rd sem | 04 | 03 | 90% |
| | M.Sc. Microbiology 3 rd sem | 02 | 02 | 100% |
| | M.Sc. Biotechnology 3 rd sem | 05 | 05 | 100% |
| 053 | M.Sc. Botany 2nd sem | 05 | 05 | 100% |
| | M.Sc. Biochemistry 2nd sem | 02 | 02 | 100% |
| | M.Sc. Microbiology 2nd sem | 05 | 04 | 90% |
| | M.Sc. Biotechnology 2nd sem | 10 | 08 | 80% |
| | M.Sc. Botany 1 st sem | 05 | 02 | 40% |
| | M.Sc. Biochemistry 1 st sem | 02 | 02 | 100% |

| | | | | |
|--------------------|---|----|----|------|
| | M.Sc. Microbiology 1 st sem | 10 | 07 | 70% |
| | M.Sc. Biotechnology 1 st sem | 05 | 02 | 40% |
| 1044 | M.Sc. Chemistry | 07 | 07 | 100 |
| 6003 | B. Pharmacy | 02 | 02 | 100 |
| | BA | 8 | 6 | 75 |
| | MJC | 8 | 8 | 100 |
| | BJC | 11 | 11 | 100 |
| PG | MA Economics | 06 | 06 | 100 |
| 008 | M.A. English | 05 | 05 | 100 |
| UG/PG2 017-2018 | Geography BA MA/M.Sc. | 28 | 28 | 100 |
| U010 | M.A. Hindi | 04 | 04 | 100/ |
| U011 | MA History | 12 | 12 | 100% |
| LBC | B.A.LL.B | 44 | 40 | 91 |
| LMC | LL.M | 15 | 15 | 100 |
| B.Lib.I.Sc. | Bachelor of Library and Information Science | 26 | 22 | 85 |
| M.Lib.I.Sc. | Master of Library and Information Science | 19 | 10 | 53 |
| 1251 | B.P.Ed | 24 | 24 | 100% |
| 1252 | M.P.Ed | 04 | 04 | 100% |
| | Physics M.Sc. Phy II Sem | 19 | 19 | 100% |
| | M,Sc, Phy IV Sem | 04 | 04 | 100% |
| | M,Sc. Elec II Sem | 02 | 02 | 100% |

| | | | | |
|---------------|--|----|----|--------|
| | M.A Pol. Science | 32 | 32 | 100% |
| RDVV_ U028 | M.A.Rural Development | 20 | 20 | 100% |
| RDVV_ U028 | M.A.Rural Development | 20 | 20 | 100% |
| U043 | M.A. Sanskrit | 21 | 21 | 100% |
| SOC101 | M.A. Sociology Ist Semester | 11 | 11 | 100% |
| SOC204 | M.A. Sociology 3 rd sem | 02 | 02 | 100% |
| SWC201 | MSW 1 st Semester | 11 | 11 | 100% |
| SWC204 | MSW IVth Semester | 09 | 09 | 100% |
| | PG Diploma in Tribal studies | 02 | 02 | 100% |
| | UICSA MCA | 10 | 10 | 100% |
| | M.Sc. Cyber Security | 00 | 00 | -- |
| | PGDCA | 21 | 20 | 95.23% |
| | PGDCS | 03 | 03 | 100% |
| | UIM | 02 | 02 | 100% |

2.7 Student Satisfaction Survey

2.7.1 Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire)

<http://www.rdunjbpin.org/site/information/GenericPDFListing.aspx?Doctype=BA8B7280-FCF7-414F-B2A0-FD530EA8285E>

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

| | Name of the teacher awarded the fellowship | Name of the Award | Date of Award | Awarding Agency |
|---------------|--|-------------------|---------------|-----------------|
| National | NA | NA | NA | NA |
| International | NA | NA | NA | NA |

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 fellowship | Funding agency |
| UGC-JRF, M.P. Govt., Post Doctoral Fellowship for women, Rajiv Gandhi National Fellowship | 2-5 years | UGC |

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 |
|--|----------|----------------------------|------------------------|---------------------------------|
| Major projects | NA | NA | NA | NA |
| Minor Projects | NA | NA | NA | NA |
| Interdisciplinary Projects | NA | NA | NA | NA |
| Industry sponsored Projects | NA | NA | NA | NA |
| Projects sponsored by the University | NA | NA | NA | NA |
| Students Research Projects (other than compulsory by the University) | NA | NA | NA | NA |
| International Projects | NA | NA | NA | NA |
| Any other (Specify) Women Scientist Scheme B (Chemistry) | 3 year | DST, New Delhi | 30,45000/ | 12,15000/ |
| Dic | 1 year | ONGC | 3.1 Lakh | 3.1 Lakh |
| Total | 3 year | DST, New Delhi | 30,45000/ | 12,15000/ |

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(s) |
|---|--|---------------------|
| NEP 2017 | School of Education | 18/08/ 2017 |
| Media ethics | Dept of Communication Studies and Research | 26/12/2017 |
| Sanskrit Divas Samaroh | Sanskrit, Pali and Prakait | 12/09/2017 |
| Akhil Bhartiya Rajshekhar Samaroh | Sanskrit,Pali and Prakait | 12-14/04/2018 |
| Manak Sanskrit Workshop | Sanskrit,Pali and Prakait | 26/05/2018 |
| World Earth Day | Geography | 22/04/2018 |
| World Environment Day | Geography | 05/06/2018 |
| 2 days national Workshop on Cyber Security & Cyber laws | UICSA | 07,08 December 2017 |
| Anusandhan Ki Sthiti Prakriya evam Disha | Department of Sociology and Social Work and Tribal Studies | 15,16 March 2018 |

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

| Title of the innovation | Name of the Awardee | Awarding Agency | Date of Award | Category |
|-------------------------|------------------------|-----------------|---------------|----------|
| Himaliyan gold | RD University jabalpur | IICT & MHRD | 17 Aug 2017 | |

| 3.3.3 No. of Incubation centre created, start-ups incubated on campus during the year | | | |
|---|------------------------------------|----------------------|-------------------------------|
| Incubation Centre | Name | Sponsored by | |
| NA | NA | NA | |
| | | | |
| Name of the Start-up | Nature of Start-up | Date of commencement | |
| NA | NA | NA | |
| 3.4 Research Publications and Awards | | | |
| 3.4.1 Ph. Ds awarded during the year | | | |
| Name of the Department | No. of Ph. Ds Awarded | | |
| Hindi | 07 | | |
| English | 01 | | |
| Sanskrit | 05 | | |
| Philosophy | 02 | | |
| Music | 03 | | |
| Drawing & Painting | 02 | | |
| Journalism | 02 | | |
| Economics | 01 | | |
| Sociology | 06 | | |
| Social Work | 02 | | |
| Political Science | 07 | | |
| History | 04 | | |
| AGHC & Arch | 01 | | |
| Geography | 01 | | |
| Psychology | 03 | | |
| Home Science (soc. sc) | 01 | | |
| Physics | 07 | | |
| Chemistry | 13 | | |
| Mathematics | 03 | | |
| Computer Science | 01 | | |
| Child Development | 02 | | |
| Home management | 02 | | |
| Bio Science | 01 | | |
| Microbiology | 02 | | |
| Bio Technology | 03 | | |
| Bio Chemistry | 01 | | |
| Botany | 02 | | |
| Zoology | 02 | | |
| Education | 11 | | |
| App. Psychology | 01 | | |
| Commerce | 09 | | |
| App. Economics | 07 | | |
| Management | 03 | | |
| Surgery | 01 | | |
| 3.4.2 Research Publications in the Journals notified on UGC website during the year | | | |
| | Department | No. of Publication | Average Impact Factor, if any |
| National | B.Ed | 10 | Not Applicable |
| International | | Nil | Not Applicable |
| National | Biological Science | 09 | 2.5 |
| International | | 04 | 3 |
| National | Chemistry and Pharmacy | 02 | 01 |
| International | | 15 | 03 |
| National | Communication Studies and Research | 04 | Not Applicable |
| International | | Nil | Not Applicable |
| | | | |

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|------------------------|-----------------------|-----|----------------|
| National | Geography | 06 | Not Applicable |
| International | | Nil | Not Applicable |
| National | History | 03 | Not Applicable |
| International | | Nil | Not Applicable |
| National | Physical Education | 05 | Not Applicable |
| International | | Nil | Not Applicable |
| National | Physics & Electronics | 04 | Not Applicable |
| International | | 11 | 2-4 |
| E-journal | | 12 | Not Applicable |
| Conference proceedings | | 11 | Not Applicable |
| National | B.Ed | 10 | Not Applicable |
| International | | Nil | Not Applicable |

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

| Department | No. of publication |
|---------------------------|---------------------------|
| B.Ed | 07 |
| Biological Science | 01 |
| Chemistry and Pharmacy | 02 book, 03 chapter |
| Geography | 01 (Sansadhan Prabandhan) |
| Hindi | 03 |
| Law | 04 |
| Sociology and Social Work | 02 |

3.4.4 Patents published/awarded during the year

| Patent Details | Patent status Published/Filed | Patent Number | Date of Award |
|----------------|-------------------------------|---------------|---------------|
| NA | NA | NA | NA |

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 the author | Title of the journal | Year of publication | Citation Index | Institutional affiliation as mentioned in the publication | Number of citations excluding self citations |
|---|--|---|---------------------|---|---|--|
| Long-term trend and variability of precipitation in Chhattisgarh State, India | Meshram, S.G. Singh, V.P.Meshram, C. | Theoretical and Applied Climatology 129(3-4), pp. 729-744 | 2017 | https://doi.org/10.1007/s00704-016-1804-z | Rani Durgavati University | 16 |
| Trend analysis of precipitation in Jharkhand State, India: Investigating precipitation variability in Jharkhand State | Chandniha, S.K. Meshram, S.G. Adamowski, J.F. Meshram, C. | Theoretical and Applied Climatology 130(1-2), pp. 261-274 | 2017 | 10.1007/s00704-016-1875-x | Rani Durgavati University | 15 |

