



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

Part A	
<b>Data of the Institution</b>	
<b>1. Name of the Institution</b>	JHARKHAND RAI UNIVERSITY
Name of the head of the Institution	Prof.(Dr.) Savita Sengar
Designation	Vice Chancellor
Does the Institution function from own campus	No
Phone no/Alternate Phone no.	091-9693296667
Mobile no.	9507115889
Registered Email	info@jru.edu.in
Alternate Email	vc@jru.edu.in
Address	JHARKHAND RAI UNIVERSITY, KAMRE, RATU ROAD
City/Town	Ranchi
State/UT	Jharkhand
Pincode	835222

2. Institutional Status					
University	Private				
Type of Institution	Co-education				
Location	Semi-urban				
Financial Status	private				
Name of the IQAC co-ordinator/Director	Dr. Shraddha Prasad				
Phone no/Alternate Phone no.	917979899522				
Mobile no.	7979899509				
Registered Email	shraddha.prasad@jru.edu.in				
Alternate Email	Info@jru.edu.in				
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)	<a href="https://www.jru.edu.in/annualqualityassurancereport/">https://www.jru.edu.in/annualqualityassurancereport/</a>				
<b>4. Whether Academic Calendar prepared during the year</b>	Yes				
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="https://jru.edu.in/studentcorner/AcademicCalendar/AcademicCalendar2019.pdf">https://jru.edu.in/studentcorner/AcademicCalendar/AcademicCalendar2019.pdf</a>				
5. Accreditation Details					
				Validity	
Cycle	Grade	CGPA	Year of Accreditation	Period From	Period To
1	C	1.95	2018	26-Sep-2018	25-Sep-2023
<b>6. Date of Establishment of IQAC</b>	25-Jan-2017				
7. Internal Quality Assurance System					
Quality initiatives by IQAC during the year for promoting quality culture					
Item /Title of the quality initiative by IQAC	Date & Duration			Number of participants/ beneficiaries	

Roots: The Foundation Program	20-Aug-2019 10	415
Parents Teacher Meeting (PTM)	09-Nov-2019 1	125
Massive Open Online Course (MOOCs) SWAYAM	28-Dec-2018 19	558
Students registration to National Academic Depository (NAD) Portal	12-Nov-2018 11	701
Faculty Development Program	12-Jun-2019 1	37
Departmental Review Meeting under the Chairmanship of Hon'ble Vice Chancellor	05-Aug-2019 1	16
To organise an International Conference	01-Jun-2019 2	171
Educational tour	15-Nov-2018 9	27
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**8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
<b>No Data Entered/Not Applicable!!!</b>				
No Files Uploaded !!!				

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

Yes

Upload latest notification of formation of IQAC

[View File](#)

**10. Number of IQAC meetings held during the year :**

2

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

**11. Whether IQAC received funding from any of the funding agency to support its activities during the year?**

No

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

Significant Contributions made by IQAC during the current Year (Five Bullets) 1. Successfully completed the UGC Expert Committee inspection on 14th and 15th January, 2019. and approval from Pharmacy Council of India (PCI). 2. (i). Organized Faculty Development Program on 12.06.2019, Topic Future Technology for Education, Resource Person Prof. Prabhat Ranjan, ViceChancellor, D.Y Patil International University Prof. Suresh Prasad Singh, Ex VC Veer Kunwar Singh University, Ara, Bihar). (ii). Organized Faculty Depelopment Program on 08.08.2019, Topic Rural Agricultural Work Experience (RAWE Programme), Resource Person Dr. R. P. Singh Ratan, Ex Director Extension of education, Birsa Agricultural University, Ranchi (Jharkhand) Prof. S.M Prasad, Ex. Chairman (Plant Pathology), Ex. Registrar, Birsa Agricultural University, Ranchi. 3. Organized an International Conference on "Vision 2022 -The Way Forward Towards Sustainable Development" on 1st 2nd June 2019. 4. (i) MOU with Media and Entertainment Skill Council, New Delhi on 27/6/19 Collaboration to promote Education, Skill Research. (ii) MOU with Gujarat Technological University on 27/6/19 in the spirit of promoting cooperation in the field of academic, research, global, exposure, innovation, Entrepreneurship, Administrative Excellence. (iii) MOU with IIT Bombay (ST) on 27/7/19 for providing the opportunity to conduct a software Training Program to all the departments of University. 5. Encouraged the departments to conduct at least one Workshop, one Industry Visit and two Expert Talk across all the programs for the students in each semester.

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

Plan of Action	Achivements/Outcomes
Preparation of Academic calendar , Examination Calendar and Event Calendar before the commencement of semester.	Circulation of Calendar to all the student and faculty members
Roots: The Foundation Program	Organized Roots: The Foundation Program on 20th Aug.- 29th Aug.2019 to brush up the basic of Sciences/maths/IT/English which will help the students coming from diverse background learn the fundamentals and come up to a common platform before they begin their credit based course.
Preparation of Academic calendar , Examination Calendar and Event Calendar before the commencement of semester.	Circulation of Calendar to all the student and faculty members
Faculty Development Program	(i) Organized a Faculty Depelopment Program on 12.06. 2019 ,Topic- "Future Technology for Education", Resorce Person- Prof. Prabhat Ranjan, Vice Chancellor, D.Y Patil International University & Prof. Suresh Prasad Singh, Ex- VC Veer Kunwar Singh University, Ara, Bihar) (ii) Organized a Faculty Depelopment Program on 08.08. 2019 ,Topic-"Rural Agricultural Work Experience (RAWE Programme)". Resorce

	Person-Dr. R. P. Singh Ratan, Ex-Director Extension of education, Birsa Agricultural University, Ranchi (Jharkhand) & Prof. S.M Prasad, Ex. Chairman (Plant Pathology), Ex. Registrar, Birsa Agricultural University, Ranchi
Educational tour	Department of Agriculture has organised educational tour to ICAR Central Potato Research Institute, Shimla, Dr. Y.S. Parmar University of Horticulture and Forestry, Nauni, Shimla and Directorate of Mushroom Research, Chambaghat, Solan, Shimla.
Massive Open Online Course (MOOCs) SWAYAM	Total 403 students appeared in SWAYAM-MOOCs out of which 153 students have earned the credit. Amongst 153 students, one student is Course Topper in Digital Signal Processing, 43 students have earned the Elite Certificate and 4 students earned the Elite Silver Certificate
National Academic Depository (NAD)	Students enrolled into different programs get registered to NAD. It is a mandatory for all students before appearing in the end semester Exam.
National Digital Library (NDL)	Students enrolled in different programs are registered with the NDL. Till date total 702 students are registered in NDL
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<b>14. Whether AQAR was placed before statutory body ?</b>	Yes				
<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">Name of Statutory Body</th> <th style="width: 50%;">Meeting Date</th> </tr> </thead> <tbody> <tr> <td>Board of Governors</td> <td>21-Dec-2019</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	Board of Governors	21-Dec-2019
Name of Statutory Body	Meeting Date				
Board of Governors	21-Dec-2019				
<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	Yes				
Date of Visit	30-Aug-2018				
<b>16. Whether institutional data submitted to AISHE:</b>	Yes				
Year of Submission	2019				
Date of Submission	28-Feb-2019				

