



JHARKHAND
Rai University
RANCHI

ANNUAL REPORT

2024 -25

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ANNUAL REPORT 2024 -25



This report is submitted to the Honourable Visitor of the University

His Excellency 'The Governor of Jharkhand'

as well as to the

'Deptt. of Higher, Technical Education & Skill Development'

Government of Jharkhand

in accordance with

Sub-section 3 of section 46 and Sub-section 4 of section 47

Of Jharkhand Rai University Act 2011 (Jharkhand Act 03 of 2012).

Best efforts have been put in to incorporate full

and correct information.



Registrar

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ANNEXURE – A

- *Audit Report 2024 - 2025*

ANNEXURE – B

- *National Education Policy 2020 - Implementation at a Glance 2025 Vol 3*
- *IIC - 6.0 Vol 3*
- *Newsletter Fall 2024 FINAL*
- *University Outreach Program*
- *Sambit*

INTRODUCTION

Jharkhand Rai University (JRU), Ranchi is an esteemed university in the state of Jharkhand, established under “Jharkhand Act 03 of 2012” by the Jharkhand State Legislature. Since its establishment in 2012, JRU has gained a prominent reputation for its outstanding achievements in academics, research, and innovation. The spirit of innovation, modernisation, and student-centric teaching–learning approach, blended with a strong mentorship programme, is the cornerstone of academics at JRU. The focus on building skills, value systems, and character is an integral part of the JRU academic system. The university focuses on a holistic education ecosystem, where the goal is not only to make students work-ready but also good human beings. The university offers diplomas, undergraduate degrees, postgraduate degrees, and doctoral programmes in different disciplines.

JRU is a hub of transformative education. It strongly believes in the holistic development of students. The university strives to create the best possible learning environment through dynamic research, rigorous training, and efficient mentorship. It is committed to making higher education accessible to all, irrespective of caste, colour, or creed.

At JRU, we foster an atmosphere of rigour and discipline through innovative education. This helps students understand societal challenges and work in teams to tackle complex problems that benefit society.

With this objective, the university provides cutting-edge holistic learning. It develops promising youngsters into leaders of tomorrow with globally relevant, future-ready, and actionable intelligence. The aim is to make each student proficient in synthesising and analysing information. Students are encouraged to be ethical, socially responsible, and just when making decisions. JRU ensures inclusive and equitable quality education. It also promotes lifelong learning opportunities for all.

JRU aspires to be a vibrant community with a focus on teaching, learning, and community-based research. Our faculty members are experts in their fields and professionals in their own right. They bring creativity, ingenuity, and resourcefulness to the minds of students.

The university offers diplomas, undergraduate degrees, postgraduate degrees, and doctoral programmes in different disciplines. Curriculum plays a vital role in the holistic development of students. The university has designed a holistic curriculum for all programmes. It comprises core courses, specialisation courses, departmental electives that enhance employability skills, open electives, entrepreneurship-focused courses, and value-added courses that impart transferable and life skills.

Graduate attributes of the university are built on four pillars. These emphasise intellectual competency, self-growth and development, professional and ethical sensitivity, and social responsibility. The spirit of innovation, modernisation, and a student-centric teaching–learning approach, blended with a strong mentorship programme, is the cornerstone of academics at Jharkhand Rai University.

The focus on building skills, values, and character is an integral part of the academic system. The university promotes a holistic education ecosystem, aiming not only to make students work-ready but also to nurture them as good human beings.

INFRASTRUCTURE

Jharkhand Rai University has its own campus spread over 20 acres at Raja Ulatu, Namkum, Ranchi. It includes one lakh sq. ft. area of Academic Block, separate hostel buildings for boys and girls spread across 40,000 sq. ft. area, and an administrative block of 25,000 sq. ft.



ACADEMIC BLOCK

CLASSROOMS & SEMINAR HALL

Well-lit and ventilated classrooms at the university provide students with an encouraging and conducive environment for learning and focusing. All classrooms are well designed with comfortable seating arrangements.

To make our students competitive, we regularly organise national and international conferences, seminars, and workshops on campus. We also have a well-equipped seminar hall, specifically designed for hosting such events.



CLASSROOM



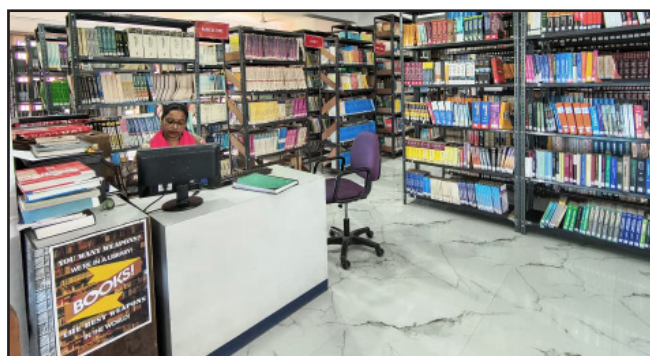
SEMINAR HALL



SEMINAR HALL

LIBRARY & READING ROOM

The university's state-of-the-art library is digital and accessible 24/7 via the internet. It is equipped with internet browsing facilities and a reading room. The library serves as the backbone of all academic activities on campus. The library at Jharkhand Rai University houses more than 28,000 textbooks, along with a wide range of reference materials, journals, magazines, periodicals, e-books, and audio-visual resources.



DRAWING LAB

The spacious Drawing Lab is facilitated with drawing boards & drawing instruments.



COMPUTER LABORATORY

The computer lab at the university covers 250 sq. metres. All desktops have seamless internet access. We provide a network of the latest computers, supported by printers, scanners, modems, and other peripheral devices. Staff members and students using laptops and smartphones can also benefit from the Wi-Fi facility available on campus.

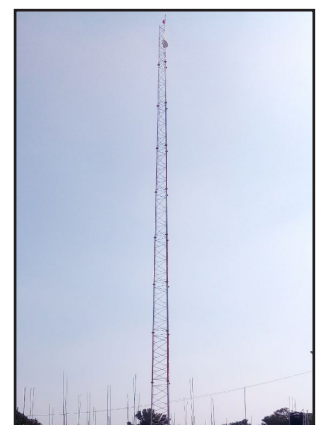


INTERNET CONNECTIVITY / WI-FI & REPROGRAPHICS FACILITY

The University has 300 Mbps dedicated fiber optics connectivity. The entire campus is Wi-Fi enabled and the connectivity is available to all the students and staff members using laptops / smart phones. Reprographics Facility is also available.



Reprographics Facility



Wifi Tower

HOSTELS

At JRU, we believe in creating a friendly ambience that supports the overall development of our students. Our aim is to ensure they live comfortably while balancing studies with extra-curricular activities.

The university provides hostel facilities for both boys and girls. At present, it accommodates around 192 boys and 192 girls within the campus, offering a safe and vibrant social environment. Hostel rooms are equipped with 24-hour power backup and security to ensure comfort and safety.



BOYS HOSTEL ROOM



GIRLS HOSTEL ROOM

HOSTEL BUILDING



Girls Hostel



Boys Hostel

STUDENTS' MESS & CAFETERIA

The students' mess provides healthy and nutritious food. The dining hall can serve more than 400 students for breakfast, lunch, and dinner. It has seating capacity for over 200 students at a time, offering a clean, comfortable, and hygienic environment.

At JRU, we believe that a healthy mind resides in a healthy body. We therefore ensure that the food served is wholesome and nourishing.

The cafeteria spans 3,500 sq. ft. and caters to both students and staff. It is a popular space where students can relax, unwind, and enjoy a variety of meals. The menu includes everyday favourites such as sandwiches, Indian snacks, fruit juices, cold drinks, milk, eggs, and beverages like tea and coffee. The cafeteria is open daily from 8 a.m. to 8 p.m.



Cafeteria



Students' Mess

OUTDOOR SPORTS FACILITIES



Volleyball



Cricket



Badminton



Football Ground

COMMON ROOM

At Jharkhand Rai University, we have a common room for both boys and girls. It is spacious, well-ventilated, and airy, providing students with a variety of recreational activities.

A display board is available where students can express their thoughts through drawing, painting, poems, stories, and other creative forms. The girls' common room has an attached washroom, equipped with a sanitary dispenser and an incinerator. The common room on the university campus provides a relaxing atmosphere for socialising, recreation, and the enhancement of knowledge.



AGRICULTURE (SOIL SCIENCE, GENETICS & HORTICULTURE LABORATORY)

The Department of Agriculture has Soil Science, Genetics & Horticulture Lab. Following equipments are available for these labs.



Sl. No.	Item Description
1	Digital pH meter with electrodes Systronics type
2	Digital Photoelectric colorimeter
3	Spectrophotometer Digital
4	Colorimeter
5	Mechanical shaker
6	Electrical/Chemical Balance
7	Sieve-2mm-0.2mm
8	Filter paper, pH paper, glassware, cleaning kit, stands, wooden racks
9	Filter paper whatmn no. 1, filter paper indicia, pH paper Merk, pH paper indicia, glassure, cleaning reagent
10	Insect collection net box
11	Preservation liquids. 500 ml
12	Preserved insect bottle
13	Culture media-bacteria and fungi
14	Microscope compound
15	Fungal, bacterial and algal slides
16	Sunshine recorder
17	Ordinary rain gauge
18	US open pan evaporimeter
19	Hot air oven
20	Incubator
21	BOD incubator
22	COD
23	Laminar flow
24	Single distillation unit
25	Gloves
26	Centrifuge machine
27	Centrifuge tubes
28	Pipettes micro
29	Blotting papers
30	Autoclave digital
31	Seed germination box
32	Hand refractometer
33	Petridishes and filter paper
34	Barometer
35	Digital thermo anemometer



36	Cup anemometer
37	Glasswares
	Pipette 1ml, 2ml, 5ml, 10ml
	Burette 50ml
	conical 100ml, 250ml, 500ml
	Beaker 100ml (5pc) , 250ml (5pc), 500ml (3pc), 1000ml (2pc)
	Measuring Cylinder 100ml (3pc), 250ml (1pc), 500ml (1pc)
	Volumetric flasks 100ml (2pc), 250ml (2pc)
38	Cotton plugs (non-absorbant)
39	soil hydrometer
40	Mortar and Pestle
41	Muffal furnace
42	Digestive system (Model)
43	Refrigerator
44	Fungal, bacterial and algal slides
45	Insect charts Matt finish
46	Blotting papers
47	Histological slides
48	Pick axe
49	Hand leveller
50	Garden rack
51	Shovel
52	Garden sword
53	Hand cultivator
54	Sickle
55	Hedge shear
56	Pruning saw
57	Grass shear
58	Khurpi
59	Furrow opener
60	Trowel
61	Rubber tapping tool
62	Prunning secateur
63	Budding, grafting, pruning knife
64	spade
65	Water can
66	Compound microscop ISI marked Almicro
67	Slides Blue star
68	Spirit Lamp
69	Petridish Tarsons
70	Petridish 75 mm Borosil
71	Petridish 100 mm Borosil
72	Beaker 100 ml Borosil

73	Beaker 250 ml Borosil
74	Beaker 500 ml Borosil
75	Conical flask 100 ml Borosil
76	Conical flask 250 ml Borosil
77	Conical flask 500 ml Borosil
78	Filter paper Indica
79	Litmus paper Red
80	Litmus paper Blue
81	Innoculating loops
82	pH paper
83	Ethanol
84	Methanol
85	Distilled water
86	Safranine
87	Acetone
88	Sodium hydroxide
89	Sodium Chloride
90	Sucrose
91	Slides
92	Conical flask 1000 ml
93	Dextrose
94	Lugol's Iodine
95	Plastic Pots
96	Neembolin
97	Knapsack Sprayer
98	Hedge Shear
99	Hand Hoe
100	Khurpi
101	Pruning Saw
102	Spade
103	Secateur
104	Wired Hand Rake



ENGINEERING GEOLOGY LAB

The Department of Mining Engineering. Following equipments are available for these labs.