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|--|--|---|------|---|---------------------------|----|
| Phylogenetically distant clade of Nostoc –like taxa with the description of Aliinostoc gen. nov. and Aliinostoc morphoplasticum sp.nov. | Suvendra Nath Bagchi et.al. | Int. J. Syst.Evol. Microbiol DDI 10 1099/ | 2017 | 10.1099/ijsem.0.0 02112 | Rani Durgavati University | 11 |
| Hot springs of Indian Himalayas: potential sources of microbial diversity and thermostable hydrolytic enzymes | Sahay, H. Yadav, A.N. Singh, A.K. Kaushik, R. Saxena, A.K. | 3 Biotech 7(2),118 | 2017 | https://doi.org/10.1007/s13205-017-0762-1 | Rani Durgavati University | 09 |
| A secure key authentication scheme for cryptosystems based on GDLP and IFP | Meshram, C. Lee, C.-C. Li, C.- T. Chen, C.-L. | Soft Computing 21(24), pp. 7285-7291 | 2017 | https://doi.org/10.1007/s00500-016-2440-3 | Rani Durgavati University | 06 |
| Combined headspace single-drop microextraction and solid-phase microextraction for the determination of phenols as their methyl ethers by gas chromatography-mass spectrometry | Jain, A. Soni, S. Reddy-Noone, K. Pillai, A.K.K. V. Verma, K.K. | Analytical Methods 9(46), pp. 6590-6598 | 2017 | 10.1039/C7AY02 275A | Rani Durgavati University | 05 |
| Equivalent circuit models using CPE for impedance spectroscopy of electronic ceramics | Pandey, S. Kumar, D. Parkash, O. Pandey, L | Integrated Ferroelectrics 183(1), pp. 141-162 | 2017 | https://doi.org/10.1080/10584587.2017.1376984 | Rani Durgavati University | 04 |
| An eco-friendly approach for minimizing pollution of | Awasthi, A.K. Pandey, A.K. | Journal of Cleaner Production 140, pp. 1618- | 2017 | https://doi.org/10.1016/j.jclepro.2016.09.188 | Rani Durgavati University | 04 |

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|---|---|--|------|---|---------------------------|----|
| metal from municipal solid waste leachate in India | Khan, J. | 1625 | | | | |
| Induced pluripotent stem cell technology: A paradigm shift in medical science for drug screening and disease modeling | Nair, M. Sandhu, S.S. Sharma, A.K. | Current Medicinal Chemistry 24(39), pp. 4368-4398 | 2017 | 10.2174/0929867324666170727100508 | Rani Durgavati University | 03 |
| Potential of fungus Trichoderma harzianum for toxicity reduction in municipal solid waste leachate | Awasthi, A.K. Pandey, A.K. Khan, J. | International Journal of Environmental Science and Technology 14(9), pp. 2015-2022 | 2017 | https://doi.org/10.1007/s13762-017-1271-9 | Rani Durgavati University | 03 |
| A preliminary report of indigenous fungal isolates from contaminated municipal solid waste site in India | Awasthi, A.K. Pandey, A.K. Khan, J. | Environmental Science and Pollution Research 24(9), pp. 8880-8888 | 2017 | 10.1007/s11356-017-8472-0 | Rani Durgavati University | 03 |
| Preliminary evaluation of arginine deaminase activity of indigenous bacterial strains for suitable chemotherapeutic applications | Anjana Sharma, Kiran Bala Islam Husain | Biocatalysis and Agricultural Biotechnology 12(2017) 66-77 | 2017 | https://doi.org/10.1016/j.bcab.2017.09.001 | Rani Durgavati University | 02 |
| Arginase purified from endophytic Pseudomonas aeruginosa IH2: Induce apoptosis through both cell cycle arrest and MMP loss in human | Islam Husain, Kiran Bala, Abubakar Wani Ubaid Makhdoomi, Fayaz Malik, Anjana Sharma | Chemico Biological Interaction 274(2017) 35-49 | 2017 | 10.1016/j.cbi.2017.07.001 | Rani Durgavati University | 02 |

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|---|---|--|------|---|---------------------------|----|
| leukemic HL-60 cells | | | | | | |
| Evaluation of Antitumor Activity of Glutaminase-Free Periplasmic Asparaginase from Indigenous Bacterial Isolates as Candidates for Cancer Therapy | Sharma, A. Husain, I. | Proceedings of the National Academy of Sciences India Section B - Biological Sciences 87(3), pp. 997-1004 | 2017 | https://doi.org/10.1007/s40011-015-0681-z | Rani Durgavati University | 02 |
| Entropy-Controlled Cu(II)-Catalyzed Oxidation of N-Acetyl-L-Cysteine by Methylene Blue in Acidic Medium | Sharma, R. Pal, M. Mishra, K.K. | Zeitschrift für Physikalische Chemie 231(6), pp. 1093-1109 | 2017 | https://doi.org/10.1515/zpch-2016-0853 | Rani Durgavati University | 02 |
| Biosorption an innovative tool for bioremediation of metal-contaminated municipal solid waste leachate: optimization and mechanisms exploration | Awasthi, A.K. Pandey, A.K. Khan, J. | International Journal of Environmental Science and Technology 14(4), pp. 729-742 | 2017 | https://doi.org/10.1007/s13762-016-1173-2 | Rani Durgavati University | 02 |
| Estimation of guggulsterone and Z in the Guggul-based commercial formulations using high-performance thin-layer chromatography | Sairkar, P.K. Sharma, A. Shukla, N.P. | Journal of Pharmacy and Bioallied Sciences 9(1), pp. 1-7 | 2017 | 10.4103/0975-7406.206225 | Rani Durgavati University | 02 |
| In Vitro evaluation of anticoagulant and antibacterial activities of Capsicum annum PUSA JWALA | Anjana Sharma, Shweta Golhani | International Journal of Food Science and Nutrition Vol 2: (6) Nov. 2017 pp 239-242 | 2017 | doi.org/10.22271/food | Rani Durgavati University | 01 |
| Process parameter optimization for Asparaginase | Anjana Sharma, Shubhi Mishra | Int. J. Curr. Microbiol app sci 2017) 6(7): | 2017 | 10.20546/ijcmas.2017.607.471 | Rani Durgavati University | 01 |

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|---|---|--|------|---|---------------------------|----|
| production from O. intermedium: A potential candidate for Acrylamide mitigation | | 4521-4531 | | | | |
| Municipal solid waste leachate impact on metabolic activity of wheat (Triticum aestivum L.) seedlings | Awasthi, A.K. Pandey, A.K. Khan, J. | Environmental Science and Pollution Research 24(20), pp. 17250-17254 | 2017 | 10.1007/s11356-017-9412-8 | Rani Durgavati University | 01 |
| Perspective: Status and Future of Analytical Chemistry in India | Verma, K.K. | Analytical Chemistry 89(3), pp. 1392-1398 | 2017 | https://doi.org/10.1021/acs.analchem.6b04188 | Rani Durgavati University | 01 |
| In vitro regeneration of Guizotia abyssinica Cass. And evaluation of genetic fidelity through RAPD markers | S. Baghal, Y.K. Bansal | South African Journal of Botany 109(2017)294-307 | 2017 | https://doi.org/10.1016/j.sajb.2017.01.002 | Rani Durgavati University | 01 |
| Westiellopsis ramose sp. nov , intensely branched species of Westiellopsis (cyanobacteria) from a freshwater habitat of Jabalpur, Madhya Pradesh | Prashant Singh , Neelam Dubey, Suvendra Nath Bagchi | Plant Syst. Evol. 1434-7 | 2017 | https://doi.org/10.1007/s00606-017-1434-7 | Rani Durgavati University | 01 |
| Antagonistic effect of Anabaena fertilissima CCC597 on pathogenic Vibrio cholerae propagating in association with cyanobacterial community in freshwater bodies of Eastern Madhya Pradesh | Trashi Singh , Prashant Chaturvedi & Suvendra Nath Bagchi | African Journal of Microbiology Research 2017 | 2017 | 10.5897/AJMR2017.8603 | Rani Durgavati University | 01 |
| Distribution of microcystin | Prashant Chaturvedi , | International Research | 2017 | | Rani Durgavati | |

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|---|--|---|------|--|---------------------------|--|
| synthetase genes in filamentous cyanobacterial phytoplankton and production of microcystin in water samples collected from Eastern Madhya Pradesh | Trashi Singh, & Suendra Nath Bagchi | Journal of Biological Science Vol 6 (2) , 22-29 feb 2017 | | | University | |
| Effect of salinity on Brassica rapa Var.toria (BRSRT) under selenium defence: A trial to assess the protective role of selenium | Akanksha Sao, Priya Saraf, Divya Bagchi | Acta agriculturae Slovenica, 109-3, december2017 | 2017 | | Rani Durgavati University | |
| Antioxidant modulation in response to selenium induced oxidative stress in unicellular cyanobacterium Synechococcus elongates PCC 7942 | Akanksha Sao, Priya Saraf, Divya Bagchi | African Journal of Microbiology Research Vol.11(33), pp.1321-1328,7 sept.2017 | 2017 | | Rani Durgavati University | |
| Asparaginase: A promising aspirant for mitigation of acrylamide in foods | Anjana Sharma, Shubhi Mishra | International Journal of Food Science and Nutrition Vol. 2, (6) Nov. 2017 pp208-214 | 2017 | | Rani Durgavati University | |
| Food preference og Gold Fish (Carassius auratus) with special reference towards Mosquito larvae under laboratory condition | Sunita Gupta , Mahima Tripathi and R.P. Mishra | Life Science Bulletin Dec.2017 Vol. 14(2):257-260 | 2017 | | Rani Durgavati University | |
| Study of solar transients causing GMSs with Dst \leq -100nT during the period 1999-2010 | Kumar, R. Pandey, N.K. Singh, G | Proceedings of Science | 2017 | | Rani Durgavati University | |