<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>Jharkhand Rai University has Management Information System in place in the following areas:</p> <ul style="list-style-type: none"> <li>• Admission: Students can access various Programs offered by the University. Based on the choice and further eligibility they can put their enquiry online through the university website and mobile app. After the verification of relevant documents and subsequent selection process student can complete their admission process through the online Payment gateway system. They get an auto generated receipt in their e mail id also after the successful payment. In each semester the students pay their tuition fee online through the University website.</li> <li>• Accounting and Finance: The functions of Accounts and Finance department carried out through the Tally ERP 9.0 Gold Multi user of Jharkhand Rai University. Transactions to the Vendor, Employee salary, Fee received are carried out digitally.</li> <li>• Academic : Various academic activities of the university is updated and uploaded on the "Student Corner" linked with the University website and Mobile app. Syllabus, Lesson Plan, Attendance, Notice, Assignment, Sample Paper , Result, Continuous Evaluation etc are updated time to time.</li> <li>• HR: The comprehensive attendance, payroll and leave management system (LMS) are in place. Staff need to apply for the leave through the LMS only. The University staff need to apply for their leave through the Leave Management System only. Biometric attendance is also in practice to calculate the attendance of the staff which is connected with the payroll system of the University. The statutory compliances like PF, ESI and other benefits are also calculated digitally.</li> </ul>

**Part B**

**CRITERION I – CURRICULAR ASPECTS**

**1.1 – Curriculum Design and Development**

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

Name of Programme	Programme Code	Programme Specialization	Date of Revision
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BTech	8	Mining Engineering	27/03/2018
BTech	5A	Civil Engineering	27/03/2018
BBA	11		27/03/2018
MBA	11		27/03/2018
MCA	3C	Information Technology	27/03/2018
BTech	3	Computer Science Engineering	27/03/2018
BTech	6	Electrical Engineering	27/03/2018
BTech	7	Mechanical Engineering	27/03/2018

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

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
<b>No Data Entered/Not Applicable !!!</b>				
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## 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
<b>No Data Entered/Not Applicable !!!</b>		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Mining Engineering	27/03/2018
BTech	Mechanical Engineering	27/03/2018
BTech	Electrical Engineering	27/03/2018
BTech	Civil Engineering	27/03/2018
BTech	Computer Science Engineering	27/03/2018
BCA	Information Technology	27/03/2018
MCA	Information Technology	27/03/2018
MBA		27/03/2018
BBA		27/03/2018
BSc (Agriculture)		27/03/2018

## 1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
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English	27/03/2018	88
Environmental Science	27/03/2018	55
Programming for Problem Solving	27/03/2018	73
Intellectual Aural Skills	27/03/2018	43
Human Values and Ethics	27/03/2018	28
Soft Skills and Interpersonal Communication	27/03/2018	19
Experiential Learning Programme	22/08/2019	60
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### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc(Agriculture)	Agriculture	40
BTech	Civil Engineering	34
BTech	Electrical Engineering	8
BTech	Mechanical Engineering	96
BTech	Mining Engineering	25
BTech	Computer science Engineering	71
BCA		25
MCA		35
BBA		43
MBA		73
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## 1.4 – Feedback System

### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>University has a strong feedback mechanism from all the stakeholders. We take feedback from Students, Alumni, Teacher, Parents and Employer periodically on regular basis. The Students give feedback for all the courses taught to them in the semester. The general assessment is done in different parameters on a scale of 1 to 5. The feedback of each courses is compiled and tabulated against the group average and the same is shared with the concerned faculty members. Also we take feedback on Overall Student Satisfaction Survey in which the passing</p>



students participate and give the feedback about overall academic and other facilities offered to them. We have an Alumni Association where 738 students are connected with their alma matter. Structured feedback is collected from alumni every year during annual alumni meet. Board of studies are constituted in the departmental level under the chairmanship of Head of Department. Teacher's feedback is acquired through these meetings regarding the curriculum development and student progression. Apart from these, teachers feedback plays significant role in the decision making process as they are the part of all regulatory bodies of the university like: Academic Council, Board of Management, Board of Governors, Finance Committee, Research Committee and other important Cell/Committees like: Internal Quality Assurance Cell (IQAC), Institution innovation Council (IIC), Anti Ragging Cell, Women Cell, Disciplinary Committee, NSS Cell etc. We also take Employer feedback which highlights the program outcome on the evaluation parameters in the form of Subject knowledge, Attitude, Creativity, Presentation Skills etc. The analysis of this feedback helps institute in reframing the course content as per the need of industry. It also helps in determining overall employability of our students at various levels. The university also collect and analyze the feedback taken from Parents on regular basis which helps us in identifying the different areas of improvements. All the feedback collected from different stakeholders are analyzed and put forward in the meetings of IQAC for further quality enrichment.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BSc(Agriculture )		90	83	74
BBA		90	75	72
MBA		60	67	55
BCA		120	113	107
MCA		30	24	22
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### 2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	962	154	38	0	43

### 2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used

81	81	24	28	2	8
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### 2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Yes, Jharkhand Rai University has a strong mentoring system in place. Every Student is allocated a Mentor within the university at 1:14 Mentor: Mentee ratio. Mentor acts as a bridge between the students and the university. They monitor their academic as well as personal growth. In academic progress, the mentor looks after their attendance, discipline, assignments, examination etc. For personal growth, a mentor empathizes with the students with utmost care and concern. They assess the causes of their personal problems and try to cater their needs as and when required and wherever possible. Mentors meet with students allocated to them on regular basis. We regularly conduct Parents Teacher Meet to share the concerns with the parents also for special care and concern in academic and personal matters. The concerned teacher mentor gives students a platform to take some responsibility of themselves and their classmates and assign few students as a 'Class Representative' and 'Peer Mentors'. In this regard, the concerned Mentor selects two students for Class Representatives of the particular class who in turn take the responsibility of the class. They meet the mentor on daily basis, discuss about any issues related to the class and immediately get a solution for the same. The mentors keep a regular check of the class activity on daily basis through the Class Representatives. Peer Mentors take charge of a group of students and are responsible for helping other students of the class in studies, notes and other academic problems. Students who have a sound academic background are selected as peer mentors. Peer Mentors are continuously in connection with subject experts to attain the academic issues of other students in a decentralized manner. Through this mentoring system mentors identify the talented students and give them a chance to showcase their skill through different intra and inter university events/workshops/ Exhibitions organized by different Cell/Committee of Jharkhand Rai University.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1116	81	1:14

### 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
93	81	12	38	25

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. S P Singh	Professor	RABINDRANATH TAGORE MEMORIAL AWARD ( INDIAN INSTITUTE OF ORIENTAL HERITAGE, DELHI)
2019	Dr. S P Singh	Professor	TULSI BHUSAN AWARD , RANCHI UNIVERSITY
2019	N.K. Roy	Professor	Best Paper award by Sarla Birla university, Ranchi
2019	Amrita Majumdar	Assistant Professor	Best Research Paper received from ICFAI Business school, Kolkata
2019	Dr. Hemlata Kumari	Assistant Professor	Best Doctoral Thesis Award,