Sl. No.	List Of Instrument/Models
1	Brunton Compass Indian make body in a case.
2	Clinometer brass body.
3	Daigonal Scale
4	Protetector (360 & 180)
5	Compass divider set in a box full set
6	Streak Plate 2½ x 2½ size
7	Pocket lens 10x magnification double fold bakelite mount
8	Rhynchonella
9	Trigonia
10	Conus
11	Murex
12	Physa
13	Cidaris
14	Stigmatophygus
15	Geological Microscope Petrological Polarising Microscope with Optics.(Censico make)
16	Mineral Hardness box with 9 Minerals one streak Plate, one small magnet, small knife in a box
17	Specimen of Gabbro 6x8 cm approx
18	Specimen of Basalt 6x8 cm approx
19	Specimen of Schist 6x8 cm approx
20	Specimen of Gneiss 6x8 cm approx
21	Specimens rock sample in a box size 5x7 cm set of 30 nos. in a box
22	Thin Sections on Minerals for Microscopic studies set of 20 in a box
23	Thin Sections of Rocks for Microscopic studies set of 20 in a box.
24	Specimen Mineral Sample in a box set of 20 nos. 5x7 cm in a box.
25	Cylindrical rock sample for material testing

PHARMACY LAB

The Department of Pharmaceutical Sciences. Following equipments are available for these labs.

CENTRAL INSTRUMENT LABORATORY

Sl No	Name of Instruments	Quantity
1	HPLC (Labtronics)	1
2	Syringe, C18 packed column	1,1
3	Digital Ultrasonic Cleaner	1
4	UV-VIS spectrophotometer (Shimadzu 1710)	1



MACHINE ROOM LABORATORY

Sl. No.	Name of Instruments	Quantity
1	Tube sealing machine	2
2	Collapsible tube sealing machine	1
3	Capsule filling & sealing machine	1
4	Ointment & tube filling machine	1
5	Disintegrater	1
6	Double cone mixer	1
7	Tablet coating machine	1
8	Ion exchanger	1
9	Bottle filling machine	1
10	Ampoule washing machine	1
11	Ampoule filling & sealing machine	1
12	Mechanical sieve shaker	1
13	Bottle crimping machine	1
14	Tablet punching machine	1



PHARMACEUTICAL ANALYSIS LABORATORY

Sl. No.	Name of the Instrument	Quantity
1	Heating Mantle	1
2	Hot Air Oven	2
3	Weighing Balance	1
4	Water Bath	1
5	Muffle Furnace	1
6	distillation unit	1
7	polarimeter	1
8	Digital pH meter	4
9	Hot Plate	1
10	Digital conductivity meter	1
11	Digital photo colorimeter	1
12	Digital potentiometer	1
13	Vaccum pump	2
14	Digital photo fluorometer	1
15	Digital flame photometer	1
16	Compressor .	1
17	Bio chemistry analyzer	1

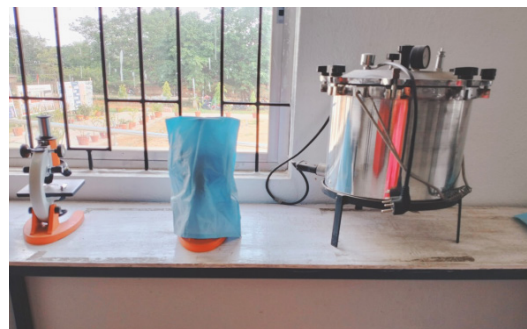
**PHARMACEUTICAL CHEMISTRY LABORATORY**

Sl No.	Name of the Instrument	Quantity
1	Refrigerator	1
2	Muffle furnace	1
3	Vaccum pump	1
4	Water bath	2
5	Magnetic stirrer hot plate	4
6	Hot plate	5
7	Heating mantle	2
8	Mechanical stirrer	3
9	Distillation unit	1
10	Hot air oven	3
11	Melting point apparatus	1
12	weight machine	4
13	Digital nephlo meter	1
14	PH meter	1
15	Vaccum filter	1
16	Analytical balance	5
17	weight machine	1
18	High precision balance	1



PHARMACEUTICAL MICROBIOLOGY / PHARMACY PRACTICE LABORATORY

S.No.	Instrument	Quantity
1	CENTRIFUGE	1
2	DIGITAL COLONY COUNTER	1
3	BACTERIOLOGICAL INCUBATOR	1
4	HOT AIR OVEN	1
5	DIGITAL pH METER	1
6	COMPOUND MICROSCOPE	2
7	AUTOClave	1
8	LABORATORY GLASS THERMOMETER	7
9	STETHOSCOPE	5
10	SINTERED GLASS FILTER CUP	4
11	CORK BORER	1
12	EYE PIECE 10X (WIDE ANGLE)	2
13	EYE PIECE 15X	3
14	TRIPOD STAND / WIRE	2
15	MEMBRANE FILTER	2
16	BUNSEN BURNER	4
17	FORCEP STEEL	1
18	SPATULA PLASTIC / STEEL	4
19	INOCULATING LOOP / WIRE	11
20	CLINICAL THERMOMETER	1
21	QUALITATIVE FILTER PAPER	2 BOXES
22	LAMINAR FLOW CABINET	1



PHARMACEUTICS LABORATORY - I

Sl. No.	Name of the Instrument	Quantity
1	HUMIDITY CHAMBER	1
2	MOISTURE BALANCE	1
3	DIGITAL BALANCE	3
4	COMPOUND MICROSCOPE	6
5	HOT PLATE	4
6	HEATING MANTLE	2
7	HOT AIR OVEN	4
8	UV CHAMBER	1
9	BOD CHAMBER	1
10	FRIBILATOR	1
11	DIGITAL ULTRASONIC CHAMBER	1
12	AUTOCLAVE	1
13	ASEPTIC CHAMBER	1
14	CENTRIFUGE	1
15	DSSICATOR	2
16	WATER BATH	3
17	HOT P;LATE WITH MAGNETIC STIRRER	1
18	PH METER	4
19	BULK DENSITY APPARATUS	1
20	VACCUM PUMP	3
21	TINCTURE PRESS	1
22	STEAM DISTILLATION	2
23	HARDNESS TESTER	5
24	BLENDER	1
25	MICROPIPETTE MULTICHANNEL	2
26	NORMAL MICROMETER	2



PHARMACEUTICS LABORATORY - II

Sl No	Name of Instruments	Quantity
1	Tray Dryer	1
2	Magnetic Stirrer	2
3	Autoclave	2
4	Hot plate	1
5	Ball mill	1
6	Bacteriological Incubator	1
7	Ultrasonic cleaner	1
8	Roche's Friabilitor	1
9	Dissolution rate test apparatus	1
10	Tablet Disintegration test apparatus	Single-1, Double-1
11	Tablet Dissolution test apparatus	1
12	Antibiotic zone reader (analog)	1
13	Digital colony counter	1
14	Simple Microscope	17
15	pH Meter	1
16	Water bath	1
17	Digital balance	2
18	Bulk density apparatus	1



PHARMACOGNOSY LABORATORY

Sl. No.	Name of Instruments	Quantity
1	Compound Microscope	24
2	Heating Mantle	4
3	Hot Air Oven	2
4	Weighing Balance	3
5	Water Bath	2
6	Muffle Furnace	1
7	Projection Microscope	2
8	UV Chamber	1
9	Digital ph meter	1
10	Hot Plate	5
11	Centrifuge	1
12	Rotary Flask Shaker	1
13	Electrophoresis	1
14	Digital Ultrasonic Cleaner	1
15	Distillation Plant	1
16	Electronic Mixer	1
17	Hand Grinder	1
18	Simple Microscope	31
19	Binocular Microscope	1
20	Autoclave	2
21	Camera lucida	20



HUMAN ANATOMY AND PHYSIOLOGY LABORATORY

SL No	Name of Instrument
1	ROTATING DRUM
2	STUDENT ORGAN BATH
3	ANALGESIOMETER
4	MICROSCOPE
5	SELF BP KIT
6	SPHYGMOMANOMETER
7	HEMOCYTOMETER
8	AIR PUMP
9	STETHOSCOPE
10	THERMOMETER

SL NO	NAME
1	MALE REPRODUCTIVE SYSTEM
2	HUMAN MUSCLE
3	EAR ,NOSE ,THORAT
4	HUMAN EAR
5	HEART

**PHARMACOLOGYLABOTARY**

SL No	Name of Instruments	Quantity
1	PH Meter Digital	1
2	Digital Rota Rod	1
3	Refrigerated Centrifuge	1
4	Centrifuge	1
5	Spirometer	1
6	Pole Climbing	1
7	Histamine Chamber	1
8	Kymograph	2
9	Organ Bath (Single Unit)	2
10	Acto Photometer	1
11	Tele Thermometer	1
12	Student Stimulator	1
13	Convulsometer	1
14	Analgesiometer	1
15	Microscope	10
16	Weighing Balance	1
17	Sthethoscope	8
18	sphygmomanometer(mercury)	2
19	sphygmomanometer	7
20	Haemometer	10
21	Haemocytometer	10
22	Computer System with Expharm software	1



PHYSIOTHERAPY LAB

The Department of Physiotherapy (BPT). Following equipments are available for these labs.

PHYSIOLOGY LAB

Item	Quantity
Prepared Slides (common)	620
Model of Circulatory System Big	1
Model of Respiratory System Big	1
Model of Nervous System Big	1
Model of Human Embryo Development	1
Model of Digestive System Big	1
Reflex Hammer	1
Stethoscope	1



ELECTROTHERAPY & ELECTRO DIAGNOSIS LAB

Item	Quantity
Hot Water Bag	6
Wax Bath	3
UVR Lamp	1
Ultrasonic Machine	3
Beurer Infrared Lamp	2
Muscle Stimulator	6
TENS Unit	2
Interferential Therapy Unit	2
Laser Therapy Unit	1
Examination Table with Mattress	8
Ultrasound Jelly (5kg)	6
Crepe Bandage 10cm	40
ECG Gel	2
Paper Tape 1 inch	2
Paraffin Wax 400ml	1
Instrument Tray	1
Digital Weight Machine	1
SWD 500W	1
IFT-65 Programmer	1
Traction Machine	1
Traction Bed	1
Vacuum Suction Set	2
Chiropractic Gun	1
CPM Machine	1
Cold Pack	1
Hydrocollator Unit	1
Brush Paraffin	1



KINESIOLOGY & KINESIOTHERAPY LAB

Item	Quantity
Parallel Bar with Mirror	1
Stair Case	1
Suspension Apparatus	1
Ergocycle	2
Rowing Machine	1
Dumbell 1 Kg	3
Dumbell 2 Kg	2
Dumbell 2.5 Kg	2
Dumbell 3 Kg	3
Dumbell 5 Kg with Rod	1
Weight Cuff 0.5 Kg	2
Weight Cuff 1 Kg	2
Weight Cuff 2 Kg	2
Sand Bag	1
Medicine Ball 1 Kg	3
Medicine Ball 2 Kg	3
Medicine Ball 3 Kg	3
Hand Grip Dynamometer	1
Shoulder Wheel	2
Finger Ladder	2
Crutch	3
Elbow Support Stick	2
Walker (Psl Black Acheure)	2
Wobble Balance Board	2
Quadriceps Table	1
Pelvic Inclinator	1
Hand Evaluation Kit	1
Ankle Exerciser	2
Mini Cycle Bed Cycle	1
Exercise Wheel Chair	1
Powder CTD SAIL	1
Crutch Under Arm Medium	3
Flamicrope Walking Stick	2
Respirometer	1
Gel Bag	1
Ortho Samson Elbow Crutch	1
Walker Plain (Tynor)	1
Goniometer	2
Goniometer Set	3
Theraband Set	1
Laser Exercise Band	1
Weight Cuff Set 0.5-3 Kg	6
Pedal Exerciser Arm Leg	1



Hand Grip Hand Exerciser	1
Physio Ball (Pink 21)	1
Physio Ball (Blue)	1
Swiss Ball	3
Shoulder Pulley	2
Wrist Strengtheners Supinators	1
Foam Roller	1
Tilt Table	1
Dumbell Stand	1

ANATOMY LAB

The Department of Physiotherapy. Following equipments are available for these labs.

Item	Quantity
Model of Human Torso Big	1
Model of Heart Big Size	1
Model of Lungs Big	1
Model of Kidney Big	1
Model of Brain Big	1
Model of Human Head and Neck	1
Model of Articulated Skeleton	1
Model of Human Skeleton	1
Disarticulated Skeleton	1
Model of Human Skull	1
Model of Shoulder Joint	1
Model of Elbow Joint	1
Model of Hip Joint	1
Model of Knee Joint	1
Model of Foot Joint	1
Model of Vertebral Column	1
Model of Hand Joint	1
Model of Adult Male Pelvis	1
Model of Human Pumping Heart 3D	1
Model of Male Urogenital System	1
Model of Female Urogenital System	1
Fiber Human Skeleton Articulated	1
Human Skeleton with Stand	1
Human Skeleton Disarticulated Bone Set	2
PVC Chart HMP Series	1
PVC Chart HP Series	1
Rexine Charts Ch Series	1
Model of Liver on Stand	1
Model of Skin Big	1
Bone Disarticulated Chart	1



BASIC ELECTRICAL & ELECTRONICS ENGG. LAB

The Department of Mining Engineering. Following equipments are available for these labs.