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|---|---|--|------|---|---------------------------|--|
| Conjoint experimental–theoretical evaluation of pyrone-salicylic acid hydrazone copper (II) Schiff base complexes: their synthesis, SOD and electrochemical fronts | JM Mir, PK Vishwakarma, RC Maurya | Journal of the Chinese Advanced Materials Society 6: 55-80 | 2018 | 6 (2018) 55-80. | Rani Durgavati University | |
| A new Ru (II) carbonyl complex of 2-benzoylpyridine : medicinal and material evaluation at the computational–experimental convergence | J. M. Mir, R. C. Maurya | Journal of the Chinese Advanced Materials Society 6: 156-168 | 2018 | DOI: 10.1080/2224368 2.2018.1442743 | Rani Durgavati University | |
| Oxovanadium (IV) complex of 8-hydroxy quinoline and 3-acetyl-6-methyl-2H-pyran-2, 4 (3H)-dione: Experimental, theoretical and antibacterial evaluation | J.M. Mir, DK Rajak, R.C. Maurya | Journal of King Saud University-Science | 2018 | | Rani Durgavati University | |
| <u>cis Dioxomolybdenum(VI) complex of N-o-hydroxyacetophenone-isonicotinic acid hydrazone as nosocomial anti-infectious agent: experimental and theoretical ...</u> | J. M. Mir, P. K. Vishwakarma, S. Roy & R. C. Maurya | Journal of the Chinese Chemical Society | 2018 | DOI: 10.1080/2224368 2.2018.146672 | Rani Durgavati University | |
| <u>Corrosion resistance and thermal behavior of acetylacetonato-oxoperoxomolybdenum (VI) complex of maltol: experimental and DFT studies</u> | Jan Mohammad Mir, RC Maurya, PK Vishwakarma | Karbala International Journal of Modern Science | 2017 | (2017)1-12 | Rani Durgavati University | |

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|---|--|---|------|--|---------------------------|--|
| <u>Urinary tract infection fighting potential of newly synthesized ruthenium carbonyl complex of N-dehydroacetic acid-N'-o-vanillin-ethylenediamine</u> | JM Mir, N Jain, BA Malik, R Chourasia, PK Vishwakarma, DK Rajak, RC Maurya | Inorganica Chimica Acta | 2017 | 467(2017)80-92 | Rani Durgavati University | |
| <u>Bacterial sensitivity and SOD behavior of N-pyrone glucosamine Schiff base Fe (III) complex: conjoint experimental-DFT evaluation</u> | JM Mir, DK Rajak, RC Maurya | Journal of Coordination Chemistry | 2017 | DOI: http://doi.org/10.1080/00958972 | Rani Durgavati University | |
| Density functionalized [Ru ^{II} (NO)(Salen)(Cl)] complex: Computational photodynamics and <i>in vitro</i> anticancer facets | Jan Mohammad Mir, N Jain, PS Jaget, RC Maurya | Photodiagnosis and photodynamic therapy 19: 363-374 | 2017 | (2017)1-12 | Rani Durgavati University | |
| A Novel low power Dynamic Barrel Shifter using Footed Diode Domino logic | M. Roopa Nandanim P. Mor & J. M. Keller | International Conference on current Trends in Computer Electrical, Electronics and Communication (ICCTCEE) pp 367-372 | 2017 | | Rani Durgavati University | |
| Performance Analysis of Differential Dynamic CMOS Logic | M. Roopa Nandanim P. Mor & J. M. Keller | International Journal of Electronics, Electrical and Computational System – IJEECE Vol 6, Issue 8, pp 69-74 | 2017 | | Rani Durgavati University | |
| Dynamic CMOS Multiplexer | M. Roopa Nandanim P. Mor & J. M. Keller | International Journal of Advanced Research in Science & Engineering | 2017 | | Rani Durgavati University | |

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|--|---|--|------|--|--|---------------------------|
| | | Vol. 6 Issue 8, pp 1233 - 1239 | | | | |
| Reverse indentation size effects in gamma irradiated blood compatible blend films of chitosan-poly (vinyl alcohol) for possible medical applications | Bisen, DS; Bhatt, Rinkesh; Bajpai, AK; Bajpai, R; Katara, R | Materials Science and Engineering: C, Vol.71, Page 982-993 | 2017 | | | Rani Durgavati University |
| Topological and morphological analysis of gamma rays irradiated chitosan-poly (vinyl alcohol) | Bhatt, Rinkesh; Bisen, DS; Bajpai, R; | Radiation Physics and Chemistry, Vol.133, Page 81-85 | 2017 | | | Rani Durgavati University |

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

| Title of the paper | Name of the author | Title of the journal | Year of publication | h-index | Number of citations excluding self citations | Instititunal affiliation as mentioned in the publication |
|---|--|---|---------------------|---------|--|--|
| Long-term trend and variability of precipitation in Chhattisgarh State, India | Meshram, S.G.Singh, V.P. Meshram, C. | Theoretical and Applied Climatology 129(3-4), pp. 729-744 | 2017 | 5.5 | 16 | Rani Durgavati University |
| Trend analysis of precipitation in Jharkhand State, India: Investigating precipitation variability in Jharkhand State | Chandniha, S.K. Meshram, S.G. Adamowski, J.F. Meshram, C. | Theoretical and Applied Climatology 130(1-2), pp. 261-274 | 2017 | | 15 | Rani Durgavati University |
| Phylogenetic ally distant clade of Nostoc –like taxa with the description of Aliinostoc gen. nov. and Aliinostoc morphoplasti | Suvendra Nath Bagchi et.al. | Int. J. Syst.Evol. Microbiol DDI 10 1099/ | 2017 | | 11 | Rani Durgavati University |

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|--|---|--|------|--|----|---------------------------|
| cum sp.nov. | | | | | | |
| Hot springs of Indian Himalayas: potential sources of microbial diversity and thermostable hydrolytic enzymes | Sahay, H. Yadav, A.N. Singh, A.K. Kaushik, R. Saxena, A.K. | 3 Biotech 7(2),118 | 2017 | | 09 | Rani Durgavati University |
| A secure key authentication scheme for cryptosystems based on GDLP and IFP | Meshram, C. Lee, C.-C. Li, C.- T. Chen, C.-L. | Soft Computing 21(24), pp. 7285- 7291 | 2017 | | 06 | Rani Durgavati University |
| Combined headspace single-drop microextraction and solid-phase microextraction for the determination of phenols as their methyl ethers by gas chromatography-mass spectrometry | Jain, A. Soni, S. Reddy-Noone, K. Pillai, A.K.K.V. Verma, K.K. | Analytical Methods 9(46), pp. 6590- 6598 | 2017 | | 05 | Rani Durgavati University |
| Equivalent circuit models using CPE for impedance spectroscopy of electronic ceramics | Pandey, S. Kumar, D. Parkash, O. Pandey, L | Integrated Ferroelectrics 183(1), pp. 141-162 | 2017 | | 04 | Rani Durgavati University |
| An eco-friendly approach for minimizing pollution of metal from | Awasthi, A.K. Pandey, A.K. | Journal of Cleaner Production 140, pp. 1618-1625 | 2017 | | 04 | Rani Durgavati University |

| | | | | | | |
|--|---|---|------|--|----|---------------------------|
| municipal solid waste leachate in India | Khan, J. | | | | | |
| Induced pluripotent stem cell technology: A paradigm shift in medical science for drug screening and disease modeling | Nair, M. Sandhu, S.S. Sharma, A.K. | Current Medicinal Chemistry24 (39), pp. 4368-4398 | 2017 | | 03 | Rani Durgavati University |
| Potential of fungus Trichoderma harzianum for toxicity reduction in municipal solid waste leachate | Awasthi, A.K. Pandey, A.K. Khan, J. | International Journal of Environmental Science and Technology 14(9), pp. 2015- 2022 | 2017 | | 03 | Rani Durgavati University |
| A preliminary report of indigenous fungal isolates from contaminated municipal solid waste site in India | Awasthi, A.K. Pandey, A.K. Khan, J. | Environmental Science and Pollution Research 24(9), pp. 8880-8888 | 2017 | | 03 | Rani Durgavati University |
| Preliminary evaluation of arginine deaminase activity of indigenous bacterial strains for suitable chemotherapeutic applications | Anjana Sharma, Kiran Bala Islam Husain | Biocatalysis and Agricultural Biotechnology 12(2017) 66-77 | 2017 | | 02 | Rani Durgavati University |
| Arginase purified from endophytic | Islam Husain, Kiran Bala, Abubakar | Chemico Biological Interaction 274(2017)35- | 2017 | | 02 | Rani Durgavati University |