			Science and Tech. Society for Integrated Rural Improvement
2019	Dheeraj Kumar Pandey	Assistant Professor	Selected as a Consultant in Jharkhand State Livelihood Promotion Society Aajeevika/ NRLM Program
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## 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
MBA	11	II	12/06/2019	25/06/2019
MBA	11	IV	07/06/2019	22/06/2019
MCA	3C	IV	12/06/2019	22/06/2019
MCA	3C	VI	28/05/2019	20/06/2019
BBA	11	II	07/06/2019	25/06/2019
BBA	11	IV	03/06/2019	25/06/2019
BCA	3C	II	07/06/2019	25/06/2019
BCA	3C	IV	03/06/2019	20/06/2019
BCA	3C	VI	30/05/2019	22/06/2019
BSc(Agriculture )	13A	II	18/06/2019	27/06/2019
BSc(Agriculture )	13A	IV	17/06/2019	27/06/2019
BSc(Agriculture )	13A	VI	14/06/2019	27/06/2019
BSc(Agriculture )	13A	VIII	01/07/2019	03/07/2019
BTech	7	IV	12/06/2019	25/06/2019
BTech	6	IV	12/06/2019	25/06/2019
BTech	5A	IV	12/06/2019	25/06/2019
BTech	3	IV	12/06/2019	25/06/2019
BTech	8	IV	12/06/2019	25/06/2019
BTech	7	VI	06/06/2019	25/06/2019
BTech	6	VI	06/06/2019	25/06/2019
BTech	5A	VI	06/06/2019	25/06/2019
BTech	3	VI	06/06/2019	25/06/2019

BTech	7	VIII	06/06/2019	17/06/2019
BTech	6	VIII	06/06/2019	17/06/2019
BTech	5A	VIII	06/06/2019	17/06/2019
BTech	3	VIII	06/06/2019	17/06/2019
BTech	8	VIII	06/06/2019	12/06/2019
BA (Journalism)	12B	VI	01/06/2019	25/06/2019
BBA	11	VI	30/05/2019	20/06/2019
<a href="#">View File</a>				

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

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
0	1001	0.00

## 2.6 – Student Performance and Learning Outcomes

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

<https://jru.edu.in/studentcorner/syllabus.php>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
11	MBA		45	39	86.67
3C	MCA		32	25	78.13
11	BBA		26	20	76.92
3C	BCA		25	16	64.00
13A	BSc(Agriculture)		40	39	97.50
5A	BTech	CIVIL	24	22	91.67
3	BTech	CSE	20	18	90.00
6	BTech	EEE	28	25	89.29
7	BTech	ME	47	36	76.60
12B	BA (Journalism)	JMC	4	0	0

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## 2.7 – Student Satisfaction Survey

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

<https://www.cognitofrms.com/JharkhandRaiUniversity1/JharkhandRaiUniversityStudentSatisfactionSurvey>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Promotion of Research and Facilities

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

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
<b>No Data Entered/Not Applicable !!!</b>				
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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
<b>No Data Entered/Not Applicable !!!</b>		
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### 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
<b>No Data Entered/Not Applicable !!!</b>				
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### 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
Workshop on "Recent Application of Electrical Technology in the field of science Engineering"	Department of Electrical Engineering	14/02/2019
Seminar on Entrepreneurship Development	Department of Agriculture	13/03/2019
Workshop on Entrepreneurship Awareness	Department of Agriculture	13/03/2019
Workshop on Application of Internet of Things	Department of CS and IT	05/04/2019
Seminar on Entrepreneurship Awareness	Department of CS and IT/ Electrical Engg./Civil Engg./ Mechanical Engg./Mining Engg/ Commerce and Management/ Agriculture	12/04/2019
Workshop on StartUp in the field of Electrical Engineering	Department of Electrical Engineering	12/04/2019
Seminar on Industry Academia Interface Challenges and Expectations	Department of CS and IT/ Electrical Engg./Civil Engg./ Mechanical Engg./Mining Engg/	18/04/2019

	Commerce and Management/ Agriculture in association with Centre for Education Growth and Research (CEGR)	
Motivational Session on Entrepreneurship	Department of CS and IT/ Electrical Engg./Civil Engg./ Mechanical Engg./Mining Engg/ Commerce and Management.	19/10/2019
Workshop on Current trends in Welding Technology	Department of Mechanical Engineering	24/10/2019
Workshop on Basic Entrepreneurship Skills	Department of CS and IT/ Electrical Engg./Civil Engg./ Mechanical Engg./Mining Engg/ Commerce and Management.	18/11/2019
Seminar on Pitch Your Idea	Department of CS and IT/Commerce and Management/Electrical Engg.	20/11/2019
Workshop on "Modern Methodology used in grounding and earthing for maximum utilization of electrical energy in association with Heavy Engineering Corporation Ltd.	Department of Electrical Engineering	16/09/2019
<a href="#">View File</a>		

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Bottle Farming	Department of Agriculture, Jharkhand Rai University, Ranchi	Bihar Agricultural University, Sabour	22/02/2019	Exhibition
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### 3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Institution Innovation Council (IIC), JRU	Shyam Sundar Pradhan	Self	SP Webcare	Web Development, Software Development and IT Training	02/10/2018
Institution Innovation Council	Prasenjeet Kumar	Self	Divyansh Hatchery and Farm	AgriBusiness	25/08/2019

(IIC), JRU			Equipments		
Institution Innovation Council (IIC), JRU	Prasenjeet Kumar	Self	Jivanbodh Agrotech	AgriBusiness	21/11/2019
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### 3.4 – Research Publications and Awards

#### 3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Science and Engineering	3
Computer Science and IT	2
Commerce and Management	2
Humanities and Social Science	2

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Mechanical Engineering	4	6.1
International	Electrical Engineering	4	5.5
National	Commerce and Management	2	0
International	Commerce and Management	6	7.3
International	Agriculture	8	2.6
International	Computer Science and Information Technology	5	5.3
<a href="#">View File</a>			

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

Department	Number of Publication
Mechanical Engineering	2
Electrical Engineering	9
Commerce and Management	4
Agriculture	3
Computer Science and Information Technology	1
<a href="#">View File</a>	

#### 3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
<b>No Data Entered/Not Applicable !!!</b>			
No file uploaded.			