Sl. No.	Item Description	Quantity
1	Soldering Iron	1
2	Switch 1 Way	1
3	Solder	1
4	Paste	1
5	Tape	1
6	Desoldering Pump	1
7	Tester	1
8	Cutter	1
9	Screwdriver Set	1
10	Diamond File	1
11	Nipper	1
12	Plier	1
13	Captain Circlip	1
14	Wire Stripper	1
15	Holder	1
16	Screwdriver Set	1
17	Crimping tool	1
18	Digital Multimeter	1
19	PVC Board	1
20	PVC Board	1
21	1.0 mm Wire	1
22	1.5 mm Wire	1
23	2.5 mm Wire	1
24	Screw	1
25	Plash 6mm	1
26	Plash Nose 6mm	1
27	Cross Hammer	1
28	Ball Pen Hammer	1
29	Haksaw Blade	1
30	Inch tape	1
31	Inch tape	1
32	Ari 14mm	1
33	Ari 16mm	1
34	Haksaw frame	1
35	Hand Drill	1
36	Hammer Taparia	1

37	Chesel 8mm	1
38	Chesel 6mm	1
39	Electrical Work Bench	1
40	Panel for measurement of power in three phase circuit by three wattmeter method	1
41	Panel for measurement of power in three phase circuit by two wattmeter method	1
42	Measurement of efficiency of single phase transformer(Direct loading)	1
43	Determination of parameter and lossess in a single phase transformer by OC and SC test	1
44	Starting and reversing of DC shunt motor	1
45	Load test of DC shunt motor	1
46	Measurement of power in three phase circuit by CT,PT and three phase wattmeter	1
47	Variac 4 Amps three phase	1
48	Variac 8 Amps single phase	1
49	Loading rheostat 2 KW single phase in 8 step of 250 watt each	1
50	Transformer 1KVA/230/230 VAC with tapping at 50% and 86.6%	1
51	Starter DC motor 1 HP(3 point)	1
52	Loading arrangement for DC shunt motor 1HP	1
53	Speed Control of DC Shunt Motor(By Armature and field control Method)	1
54	Loading Rheostat 3KW 3-phase 148 steps	1
55	DC Shunt Motor 1 HP	1
56	Tachometer 2 in 1	1

APPROVALS AND RECOGNITIONS

Jharkhand Rai University (JRU) has been established under “Jharkhand Rai University Act, 2011” by Jharkhand State Legislature as per section 2(f) of UGC Act 1956. JRU is an ISO certified University, (ISO 9001:2015) and is Approved by UGC



**Govt. of
Jharkhand**



ज्ञान-विज्ञान विमुक्तये
UGC



**Association of
Indian Universities**



**Pharmacy Council
of India**



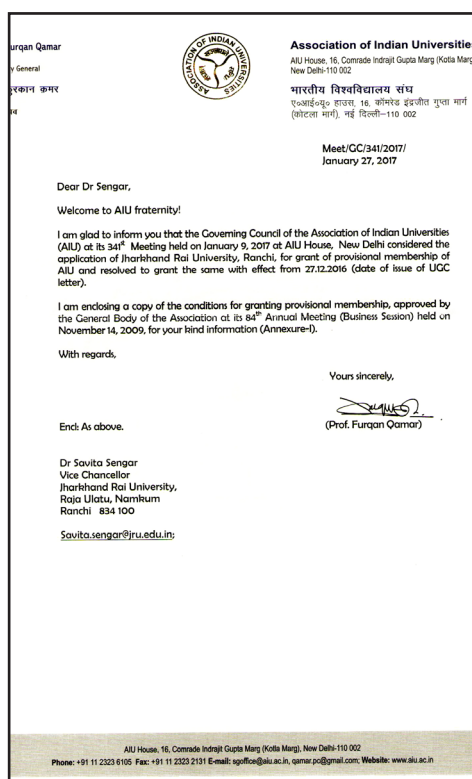
**Bar Council
of India**

UNIVERSITY ACHIEVEMENTS

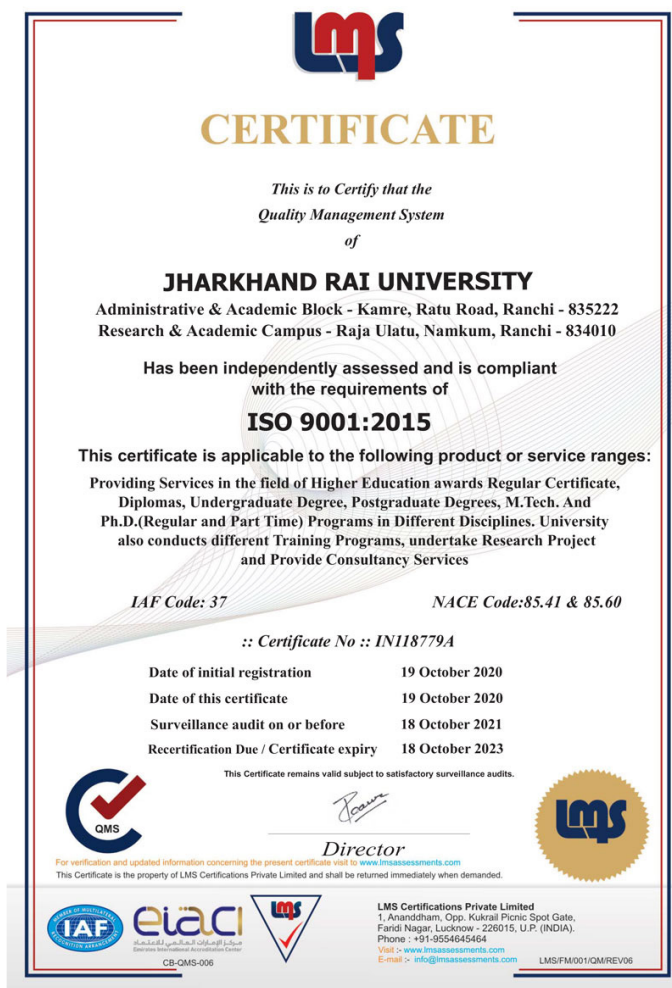
- Jharkhand Rai University is the only private university which has been made a member of Jharkhand State Higher Education Council, established by the Department of Higher and Technical Education, Government of Jharkhand with the object of (i) promoting academic excellence and social justice by the Government in policy formulation and perspective planning, (ii) ensuring the autonomy, accountability and coordination among all institutions of higher education in the state, and (iii) guiding the harmonious growth of higher education in accordance with the socio-economic requirement of the state.
- The Hon'ble President of India has recognized the leadership of Jharkhand Rai University (JRU) by appointing its Chancellor to the Board of Management of Babasaheb Bhimrao Ambedkar University in Lucknow, Uttar Pradesh, a Central University established by an Act passed by the parliament. This nomination underscores the significant role JRU plays in the higher education landscape.
- The Academic Bank of Credit has been implemented to facilitate the academic mobility of students under multiple entry and exit scheme. We have proactively updated all credits earned by students on DigiLocker, ensuring that all degrees and certificates awarded since our first convocation are accessible on this platform.
- The university has secured the second rank in the utilization of Virtual Labs among all institutions in Jharkhand for the year 2024, as acknowledged by the Virtual Labs Team at the Indian Institute of Technology, Delhi. This achievement reflects our commitment to the digitization of education, aligning with the objectives of the National Education Policy (NEP), which emphasizes the integration of technology in learning to enhance the educational experience and make it more accessible and innovative.
- The Institution Innovation Council of Jharkhand Rai University has consistently been recognized as one of the top achievers in the state of Jharkhand, receiving the highest star rating from the Ministry of Education, Government of India, for the past four consecutive years.
- Our students have initiated & registered 19 successful start-ups so far mainly in the areas of aggrotech, Food Technology, IT Services, & E-Commerce. One of our students has received a National Award in the category of Entrepreneur as Iconic Entrepreneur for Excellent Nation Building & Social Welfare at National level.
- JRU got the recognition for Best Poster in the Eastern Regional Meet 2025 of Institutions' Innovation Council organized by Ministry of Education's Innovation Cell, Government of India, hosted by JIS University, Kolkata.
- One of our faculty members, Prof. Rashmi, Assistant Professor, has been honored as the Best Innovation Ambassador at the Eastern Regional Meet 2025 of the Institution Innovation Council, organized by the Ministry of Education, Government of India.
- Over the past six years, the university has registered 34 patents and facilitated strong industry connections that enhance classroom learning. It is noteworthy to mention here that in the Year 2024-25, our faculties have published Research Papers/ Book/ Book Chapters in more than 100 journals of repute.
- The University has signed 42 MOUs with Industries & Academic Institutions to foster collaboration in research and development, aligning academic programs with industry needs, and provide internship & placement opportunities for students.
- The Ph.D. research work of one of our faculty members, Mr Sudipto Mangal, Assistant Professor, has been selected for the UK Ghosh Memorial Young Scientist Award - 2025, with his contribution recognized as one of the top four papers chosen for this prestigious honor.
- One of our faculty members, Dr. Kumar Amrendra, Assistant Professor, has been recognized as a Resource Person in the UGC Capacity-Building Program on Indian Knowledge System at the Malviya Mission Teacher Training Centre, Devi Ahilya University, Indore, M.P.

UNIVERSITY ACHIEVEMENTS

- Our university organized three international conferences that focused on significant global themes. The conferences are -
 - “Recent Advances in Artificial Intelligence for Sustainable Development (RAISD 2025)” in association with Springer Nature
 - “Integrating Traditional Medicine into Modern Healthcare Systems”
 - “Innovative Convergence for Sustainable Future (ICICSF-2025)”
- These events attracted participants from various countries, including the USA, Denmark, Malaysia, Bangladesh, Canada, Sri Lanka, Poland, and Dubai, showcasing our commitment to fostering international collaboration and knowledge exchange.
- The university organized two National Level Faculty Development Programs aimed at enhancing educational practices. The first program focused on “Transforming Education for Sustainable Development: A Roadmap for Implementing NEP 2020 and SDGs in Higher Education Institutions,” while the second addressed “Outcome Based Education: The Future of Teaching & Learning in Higher Education Institutions.” These initiatives saw participation from over 100 faculty members representing various universities across India reflecting our commitment to professional development and academic excellence.



Jharkhand Rai University is a member of Association of Indian Universities (AIU) & also an ISO certified University



UNIVERSITY ACHIEVEMENTS



INSTITUTION'S INNOVATION COUNCIL

(Ministry of Education Initiative)


**JHARKHAND
Rai University**
RANCHI


 शिक्षा मंत्रालय
MINISTRY OF
EDUCATION


 MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)


 INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)



**WE HAVE MADE IT TO
THE STATE'S TOP COHORT FOR INNOVATION,
FOURTH YEAR IN A ROW**



RATED 3.5 STARS

In The Institution's Innovation Council IIC 6.0 (2023-24) by
Ministry of Education, Govt. of India

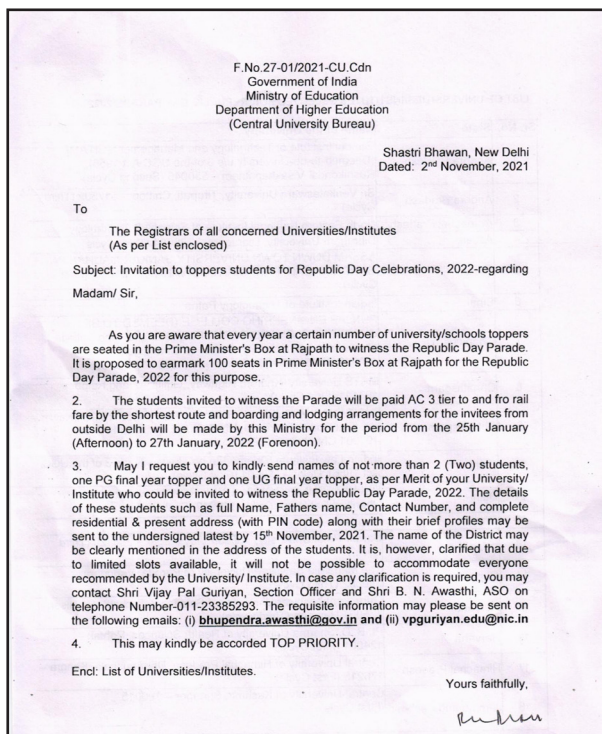
Proud to be among the Top Performing Institutions across Pan India in Higher Education.