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|---|--|--|------|--|----|---------------------------|
| Pseudomonas aeruginosa IH2: Induce apoptosis through both cell cycle arrest and MMP loss in human leukemic HL-60 cells | Wani Ubaid Makhdoomi, Fayaz Malik, Anjana Sharma | 49 | | | | |
| Evaluation of Antitumor Activity of Glutaminase Free Periplasmic Asparaginase from Indigenous Bacterial Isolates as Candidates for Cancer Therapy | Sharma, A. Husain, I. | Proceedings of the National Academy of Sciences India Section B - Biological Sciences 87(3), pp. 997-1004 | 2017 | | 02 | Rani Durgavati University |
| Entropy-Controlled Cu(II)-Catalyzed Oxidation of N-Acetyl-L-Cysteine by Methylene Blue in Acidic Medium | Sharma, R. Pal, M. Mishra, K.K. | Zeitschrift fur Physikalische Chemie 231(6), pp. 1093- 1109 | 2017 | | 02 | Rani Durgavati University |
| Biosorption an innovative tool for bioremediation of metal-contaminated municipal solid waste leachate: optimization and mechanismsexploration | Awasthi, A.K. Pandey, A.K. Khan, J. | International Journal of Environmental Science and Technology 14(4), pp. 729-742 | 2017 | | 02 | Rani Durgavati University |
| Estimation of guggulsterone e and Z in the Guggul-based commercial formulations using high-performance thin-layer | Sairkar, P.K. Sharma, A. Shukla, N.P. | Journal of Pharmacy and Bioallied Sciences 9(1), pp. 1-7 | 2017 | | 02 | Rani Durgavati University |

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|--|---|---|------|--|----|---------------------------|
| chromatography | | | | | | |
| In Vitro evaluation of anticoagulant and antibacterial activities of Capsicum annum PUSA JWALA | Anjana Sharma, Shweta Golhani | International Journal of Food Science and Nutrition Vol 2: (6) Nov. 2017 pp 239-242 | 2017 | | 01 | Rani Durgavati University |
| Process parameter optimization for Asparagine production from O. intermedium : A potential candidate for Acrylamide mitigation | Anjana Sharma , Shubhi Mishra | Int. J. Curr. Microbiol app sci 2017) 6(7): 4521-4531 | 2017 | | 01 | Rani Durgavati University |
| Municipal solid waste leachate impact on metabolic activity of wheat (Triticum aestivum L.) seedlings | Awasthi, A.K. Pandey, A.K. Khan, J. | Environmental Science and Pollution Research 24(20), pp. 17250- 17254 | 2017 | | 01 | Rani Durgavati University |
| Perspective: Status and Future of Analytical Chemistry in India | Verma, K.K. | Analytical Chemistry 89(3), pp. 1392-1398 | 2017 | | 01 | Rani Durgavati University |
| In vitro regeneration of Guizotia abyssinica Cass. And evaluation of genetic fidelity through RAPD markers | S. Baghal, Y.K. Bansal | South African Journal of Botany 109(2017)29 4-307 | 2017 | | 01 | Rani Durgavati University |
| Westiellopsis ramose sp. nov , intensely branched species of | Prashant Singh ,Neelam Dubey, Suvendra | Plant Syst. Evol. 1434-7 | 2017 | | 01 | Rani Durgavati University |

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|---|--|---|------|--|----|---------------------------|
| Westiellopsis (cyanobacteria) from a freshwater habitat of Jabalpur, Madhya Pradesh | Nath Bagchi | | | | | |
| Antagonistic effect of Anabaena fertilissima CCC597 on pathogenic Vibrio cholerae propagating in association with cyanobacterial community in freshwater bodies of Eastern Madhya Pradesh | Trashi Singh , Prashant Chaturvedi & Suvendra Nath Bagchi | African Journal of Microbiology Research 2017 | 2017 | | 01 | Rani Durgavati University |
| Distribution of microcystin synthetase genes in filamentous cyanobacterial phytoplankton and production of microcystin in water samples collected from Eastern Madhya Pradesh | Prashant Chaturvedi , Trashi Singh, & Suvendra Nath Bagchi | International Research Journal of Biological Science Vol 6 (2) , 22-29 feb 2017 | 2017 | | | Rani Durgavati University |
| Effect of salinity on Brassica rapa Var.toria (BRSRT) under selenium defence: A trial to assess the protective role of selenium | Akanksha Sao, Priya Saraf, Divya Bagchi | Acta agriculturae Slovenica, 109-3, december 2017 | 2017 | | | Rani Durgavati University |

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|--|---|---|------|--|--|---------------------------|
| Antioxidant modulation in response to selenium induced oxidative stress in unicellular cyanobacterium <i>Synechococcus elongatus</i> PCC 7942 | Akanksha Sao, Priya Saraf, Divya Bagchi | African Journal of Microbiology Research Vol.11(3), pp.1321-1328,7 sept.2017 | 2017 | | | Rani Durgavati University |
| Asparagine: A promising aspirant for mitigation of acrylamide in foods | Anjana Sharma, Shubhi Mishra | International Journal of Food Science and Nutrition Vol. 2, (6) Nov. 2017 pp208-214 | 2017 | | | Rani Durgavati University |
| Food preference of Gold Fish (<i>Carassius auratus</i>) with special reference towards Mosquito larvae under laboratory condition | Sunita Gupta, Mahima Tripathi and R.P. Mishra | Life Science Bulletin Dec.2017 Vol. 14(2):257-260 | 2017 | | | Rani Durgavati University |
| Study of solar transients causing GMSs with $Dst \leq -100nT$ during the period 1999-2010 | Kumar, R. Pandey, N.K. Singh, G | Proceedings of Science | 2017 | | | Rani Durgavati University |
| Conjoint experimental-theoretical evaluation of pyrone-salicylic acid hydrazide copper (II) Schiff base complexes: their synthesis, SOD and electrochemical fronts | JM Mir, PK Vishwakarma, RC Maurya | Journal of the Chinese Advanced Materials Society | 2018 | | | Rani Durgavati University |

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|---|---|---|------|--|--|---------------------------|
| A new Ru (II) carbonyl complex of 2-benzoylpyridine: medicinal and material evaluation at the computational-experimental convergence | J. M. Mir, R. C. Maurya | Journal of the Chinese Advanced Materials Society | 2018 | | | Rani Durgavati University |
| Oxovanadium (IV) complex of 8-hydroxy quinoline and 3-acetyl-6-methyl-2H-pyran-2,4 (3H)-dione: Experimental, theoretical and antibacterial evaluation | J.M. Mir, DK Rajak, R.C. Maurya | Journal of King Saud University-Science | 2018 | | | Rani Durgavati University |
| <u>cis Dioxomolybdenum(VI) complex of N-o-hydroxyacetophenone-isonicotinic acid hydrazide as nosocomial anti-infectious agent: experimental and theoretical ...</u> | J. M. Mir, P. K. Vishwakarma, S. Roy & R. C. Maurya | Journal of the Chinese Chemical Society | 2018 | | | Rani Durgavati University |
| <u>Corrosion resistance and thermal behavior of acetylacetonato-oxoperoxomolybdenum (VI) complex of maltol: experimental and DFT</u> | Jan Mohammad Mir, RC Maurya, PK Vishwakarma | Karbala International Journal of Modern Science | 2017 | | | Rani Durgavati University |

| | | | | | | |
|---|--|--|------|--|--|---------------------------|
| <u>studies</u> | | | | | | |
| <u>Urinary tract infection fighting potential of newly synthesized ruthenium carbonyl complex of N-dehydroacetic acid-N'-o-vanillin-ethylenediamine</u> | JM Mir, N Jain, BA Malik, R Chourasia, PK Vishwakarma, DK Rajak, RC Maurya | Inorganica Chimica Acta | 2017 | | | Rani Durgavati University |
| <u>Bacterial sensitivity and SOD behavior of N-pyrone glucosamine Schiff base Fe (III) complex: conjoint experimental -DFT evaluation</u> | JM Mir, DK Rajak, RC Maurya | Journal of Coordination Chemistry | 2017 | | | Rani Durgavati University |
| Density functionalized [RuII (NO)(Salen) (Cl)] | Jan Mohammad Mir, N Jain, PS Jaget, RC Maurya | Photodiagnosis and photodynamic therapy | 2017 | | | Rani Durgavati University |
| A Novel low power Dynamic Barrel Shifter using Footed Diode Domino logic | M. Roopa Nandanani P. Mor & J. M. Keller | International Conference on current Trends in Computer Electrical, Electronics and Communication (ICCTCEEC) pp 367-372 | 2017 | | | Rani Durgavati University |
| Performance Analysis of Differential Dynamic CMOS Logic | M. Roopa Nandanani P. Mor & J. M. Keller | International Journal of Electronics, Electrical and Computational System – IJEECE Vol 6, Issue 8, pp | 2017 | | | Rani Durgavati University |

| | | | | | | |
|--|---|---|------|-----|----|---------------------------|
| | | 69-74 | | | | |
| Dynamic CMOS Multiplexer | M. Roopa Nandanim P. Mor & J. M. Keller | International Journal of Advanced Research in Science & Engineering Vol. 6 Issue 8, pp 1233 - 1239 | 2017 | | | Rani Durgavati University |
| Reverse indentation size effects in gamma irradiated blood compatible blend films of chitosan-poly (vinyl alcohol) for possible medical applications | Bisen, DS; Bhatt, Rinkesh; Bajpai, AK; Bajpai, R; Katare, R | Materials Science and Engineering: C, Vol.71, Page 982-993 | 2017 | | | Rani Durgavati University |
| Topological and morphological analysis of gamma rays irradiated chitosan-poly (vinyl alcohol) | Bhatt, Rinkesh; Bisen, DS; Bajpai, R; | Radiation Physics and Chemistry, Vol.133, Page 81-85 | 2017 | | | Rani Durgavati University |
| Long-term trend and variability of precipitation in Chhattisgarh State, India | Meshram, S.G. Singh, V.P. Meshram, C. | Theoretical and Applied Climatology 129(3-4), pp. 729- 744 | 2017 | 5.5 | 16 | Rani Durgavati University |