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Functional and DNA protein binding studies of WRKY transcription factors and their expression analysis in response to biotic and abiotic stress in wheat ( <i>Triticum aestivum</i> L.)	Lopamudra Satapathy, Dhananjay Kumar, Manish kumar Kunal Mukhopadhyay	3 Biotech	2018	4	Birla Institute of Technology, Mesra, Ranchi	4
Trend in area production productivity and export of mango from India	Sushma Priya, Dr. H.P.Singh	Multi logic in Science	2018	0	Banaras Hindu University, Varanasi	0
Coupled Tapering/Uptapering of Thirring Type Soliton Pair in nonlinear media	Shraddha Prasad, Manoj Kumar Dutta, Ram Krishna Sarkar	Optics Communications	2018	0	Jharkhand Rai University, Ranchi	0
Design of robust proportional-integral-derivative controller for generalized decoupled twin rotor multiinput multioutput system	Sumit Pandey	Journal of system and Control Engineering	2018	2	National Institute of Technology Durgapur, Durgapur, India	2



with actuator n onlinearity						
Effect of Different Packaging Methods on Shelf Life of Potato stored at Room Temperature	Neeraj, Saleem Siddique and Nidhi Dalal	International Journal of Current Microbiology and Applied Sciences	2019	0	CCS Harayana Agricultural University, Hisar	0
Effect of hot water treatment and packaging methods on physiological quality of potato tubers stored at room temperature	Neeraj, Saleem Siddique and Nidhi Dalal	International Journal of chemical studies	2019	0	CCS Harayana Agricultural University, Hisar	0
Effect of Chemical treatment, storage and packaging on physico chemical properties of sunflower microgreens	Nidhi Dalal, Saleem Siddiqui and Neeraj	International Journal of chemical studies	2019	0	CCS Harayana Agricultural University, Hisar	0
Study of biodiversity of avian species in dalma sanctuary	P.C.Mishra and S.M. Prasad	International Journal of Advance and Innovative Research	2019	0	Jharkhand Rai University, Ranchi	0
Invasive alien aquatic weeds: Threat to limnetic habitat	Hem Kant Jha and S.M.Prasad	International Journal of Current Research in Life Sciences	2019	0	Jharkhand Rai University, Ranchi	0
Sustainable food	Lal Ratnakar	International	2019	0	Jharkhand Rai Univer	0

security for tribal and other communities of jharkhand through wild leafy vegetables	Singh, Varsha Rani, S.M.Prasad and Sanjay Singh	Journal of Advance and Innovative Research			sity,Ranchi	
Design and implementation of Color Recognition Method for Intelligent Vision Systems	Shraddha Prasad, Prabhakar Rao Barre	International Journal of Advance and Innovative Research	2019	0	Jharkhand Rai University,Ranchi	0
Valuation of facial image likeness under different posture	Priyanka Srivastava	Microsystem Technologies	2019	0	BIT Mesra ,Ranchi	0
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Functional and DNA protein binding studies of WRKY transcription factors and their expression analysis in response to biotic and abiotic stress in wheat (Triticum aestivum L.)	Lopamudra Satapathy, Dhananjay Kumar, Manish kumar Kunal Mukhopadhyay	3 Biotech	2018	1	4	Birla Institute of Technology, Mesra, Ranchi
Design of robust proportional-integral-d	Sumit Pandey	Journal of system Control Engineering	2018	1	2	National Institute of Technology

erivative controller for generalized decoupled twin rotor multiinput multioutput system with actuator nonlinearity					Durgapur, Durgapur, India
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### 3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Presented papers	13	6	1	2
Resource persons	2	2	10	0

[View File](#)

### 3.5 – Consultancy

#### 3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
<b>No Data Entered/Not Applicable !!!</b>			
No file uploaded.			

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

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
<b>No Data Entered/Not Applicable !!!</b>				
No file uploaded.				

### 3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Blood Donation Camp	Rajendra Institute of Medical Sciences	20	150
Workshop on Voting Awareness	ADR (Association for Democratic Reforms) Bangaluru, MYS (Manthan Yuwa Sansthan) Ranchi and NEW (National Election Watch)	15	120

Survey Work for Anti Human Trafficking	Bhartiya Kisan Sangh	5	25
World Day Against Child Labour	National Commission on Child Rights, Govt. of India, Dept. of Women, Child Development and Social Security, Govt. of Jharkhand and Bhartiya Kisan Sangh.	65	700
Training on Self Defence	Karate Association of India	10	150
Nukkad Natak on Women Empowerment	Cultural Club, Jharkhand Rai University	10	150
Republic Day Parade Camp	NSS Cell, Jharkhand Rai University	5	15
Celebration of Constitution Day	Jharkhand Rai University	75	530
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Summer Internship 2019	Selected as an Intern in the department of Urban Development Housing Department (UDHD)	State Urban Development Agency, Govt of Jharkhand	3
Blood Donation Camp	Appreciation for significant Contribution in Voluntary Blood Donation	Jharkhand State AIDS Control Society	150
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Awareness Camp on Right to Vote	Dainik Jagaran in Association with Govt of Jharkhand .	Human Chain	5	60
Humara Bachpan Humara Adhikar	National Commission on Child Rights, Govt. of India,	Awareness Program against child labour	65	700

	Dept. of Women, Child Development and Social Security, Govt. of Jharkhand and Bhartiya Kisan Sangh.			
Action Against Trafficking of Children and Women	Bhartiya Kisan Sangh	Field Survey	5	25
Electoral Literacy Campaign	Electoral Literacy Club of Jharkhand Rai University	Nukkad Nattak	15	300
Swachh Bharat Summer Internship 2019	NSS Cell, Jharkhand Rai University, Ranchi	Water Conservation and Sanitation, Solid waste management.	5	14
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### 3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Faculty Development Program on 12.06.2019, Topic Future Technology for Education, Resource Person Prof. Prabhat Ranjan, Vice Chancellor, D.Y Patil International University Prof. Suresh Prasad Singh, Ex VC Veer Kunwar Singh University, Ara, Bih	37	Centre for Education Growth Research (CEGR) and Jharkhand Rai University	1
Seminar on Industry Academia Interface Challenges and Expectations on 18.04.2019.in association with Centre for Education Growth Research (CEGR)	112	Jharkhand Rai University	1
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
<b>No Data Entered/Not Applicable !!!</b>					
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3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Media and Entertainment Skill council	27/06/2019	To Promote Education, Skill Research	0
Gujarat Technological University	27/06/2019	To Promoting cooperation in the field of academic, research, global, exposure, innovation, Entrepreneurship Administrative Excellence.	0
IIT Bombay (ST)	27/07/2019	Providing opportunity to conduct software training program.	45
PHD Chamber of Commerce and Industry	21/05/2019	To promote Education, skill Research	27
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#### **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
170.5	99.85

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Laboratories	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Others	Newly Added

## 4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
KOHA	Fully	3.2	2015

### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	22488	6790913	2201	759248	24689	7550161
Reference Books	1634	670000	221	110000	1855	780000
e-Books	29977	172250	0	0	29977	172250
Journals	28	122016	0	0	28	122016
e-Journals	320	68900	0	0	320	68900
Digital Database	320	68900	0	0	320	68900
CD & Video	118	3540	30	450	148	3990
Others (specify)	1	90000	1	90000	2	180000

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
<b>No Data Entered/Not Applicable !!!</b>			
No file uploaded.			