Institution's Innovation Council (IIC) established at JHARKHAND RAI UNIVERSITY , RANCHI had undertaken various activities prescribed by Innovation Cell, Ministry of Education, Govt. of India to promote Innovation and Start-up in campus during the IIC calendar year 2023-24 and received 3.5-star rating in the Annual Performance of Institution's Innovation Council 6.0 (2023-24) by Ministry of Education, Govt. of India.

UNIVERSITY ACHIEVEMENTS



Best Poster in the Eastern Regional Meet 2025 of Institutions' Innovation Council organized by Ministry of Education's Innovation Cell, Government of India, hosted by JIS University, Kolkata



Jharkhand Rai University is amongst the top 54 institutes across India to be invited by the Ministry of Education, Govt. of India to witness the Republic Day Parade 2024 from the Prime Minister's Box.

UNIVERSITY ACHIEVEMENTS

JRU is amongst the few selected Universities in India to conduct Impact Lecture series by the Ministry of Education's Innovation Cell (MIC), Govt. of India for creating the ecosystem of innovation and entrepreneurship.

Table-1: List of HEIs Selected for Organising Impact Lectures in online mode

(N-E States, J&K, Ladakh, other Himalayan States & Aspirational Districts of Country)

Sr. No.	IIC ID	Institute Name	State
1	IC201912705	DADI Institute of Engineering & Technology	Andhra Pradesh
2	IC201810240	Gayatri Vidya Parishad College for Degree & PG courses	Andhra Pradesh
3	IC201811225	National Institute of Technology Arunachal Pradesh	Arunachal Pradesh
4	IC202013373	B.N. College	Assam
5	IC201810335	Nowgong College	Assam
6	IC201912828	Biswanath College	Assam
7	IC202014335	Dhing College	Assam
8	IC201810284	Suren Das College	Assam
9	IC201912256	Assam Royal Global University	Assam
10	IC202115653	Kakojan College P.O. Kakojan--	Assam
11	IC201810631	National Institute of Technology	Assam
12	IC201811418	Jaypee University of Information Technology	Himachal Pradesh
13	IC202015304	INSTITUTE OF CHARTERED FINANCIAL ANALYSTS OF INDIA UNIVERSITY	Himachal Pradesh
14	IC201810644	Central University of Himachal Pradesh	Himachal Pradesh
15	IC201912205	Govt. College of Engineering & Technology	Jammu and Kashmir
16	IC202014764	Govt. College for Women Nawakadal	Jammu and Kashmir
17	IC201810229	National Institute of Technology	Jammu and Kashmir
18	IC201810525	Government General Zorawar Singh Memorial Degree College	Jammu and Kashmir
19	IC201810489	Baba Ghulam Shah Badshah University	Jammu and Kashmir
20	IC202013447	CHAIBASA ENGINEERING COLLEGE	Jharkhand
21	IC201810473	UNIVERSITY COLLEGE OF ENGINEERING & TECHNOLOGY	Jharkhand
22	IC201811124	Birla Institute of Technology	Jharkhand
23	IC201912699	JHARKHAND RAI UNIVERSITY	Jharkhand
24	IC201810427	Central University of Jharkhand	Jharkhand
25	IC201911985	AMITY UNIVERSITY	Jharkhand
26	IC201810823	Maharashtra Institute of Technology Gramaudyogik Shikshan Mandal's	Maharashtra
27	IC201810765	Maulana Azad Educational Trust's Y.B.Chavan College of Pharmacy	Maharashtra
28	IC201811336	Government College of Engineering	Maharashtra
29	IC201810659	Dr. Babasaheb Ambedkar Marathwada University	Maharashtra
30	IC201811276	M.G.M's Jawaharlal Nehru College of Engineering	Maharashtra
31	IC201912124	National Institute of Technology Manipur	Manipur
32	IC202115548	MANIPUR TECHNICAL UNIVERSITY	Manipur
33	IC202015433	St. Edmund's College	Meghalaya
34	IC202014433	Centurion University of Technology and Management	Odisha
35	IC201912653	Sikkim Manipal Institute of Technology	Sikkim
36	IC201810921	The Thassim Beevi Abdul Kadar College for Women	Tamil Nadu
37	IC202015476	P.A.C. RAMASAMY RAJA POLYTECHNIC COLLEGE	Tamil Nadu
38	IC202014854	RAJAPALAYAM RAJU'S COLLEGE	Tamil Nadu
39	IC201912095	SFR COLLEGE FOR WOMEN	Tamil Nadu
40	IC201912211	National Institute of Technology	Tripura
41	IC202014336	Gurukul Kangri Vishwavidyalaya	Uttarakhand
42	IC201811706	Hemwati Nandan Bahuguna Garhwal University	Uttarakhand
43	IC201811670	Graphic Era University	Uttarakhand
44	IC201810432	National Institute of Technology Uttarakhand	Uttarakhand

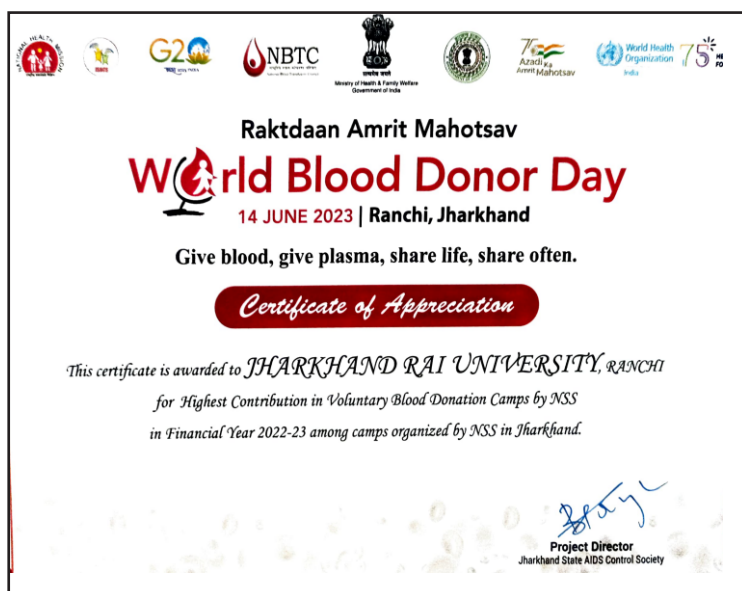
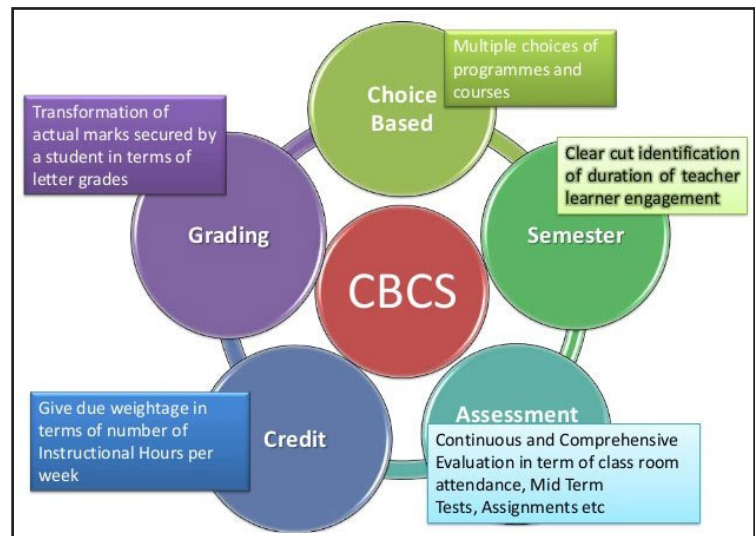


JRU is selected amongst 5 Institutes in Jharkhand as a mentee to promote innovation & entrepreneurship and further establish an incubation center under the mentorship of IIT Dhanbad by IIC, Ministry of Education, Govt. of India

40	Indian Institute of Technology, DHANBAD, Jharkhand, Eastern/ERO IC201810469	JHARKHAND RAI UNIVERSITY	Jharkhand	Eastern/ERO
		CHAIBASA ENGINEERING COLLEGE	Jharkhand	Eastern/ERO
		Central University of Jharkhand	Jharkhand	Eastern/ERO
		BIT Extension Center Deoghar	Jharkhand	Eastern/ERO
		Birla Institute of Technology	Jharkhand	Eastern/ERO

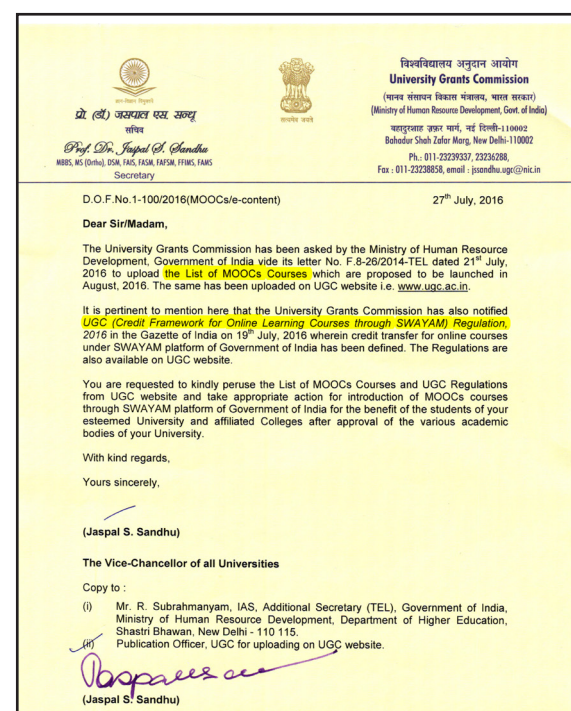
UNIVERSITY ACHIEVEMENTS

Fully adopted the Choice based Credit System (CBCS) across all the programs



Certificate of Appreciation for Highest contribution in Voluntary Blood donation camps by NSS in financial year 2022-23 among campus through NSS

Fully Adopted Credit Transfer Mobility through Swayam MOOCs as per UGC Credit Framework Regulations 2016.



STUDENTS' STARTUP

Sl. No.	Name	Enrollment No.	Name of the Start-up	Nature of Start-up	Year of Commence-ment	Department
1	KARTIK KUMAR HARLALKA	BB/19/032	USHA VARIETY STORE	SERVICE PRO-VIDER	2003	DEPARTMENT OF MANAGEMENT
2	KUMAR YASH	BB/19/048	MAA SAVITRI ENTERPRISES	TRANSPORT AND REAL ESTATE	2011	DEPARTMENT OF MANAGEMENT
3	ANIL KUMAR MAHTO	MB/22/040	POT MAKING	SUPPLIER	2015	DEPARTMENT OF MANAGEMENT
4	MR. VISHAL SAHU	MB/14/22	E-MURGA	E-COMMERCE	2016	DEPARTMENT OF MANAGEMENT
5	MR. PRASENJEET KUMAR	BA/15/036	CULTIVATION OF RARE NONI	AGRICULTURE	2016	DEPARTMENT OF AGRICULTURE
6	SUNNY SINGH		AN OWL'S EYE	ONLINE TRACKING OF SCHOOL BUS	2016	DEPARTMENT OF CS&IT
7	SAYAN BHATTACHARYA	LLB/21/016	ONLINE SYSTEM AND SOLUTION	COMPLETE COMPUTER SOLUTIONS	2016	DEPARTMENT OF LEGAL STUDIES
8	RAJESH PRASAD, SHUBHAM RANA, SUNEEL KUMAR, HRI-SHIKESH MAJHI, JITENDRA KUMAR SHARMA, DHAR-MENDRA THAKUR		KHELTE RAHO	SPORTS EVENT MANAGEMENT, ONLINE SCOR-ING	2017	DEPARTMENT OF CS&IT
9	MR. SHYAM SUNDAR PRAD-HAN	MC/L/18/001	SP WEBCARE	WEB DEVELOP-MENT, SOFT-WARE DEVEL-OPMENT, IT TRAINING	2018	DEPARTMENT OF CS&IT
10	NIRAJ KUMAR	LLB/21/015	SHRI SHIV TRAVELS	PUBLIC TRANS-PORT SERVICE	2018	DEPARTMENT OF LEGAL STUDIES
11	HEMANT KUMAR	BALLB/22/001	HORIZON CREATION	PROPRIETOR-SHIP (CLOTHES)	2018	DEPARTMENT OF LEGAL STUDIES
12	MR. PRASENJEET KUMAR	BC/19/078	JIVANBODH AGROTECH	AGROTECH	2019	DEPARTMENT OF AGRICULTURE
13	MR. PRASENJEET KUMAR	BC/19/078	DIVYANSH HATCHERY AND FARM EQUIPMENTRS	BUSINESS (DEALERSHIP)	2019	DEPARTMENT OF AGRICULTURE
14	MR. SHASHWAT KUMAR	BC/19/078	BERGBITE FOOD TECH	FOOD TECH-NOLOGY	2020	DEPARTMENT OF CS&IT
15	MS. ANSHIKA TRIPATHI	DE/18/028	ARUMA	FIRM	2020	DEPARTMENT OF ELECTRICAL ENGG.
16	MUSKAN PRIYADARSHANI	BT/17/035	EDUBARD	E-CONSULTAN-CY	2020	DEPARTMENT OF CS&IT
17	ASHISH KUMAR	MB/22/027	MVA ROBOTICS INNOVATION ORG	ROBOTICS AND INNOVATION (TECH INDIA)	2020	DEPARTMENT OF MANAGEMENT
18	Kumari Kritika	BPT/24/039	kritikajaiswalll	Brand Collabra-tion	2020	DEPARTMENT OF PHYSIOTHERAPY