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

| No. of Faculty | International level | National level | State level | Local level |
|------------------------------|------------------------------|----------------|-------------|-------------|
| Attended Seminars/ Workshops | Attended Seminars/ Workshops | 14 | 72 | 16 |
| Presented papers | Presented papers | 06 | 54 | 16 |
| Resource Persons | Resource Persons | 04 | 07 | 08 |

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) |
|--------------------------------------|-----------------------------|------------------------------|--------------------------------------|
| NA | NA | NA | NA |

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

| Name of the Consultant(s) & Department | Title of the Programme | Agency seeking training | Revenue generated (amount in rupees) | Number of trainees |
|--|------------------------|-------------------------|--------------------------------------|--------------------|
| NA | NA | NA | NA | NA |

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 coordinated in such activities | Number of students participated in such activities |
|--|---|---|--|
| स्वच्छ भारत अभियान | NSS UNITS | 415 | 11110 |
| बेटी बचाओ अभियान | NSS UNITS | 220 | 100852 |
| मतदाता जागरूकता | NSS UNITS | 670 | 12714 |
| खाद्यान्न के दुरुपयोग को रोकने के लिए जागरूकता | NSS UNITS | 385 | 4035 |
| प्लास्टिक मुक्त म0प्र0 कार्यक्रम | NSS UNITS | 260 | 11394 |
| स्तनपान, पोषण आहार संबंधी जागरूकता | NSS UNITS | 204 | 5204 |
| हाथ धुलाई दिवस | NSS UNITS | 364 | 7210 |

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 | No. of Students benefited |
|-------------------------------------|------------------------|-----------------|---------------------------|
| म0प्र0 राज्य स्तरीय रासेयो पुरस्कार | State Award | M.P. Govt. | 01 |
| म0प्र0 राज्य स्तरीय रासेयो पुरस्कार | State Award | M.P. Govt. | 01 |
| म0प्र0 राज्य स्तरीय रासेयो पुरस्कार | State Award | M.P. Govt. | 01 |
| म0प्र0 राज्य स्तरीय रासेयो पुरस्कार | State Award | M.P. Govt. | 01 |
| म0प्र0 राज्य स्तरीय रासेयो पुरस्कार | State Award | M.P. Govt. | 01 |
| इंदिरा गांधी रासेयो पुरस्कार | State Award | M.P. Govt. | 01 |
| स्वच्छ भारत समर इंटरनेशनल पुरस्कार | University Level Award | Govt. Of India | 05 |
| स्वच्छ भारत समर इंटरनेशनल पुरस्कार | University Level Award | Govt. Of India | 06 |
| स्वच्छ भारत समर इंटरनेशनल पुरस्कार | University Level Award | Govt. Of India | 10 |

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 coordinated in such activities | Number of students participated in such activities |
|-----------------------------|---|--------------------------|---|--|
| Various Awareness Programme | NSS UNITE | राजशेखर समारोह | 30 | 332 |
| Various Awareness Programme | NSS UNITE | आधार शिला दिवस कार्यक्रम | 25 | 325 |
| Various Awareness | NSS UNITE | म0प्र0 दिवस | 32 | 1817 |

| | | | | |
|-----------------------------|-----------|---|----|------|
| Programme | | | | |
| Various Awareness Programme | NSS UNITE | रानी दुर्गावती बलिदान दिवस | 43 | 1963 |
| Various Awareness Programme | NSS UNITE | विश्वविद्यालय चलो अभियान | 20 | 361 |
| Various Awareness Programme | NSS UNITE | विश्व स्तनपाल एवं पोषण आहार जागरूकता अभियान | 42 | 4272 |
| Various Awareness Programme | NSS UNITE | विश्वविद्यालय स्तरीय युवा उत्सव | 35 | 800 |
| Various Awareness Programme | NSS UNITE | अंतराष्ट्रीय योग दिवस | 90 | 420 |

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 |
|--------------------|-------------|-----------------------------|----------|
| NA | NA | NA | NA |

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-To) | participant |
|-------------------|----------------------|---|-----------------------|-------------|
| | Internship | (1) Pt. Lajja Shankar Jha Utkrisht Vidhyalaya. (2) Madhyamik Shala, Belbagh .l (3) Bidambai Kanya Uchatar Madhyamik shala | August - October 2017 | 80 |

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 and Activities | Number of students/teachers participated under MoUs |
|--------------|--------------------|------------------------|---|
| NA | NA | NA | NA |

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 |
|--|--|
| 10,06,24,000 | 2,07,20,459 |

4.1.2 Details of augmentation in infrastructure facilities during the year

| Facilities | Existing | Newly added |
|-----------------------------------|---------------|-------------|
| Campus area | 99.6343 Acres | NA |
| Class rooms | 72 | 03 |
| Laboratories | 48 | 01 |
| Seminar Halls | 19 | NA |
| Classrooms with LCD facilities | 12 | NA |
| Classrooms with Wi-Fi/ LAN | 15 | NA |
| Seminar halls with ICT facilities | 10 | NA |
| Video Centre | 01 | NA |

| | | | | | | | | | |
|---|---|---|---------------------------------------|-------------------------------|------------------|-----------|-------------|------------------------------|--------|
| No. of important equipments purchased ($\geq 1-0$ lakh) during the current year. | 29 | 19 | | | | | | | |
| Value of the equipment purchased during the year (Rs. in Lakhs) | 61534017 | 5856800 | | | | | | | |
| Others | NA | NA | | | | | | | |
| 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 | | | | | | |
| Softgranth | Partially | Premium | 2014 | | | | | | |
| 4.2.1 Library Services: | | | | | | | | | |
| | Existing | | Newly added | Total | | | | | |
| | No. | Value | No. | Value | No. | Value | | | |
| Text Books | 11081 | 91,73,391 | - | - | 11081 | 91,73,391 | | | |
| Reference Books | NA | NA | NA | NA | NA | NA | | | |
| e-Books | NA | NA | NA | NA | NA | NA | | | |
| Journals | NA | NA | NA | NA | NA | NA | | | |
| e-Journals | NA | NA | NA | NA | NA | NA | | | |
| Digital Database | NA | NA | NA | NA | NA | NA | | | |
| CD & Video | NA | NA | NA | NA | NA | NA | | | |
| Library automation | NA | NA | NA | NA | NA | NA | | | |
| Weeding (Hard & Soft) | NA | NA | NA | NA | NA | NA | | | |
| Others (specify) | NA | NA | NA | NA | NA | NA | | | |
| 4.2.2 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 | | | | | |
| NA | NA | | NA | NA | | | | | |
| 4.3 IT Infrastructure | | | | | | | | | |
| 4.3.1 Technology Upgradation (overall) | | | | | | | | | |
| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Departments | Available band width (MGBPS) | Others |
| Existing | 200 Approx | MBA MCA MATHS BIO SCIENCE CHEMISTRY PHYSICS | 1 GBPS | ALL DEPARTMENT | 01 | | | 1 GBPS | NA |
| Added | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Total | 200 | NA | NA | NA | NA | NA | NA | NA | NA |
| 4.3.2 Bandwidth available of internet connection in the Institution (Leased line) | | | | | | | | | |
| 1GBPS | | | | | | | | | |

| | | | |
|--|--|--|--|
| 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 | |
| NA | | NA | |
| 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 |
| 2,00,00,000 | 1,33,51,306 | NA | NA |
| 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) | | | |
| <p>Institute has well defined policy for maintenance and utilization of all its physical and academic facility which includes use of equipments in various laboratories, use of e-library facility, access to e-journals of the institute through internet login and password, use of computers in information processing centers and departmental laboratories. Maintenance of the computers is carried out by appointing external agencies which take cares of installing software's, operating systems and other applications on all the computers of the institute. AMC of the computers also involves replacement of faulty hardwares and or addition of the hardware augmenting the system configurations. Equipments in all the laboratories are also maintain through annual maintenance contracts avoided to either manufacturers or their agents. All classrooms, seminar halls, Building, Hostel, Residential Area are maintained under the supervision of University Engineer.</p> <p>Students are encouraged to participate in extra and co-curricular activities and sport activities and their participation in Institutional and National and International competitions</p> | | | |
| 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 | Post Metrics (M.P.)Scholarship | 347 | 5456012 |
| | Medhavi Yojna | 06 | 219500 |
| | Medhavi Jankalyan Yojna | --- | --- |
| Financial support from other sources | | | |
| a) National | JRF RGNF MNF JROBC | 148 | 50,0000/- Per Month |
| b) International | Nil | Nil | Nil |
| 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 |
| GST Programme | 2018 | 32 | RDVV |

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 by Guidance for Competitive examination | Number of benefited students by Career Counselling activities | Number of students who have passed in the competitive exam | Number of students placed |
|---------|---|---|---|--|---------------------------|
| 2017 | Guidance & Counselling | 25 Approx | 20 Approx | 10 Approx | 30 Approx |
| 2018 | Workshop on Campus Preparation | 03 | 11 | 07 | 04 |
| 2018 | Workshop on research methodology | 15 | 18 | 04 | 02 |
| 2017-18 | Guidance and career counselling given by the Department | 11 Selected and 04 in waiting in Assistant professor examination conducted by MPPSC 2017-18 | 11 | 11 | Joining Awaited |
| 2017-18 | Remedial | 23 | | Nil | Nil |

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 | No. of grievances redressed | Average number of days for grievance redressal |
|---------------------------|-----------------------------|--|
| 10 | 10 | One Month |