## 4.3 – IT Infrastructure

### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MGBPS)	Others
Existing	167	75	75	10	0	16	66	48	0
Added	0	0	0	0	0	0	0	62	10
Total	167	75	75	10	0	16	66	110	10

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

110 MBPS/ GBPS
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### 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
<b>No Data Entered/Not Applicable !!!</b>	

#### 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
128	63.35	200.73	125.3

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)

There is a well established system for maintaining utilizing of any academic support facility. Dedicated staffs and committee are assigned the job of maintenance of their respective departments like the laboratories, computer labs, common room (equipped with indoor sports equipments), etc. Each department maintains their separate Stock Registers apart from the University Central Store Stock record keeping. In each lab, the lab attendants keep the lab manuals and schedule for the maintenances of equipments/instruments. Annual physical stock verification of all the items is conducted by the respective department. In this regard following procedure is followed : A Stock verification committee is constituted. Two faculty/ Staff nominated by the Departmental Head. An external member from the sister Dept./office will also be part of this committee The committee will physically verify all available items with reference to the stock Register. The Committee will also physically verify the items with reference to the item procured under any lab/dept. The committee will submit its report in the proforma attached herewith. In case of any excess or short fall or mismatch from stock to invoice, the Head will take necessary action at his level to reconcile the discrepancies and forward the report to the Dean Academics/ Registrar

<https://www.jru.edu.in/departamentalunitwisephysicalverificationofstock/>

#### 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	Scholarship to Meritorious Students	65	983500
Financial Support from Other Sources			
a) National	Scholarship Provided by Ekalyan, Welfare Department, Govt. of Jharkhand to SC/ST/OBC/ Minority.	410	13360000
b) International		0	0

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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
Life Skill as a Credit Based Course	27/03/2018	1116	Jharkhand Rai University, Ranchi
Language Lab	01/09/2018	95	Jharkhand Rai University, Ranchi
Competitive Classes	18/09/2018	42	Jharkhand Rai University, Ranchi
Remedial Classes	06/10/2018	175	Jharkhand Rai University, Ranchi
Roots: The Foundation Program	20/08/2019	415	Jharkhand Rai University, Ranchi
Mentorship Program and Peer Mentorship	02/09/2019	1116	Jharkhand Rai University, Ranchi
<a href="#">View File</a>			

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	Competitive Classes and Career Counselling	55	174	6	68
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
4	4	15

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
10	141	22	42	115	46
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
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2018	2	B. Tech	Electrical Engineering	Rajiv Gandhi Proudyogiki Vishwavidyalaya (RGPV) Bhopal	M.Tech
2018	1	BCA	Computer Science and Information Technology	Pune Institute of Business Management (PIBM), Pune	MBA
2018	12	BCA	Computer Science and Information Technology	Jharkhand Rai University	MCA
2018	1	BCA	Computer Science and Information Technology	Vidyasagar University Kolkata	MSW
2018	1	BCA	Computer Science and Information Technology	Thapar Institute of Technology, Patiala	MCA
2018	3	BCA	Computer Science and Information Technology	Dr. Shayma Prasad Mukherjee University, Ranchi	MCA
2018	1	B.Tech	Computer Science and Information Technology	Jharkhand Rai University, Ranchi	MBA
2019	1	B.Tech	Civil Engineering	Indian Institute of Technology (IIT) Varanasi	MBA
2019	3	BBA	Management	Jharkhand Rai University, Ranchi	MBA
2019	3	BBA	Management	Kejriwal Institute of Management, Ranchi	MBA
2019	1	MBA	Management	Central University Jharkhand, Ranchi	Ph.D
2019	7	B.Sc Agriculture	Agriculture	Sam Higginbottom University of Agriculture, Technology	M.Sc

				and Sciences ,Prayagraj, UP	
2019	2	B.Sc Agriculture	Agriculture	Banaras Hindu University, Prayagraj, UP	M.Sc
2019	1	B.Sc Agriculture	Agriculture	Central University Jharkhand, Ranchi	M.Sc
2019	6	BCA	Computer Science and Information Technology	Jharkhand Rai University, Ranchi	MCA
2019	2	BCA	Computer Science and Information Technology	Jharkhand Rai University, Ranchi	MBA
2019	4	BCA	Computer Science and Information Technology	Laxmi Narayan College of T echnology,Bh opal, Madhya pradesh	MCA

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

Items	Number of students selected/ qualifying
CAT	1
Any Other	5

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

Activity	Level	Number of Participants
Tarang 19 University Annual Cultural Fest	Inter University	106
Goonj 19 Festive Cultural Extravaganza	Inter University	251
Intra University Cultural Events	Intra University	80
Inter University Sports Event	Inter University	59
SPRADHA 19 University Annual Sports Fest	Intra University	310
University Indoor Sports Competition 19	Intra University	123
Krishi Khel 19 (Organized	Departmental Level	551

by Agriculture  
Departement, JRU)

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### 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	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	3rd TUNE OF ART International Art Festival 2018	International	0	1	MC/L/18/007	Ekta Kumari Gupta
2018	Best Digital story telling on Gender Based Violence	International	0	1	MB/17/034	Ibtesham Shreen
2018	NSS Pre-Republic Day Parade Camp-2018 (Central Zone)	National	1	0	BA/16/011	Satarupa Bhattacharjee
2019	Trinamul Pratibha Samman organised by Government of Bengal	National	0	1	DE/18/028	Anshika Tripathi
2019	Mix Martial Art Competition, Indore	National	1	0	BT/ME/14/40	Md. Ehtesham Ansari
2019	NSS Pre-Republic Day Parade Camp-2019 (Central Zone)	National	1	0	BA/18/054	Priyattam
2019	Miss India Earth International 2019, New Delhi	International	0	1	DE/18/028	Anshika Tripathi

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

Student representatives are introduced in all administrative bodies/committees/cell functioning in the university like: Internal Quality Assurance Cell (IQAC), Institution Innovation Council (IIC), Anti Ragging Cell, Women Cell, Anti Sexual Harassment Cell, AntiRagging Squad, Canteen Committee and various Clubs like Cultural Club, Sports Club, Science Club, Fine Arts Club, Management Club. Each Committee/Cell have a strong student committee which work in co ordination with the respective club conveners. Students play an active role in the overall academic development in the university. They give feedback for all the courses taught to them in the semester. The general assessment is done in different parameters on a scale of 1 to 5. The feedback of each courses is compiled and tabulated against the group average and the same is shared with the concerned faculty members. Also we take feedback on Overall Student Satisfaction Survey in which the passing out students participate and give feedback about overall academic and other facilities offered to them. All the feedbacks collected, analyzed and put forward in the meetings of Internal Quality Assurance Cell (IQAC) for further quality enrichment. Some of the other cells/committees in which the student's active participation are as follows: Jharkhand Rai University NSS Cell a unit of National Service Scheme, under the Ministry of Youth Affairs Sports, Government of India. NSS is a Voluntary organization of students who can work for the cause of the society and spread the spirit of nationalism, national integrity, communal harmony humanity among the people of the society. Institution Innovation Council (IIC) to encourage, inspire and nurture young students by exposing them to new ideas and processes resulting in innovative activities in their formative years. Anti Ragging Committee and Anti Ragging Squad to oversee the implementation of the recommendation of the anti ragging verdict. This squad comprises of teaching faculty, supporting staff, administrators and student representatives. The name of the members along with their contact number are displayed on the University notice board. Anti sexual harassment Cell to develop guidelines to combat sexual harassment, violence against women and ragging at the university premises. Cultural Club helps in preparing students for real life and strengthening their personal skills marks a huge importance in a student's life. Sports Club are open to the participation of all students. Students may become members of any event of sports that they desire and participate. Management Club gives management students a platform to organize various activities for their personality enhancement and grooming to imbibe the leadership quality. Science Club helps students to develop a scientific way of learning through encouraging students to participate actively in various activities.. Fine Arts Club is dedicated in promoting all aspects of fine arts including graphic design, Photography, Video Making, Visual Art, etc. to inculcate the creativity amongst the students.