STUDENTS' STARTUP

19	MR. PRASENJEET KUMAR	BC/19/078	BANO KISAN (NGO)	AGROTECH	2021	DEPARTMENT OF AGRICULTURE
20	MS. EKTA KUMARI	BA/17/085	MUSHROOM AND MUSH-ROOMS	AGRICULTURE	2021	DEPARTMENT OF AGRICULTURE
21	MR. RAJENDRA KUMAR MAHATO	BA/17/004	OTLAR LIFE PVT LTD	YOUTH EM-POWERMENT	2021	DEPARTMENT OF AGRICULTURE
22	Lalit Vikram Singh	BPT/22/004	LVS Vlogs	Youtube advertising, Video Editing	2021	DEPARTMENT OF PHYSIOTHERAPY
23	MR. RAJENDRA KUMAR MAHATO	BA/17/004	KRS MULTIPRO PVT LTD.	WOMEN EM-POWERMENT	2022	DEPARTMENT OF AGRICULTURE
24	MR. VISHAL KUMAR	BA/19/057	FETIDA ORGANICS	BIO-FERTILIZERS AND VERMICOMPOSTS	2022	DEPARTMENT OF AGRICULTURE
25	MR. DANISH NAZEER	MBWP/20/002	M/S M NAZEER	WAREHOUSING SOLUTIONS AND MANPOWER SERVICES	2022	DEPARTMENT OF MANAGEMENT
26	MR. AMIT KUMAR	MC/L/19/005	LEBEN KETTE	FOOD TECHNOLOGY	2022	DEPARTMENT OF CS&IT
27	MR. ROUSHAN KUMAR	MC/L/19/019	SOFOBIT	A TRADEMARK APPLICATION	2022	DEPARTMENT OF CS&IT
28	ANAND KUMAR	7269	GROCERY SHOP	PRODUCT BASE SERVICE	2022	DEPARTMENT OF MANAGEMENT
29	NIRANJAN KUMAR	MB/22/050	VEENA TEXTILE	TEXTILE	2022	DEPARTMENT OF MANAGEMENT
30	BABLU PRAMANIK	7544	BARBER SHOP	SERVICE PROVIDER	2022	DEPARTMENT OF MANAGEMENT
31	Arpit Shiney Guria J	BALLB/21/009	Little Blessings Day Care	Day Care Center for 3months to 10 year olds + after school day care for upto 10th class students . Daycare com creche.	2022	DEPARTMENT OF LEGAL STUDIES
32	Lesanullah Hussaini	BPT/22/028	Electro Brain	Computer Assembling	2022	DEPARTMENT OF PHYSIOTHERAPY
33	MANISH SINGH	MBWP/22/004	STARDOM BY ASHPREET	BEAUTY & SKINCARE SERVICES (BEAUTY SALON)	2023	DEPARTMENT OF MANAGEMENT
34	RAJEEV RANJAN	MB/22/019	EVERGREEN SERVICES	SERVICE PROVIDER (MANPOWER SUPPLYS AND DEBT RECOVERY SERVICES)	2023	DEPARTMENT OF MANAGEMENT
35	JAYCHANDRA KUMAR MEHTA	MB/22/051	AG CAREER CONSULTANT	SERVICE PROVIDER	2023	DEPARTMENT OF MANAGEMENT
36	RANJIT KUMAR	MB/23/035	RS ADVERTISING (DIGITAL MARKETING)	SERVICE PROVIDER FOR ENTREPRENEUR	2023	DEPARTMENT OF MANAGEMENT

STUDENTS' STARTUP

37	VISHVA MOHAN SHARMA	LLB/21/009	VISHAL AND AAKASH ASSOCIATE	CONSERVATION AND RESTORATION WITH FAST SETTING ADHESIVE	2023	DEPARTMENT OF LEGAL STUDIES
38	SAMIR KUMAR SAHOO	LLB/22/002	TAX WAY	DIRECT TAX AND INDIRECT TAX	2023	DEPARTMENT OF LEGAL STUDIES
39	Nitin Singh	BPT/24/038	Art-my2crush	Portrait, Painting, Sketching, wall drawing	2023	DEPARTMENT OF PHYSIOTHERAPY
40	PINTU KUMAR SHARMA	MB/22/010	WASTE (MANUFACTURING AND INTERIOR)	GREEN INDIA	2024	DEPARTMENT OF MANAGEMENT
41	SABIR AHAMMED	LLB/21/018	I H INSTITUTE	CBSE SCHOOL	2024	DEPARTMENT OF LEGAL STUDIES
42	Arpit Shiney Guria J	BALLB/21/009	Shaukeen Chai Nashta	Small Hotel more like Street food types	2024	DEPARTMENT OF LEGAL STUDIES
43	Soubhagya Dey	BPT/23/037	Bhagya Candles	Customized Candles	2024	DEPARTMENT OF PHYSIOTHERAPY



Cultivating The Rare Noni

It takes real courage to walk a different path in life. Pra-senjit, a young student of Jharkhand Rai University (JRU) trained in B.Sc. Agriculture, has chosen to embark on a unique entrepreneurial journey.

Harnessing his academic knowledge, he is applying modern agricultural practices to cultivate noni fruit an indigenous plant traditionally found in coastal regions turning learning into innovation and vision into reality.



STUDENTS' STARTUP



Founder - Emurga.com

Vishal Sahu, an alumnus of Jharkhand Rai University and a proud entrepreneur from Ranchi, has transformed his passion into purpose. While his love for savoury chicken sparked the idea, it was his vision and determination that led him to establish em-urga.com.

His journey is a testament to how inspiration can come from the simplest of passions, and with innovation and courage, be turned into a thriving enterprise. Vishal's story reflects the spirit of JRU alumni — bold, creative, and committed to carving their own path.

Founder - SP Web Care

Shyam Sundar, an alumnus of Jharkhand Rai University (JRU), Ranchi, with a Master's in Computer Applications, has carved his path as a successful entrepreneur. As the Founder and Managing Director of SP Web Care, he leads a dynamic start-up that reflects innovation, teamwork, and vision.

His journey is not one of success alone, but of collaboration. Alongside Shyam, the company thrives with the dedication of its talented team members Devenand Pradhan, Prithvi Raj Pradhan, Shivshankar Pradhan, Rohit Oraon, Reshmi Kaibarta, Ajay Mehta, and Rohit each contributing to the growth and impact of SP Web Care..



Founder - ARUMA

Founded by Anshika Tripathi, Alumni Jharkhand Rai University, ARUMA is a "YOUNG INITIATIVE FOR YOUNG TALENTS". It is the initiative by Anshika for those students who have been dodging their talent either because of financial crisis or due to lack of knowledge in the concerned field and even due to lack of opportunities.



FACULTY ACHIEVEMENTS

Department of Mining Engineering

Dr. Shraddha Prasad - Associate Professor cum Deputy Registrar (Academics)

- Published paper on title "Intelligent Triangulation based Sink Relocation and Energy-Equivalent Cluster based Routing for WSN assisted IoT INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING" in January 2024 with ISSN NO.ISSN -2147-67992147-6799.
- Participated in the "National Level Faculty Development Programme on Indian Knowledge Systems in Higher Education", Date: 25 - 30 September, 2024 (Six Days) organized by Jharkhand Rai University, Ranchi in association with 'Research Culture Society'.

Dr. Sumit Kumar Pandey - Associate Professor

- Selected as Reviewer in Elsevier Reviewer Hub in Journal of intelligent & robotic systems.
- Selected as Reviewer in Elsevier Reviewer Hub in Journal of Electrical Engineering & Technology.
- Selected as Reviewer in Elsevier Reviewer Hub in International journal of dynamics and control.
- Selected as Reviewer in Elsevier Reviewer Hub in Computers & electrical engineering.
- Chaired session on "Track -3 A (T3A) : Image Recognition and Communication Applications" at ICMISC Conference - 28 March 2025.
- Invited as speaker in FDP on electrical vehicle - NIT PATNA from 27 January -31 January 2024.
- Selected as Reviewer in computer & electrical engineering Journal – Elsevier.
- Selected as Reviewer in International journals of dynamic and control –Springer.
- Selected as Reviewer in Electrical Engineering journals –springer.
- Selected as Reviewer in Journal of Intelligent & Robotic Systems –springer.
- Co-supervisor for research project of B.Tech Student with director technical of higher education state of West Bengal in Jalpaiguri Engineering College.

Dr. Ved Prakash Singh - Assistant Professor

- Completed Short-Term Programme on Disaster Management Organized by Malaviya Mission Teacher Training Centre (MMTTC), Central University of Kerala, from 11/11/2024 to 16/11/2024 and obtained Grade 'A+'.
- Completed Short-Term Programme on Digital Pedagogy Organized by UGC-Malaviya Mission Teacher Training Centre (MMTTC), Central University of Kerala, from 21/10/2024 to 26/10/2024 and obtained Grade 'A+'.
- Presented paper entitled of "A Critical Study of Sustainable Waste Disposal Practices in the Modern Era" in the International Conference on Recent Advances in Artificial Intelligence for Sustainable Development held on 7-8 March, 2025.
- Published book Chapter Entitled "Assessment of Pollution Due to Overburden Dumps Near Coal Mines" published in SHODHCOLD: INNOVATIVE PATHWAY ON MULTIDISCIPLINARY APPROACH TO SUSTAINABLE DEVELOPMENT with ISBN: 978-81-984393-7-6 in January 2025.

Dr. Jai Prakash Meena - Assistant Professor

- Selected in organizing committee in International conference- Research, Innovation & Technological Advancement in Mental Health in 21st Century organized by National Association of Mental Health & allied Health Foundation on 6-8th December , 2024.
- Selected as reviewer in in springer nature for "A Laboratory-Based Haul Road Dust Suppression Using Water Soluble PAM & PAM-co-PAMPS Polymers" in June 2024.

- Certificate of Excellence in Peer-Reviewing awarded to Dr Jai Prakash Meena, Jharkhand Rai University, India in recognition of an outstanding contribution to the quality of the book.
- Published book Chapter Entitled “Rat Hole Mining in India: Challenges and Implications” published in SHODHCOLD: INNOVATIVE PATHWAY ON MULTIDISCIPLINARY APPROACH TO SUSTAINABLE DEVELOPMENT with ISBN: 978-81-984393-7-6 in January 2025.
- Published a patent entitled “Multi Cable Organizer Holder for Computer Desk” on 22nd April 2025, with initial filing on 14th January 2025 with Application No. 444137001.
- Completed the Short term Programme/Faculty Development Programme on Outcome Based Education under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR from 25.02.2025 to 04.03.2025.
- As a resource person of One Day Webinar 24.03.2025 on organized by Department of Mining Engineering, Usha Martin University, Ranchi.
- Selected as reviewer in springer nature Journal.
- Selected as the Coordinator of the technical fest "GREAT STEP 2025", organized by the Department of Mining Engineering, IIT Kharagpur. He has also significantly contributed as a Jury Member for the events "Mine Safety Analytics" and "Geoboties."