5.2 Student Progression

5.2.1 Details of campus placement during the year

| Name of Organizations Visited | On campus | | Off Campus | | |
|--|---------------------------------|--------------------------------------|-------------------------------|---------------------------------|---------------------------|
| | Number of Students Participated | Number of Students Placed | Name of Organizations Visited | Number of Students Participated | Number of Students Placed |
| 1. Asian Research House Indore, 2. Assist Click, 3. Teleperformance, 4. HDFC, 5. Excellent Bio Research, 6. SAMVEDNA GROUP, 7. RUPRA COMPUTERS, 8. AIGIS Inet Pvt. Ltd, 9. R.N. Nema Company, 10. Yahoo & Microsoft, 11. BBB (MOTIVE & E-Tech) | 766 | UTD – 28 Other Colleges - 234 | NIL | NIL | NIL |

| | | | | | |
|---|-----|---------------------------------------|-----|-----|-----|
| <ol style="list-style-type: none"> 1. AXIS BANK 2. ASSIST CLICK 3. DHFL Pramerica Life 4. HDFC LIFE 5. VENTURA 6. VIJAY LEKH 7. PUT-ON –CART 8. LAXMI EDUCATION 9. APTECH AVIATION 10. SAMVEDNA GROUP 11. ACROR Learning Pvt. Ltd. 12. EDEILWEIS TOKYO 13. BBB (MOTIVE & E TECH) 14. CIS 15. HGS 16. CAPITAL ERA 17. TELEPERFORMANCE 18. EPISOURCE 19. Reliable Bio Tech (Agri) jbp 20. Shri Laxmi Enterprise 21. Edwin Group of Companies 22. Hinduja Global Solution | 550 | UTD – 110 Other Colleges - 140 | NIL | NIL | NIL |
|---|-----|---------------------------------------|-----|-----|-----|

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 | 36% | UG & PG | School Edu. Econo. | RDVV | PG, Ph.D. |

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 | No. of Students selected/ qualifying | Registration number/roll number for the exam |
|---------------------------|--------------------------------------|--|
| NET | 08 | NA |
| SET | 07 | NA |
| SLET | NA | NA |
| GATE | NA | NA |
| GMAT | NA | NA |
| CAT | NA | NA |
| GRE | NA | NA |
| TOFEL | NA | NA |
| Civil Services | 05 | NA |
| State Government Services | 16 | NA |
| Any Other | 08 | NA |

| 5.2.4 Sports and cultural activities / competitions organised at the institution level during the year | | |
|--|---|--|
| Activity | Level | Participants |
| Cultural | Inter College/University Level -- Organize every Year | Max 69 Participants form each college |
| | Inter District University Level Eight District) -- Organize every Year | Max 69 Participants form each District |
| | Inter University State Youth | Max 69 Participants form each University- Participated |
| | Zonal Youth Festival | Max 42 Contingent size - Participated |
| | National Youth Festival | Max 42 Contingent size - 21 Students Participated |

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/ International | Sports | Cultural | Student ID number | Name of the student |
|---------|--------------------------|-------------------------|--------|----------------------------|-------------------|---------------------|
| 2017-18 | Overall Champion Ship | State Level | | क्विज(प्रश्नमंच | | इकबाल खान |
| | | | | वक्तृता | | रिचा बिस्वाल |
| | | | | वाद-विवाद | | अभिषेक पटेल |
| | | | | | | कु० मंजीता गौतम |
| | | | | रांगोली | | कु० मंजीता गौतम |
| | | | | कार्टून | | श्रेया तिवारी |
| | | | | क्ले मॉडलिंग | | तृष्णा कछवाहा |
| | | | | पेंटिंग | | प्रियंका साहू |
| | | | | पोस्टर निर्माण | | मनोज सोनी |
| | | | | कोलॉज | | प्रवीण झारिया |
| | | | | एकल गायन(पाश्चात्य) | | अभय चाको |
| | | | | समूह गायन(पाश्चात्य शैली) | | कु० सुरिमाता पन्डे |
| | | | | | | शुभांगी दिमोले |
| | | | | | | पारुल वर्मा |
| | | | | | | साक्षी पटेवार |

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|--|--|--|--|--|--|-----------------------------------|
| | | | | | | वैषनवी दुबे |
| | | | | | | श्रद्धा नामदेव |
| | | | | समूह गायन (भारतीय शैली) | | शुभांगीढिमोले |
| | | | | | | सानवी श्रीवास्तव |
| | | | | | | तन्मय अग्रवाल |
| | | | | | | आदित्य उसरेटे |
| | | | | | | हरमन सिंह कोहली |
| | | | | | | शाजी अहमद |
| | | | | शास्त्रीय गायन एकल | | दामिनी सोनी |
| | | | | सुगम गायन एकल | | राजश्री कोरी |
| | | | | ताल वाद्य(एकल शास्त्रीय वादन)(परकुष) | | तन्मय अग्रवाल |
| | | | | एकल वादन तन्तु/सुषिर वाद्य | | कु0 साजी अहमद |
| | | | | शास्त्रीय नृत्य(एकल) | | यष दुबे |
| | | | | लोक नृत्य/समूह नृत्य | | कु0 अंजली गौड |
| | | | | | | कु0 अरुसा नायक |
| | | | | | | हर्ष सोनकर अजय ठाकुर |
| | | | | | | हर्ष श्रीवास्तव |
| | | | | | | शैलेन्द्र मरावी |
| | | | | | | प्रतिमा मिश्रा |
| | | | | | | इंगिता मरावी |
| | | | | मिमिक्री | | देषना |

| | | | | | | |
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| | | | | माझम | | निकिता मिश्रा |
| | | | | | | चित्राषु श्रीवास्तव |
| | | | | | | स्वरूप चौधरी |
| | | | | | | अथिरा |
| | | | | | | वैषाली गुप्ता |
| | | | | स्किट | | अनुषा ए नायर |
| | | | | | | हेमा हल्दकार |
| | | | | | | अमित झारिया |
| | | | | | | सत्यार्थ शुक्ला |
| | | | | | | विनय चौधरी |
| | | | | नाटक | | अमन कुषवाहा |
| | | | | | | स्वरूप चौधरी |
| | | | | | | अमित झारिया |
| | | | | | | सत्यार्थ शुक्ला |
| | | | | | | विनय चौधरी |
| | | | | | | अमन कुषवाहा |
| | | | | | | स्वरूप चौधरी |
| | | | | | | अथिरा |
| | | | | | | अनुश्री गर्ग |
| | | | | स्किट | | मनुश्री गर्ग |
| 2017-18 | | Zonal | | | | सत्यार्थ शुक्ला |
| | | | | | | अमन कुषवाहा |
| | | | | | | अथिरा |
| | | | | समूह गायन(पाश्चात्य | | अनुश्री गर्ग |

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|---------|--|----------|--|----------------------------|--|------------------|
| | | | | शैली) | | |
| | | | | | | मनुश्री गर्ग |
| | | | | | | पारुल वर्मा |
| | | | | | | साक्षी पटेवार |
| | | | | | | वैषनवी दुबे |
| | | | | | | श्रद्धा नामदेव |
| | | | | एकल गायन(पाश्चात्य) | | शुभांगी ढिमोले |
| | | | | पोस्टर निर्माण | | सानवी श्रीवास्तव |
| | | | | नाटक | | शुभांगी ढिमोले |
| | | | | | | अभय चाको |
| | | | | | | अमित झारिया |
| | | | | | | सत्यार्थ शुक्ला |
| | | | | | | विनय चौधरी |
| | | | | | | अमन कुषवाहा |
| | | | | | | स्वरूप चौधरी |
| | | | | | | अथिरा |
| | | | | स्किट | | अनुश्री गर्ग |
| | | | | | | मनुश्री गर्ग |
| 2017-18 | | National | | | | सत्यार्थ शुक्ला |
| | | | | | | अमन कुषवाहा |
| | | | | | | अथिरा |
| | | | | समूह गायन(पाश्चात्य शैली) | | अनुश्री गर्ग |
| | | | | | | मनुश्री गर्ग |
| | | | | | | पारुल वर्मा |

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|--|--------------------------|----------------------|-----------------|---------------------|-----------|-----------------|
| | | | | | | साक्षी पट्टेवार |
| | | | | | | वैषनवी दुबे |
| | | | | | | श्रद्धा नामदेव |
| | | | | एकल गायन(पाश्चात्य) | | शुभांगी ढिमोले |
| | | | | वक्तृता | | |
| | | | | वाद-विवाद | | |
| | Winner | WZ Inter University | Hand ball (M) | | Team Game | Team Game |
| | 3 rd position | WZ Inter University | Volley Ball (M) | | Team Game | Team Game |
| | Winner | All India University | Hand ball (M) | | Team Game | Team Game |
| | Gold | All India University | Wushu | | ----- | Poornima Rajak |
| | Silver | All India University | Wushu | | ----- | Purvi Soni |
| | Bronze | All India University | Wushu | | ----- | Shakshi Jatav |

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

The university has 53 subjects and each subject has a Board of studies which periodically monitors the course content intake issues evaluation and promotional aspects of the subject. The 53 Board of studies consists if a member who is a student pursuing 10same subject. BOS is held every six months and students participation is exemplary, There ensuring the maximum academic framework. The Anti Ragging committee constituted at the department level has a representation from the student. the 32 department in the university all have a functioning Anti ragging committee and the inclusion of a student at their level ensures the transparent working of the committee ensuring the fact and speedy disposal of complaints of ragging if any.