**5.4 – Alumni Engagement**

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

738

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

**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)

Jharkhand Rai University, Ranchi follows the policy for participative management at all level of its operations and execution. As per proviso of University Act, Statutes and Rules, University ensured decision making to developed democratic and dialogic systems for its functioning toward adoption of new and innovative idea / plan for betterment of University academic environment. Group decision making and participative decision is the hallmark of the University functioning. In the Last Academic year Jharkhand Rai University has taken the initiative to constitute the Board of Studies at the Departmental Level comprising of subject matter Expert of academia and industry both under the chairmanship of Head of Department. The function of the Board of Studies are to revise and update the detailed syllabi time to time and submit the same to Academic Council for approval. Group decision making and participative decision is the hallmark of the University functioning. Freedom given by the University management helps the faculty and staff members to discharge their duties with involvement and full dedication. Our Teaching Staff, Administrative Staff, Students, Alumni are there in every Committees/Cells: Internal Quality Assurance Cell (IQAC), Institution Innovation Council (IIC), Anti Ragging Cell, Women Cell, Anti Sexual Harassment Cell etc. Also our Teaching and Administrative staff are the part of different regulatory bodies of the University like Academic Council, Research Committee, Examination Board, Finance Committee, Board of Management, Board of Governors etc.

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

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):

Strategy Type	Details
Curriculum Development	<ul style="list-style-type: none"> <li>• Board of Studies (BOS) is constituted at the Departmental Level comprising of External subject matter Expert from academia and industry both under the chairmanship of Head of Department. BOS plays a vital role in improving the curriculum by adding new perspective time to time.</li> <li>• Structured Feedback System from Employer, Alumni and External experts is in place to keep the curriculum up to date.</li> <li>• University has adopted and introduced courses of SWAYAM in the curriculum in which the students can earn up to 20 of their credits through online MOOCs courses.</li> <li>• “Life Skill” has been adopted as a credit based course which carries at least 5 weightage across all the programs.</li> </ul>

<p>Teaching and Learning</p>	<ul style="list-style-type: none"> <li>• Strict adherence to the Academic and Examination calendar</li> <li>• Remedial/Bridge Course/ Preparatory Classes for competitive examination is in place.</li> <li>• Peer Teaching is introduced in all the departments</li> <li>• Mentorship and Peer mentorship system is continuously strengthening to attain the individual concern of students.</li> <li>• Workshops/Seminars/Exhibitions/Invited Talks/ Industry Visits/ Educational Tour/ Inter and IntraUniversity events are organized by the departments on regular basis.</li> <li>• Departmental review is done biannually by Hon'ble Vice Chancellor to keep a track on the academic development as a whole.</li> <li>• Faculty members are encouraged to enroll themselves in MOOCsSWAYAM portal.</li> </ul>
<p>Examination and Evaluation</p>	<ul style="list-style-type: none"> <li>• The examination system of the Jharkhand Rai University has an approach to Continuous and Comprehensive Evaluation. In addition to the Semester End Examination, the university conducts a good no. of evaluation tests/ Assignments/GD/Presentations throughout a semester and awards proper weightage to the tests in the final progress report card of a student.</li> <li>• University has a Centralized Evaluation System.</li> <li>• Published results within 30 days after the end semester examination.</li> <li>• CBCS has been introduced from 2014 onwards across all the programs.</li> <li>• Uploaded all Degrees and certificates on National Academic Depository (NAD).</li> <li>• Question paper setting by the external experts has been adopted for 50 of the course across all programs.</li> <li>• Moderation of examination papers is applied to all undergraduate and postgraduate papers to ensure the coverage of the syllabus for each course to meet the course objective.</li> </ul>
<p>Research and Development</p>	<ul style="list-style-type: none"> <li>• The university has setup 1600 sq. m. of fully automatic stateoftheart green house as agriculture research center with different types of hydroponic systems to promote agricultural research.</li> <li>• Organized Seminar/Conferences/FDP on regular basis to promote a research environment in the university.</li> <li>• Encourage to publish the research work in quality journal listed in UGC/</li> <li>• Students of</li> </ul>

final year are also encouraged to present research papers in national and international seminars/conferences associated with the faculty members. • AntiPlagiarism Policy and Software (URKUND) is in place. • Entrepreneurship Awareness camps and Idea Pitching sessions are organized on regular basis by IIC to promote the culture of innovativeness in the University. • Encourage research scholars and faculty members to use Inflibnet (signed MOU with INFLIBNET) in order to enhance the quality of research.

Library, ICT and Physical Infrastructure / Instrumentation

• Jharkhand Rai University library is automated with open source integrated library software KOHA (Version 3.20), Hosted in our in house server and is accessible by both internal network and mobile network. • Students are registered in National Digital Library (NDL) to access digital learning resources. • Added 1000 Titles 2000 Volumes in the library so far. • Classrooms, Library and other teachinglearning systems are well supported by ICT resources. • Campus is under CCTV surveillance.

Human Resource Management

• Training and development programs, Awareness camps are organized for teaching, nonteaching staff of the university on regular basis. • Felicitate Teaching and Nonteaching staff for their contribution towards overall development of the university. • Policy is in place to encourage Faculty and staff members for higher education. • Welfare scheme like Overdraft facility, Free Lunch is in place.

Industry Interaction / Collaboration

• Industry experts are invited on regular basis for Guest Lecture to share their expertise/experience. • Departments organizes interaction and guidance sessions with our alumni who are well placed in the industry. • Industrial Visits are organized to expose students towards the experiential learning. • Internships/ Apprenticeship in the industries for hands on practical training and exposure • Seminars/Workshops and Training programs in association with industry partners. • In addition to the existing MOUs, in last academic year JRU signed MOU with Gujarat



	Technological University, Media and Entertainment Skills Council and IIT Bombay. • Organize "Job Fair" in association with BOPT ER under MHRD, GOI every year.
Admission of Students	<ul style="list-style-type: none"> <li>• Merit Scholarship is provided to the students who have secured 75 per marks in the qualifying examination. • Providing career guidance and awareness through our "UDAN" and AAROHAN scheme to the prospective students of the university. • Online admission process is adopted. • "Roots" The Foundation Program is in place to help the students coming from diverse background learn the fundamentals and come up to a common platform before they begin their credit based course.</li> </ul>

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

E-governance area	Details
Administration	Biometric Attendance, Leave Management System etc
Finance and Accounts	Vendor Payment, Payroll, Fee Received etc.
Student Admission and Support	Online Enquiry, Fee Submission, Online Grievance Redressal, Student Satisfaction survey, Student Feedback, Parent Feedback, Employer Feedback, Alumni Registration
Planning and Development	Time bound and various online reports generated through MIS helps the management in planning and decision making process.
Examination	Online Forms, Online Results, Uploading Degrees and Certificates to National Academic Depository.