Dr. Vineeta Kumari - Assistant Professor

- Presented research paper entitled “Yogic Approach to eradicate Physical and Mental disorder (With special reference to Patanjali Yoga Darshan)” in National Academic Symposium on the Role of Indian Knowledge System and Indian Languages in the context of Developed India@2047 in Nalanda University, Bihar in 16-18 November 2025.
- Published book Chapter Entitled “Water pollution Causes and Effect” published in SHODHCOLD: INNOVATIVE PATHWAY ON MULTIDISCIPLINARY APPROACH TO SUSTAINABLE DEVELOPMENT with ISBN: 978-81-984393-7-6 in January 2025.
- Published paper in International Journal of Science and Research (IJSR) with ISSN: 2319-7064 & Impact Factor 7.101 in Volume 14 Issue 4, April 2025 on title “A Review of Literature on Copper Smelting and Its Environmental Impact”.
- Published paper in International Research Journal of Advanced Engineering and Science with ISSN: 2455-9024 in Volume 1, Issue 1, 2025 on title “Subarnarekha River - Lower Basin Environmental Challenges and Opportunities”.
- Attending the 5-days Online Faculty Development Programme on "RECENT ADVANCES IN CHEMICAL SCIENCE AND ENGINEERING" held between 06th – 10th January 2025 Organized by Department of Chemistry, School of Engineering, Presidency University, Bengaluru
- Completed the Short term Programme/Faculty Development Programme on Designing and Developing Blended Learning Courses under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR From.. 27.01.2025 to 01.02.2025.

Sumeet Kishore - Assistant Professor

- Published paper on topic “PROBLEMS ASSOCIATED WITH DIGITAL TECHNOLOGY IN THE MINING SECTOR” in International Journal of Cultural Studies and Social Sciences in June 2024 with ISSN 2347-4777.
- Published paper on topic “RACING TOWARD A DIGITAL FUTURE IN METALS AND MINING” in Rabindra Bharati University Journal of Economics in June 2024 with ISSN : 0975-802X.
- Published book Chapter Entitled “Insights into Slope Failures in Mining Operations” published in SHODHCOLD: INNOVATIVE PATHWAY ON MULTIDISCIPLINARY APPROACH TO SUSTAINABLE DEVELOPMENT with ISBN: 978-81-984393-7-6 in January 2025.
- Published book Chapter Entitled “Adverse Effects of Coal Mine Waste Dumps on the Environment and Their Management” published in SHODHCOLD: INNOVATIVE PATHWAY ON MULTIDISCIPLINARY APPROACH TO SUSTAINABLE DEVELOPMENT with ISBN: 978-81-984393-7-6 in January 2025

Om Prakash Satyam - Assistant Professor

- Got certificate of appreciation from NPTEL as a role of active SPOC of SWAYAM NPTEL.
- Completed Short-Term Programme on Disaster Management Organized by Malaviya Mission Teacher Training Centre (MMTTC), Central University of Kerala, from 11/11/2024 to 16/11/2024 and obtained Grade ‘A+’.
- Published a patent entitled “SOLAR-POWERED PORTABLE SOIL ANALYZER” on 06th February 2025 with Application No. 438518-001.

- Selected as trained Master Trainers for the purpose of training all Field Functionaries/Frontline Workers for participation in the awareness program by Panchayat Secretaries, Ranchi District, Govt. of Jharkhand.
- CERTIFICATE OF APPRECIATION is awarded in recognition of his role as mentor for the NPTEL Online Certification course SOFT SKILLS in JUL-DEC 2024 BY IIT MADRAS.
- CERTIFICATE OF APPRECIATION is awarded in recognition of his role as mentor for the NPTEL Online Certification course INDIAN ART: Material TECHNIQUES AND ARTISTIC PRACTICES in JUL-DEC 2024 by IIT MADRAS.
- CERTIFICATE OF APPRECIATION is awarded in recognition of his role as mentor for the NPTEL Online Certification course BUSINESS TO BUSINESS MARKETING in JUL-DEC 2024 by IIT MADRAS.
- CERTIFICATE OF APPRECIATION is awarded in recognition of his role as mentor for the NPTEL Online Certification course SERVICE MANAGEMENT: INTEGRATING STRATEGY, OPERATION AND TECHNOLOGY in JUL-DEC 2024 by IIT MADRAS.
- Selected as Exam Observer by IIT Madras is on official duty on May 3, 2025 to enable the conduct of the centre-based exams.
- Selected as Exam Observer by IIT Madras is on official duty on April 26, 2025 to enable the conduct of the centre-based exams.

Chandan Kumar - Assistant Professor

- Got appointment as an observer in CTET examiner by CBSE on 14th December 2024.
- Completed one week FDP on “Sustainable Development & Resilient infrastructure Development using advanced materials and technology” organized by Sanaka Educational Trust’s Group of Institution, Durgapur from 16th December to 20th December 2025.
- Successfully participated in the Faculty Training Workshop on Indian Knowledge Systems (IKS) organized by Siddhanta Knowledge Foundation a recognized IKS Shikshak Prashikshan Kendra of the IKS Division of the Ministry of Education, held on 29/03/25.
- Participated in three days workshop on “RECENT DEVELOPMENTS IN STRUCTURAL ENGINEERING & SKILL UPLIFTMENT” organized by the Department of Civil Engineering, Haldia Institute of Technology, West Bengal, India, in association with IQAC, Haldia, during 26th - 28th March, 2025.
- Published a patent entitled “Multi Cable Organizer Holder for Computer Desk” on 22nd April 2025, with initial filing on 14th January 2025 with Application No. 444137001.
- Recognized as Question paper setter in Birsa Agricultural University on 29 April 2025.
- Successfully completed five days workshop, online mode under department of civil engineering, RTC Institute of technology, Ormanjhi Ranchi, between 2 June 2025 to 6 June 2025 on title “From waste to wonder: Transforming Industrial Byproducts into next- gen construction materials”.

Department of Computer Science Engineering and Information Technology

Prof. (Dr.) Piyush Ranjan, Professor - Department of CS & IT

- Published a research paper titled A Review of Different Handwritten Character Recognition Methods in Mukta Shabd Journal, Volume XII, Issue XII, December 2023 (ISSN: 2347-3150).
- Published a research paper titled A Review on Image Segregation and Analysis Within a Broad Image in Machine Learning and Information Processing: Proceedings of ICMLIP 2023 (AIP Conf. Proc. 2981, 020008-1-020008-12, DOI: <https://doi.org/10.1063/5.0181555>, Published by AIP Publishing, ISBN: 978-0-7354-4757-8).
- Co-authored a research paper titled Performance Enhancement of MANET Using Hybrid Ant Colony – Flower Pollination (HAC-FP) in Journal of The Maharaja Sayajirao University of Baroda, Volume 58, No.1 (I), 2024, Science and Technology (ISSN: 0025-0422).
- Published patent titled "A Systematic Analysis of an Image-Based System for Identifying and Classifying Plant Diseases Using Deep Learning Methods" in the field of Computer Science (Application No. 202341000000) on 13 October 2023

Anuradha Sharma - Assistant Professor

- Awarded the Top Performing Mentor Certificate in recognition of her role as mentor for the NPTEL Online Certification course for the course Fundamentals of Artificial Intelligence.
- Published a research paper titled Impact of Artificial Intelligence in Modern Medicine in International Journal of Scientific Research and Engineering Development- Volume 7 Issue 4, July-Aug 2024, ISSN: 2581-7175.
- Published a research paper titled Enhancing Transparency and Trust in Machine Learning Models through Explainable AI (XAI) in International Journal of Scientific Research and Engineering Development- Volume 7 Issue 4, July-Aug 2024, ISSN: 2581-7175.
- Authored a book chapter titled Identification of Quality Factors and Parameters from The Software Program Module in GEC2024 Conference Proceedings of Global Edu-Conclave 2024, Vol. 1 September 2024, ISBN: 978-81-967563-2-1
- Participated in Women leadership Program entitled “ Women Leaders: Shaping Academic Excellence for Viksit Bharat @2047” organized by the University Grant Commission.
- Published a research paper “Comparative Analysis of Ensemble classifiers over Machine Learning Classifiers for Early Software Quality Prediction” in the Proceedings of the International Conference on Recent Advances in Artificial Intelligence for Sustainable Development (RAISD 2025), Springer Nature series, Volume 96, August 2025, ISBN: 978-94-6463-787-8

Dr. Kumar Amrendra - Assistant Professor

- Selected as a Master Trainer (Mathematics and Engineering) by the UGC and Indian Knowledge Systems Division, Ministry of Education, Government of India.
- Published a research paper titled Impact of Artificial Intelligence in Modern Medicine in International Journal of Scientific Research and Engineering Development- Volume 7 Issue 4, July-Aug 2024, ISSN: 2581-7175.
- Published a research paper titled Enhancing Transparency and Trust in Machine Learning Models through Explainable AI (XAI) in International Journal of Scientific Research and Engineering Development- Volume 7 Issue 4, July-Aug 2024, ISSN: 2581-7175.
- Authored a book chapter titled Identification of Quality Factors and Parameters from The Software Program Module in GEC2024 Conference Proceedings of Global Edu-Conclave 2024, Vol. 1 September 2024, ISBN: 978-81-967563-2-1
- Member of the Editorial Board for the book Futuristic Trends in Information Technology, Volume 3, Book 2, 2024, IIP Series.
- Served as Rapporteur in the National Seminar on Protection of Data and Privacy within Distributed Systems.
- Published a research paper “Comparative Analysis of Ensemble classifiers over Machine Learning Classifiers for Early Software Quality Prediction” in the Proceedings of the International Conference on Recent Advances in Artificial Intelligence for Sustainable Development (RAISD 2025), Springer Nature series, Volume 96, August 2025, ISBN: 978-94-6463-787-8
- Published a research paper “A Machine Learning Model to Uncover the Impact of Traffic Noise Annoyance in the Inhabitants of Ranchi, Jharkhand” in the Proceedings of the International Conference on Recent Advances in Artificial Intelligence for Sustainable Development (RAISD 2025), Springer Nature series, Volume 96, August 2025, ISBN: 978-94-6463-787-8

Dr. Md. Irfan Alam- Associate Professor

- Participated as Co-author on the topic “Indian Knowledge System: The Guiding Light for the Ethical Use of AI for the Detection of Alzheimer’s Disease” at the Nalanda Gyan Kumbh 2024, November 7, 2024, Pages: 100.
- Participated as Co-author on the topic “Speech Detection and Comparison using Different Feature Extraction Method for Correct Verification” at the 2024 International Conference on Communication, Control, and Intelligent Systems (CCIS), December 6, 2024
- Participated as Co-author on the topic “A Holistic Educational Framework: Integrating Machine Learning and Indian Knowledge System for Personalized Student Growth” at the Nalanda Gyan Kumbh 2024, November 7, 2024, Pages: 83.
- Participated as Co-author on the topic “Advancements and Challenges in Natural Language Processing for Low-Resource Languages: A Comprehensive Review” at the Nalanda Gyan Kumbh, November 7, 2024, Pages: 62.
- Published book chapter on the topic “Speech Detection and Comparison using Different Feature Extraction Method for Correct Verification”, Published by IEEE, Pages: 1–6, Electronic ISBN: 979-8-3315-2820-1, ISBN: 979-8-3315-2821-8
- Published paper on the topic “Early Alzheimer’s Disease Detection Using Machine Learning Techniques: A Review” in the Journal of The Maharaja Sayajirao University of Baroda, Volume 58, 2024, Published by Maharaja Sayajirao University of Baroda.
- Published paper on the topic “A Machine Learning Recommender System for Personalized Education Course: A Review” in the Journal of The Maharaja Sayajirao University of Baroda, Volume 58, 2024, Published by Maharaja Sayajirao University of Baroda.