5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words):

Yes

Year of establishment 2002

Members:

Co-ordinator - Prof. Alka Nayak

DSW - Member

Co-ordinator - IQAC Member

Dr. Kamlesh Mishra

Dr. S.K Choubey - Member

Dy. Registrar Academics - Member

Incharge - Public Relation & Media cell – member

Dr. Lokesh Shrivastva - member

Incharge Cultural Cell - member

5.3.2 No. of registered Alumni:

217

| |
|---|
| 5.3.3 Alumni contribution during the year (in Rupees) : |
| Rs. 210,000/- (Two lakh ten thousand only) |
| 5.3.4 Meetings/activities organized by Alumni Association : |
| 05 |
| 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) |
| <ul style="list-style-type: none"> • Modelling a University towards knowledge creation needs a system where all stakeholders of the society, especially teachers, students and alumni, which can work collaboratively towards creation of new knowledge, both, basic and applied. Research needs to be promoted for better quality of life. • Universities were recognized as temples of knowledge. Universities are a place of knowledge creation and dissemination that fills lives of people with joy and happiness. • My primary focus will be to create an environment to nurture research and innovation within the faculty. • Moreover, my efforts would be to collaborate with best global labs and other Universities and exchange of human and material resources. By doing this, a supportive system towards securing intellectual property rights and commercialization opportunity for inventors can be created. Needless to say, it also includes setting up of a reward system. • I would take an extra effort to bring funds to the University and make use of the funds to generate a research consortium that can deliver. Moreover, my efforts would be to collaborate with best global labs and other Universities and exchange of human and material resources. By doing this, a supportive system towards securing intellectual property rights and commercialization opportunity for inventors can be created. Needless to say, it also includes setting up of a reward system. • Universities need to craft academic processes that include teaching-learning process, state-of-art curriculum and evaluation process. • I shall try to involve effective feedback mechanism and inputs from various stakeholders and peers in shaping the curricula at par with premier institutions. • My efforts will also be to bring eminent Professors and academicians at different capacities to participate in the overall improvement of teaching programmes. |
| 6.1.2 Does the institution have a Management Information System (MIS)? |
| Yes/No/Partial: |
| Partial |
| 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): |
| <ul style="list-style-type: none"> • Curriculum Development All departments are practicing autonomy for Curriculum designing, implementation, and evaluation. • Departments are vested with the power of designing, developing and modifying the course contents as well as for the addition/deletion of courses as per the need. This is done through a departmental committee meeting- wherein a curriculum of all the courses are discussed at length- followed by peer review by experts and other stakeholders before finalizing syllabi for a particular course. |
| ❖ Teaching and Learning |
| <ul style="list-style-type: none"> • Class room teaching is supplemented by assignments, class seminars, practicals, Case Study, Field visits, Live Projects, Group Activities, and Quiz etc. • Multimedia projectors and other ICT facilities are used to disseminate the knowledge. • Innovative evaluation practices are undertaken by considering the classroom presentations, |

lectures etc.

- Project/internship is a compulsory 4 credit course in each of the PG course in most of the departments. Various workshops are organized time to time for enhancing the skills of students.
- Overall assessment of students by the external expert and department teachers is carried out during comprehensive viva voce examination
- Creation of learning environment in classes which includes critical thinking, case analysis and creativity.
- Remedial classes are organized for slow learners. The weak students are identified after class tests and during personal interactions with them. Extra classes are arranged for these slow/weak learners.
- An Orientation program is organized for fresher students every year before commencement of classes.
- Motivation lectures are organized regularly for fresher students.
- Annual cultural fest and sports fest and other co curricular activities are organized as per the declared schedule in academic session.

- **Examination and Evaluation** Ordinance 4, 5, 6 and 222 are in practice for the conduct of Examination and Evaluation.
- The CCE and end semester examination are conducted as per semester schedule. Three Internal Tests and one External Examination are conducted in each semester. In addition to the theory examination, evaluation of students is done through rigorous comprehensive viva voce at the end of semester examination.
- In order to show the examination answer scripts to the students, their Evaluation is done before the comprehensive viva voce.
- Transparent evaluation is ensured by compulsory display of Internal and Semester examination answer scripts to the students.

- **Research and Development** Research work of many faculty members is highly acclaimed. They are publishing papers in reputed national and international journals of high impact factors.
- UTDs organizes national/international conferences, seminars and workshops for teachers and students.
- Research laboratories are well equipped with adequate research facilities, modern instruments and equipments.
- Industry-institute linkage has also been developed by some of the departments and individual faculty members
- Faculty members are attending International conferences, symposia, and seminars on regular basis.

- **Library, ICT and Physical Infrastructure / Instrumentation**
- University has good ICT infrastructure, Wi-Fi campus, very good auditorium and Sports fields.
- Improvement in physical infrastructure, purchase of various sophisticated instruments upgradation of library , ICT facilities is the regular feature
- Annual purchase of new books, Journals and online study material is carried out by central/departmental library.

| |
|--|
| <ul style="list-style-type: none"> ● Human Resource Management ● Human resource of the Departments/Institute/Centers such as faculty and students are encouraged to take up newer academic projects. ● Departments /Institute/Centers trained the staff and students in such a manner that everyone can contribute as per their interest and expertise. ● Faculty members cooperate with the university in formulating relevant policies and evolving the execution pathways for emerging situations |
| <ul style="list-style-type: none"> ● Industry Interaction / Collaboration ● UTDs invite industrialist and academicians for guest lecturers with a view to have their interaction with students. ● The University has good interactions/ Collaboration/linkages with different industries ● Students undertake industrial projects training/internship in different institutions of national importance/Research labs / industries as a part of their curriculum. ● Departments with the support of Industries conduct Workshop, Hands- on training for the students and young faculty researchers ● Faculty members are in touch with industry experts and receive useful feedback from the various experts. |
| <ul style="list-style-type: none"> ● Admission of Students ● Online admissions strictly as per University Ordinances and as per norms of Regulatory bodies. ● University conducts M.Phil. and Ph.D. entrance test for admissions in different disciplines of Schools/Institute/Centers of the University. |
| <p>6.2.2 : Implementation of e-governance in areas of operations: The university is in the process to implement fully E-Governance environment to serve the student, government officials and related institutions/colleges. The university is partially implemented MIS for its routine working specially support to the students. Some service areas covered under MIS are as given below:</p> |
| <p>Planning and Development</p> <p>Virtual Setup The university is in process to setup virtual setup for live interaction and discussion with individual/institution.</p> <p>Administration :The university is in process to develop, integrate and deploy complete university administration module to strengthen the E-Governance environment. The proposed module includes digitization of service book, leave record, e-filing etc.</p> <p>Finance and Accounts Fee submission of university's affiliated college Almost different types of fee deposited in the university is in digital mode. Computerized Pay/PF and other financial activities Accounting is managed by Tally software</p> <p>Academic Section : College Affiliation Fee through Online Process. Online admission process conducted at the state level for affiliated colleges.</p> <p>University Teaching Departments: All Students admission and Support through Online process. Online exam supported activities via university web portal services, Admit Card Result, Revaluation etc. Timetable Notifications UFM cases and UFM decision etc. Online grievance and redressal system of UGC Career guidance and placement Support Online Journal and E-books under Inlibnet scheme</p> <p>Examination : Nodal Centre provide Pre-Exam Activities (Online): Registration, Enrollment, Exam form submission,</p> |

Sitting plan, exam related statistics,
Admit card,
Attendance sheet,
Entry of practical and internal marks,
Online Application for duplicate mark sheet, migration, degree
M.Phil./DET applications

DET/M.Phil. Entrance

In addition to online pre-exam activities, the university also implemented OMR based response and evaluation method in DET/M.Phil. Entrance Exam. This implementation helped the administration to evaluate and declare the result quickly.

The university is in process to develop and deploy complete University Management Information System for all modules in the phase manner. The successful implementation of MIS will help to strengthen the E-Governance and paper-less environment of the university.

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 |
|------|-----------------|--|--|-------------------|
| NA | NA | NA | NA | NA |

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 | Dates (from-to) | No. of participants (Teaching staff) | No. of participants (Non-teaching staff) |
|------|--|---|-----------------|--------------------------------------|--|
| NA | NA | NA | NA | NA | NA |

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 | | | Date and Duration (from – to) |
|---|---------------------------------|----|-------|-------------------------------|
| | M | F | Total | |
| Special Summer School | 33 | 19 | 52 | 05.06.2017 -24.06.2017 |
| 100 Orientation Programme | 33 | 15 | 48 | 03.07.2017-29.07.2017 |
| Short Term Course | 27 | 10 | 37 | 04.09.2017-09.09.2017 |
| Special Winter School | 49 | 19 | 68 | 11.12.2017-30.12.2017 |
| 100 Orientation Programme | 43 | 08 | 51 | 08.01.2018-03.02.2018 |

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

| Teaching | | Non-teaching | |
|-----------|----------|--------------|----------|
| Permanent | Fulltime | Permanent | Fulltime |
| NA | NA | NA | NA |

6.3.5 Welfare schemes for

Teaching

- Study Leave, Casual Leave, Special casual Leave, Travel grants, Medical leave, Sabbatical leave, CCL as per University Ordinance, GIS schemes, Medical allowance and conveyance allowance
- Centralized facilities like Health Centre, Library, Sports grounds, Shishu Vihar (Day Care Centre), University Quarters etc.
- Reservation of seats for admission of their wards in University Teaching Departments.