### 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
2018	Ummay Hafsa	National Conference on Biotechnological Initiatives for Crop Improvement	0	1500
2018	Shraddha Prasad	International Conference on Latest Trends	0	2500

		in Electronics and Communication.		
2019	Shraddha Prasad	International Conference on Vision 2022The Way Forward Towards Sustainable Development	0	2500
2019	Abhishek Pratap	Faculty Development Programme on Publish or Perish	0	3500
2019	Khaleda Rahman	Faculty Development Programme on Publish or Perish	0	3500
2019	Amrita Majumdar	International Conference on Society and Business in the New Millennium	0	2000
2019	Om Prakash Satyam	International Conference on Vision 2022The Way Forward Towards Sustainable Development	0	1500
2019	Shri Pal Mishra	International Conference on Vision 2022The Way Forward Towards Sustainable Development	0	1500
2019	Ajit Kumar Sinha	International Conference on Vision 2022The Way Forward Towards Sustainable Development	0	1500
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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	Title of the administrative training programme organised for	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
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	teaching staff	non-teaching staff				
<b>No Data Entered/Not Applicable !!!</b>						
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Faculty Development Programme on Publish or Perish at Amity University, Ranchi	2	29/06/2019	05/07/2019	11
Faculty Development Programme on Future technology for Education at JRU Ranchi	37	12/06/2019	12/06/2019	1
Faculty Development Programme on Rural Agricultural Work Experience. at JRU Ranchi	12	08/08/2019	08/08/2019	1
Workshop on SWAYAMNPTEL SPOC Felicitation. (East Zone). IIT, Kharagpur	1	27/07/2019	27/07/2019	1
UGC Orientation Workshop on Awareness Adoption and Promotion of MOOCs on SWAYAM Platform at Ranchi University, Ranchi	1	03/09/2019	03/09/2019	1
Regional Training Programme on plagiarism Detection Software. PDS	2	21/08/2019	21/08/2019	1

(Urkund) under aegis of MHRD at IIM Culcutta.

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
81	78	133	131

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> <li>• PF provision for the staff</li> <li>• Providing On duty for presenting the paper at National/ International conferences and participating in workshops/ refresher course</li> <li>• Conduction of Faculty Development Program time to time for teaching staff.</li> <li>• Encouraging for higher education research</li> <li>• Providing free Lunch</li> <li>• All the types of leave applicable as per the norms like: 1. Casual leave 2. Earned leave 3. Maternity leave 4. Study leave 5. Special Permissions</li> <li>• The staff who are in need of financial support are helped by providing the loan.</li> <li>• Overdraft facility arranged by the partner bank</li> </ul>	<ul style="list-style-type: none"> <li>• PF, ESI provision for the staff</li> <li>• University also conducts different training programs related to general financial, administrative training and Information technology related awareness for Nonteaching staff.</li> <li>• Encouraging higher education</li> <li>• Providing free Lunch</li> <li>• All the types of leave applicable as per the norms like: 1. Casual leave 2. Earned leave 3. Maternity leave 4. Study leave 5. Special Permissions</li> <li>• The staff who are in need of financial support are helped by providing the loan.</li> <li>• Overdraft facility arranged by the partner bank</li> </ul>	<ul style="list-style-type: none"> <li>• Active Career Management Cell (TP)</li> <li>• Active AntiRagging committee and Squad</li> <li>• Awareness program organized by the Women Cell</li> <li>• Active Antisexual harassment cell</li> <li>• Soft Skill Training</li> <li>• Continuous Mentoring System</li> <li>• Cultural Club/Sports Club/ Science Club/ Fine Arts Club/ Management Club/ Entrepreneurship Development Cell</li> <li>activities throughout the academic session</li> <li>• Best Student/Women Achievers / Best Library User award given in every session</li> <li>• Merit Scholarship/ Freeship Program</li> <li>• Educational Trips/Workshops/ Guest Lectures/Industrial Visits organized throughout the year</li> <li>• Scope to work in research projects with associated faculty members</li> <li>• Inter/Intra University Events throughout the year</li> <li>• Preparatory classes for various Competitive examinations</li> </ul>

6.4 – Financial Management and Resource Mobilization

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

Jharkhand Rai University has mechanism to conduct the internal and external audits on the regular basis. The accounts of the University are audited by chartered accountant regularly as per the Government rules. As per audit report

of Jharkhand Rai University, there have been no Audit objections so far. The finance committee is the principal financial body of the University to take care of financial matters and coordinate and exercise general supervision over the financial matters of the University. Finance or Account officer is responsible for statutory and timely compliances of Govt. / Taxation Departments etc. and timely compliance of Audit requirement

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
<b>No Data Entered/Not Applicable !!!</b>		
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6.4.3 – Total corpus fund generated

1755.04
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## 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	Yes		Yes	
Administrative	Yes		Yes	

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

<b>No Data Entered/Not Applicable !!!</b>
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6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

<b>No Data Entered/Not Applicable !!!</b>
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6.5.4 – Development programmes for support staff (at least three)

Training programs on Financial Awareness. Training programs on Effective use of ICT in administration.
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6.5.5 – Post Accreditation initiative(s) (mention at least three)

<ul style="list-style-type: none"> <li>• Successfully completed the UGC Expert Committee Visit held on 14th and 15th January 2019.</li> <li>• Approval from Pharmacy Council of India (PCI) to start Diploma in Pharmacy (D.Pharm) from the academic session 2019 2020</li> <li>• Constituted and formed the Institution Innovation Council (IIC) in the University after approval from MHRD, Govt of India</li> <li>• Introduced MOOCs course in core engineering topic across the Programs.</li> <li>• Established world class fully automated Greenhouse for Agricultural Research</li> <li>• Uploaded all degrees and certificates on National Academic Depository (NAD)</li> </ul>
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6.5.6 – Internal Quality Assurance System Details

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

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Meeting of IQAC	03/03/2019	03/03/2019	03/03/2019	15
2019	Meeting of IQAC	14/12/2019	14/12/2019	14/12/2019	15
2019	Feedback from Students	19/08/2018	03/06/2019	15/06/2019	1100
2019	Feedback from Parents	19/08/2018	04/02/2019	15/02/2019	900
2019	Feedback from Alumni	19/08/2019	28/09/2019	28/09/2019	70
2019	Roots: The Foundation Program	19/08/2018	20/08/2019	29/08/2019	415
2019	Parents Teacher Meeting (PTM)	19/08/2018	09/11/2019	09/11/2019	125
2019	Massive Open Online Course (MOOCs)	03/03/2019	13/08/2019	13/08/2019	403
2018	Uploading of Degrees Certificates to NAD Portal	19/08/2018	28/12/2018	15/01/2019	558
2018	Students registered in the National Academic Depository(NAD) Portal	19/08/2018	12/11/2018	22/11/2018	702
2019	Faculty Development Program	19/08/2018	12/06/2019	12/06/2019	37
2019	Faculty Development Program	19/08/2018	08/08/2019	08/08/2019	12
2019	Departmental Review Meeting by IQAC under the Chairmanship of Honble Vice Chancellor	19/08/2018	02/03/2019	02/03/2019	16

2019	Departmental Review Meeting by IQAC under the Chairmanship of Honble Vice Chancellor	19/08/2018	05/08/2019	05/08/2019	16
2019	International Conference on "Vision 2022 - The Way Forward Towards Sustainable Development"	03/03/2019	01/06/2019	02/06/2019	171
2018	Educational tour to ICAR Central Potato Research Institute, Shimla, Dr. Y.S. Parmar University of Horticulture and Forestry, Nauni, Shimla and Directorate of Mushroom Research, Chambaghat, Solan, Shimla under experiential learning program (2018)	19/08/2018	17/11/2018	21/11/2018	27
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## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Self Defence Training on International Girl Child Day	11/10/2019	11/10/2019	150	0