- Published paper on the topic “Data Mining Analysis of Agricultural Datasets with an Objective of Improving Farmers' Incomes” in the Journal of The Maharaja Sayajirao University of Baroda, Volume 58, 2024, Published by Maharaja Sayajirao University of Baroda.
- Member, Editorial Board, American Journal of Electrical and Computer Engineering (AJECE).
- Participated in One Week Faculty Development Programme on “Communication, Signal Processing and Recent Technologies for Different Applications” organized by the Department of Electronics and Communication Engineering, Budge Budge Institute of Technology (BBIT), Kolkata, India, in association with IEEE MTT-S Student Branch Chapter (BBIT) and ISF BBIT, held from October 22 to October 28, 2024.
- Served as Resource Person for the workshop titled “Excel Mastery: Unlocking the Power of Spreadsheets” organized by the Faculty of Commerce and Management, Jharkhand Rai University, Ranchi, on November 30, 2024.
- Published a research paper “Crop Price and Profitability Estimation in Ranchi District of Jharkhand using SRX Regression Technique” in the Journal of Electrical System, Scopus, Volume 20, ISSN: 1112-5209
- Published a research paper “Leveraging Recommender Systems for Course Selection in Higher Education: A Pathway to Informed Decision-Making” in the Proceedings of the International Conference on Recent Advances in Artificial Intelligence for Sustainable Development (RAISD 2025), Springer Nature series, Volume 96, August 2025, ISBN: 978-94-6463-787-8

Rajan Kumar Tiwari- Assistant Professor

- Published a Patent Design in an IPR Journal No. 44/2024 Journal dated 01/11/2024. The Title of the Design Application is “Apparatus For Neuro-Linguistic Data Acquisition and Analysis”
- Patent registration details: Patent design number: 429680-001 Inforce upto: 07/09/2034
- Contributed Research paper on Integrating Machine Learning in Indian Knowledge Systems: Preservation, Analysis and Innovation in Traditional Wisdom in the National Academic Symposium on the role of Indian Knowledge Systems and Indian Languages in the context of Viksit Bharat@2047 in Nalanda Gyan Kumbh organized at Nalanda, Bihar on 16-18 November, 2024

Dr. Manoj Kumar Mandal- Assistant Professor

- Published a research paper “Multi Objective of Fuzzy Linear Programming with quadratic Achievement Function for Agriculture Production Planning” in the Proceedings of the International Conference on Recent Advances in Artificial Intelligence for Sustainable Development (RAISD 2025), Springer Nature series, Volume 96, August 2025, ISBN: 978-94-6463-787-8

Dr. Binod Kumar- Associate Professor

- Published a research paper titled “Speech Measuring Following Semiconductor Feature for Acoustic Using Biodegradable Material” in the journal 2025 3rd International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT), February 2025, ISBN: 979-8-3315-2754-9
- Published a research paper titled “Internet of Things (IoT) from the Viewpoint of Energy Efficiency and Security: A Review” in the 2024 International BIT Conference (BITCON), May 2025, IEEE, ISBN: 979-8-3315-1839-4
- Published a research paper titled “Speech Detection and Comparison using Different Feature Extraction Method for Correct Verification” in the 2024 International Conference on Communication, Control, and Intelligent Systems (CCIS), IEEE, March 2025, ISBN: 979-8-3315-2820-1
- Published a research paper “Machine Learning Based Anomaly Detection for Network Intrusion Detection in Cyber Security” in the Proceedings of the International Conference on Recent Advances in Artificial Intelligence for Sustainable Development (RAISD 2025), Springer Nature series, Volume 96, August 2025, ISBN: 978-94-6463-787-8
- Published a research paper “Synergizing Customer Convenience and Fraud Prevention: Strategies for Sustainable Digital Payments to Enhance Satisfaction” in the Proceedings of the International Conference on Recent Advances in Artificial Intelligence for Sustainable Development (RAISD 2025), Springer Nature series, Volume 96, August 2025, ISBN: 978-94-6463-787-8

Dr. Kailash Pati Dutta, Associate Professor

- Participated as a Resource Person in the Orientation Programme of the newly admitted students of Batch 2024-27 at Government Women's Polytechnic Jamshedpur on 9th September 2024 and delivered a lecture on “Career Guidance and Leadership”.
- Participated in the national-level ATAL Faculty Development Programme on “Design Thinking and Innovation” at IIT Bhubaneswar held during 23-27 December 2024. The programme was sponsored by All India Council of Technical Education (AICTE), New Delhi.
- Participated in an online self-paced course offered by Simplilearn Solutions Private Limited in association with Skillup on “Machine Learning using Python” and successfully completed the course on 18th October 2024.

- Published a Patent Design Titled “IOT Based Traffic Congestion Monitoring System”.
- Published a Patent Design Titled “Wireless Antenna”.
- Published an edited Book titled “Emerging Trends in Artificial Intelligence”, 2025, Amazon Publishing House, ISBN: 979-8315901341.
- Published a research paper “A Real-time Predictive Maintenance System using Machine Learning and IoT for Industrial Equipment Monitoring” in the Proceedings of the International Conference on Recent Advances in Artificial Intelligence for Sustainable Development (RAISD 2025), Springer Nature series, Volume 96, August 2025, ISBN
- Published a research paper “AI and Optimization: Transforming Data Engineering Applications” in the Proceedings of the International Conference on Recent Advances in Artificial Intelligence for Sustainable Development (RAISD 2025), Springer Nature series, Volume 96, August 2025, ISBN: 978-94-6463-787-8
- Published a research paper “Design development of Computer Numeric Controlled Milling-cum-3D Printing Hybrid Model” in the Proceedings of the International Conference on Recent Advances in Artificial Intelligence for Sustainable Development (RAISD 2025), Springer Nature series, Volume 96, August 2025, ISBN: 978-94-6463-787-8

Department of Pharmaceutical Sciences

Prof. (Dr.) Randhir Kumar Gupta - Associate Professor

- Attended a ten days NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by UGC- MMTTC, Shri Mata Vaishno Devi University, Katra, Jammu from 22/01/2024 to 31/01/2024.
- Formulation and Evaluation of Herbal Tablet of Carica papaya leaf extract. Avinash Kumar, Satyam Kumar, Sneha Kumari, Randhir Kumar Gupta. Dept. of Pharmaceutical Sciences, Jharkhand Rai University, Rajaulatu, Namkum, Ranchi, Jharkhand-834010, Technical Security, ISSN 2434-9728/2191-0073, Volume 24, Issue 27, 2024 (Ugc Care Group II & Scopus Active Journal).
- Inhibition of histamine induced paw edema in rats by various Extracts/fractions from the leaves of Bryophyllum pinnatum. Randhir Gupta, Padma Charan Behera, Biplob Chakra, Manoj Dandpat. Department of Pharmaceutical Sciences, Jharkhand Rai University, Namkum, Ranchi, Jharkhand, India. Technische Sicherheit, ISSN NO: 1434-9728/2191-0073, Volume 24, Issue 6, 2024(Ugc Care Group II & Scopus Active Journal).
- A Review Studies: Evaluation of Antidiabetic Potential of Ethanolic Extract of Astraeus Hygrometricus on Induced Diabetic Rats. Ravi Kumar Vishwakarma, Randhir Kumar Gupta Manoj Dandpat, Fatima Tirkey, Deepak Kumar. European Journal of Pharmaceutical and Medical Research, ISSN 2394-3211, Volume (Accepted on 18/03/2024)

Dr. Syed Mohammad Abdullah -Associate Professor

- “APTAMER INSIGHTS IN TARGETING AND DESIGNING OF THERAPEUTIC DRUGS” Published in International Journal of Drug Delivery Technology. 2024.
- “STRUCTURAL ALTERATION OF QUINOLONE TO POTENTIATE THE ANTI-MALARIAL EFFICACY BY DOCKING TECHNIQUE” Published in High Technology Letters; Volume 30, Issue 8, 2024.
- “DEVELOPMENT AND EVALUATION OF A TRANSDERMAL DRUG DELIVERY SYSTEM FOR PAIN MANAGEMENT”, Published in International Journal of Creative Research Thoughts, 2025.
- “EXTRACTION AND EVALUATION OF NIGELLA SATIVA AND SYZYGIUM AROMATICUM OILS AND THEIR PHARMACOLOGICAL STANDARDIZATION.”, Published in Journal of Population Therapeutics & Clinical Pharmacology, 2025.
- Recruited as an External Expert Committee Member for the Board of Studies (BOS) under the faculty of Pharmacy of Netaji Subhas University, Jamshedpur, 2024

Soma Ghosh -Assistant Professor

- “FORMULATION OF LYCOPENE BASED EMULGEL FROM WATERMELON AND EVALUATION OF ANTI-INFLAMMATORY ACTIVITY ON WISTER RATS” Accepted in Research Journal of Pharmacy and Technology; 2025.
- Participated in Five Days Faculty Development Program on "Translating Evidence-Based Innovative Yoga Practices into Healthcare Systems" held from June 16-21, 2025. Organized by Department of Biotechnology & Bioengineering, School of Biosciences & Technology in association with School of Medical & Allied Sciences, School of Allied Health Sciences & Institution's Innovation

Council (IIC), Galgotias University, Uttar Pradesh as part of the International Day of Yoga celebration under the Ministry of AYUSH'S Samyoga initiative.

- Indulged as Convener in Two-day Boot Camp entitled "DEVELOPMENT OF EFFICIENT & SKILLFUL ABILITY TO ASSIST VARIOUS EMERGENCY TASKS". Organized by Department of Pharmaceutical Sciences, Jharkhand Rai University, Ranchi, 2024.
- Participated in Three-day workshop on "CHARACTER BUILDING AND HOLISTIC DEVELOPMENT OF PERSONALITY". Organized by Kautilya Gyan Kendra, Jharkhand Rai University – Ranchi in collaboration with Shiksha Sanskriti Uthan Nyas, New Delhi from 21st to 23rd June 2025.
- Indulged as Convener in Expert Talk "Innovation Approaches to Addressing the Threat of Alcohol and Tobacco Consumption on Human Health & Pioneering Paths to recovery".

Sudipto Mangal - Assistant Professor

- Published a Book Chapter UNRAVELLING THE MOLECULAR COMPLEXITY OF TRIPLE-NEGATIVE BREAST CANCER: SIGNIFICANCE FOR DIAGNOSIS AND THERAPY Published in Advanced Research in Medical Science and Technology Volume: 4 Issue: 1 pp: 169-183.
- "BELLAMYA BENGALENSIS: A PROMISING THERAPEUTIC APPROACH AGAINST BREAST CANCER" Proceedings of International Conference on Modern Tools and Approaches in the Emerging Field of Pharmaceutical and Biomedical Research 20-22, Nov 2024, held at India in November, 2024.
- "PRESCRIPTION PATTERN ANALYSIS OF TUBERCULOSIS TREATMENT AT A TERTIARY CARE HOSPITAL: A CROSS-SECTIONAL STUDY Published in Journal of Communicable Diseases Volume: Vol. 56 No. 4 B Issue: No. 4 B PP: 76-80.
- "PHYSICAL AND MECHANICAL PROPERTIES OF PORPHYRIN COMPOSITE MATERIALS" Published in Porphyrin-Based Composites: Materials and Applications pp: 19-42.
- Attended 6th Annual National Conference "MCCCON- 2025" on "Biotechnology for Healthier Life" from 4th to 6th February, 2025 at Midnapore City College.

Ms. Srijani Dasgupta - Assistant Professor

- Published a Book Chapter "Characterization of the immune response with viral attack"
- Published in Understanding the Pandemic Pathophysiology, Transmission and Treatment of COVID-19. Elsevier Publication House. DOI: 10.1016/C2022-0-00641-3
- Published a Book Chapter "Fundamentals of nanoplatfrom-based imaging in Cancer Diagnosis" Published in Nanoplatforms for Cancer Imaging. IOP London Publication house. Online ISBN: 978-0-7503-5864-4.
- Patent published and granted on "Integrated Multidimensional Maze for Behavioral Exploration Research of Laboratory Animals". Design Number 458423-001. Dated: 11/05/2025

Rashmi Kumari - Assistant Professor

- Got a Patent on "Portable Device for Identification of Alzheimer's Disease through Blood Plasma Protein" on dated 25 th September 2024.
- Participated in the Five days Online national level Faculty Development Program on Transforming Education for Sustainable Development : A Roadmap for Implementing NEP 2020 and SDGs in Higher Education Institutions", held from 21 st - 27 th January 2025, organized by Jharkhand Rai University, Ranchi, India; Balurghat B.Ed. College, West Bengal, India in association with 'Research Culture Society'.
- Participated in the one day faculty training workshop on Indian Knowledge System organized by Siddhanta Knowledge Foundation a recognized IKS Shikshak Prashikshan Ke ndra of the IKS division of the Ministry of Education held on 29/03/2025.
- Participated in the one day seminar of "Recent Applications of Artificial Intelligence" organized by the Institution of Electronics and Telecommunication Engineers in association with Jharkhand Rai University, on 4 th July 2025.
- Article Published: "Aromatase Inhibitor-Induced Bone Loss and Its Management in Postmenopausal Women with Breast Cancer". In International Journal of Creative Research Thoughts on 7 th July 2025.