| | | | | |
|---|----------|-------------------------------|----------|---|
| Non teaching | | | | |
| <ul style="list-style-type: none"> ▪ Casual Leave, Medical leave, Earned leave, CCL ▪ Centralized facilities like Health Centre, Library, Sports grounds, Shishu Vihar (Day Care Centre), University Quarters etc. ▪ Reservation of seats for admission of their wards into various courses running at University Teaching Departments, houses for staff in campus. | | | | |
| Students | | | | |
| <ul style="list-style-type: none"> ▪ Provision of scholarship to the students of SC/ST/OBC as per Central/state govt. rules ▪ Facility of scholarships to the students from minority community. ▪ Women students can avail of babysitting services at Day Care Centre run by the University. | | | | |
| 6.4 Financial Management and Resource Mobilization | | | | |
| 6.4.1 Institution conducts internal and external financial audits regularly (with in 100 words each) | | | | |
| <p>हाँ, विश्वविद्यालय वित्त संहिता में निहित प्रावधान के अंतर्गत समस्त भुगतान विश्वविद्यालय में स्थापित शासकीय आवासीय स्थानीय निधि संपरीक्षा के द्वारा प्री ऑडिट होने के उपरांत ही देयक भुगतान की कार्यवाही की जाती है। समय- समय पर महालेखाकार ग्वालियर द्वारा भी नियमानुसार ऑडिट किया जाता है।</p> | | | | |
| 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/ Grants received in Rs. | | Purpose |
| NA | | NA | | NA |
| 6.4.2 Total corpus fund generated NA | | | | |
| 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 | External Experts nominated by the Hon'ble Vice Chancellor |
| Administrative | No | -- | No | - |
| 6.5.2 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable) | | | | |
| <p>The Examination pattern of UTDs is as per the Ordinance 222 of the university which was modified recently. We have the freedom to work independently and practice autonomy. This is manifested as follows:</p> <ul style="list-style-type: none"> • Autonomy to conduct examination at department level (as per Ordinance no.222) • Strict adherence to the University rules and regulations (accountability) • Most of the departments are following central valuation system for evaluation of answer sheets. The answer sheets were shown to the students after evaluation and feedback is taken. • Alternative assessment forms relying on multiple data source like peers and self are used. Diverse assessment practices including open book examination, crib sheet tests, multiple discriminant type tests are adopted in some of the UTDs | | | | |
| 6.5.3 Activities and support from the Parent – Teacher Association (at least three) | | | | |

- Parents are aware about the progress of their wards and academic decisions through parent teacher meetings which are organized on regular basis. During the meetings they can interact with the mentors and faculty members teaching to their ward.
- In order to understand the requirements of the student's feedback of the parents are taken and their views are recorded which helps in bridging the gap between student and institute.

6.5.4 Development programmes for support staff (at least three)

- Various training programmes are conducted to improve their working in the areas like computers, internet access, operation of photocopy machine etc.
- Different workshops are conducted for supporting staff members to enhance their English and knowledge.

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

- Regular BOS meeting for the purposes being conducted regularly. Several new courses focusing on employability/entrepreneurship/skill development have been introduced and updated.
- CBCS running successfully since three years. ALL UG/PG programme running in the university department are under CBCS. Elective courses are also offered.
- Add on course initiated i.e. Vocational and skill based courses have been running for three years.

6.5.6

- a. Submission of Data for AISHE portal : (Yes /No) Yes
 b. Participation in NIRF : (Yes /No) No
 c. ISO Certification : (Yes /No) No
 d. NBA or any other quality audit : (Yes /No) No

6.5.7 Number of Quality Initiatives undertaken during the year

| Year | Name of quality initiative by IQAC | Date of conducting activity | Duration (from----- to-----) | Number of participants |
|------|--|--|------------------------------|------------------------|
| 2017 | Regular meeting of Internal Quality Assurance Cell (IQAC); | 22.08.2017 23.08.2017 29.08.2017 | | 07 10 23 |
| | Academic Administrative Audit (AAA) conducted and its follow up action | At the End of each semester | | |

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-to) | Participants | |
|--|------------------|--------------|------|
| | | Female | Male |
| SANSKRIT VANGAMAY ME SASHAKT NARI-PATRA | 16 August 2017 | 76 | 15 |
| BHARTIYA SANSKRITI ME NARI-SHAKTI KA YOGDAN | 8 March 2018 | 70 | 20 |
| One day National on "Role of Women in Energy self Reliance and Development | 07 Sep. 2017 | 50 | 32 |
| Social Acceptance of Mentally Challenged | 29/01/2017 | 22 | 18 |

| | | | | | | |
|--|--|--|-------------------------------------|------------------------|------------------|--|
| Women | | | | | | |
| Role of women in Environment conservation | 31 March 2017 | 23 | 17 | | | |
| Health and Hygiene of Women | 15 April 2017 | 56 | 20 | | | |
| Role of television in women Empowerment | 30 Dec. 2017 | 18 | 22 | | | |
| Mass media womens security | 12 march 2018 | 38 | 12 | | | |
| 7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as: | | | | | | |
| <i>Planting of trees has been regularly done in the premises so that the greenery is maintained and University is free from the cause of pollution</i> | | | | | | |
| 7.1.3 Differently abled (Divyangjan) friendliness | | | | | | |
| Items Facilities | Yes/No | No. of Beneficiaries | | | | |
| Physical facilities | Yes | NA | | | | |
| Provision for lift | Yes | NA | | | | |
| Ramp/ Rails | Yes | NA | | | | |
| Braille Software/facilities | Yes | NA | | | | |
| Rest Rooms | Yes | NA | | | | |
| Scribes for examination | NA | NA | | | | |
| Special skill development for differently abled students | NA | NA | | | | |
| Any other similar facility | NA | NA | | | | |
| 7.1.4 Inclusion and Situatedness | | | | | | |
| Enlist most important initiatives taken to address locational advantages and disadvantages during the year | | | | | | |
| Year | Number of initiatives to address locational advantages and disadvantages | Number of initiatives taken to engage with and contribute to local community | Date and duration of the initiative | Name of the initiative | Issues addressed | Number of participating students and staff |
| NA | NA | NA | NA | NA | NA | NA |
| 7.1.5 Human Values and Professional Ethics | | | | | | |
| Code of conduct (handbooks) for various stakeholders | | | | | | |
| Title | Date of Publication | | Follow up (maximum 100 words each) | | | |
| NA | NA | | NA | | | |
| 7.1.6 Activities conducted for promotion of universal Values and Ethics | | | | | | |
| Activity | Duration (from-----to-----) | | Number of participants | | | |
| SECULARISM AND RACIAL ACCEPTANCE | 1 st -5 th November | | 162 | | | |
| Media ethics | One day | | 60 | | | |
| Business Ethics | Regular 60 Minutes | | 20 | | | |
| KARMA-KAND PRASHIKSHAN | 25 Dec 2017 | | 50 | | | |
| SAMAJIK SAHISHNUTA TATHA SAMBHAV PAR SANGOSHTHI | 12 Jan. 2018 | | 125 | | | |
| 7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five) | | | | | | |
| 1. | | | | | | |

2. CLEANING OF UNIVERSITY PREMISES
3. CONTROLLING WATER WASTAGE
4. MAKING COMPOST IN COMPOST PIT
5. COLLECTION OF NON BIODEGRADABLE WASTE FROM UNIVERSITY PREMISES

7.2 Best Practices

Describe at least two institutional best practices

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

Submission of Teaching Plans and Academic Report: The Faculty member submit lecture plans semester-wise giving due consideration to the syllabi, length of the chapters and number of teaching days available. At the end of the semester, a completion report is submitted.

Computer-Aided Education: All computers in the department are on Wi-Fi which makes it easier to transfer as well as access information. The students and staff are provided with free internet facilities to enhance knowledge in their respective subjects. The Research labs and Computer-Assisted Library also aids the teachers in their research and teaching activities.

Modern Teaching Aids: The faculty makes use of LCD Projectors, films, models etc. to make the learning process more interesting, vibrant and meaningful.

7.3 Institutional Distinctiveness

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

<http://www.rdnijbpin.org/site/information/GenericPDFListing.aspx?Doctype=BASB7280-FCF7>

8. Future Plans of action for next academic year (500 words)

1. Inculcate value education/life skills in Students
2. To enrich library of the Institution.
3. Wifi Campus.
4. Facilitate students with campus placement through job fairs
5. The institution has planned introduction of community radio for carrying out practical for media students and will have access to all university students. Plan is also underway for setting up well-equipped studio for shooting and film making.
6. Institute has to develop Center for Executive and Management Development Programme. This will give Management skills/ Motivational/ Entrepreneurship / Startup Programme Training and Vision. The students and other stake holders will be the target of this center
7. To Start new Courses.
8. To provide E-learning material
9. The University Plans to develop Center of Excellence in Physical Education and Sports Sciences. Develop human performance labs for diagnostic and corrective purpose, Sports Biomechanics, Center for physiotherapy and rehabilitation and development. Exercise Physiology, Sports Psychology Center for athletes. To start four years integrated B.P.Ed course after 10+2. To start B.P.E+ M.P.Ed three years integrated course after graduation. To develop training facilities for talent identification.

Name : Prof. Anjana Sharma

Signature of the Coordinator, IQAC

Co-ordinator
IQAC, RDVV
Jabalpur

Name : Prof. Kapil Deo Mishra

Signature of the Chairperson, IQAC

Vice Chancellor
Rani Durgavati Vishwavidyalaya
Jabalpur (M.P.) INDIA

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Abbreviations:

| | | |
|------|---|--|
| CAS | - | Career Advancement Scheme |
| CAT | - | Common Admission Test |
| CBCS | - | Choice Based Credit System |
| CE | - | Centre for Excellence |
| COP | - | Career Oriented Programme |
| CPE | - | College with Potential for Excellence |
| DPE | - | Department with Potential for Excellence |
| GATE | - | Graduate Aptitude Test |
| NET | - | National Eligibility Test |
| PEI | - | Physical Education Institution |
| SAP | - | Special Assistance Programme |
| SF | - | Self Financing |
| SLET | - | State Level Eligibility Test |
| TEI | - | Teacher Education Institution |
| UPE | - | University with Potential Excellence |

For Communication with NAAC

The Director

National Assessment and Accreditation Council (NAAC)

(An Autonomous Institution of the University Grants Commission)

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