Survey work on "Anti Human Trafficking"	18/04/2019	18/04/2019	10	15
Nukkad Nattak on "Beti Bachao and Beti Padhao"	02/04/2019	02/04/2019	22	18
Invited Talk on "Think Equal, Build Smart, Innovate for Change" on International Women's Day	08/03/2019	08/03/2019	58	40
Nukkad Natak on International Women's Day	08/03/2019	08/03/2019	58	40
Women Achiever Award on International Women's Day	08/03/2019	08/03/2019	3	0

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

Percentage of power requirement of the University met by the renewable energy sources

**No Data Entered/Not Applicable !!!**

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	09/03/2019	4	Swacch Bharat Abhiyan	Cleanliness, Hygiene and Sanitation	20
2019	1	1	11/03/2019	1	Soil Sampling for farmers	To test the quality of soil for farming in the local villages	43



2019	1	1	23/03/2019	1	Election Campaign Rally	Awareness regarding Vote casting	315
2019	1	1	03/04/2019	1	Nukkad Natak on Value of Vote	Awareness regarding Vote casting	43
2019	1	1	05/04/2019	1	Rural Agriculture Intervention Programme	To provide training to farmers on Integrated Farming Techniques / Mushroom Cultivation and Organic Vegetables production methods for up gradation of their livelihood options	43
2019	1	1	12/04/2019	1	Check Dam Project	To initiate the rainwater Harvesting in Devgain Village	43
2019	1	1	18/04/2019	1	Awareness programme on rural hygiene and sanitation	To aware the villagers about rural hygiene and sanitation	43
2019	1	1	18/04/2019	1	Kisan Gosthi	To disseminate knowledge about modern agricultural technology and real time assistanc	43

2019	1	1	15/06/2019	1	Awareness programme on Child Labour and Anti Human Trafficking	To aware regarding child labour and anti human trafficking	765
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Employee Handbook	02/01/2019	<a href="https://www.jru.edu.in/employeecorner/">https://www.jru.edu.in/employeecorner/</a>
Student Handbook	01/08/2019	<a href="https://www.jru.edu.in/studentshandbook/">https://www.jru.edu.in/studentshandbook/</a>

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Swachh Bharat Abhiyan	09/03/2019	09/03/2019	450
Award ceremony to honor the distinguished personalities for their outstanding contribution towards sustainable development	01/06/2019	01/06/2019	5
Blood Donation Camp	19/06/2019	19/06/2019	150
International Yoga Day Celebration	21/06/2019	21/06/2019	355

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

<ul style="list-style-type: none"> <li>o Plantation of 500 Forest Trees.</li> <li>o Hydroponic Farming in 1600 Sq mt.</li> <li>o Plastic free campus</li> <li>o Towards Paperless office</li> <li>o Green landscaping with trees and plants</li> <li>o Implementation of Drip Irrigation in 9 acres.</li> <li>o Construction of Dobha of 75 Sq mt.</li> </ul>
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**7.2 – Best Practices**

7.2.1 – Describe at least two institutional best practices

<p>'Life Skills' as credit based course across all the programs. The pedagogy at Jharkhand Rai University has been so evolved that it helps the students to develop the conceptual understanding, acquire adequate practical experience enabling one to apply in the real life situation and the values along with the Life Skills needed to meet the challenges of tomorrow's society. Complexities of today's business demands team work and relatively higher order of interaction with various economics and countries. Life Skills offer the single common denominator that help one to meet the challenges. Care, concern and mentoring are the areas of focus. It carries at least 5 weightage across all the programmes. Through this program we try to inculcate skills like flexibility, initiative, social skills, productivity, and leadership into the students so that they thrive in the classroom and in the world beyond. This course include modules on Spoken English, Body Language, Interview Skills,</p>
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Public Speaking, Etiquettes and Communication Skills. The aim is to groom the students and enhance their abilities so that they can survive in the competitive world. We have a dedicated team of experts who mentor and guide the students efficiently to meet the requirements. MOOCs SWAYAM Courses adopted across all the programs Jharkhand Rai University, Ranchi has adopted credit transfer through MOOCs courses from SWAYAM Platform involving Credit Transfer Mobility as per UGC Credit Framework Regulations 2016. It focuses on "Awareness, Adoption Promotion of the MOOCs Courses. Students can earn up to 20 of their credits through MOOCs courses from SWAYAM. In each semester we have offered one subject from MOOCs platform focusing on the subjects suitable for credit transfer. For each MOOCs courses, doubt clearing classes are scheduled by the department. Jharkhand Rai University, Ranchi have incorporated SWAYAM courses in final year courses as open elective. A large number of students of our university have already registered into numerous courses of SWAYAM and taken the examination for course certification. In the Fall Semester 2019, 403 students appeared in SWAYAMMOOCs out of which 153 students have earned the credit. Amongst 153 students, one student is Course Topper in Digital Signal Processing, 43 students have earned the Elite Certificate and 4 students earned the Elite Silver Certificate. After producing the certificate by the students, the respective student's mark sheet will reflect the subject and credit earned through MOOCs.

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

<https://www.jru.edu.in/institutionalvaluesandbestpractices/>

### 7.3 – Institutional Distinctiveness

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

Research and Innovation forms a significant part of our envisaged goals. Our aim is to integrate research development with academics and encourage our faculty members and students to carry on research in their respective areas of interest. The University is focused on interdisciplinary, collaborative and community based research which will help to generate excellent technologies responding to the needs of local, national and global interests. Creation of an agriculturally literate society is not only essential but is the need of the hour and our team strives to help the students in the learning process. Our Agricultural Education Program aims at raising awareness for food and farming. University has identified agriculture as the core area of research and the focus is on the use of technology in agriculture to grow chemical free green organic vegetables and medicinal herbs. The university has a setup of 1600 sq. m. of fully automatic green house as agriculture research center. This green house is completely automated with internal and external shading provision. It consist of triple shading devices to ensure fully controlled system so that the required environment can be achieved for the growth of healthy plants. The structure is tunnel shaped which can withstand air speed up to 110 km/hr. This greenhouse have different types of hydroponic systems with fully automated fertigation equipment and water filtration plant. This will provide exposure to our students, researcher and the local community in advance soilless technology used in organic farming using hydroponics. It is a matter of pride for the university that this facility will embrace latest technology available internationally and is first of its kind in the state. We inspire young people to think more deeply about sustainable agriculture, food supply and the role of science in this context. We are helping students and the rural community specially farmers to learn entrepreneurship to become change makers.

Provide the weblink of the institution

<https://www.jru.edu.in/about-us/about-jru/>

### **8.Future Plans of Actions for Next Academic Year**

- To start the B. Pharm Program after due approval from Pharmacy Council of India (PCI)
- To start the BA LLB Program after due approval from Bar Council of India (BCI)
- Infrastructural development of the University campus
- To start fully automated world class Mushroom Unit for agricultural research.
- Signing of MOU with industry and local partners.