Kishor Kumar Roy - Assistant Professor

- "FORMULATION OF LYCOPENE BASED EMULGEL FROM WATERMELON AND EVALUATION OF ANTI-INFLAMMATORY ACTIVITY ON WISTER RATS" Accepted in Research Journal of Pharmacy and Technology; 2025.
- Book Chapter "PHYSICAL AND MECHANICAL PROPERTIES OF PORPHYRIN COMPOSITE MATERIALS" Published in Porphyrin-Based Composites: Materials and Applications PP :19-42; 2025.
- NPTEL Awareness Workshop conducted on July 11, 2025 by NPTEL, IIT Madras in association with Bharat Technology, Howrah, West Bengal

Apoorva Kumari - Lecturer

- "TARGETED THERAPEUTICS: A COMPREHENSIVE REVIEW" Published in Revista electrónica de Veterinaria Volume:25 Issue:1 pp :1076-1089; Sep 2024.
- "POLYMERIC NANOCARRIERS IN THERAPEUTIC DELIVERY: CURRENT TRENDS AND FUTURE HORIZONS" Published in International Journal of Current Pharmaceutical Research Volume:Vol 17 Issue:Issue 4, 2025 pp :1-7; 2025.
- Participated in Five Days Faculty Development Program on "Translating Evidence-Based Innovative Yoga Practices into Healthcare Systems" held from June 16-21, 2025. Organized by Department of Biotechnology & Bioengineering, School of Biosciences & Technology in association with School of Medical & Allied Sciences, School of Allied Health Sciences & Institution's Innovation Council (IIC), Galgotias University, Uttar Pradesh as part of the International Day of Yoga celebration under the Ministry of AYUSH'S Samyoga initiative.
- Participated in Faculty Training Workshop on "Indian Knowledge System (IKS)" organized by Siddhanta Knowledge Foundation a recognized IKS Shikshak Prashikshan Kendra of IKS Division of the Ministry of Education, held on 29/03/2025.

Sourav Khawas - Assistant Professor

- "A REVIEW ON: PHYTOCHEMICAL AND PHARMACOLOGICAL POTENTIAL OF T. CORDIFOLIA AND SILYBUM MARIANUM Published in WORLD JOURNAL OF PHARMACEUTICAL AND MEDICAL RESEARCH Volume:10 Issue:9 pp :70-75
- INNOVATIONS IN NANOCARRIER TECHNOLOGY FOR TARGETED THERAPEUTICS: A COMPREHENSIVE REVIEW" Published in Revista electrónica de Veterinaria Volume:25 Issue:1 pp :1076-1089; Sep 2024.
- "CISSUS QUADRANGULARIS: A NATURAL SOLUTION TO ACCELERATE BONE HEALING" Proceedings of International Conference on Modern Tools and Approaches in the Emerging Field of Pharmaceutical and Biomedical Research 20-22, Nov 2024.
- "CLINICAL ROLE OF MORINGA OLEIFERA IN BONE HEALING AND BONE FRACTURE" Published in INTERNATIONAL JOURNAL OF NOVEL RESEARCH AND DEVELOPMENT Volume:10 Issue:2 pp :a775-a779; February 2025.
- "FORMULATION OF LYCOPENE BASED EMULGEL FROM WATERMELON AND EVALUATION OF ANTI-INFLAMMATORY ACTIVITY ON WISTER RATS" Accepted in Research Journal of Pharmacy and Technology; 2025.

Sudipta Modak - Assistant Professor

- "SYNERGISTIC BENEFITS OF HERBAL INGREDIENTS: FORMULATING AND EVALUATING A FACE PACK WITH SANTALUM ALBUM, CITRUS RETICULATA, CALCIUM BENTONITE, ALOE BARBADENSIS AND CURCUMA LONGA" Published in African Journal of Biological Sciences in 8 August 2024.
- "APTAMER INSIGHTS IN TARGETING AND DESIGNING OF THERAPEUTIC DRUGS" Published in International Journal of Drug Delivery Technology. 2024.
- "STRUCTURAL ALTERATION OF QUINOLONE TO POTENTIATE THE ANTI-MALARIAL EFFICACY BY DOCKING TECHNIQUE" Published in High Technology Letters; Volume 30, Issue 8, 2024.

Anjali Mishra

- "APTAMER INSIGHTS IN TARGETING AND DESIGNING OF THERAPEUTIC DRUGS Published in International Journal of Drug Delivery Technology. 2024.
- TARGETED THERAPEUTICS: A COMPREHENSIVE REVIEW" Published in Revista electrónica de Veterinaria Volume: 25 Issue: 1 pp :1076-1089; Sep 2024.
- "STRUCTURAL ALTERATION OF QUINOLONE TO POTENTIATE THE ANTI-MALARIAL EFFICACY BY DOCKING TECHNIQUE" Published in High Technology Letters; Volume 30, Issue 8, 2024.

Soham Koley- Assistant Professor

- “SYNERGISTIC BENEFITS OF HERBAL INGREDIENTS: FORMULATING AND EVALUATING A FACE PACK WITH SANTALUM ALBUM, CITRUS RETICULATA, CALCIUM BENTONITE, ALOE BARBADENSIS AND CURCUMA LONGA” Published in African Journal of Biological Sciences in 8 August 2024.
- “APTAMER INSIGHTS IN TARGETING AND DESIGNING OF THERAPEUTIC DRUGS” Published in International Journal of Drug Delivery Technology. 2024.
- “STRUCTURAL ALTERATION OF QUINOLONE TO POTENTIATE THE ANTI-MALARIAL EFFICACY BY DOCKING TECHNIQUE” Published in High Technology Letters; Volume 30, Issue 8, 2024.

Gauri Baraik- Assistant Professor

- “POLYMERIC NANOCARRIERS IN THERAPEUTIC DELIVERY: CURRENT TRENDS AND FUTURE HORIZONS” Published in International Journal of Current Pharmaceutical Research Volume:Vol 17 Issue:Issue 4, 2025 pp :1-7; 2025.
- Indian Knowledge System: IKS on 29-03-2025 at Jharkhand Rai University

Pavel Nath- Assistant Professor

- Participated in a certification course on- Developing your emotional intelligence on 01 August, 2025 by LinkedIn learning.
- Participated in a workshop on – Character building and holistic development held on 21/06/2025 - 23/06/25.
- Participated in an FDP on – Innovation in pharmacy education and application of AI: Enhancing teaching-learning practices held on 23-28 August, 2025.
- Participated in a seminar on – Recent applications of Artificial intelligence held on 4th July, 2025

Wirla Chakraborty - Assistant Professor

- “FORMULATION OF LYCOPENE BASED EMULGEL FROM WATERMELON AND EVALUATION OF ANTI-INFLAMMATORY ACTIVITY ON WISTER RATS” Accepted in Research Journal of Pharmacy and Technology; 2025
- Two day National Level Workshop on Quantitative & Qualitative Research from 8-03-2025- 9-03-2025.

Kritika Modak- Assistant Professor

- “FORMULATION OF LYCOPENE BASED EMULGEL FROM WATERMELON AND EVALUATION OF ANTI-INFLAMMATORY ACTIVITY ON WISTER RATS” Accepted in Research Journal of Pharmacy and Technology; 2025.
- Participated in Recent Applications of Artificial Intelligence - 04.07.2025
- Pharmaceutical Cocrystallization for Tailoring Physicochemical Properties – (19.12.2024 – 20.12.2024)
- Participated in NEXT-GEN THERAPEUTICS: EMERGING TRENDS IN DRUG DISCOVERY AND BIOTECHNOLOGY – (09.06.2025 – 13.06.2025)
- Participated in RESEARCH FROM THE ROOTS: EXCELLENCE THROUGH PRIMARY EXPLORATION - (07.07.2025 – 11.07.2025)

Anamika Palak - Assistant Professor

- “POLYMERIC NANOCARRIERS IN THERAPEUTIC DELIVERY: CURRENT TRENDS AND FUTURE HORIZONS” Published in International Journal of Current Pharmaceutical Research Volume:Vol 17 Issue:Issue 4, 2025 pp :1-7; 2025
- Participated in INTERNATIONAL CONFERENCE IFCON 2025; SF College of Pharmacy, Moga, Punjab; 08-03-2025- 09-03-2025.
- Faculty Development Program on “RESEARCH FROM THE ROOTS: EXCELLENCE THROUGH PRIMARY EXPLORATION” 7-07-2025- 11-07-2025.
- Indian Knowledge System: IKS on 29-03-2025 at Jharkhand Rai University.
- Faculty Development Program on “Innovation in Pharmacy Education and application of AI: Enhancing Teaching-Learning Practices” from 23-06-2025 to 28-07-2025.

Sunetra Maity - Assistant Professor

- “SYNERGISTIC BENEFITS OF HERBAL INGREDIENTS: FORMULATING AND EVALUATING A FACE PACK WITH SANTALUM ALBUM, CITRUS RETICULATA, CALCIUM BENTONITE, ALOE BARBADENSIS AND CURCUMA LONGA” Published in African Journal of Biological Sciences in 8 August 2024.
- “Exploring Imidazole and Its Derivatives: Versatile Agents with Anti-Bacterial and Anti-Viral Capabilities”; Journal of Chemical Health Risks.
- Participated in “Innovation in pharmacy Education and Application of AI: Enhancing Teaching- learning Practices” (ISF College of Pharmacy).
- Indulged as Co-Convener in Expert Talk “Innovation Approaches to Addressing the Threat of Alcohol and Tobacco Consumption on Human Health & Pioneering Paths to recovery”.
- Indulged as Co-Convener in Two-day Boot Camp entitled “Development of Efficient and Skillful Ability to Assist Various Medical Emergency Tasks”

Anurag Das - Assistant Professor

- “APTAMER INSIGHTS IN TARGETING AND DESIGNING OF THERAPEUTIC DRUGS” Published in International Journal of Drug Delivery Technology. 2024
- “Exploring Imidazole and Its Derivatives: Versatile Agents with Anti-Bacterial and Anti-Viral Capabilities”, Journal of Chemical Health and Risk, Volume 14 Issue 01.
- Participated in “Innovation in pharmacy Education and Application of AI: Enhancing Teaching-learning Practices” (ISF College of Pharmacy).
- Participated in “Next Gen Therapeutics: Emerging Trends in Drug Discovery and Biotechnology”, Amity Institute of Pharmacy
- Participated in “Role of AI in Healthcare System” organized by School of Pharmaceutical Sciences.

Anirban Saha - Assistant Professor

- “SYNERGISTIC BENEFITS OF HERBAL INGREDIENTS: FORMULATING AND EVALUATING A FACE PACK WITH SANTALUM ALBUM, CITRUS RETICULATA, CALCIUM BENTONITE, ALOE BARBADENSIS AND CURCUMA LONGA” Published in African Journal of Biological Sciences in 8 August 2024.

Rupam Vishwanaath- Lecturer

- TARGETED THERAPEUTICS: A COMPREHENSIVE REVIEW Published in Revista electrónica de Veterinaria Volume:25 Issue:1 pp :1076-1089; Sep 2024.

Shubhrojit Bhattacharjee - Assistant Professor

- “TARGETED THERAPEUTICS: A COMPREHENSIVE REVIEW” Published in Revista electrónica de Veterinaria Volume:25 Issue:1 pp :1076-1089; Sep 2024.

Mr. Sourav Pradhan - Assistant Professor

- Participated in the Faculty Training Workshop on Indian Knowledge System (IKS) organized by Siddhanta Knowledge Foundation on 29/03/25
- National workshop on Character building and holistic development of personality organized by Shiksha Sanskriti Utthan Nyas and Jharkhand Rai University on 21-23 June.
- Participate in One Week online Faculty Development Programme (FDP) on “Innovation in Pharmacy Education and Application of AI: Enhancing Teaching-Learning” from June 23-28. Organized by ISF College of Pharmacy collaborating with Society of Pharmaceutical Education and Research (SPER).

Ms. Shubhashree Mondal - Assistant Professor

- Participated in a 5-day National Faculty Development Programme (FDP) on “Advancing the Drug Discovery by Integrating In

Silico Structure- and Ligand-Based Drug Design with Meta-Analysis for Robust Research Outcomes” (21st to 25th July 2025), organized by Birla Institute of Technology, Mesra.

- Participated in a THREE-DAY HANDS-ON WORKSHOP ON COMPUTER-AIDED DRUG DESIGN USING MOLSOFT SOFTWARE (21st to 23rd July 2025) organized by Birla Institute of Technology, Mesra.
- Participated in a one-week online Faculty development programme (FDP) on “Innovation in Pharmacy Education and Application of AI: Enhancing Teaching-Learning Practices” (June 23-28, 2025), organized by ISF College of Pharmacy, Moga.
- Participated in the one-day seminar on “Recent Applications of Artificial Intelligence” Organized by Jharkhand Rai University, Ranchi.
- Participated in a three-day workshop on “ Character building and Holistic development”

Department of Legal Studies

Dr. Smita Pandey, Associate Professor

- Awarded Best Paper Presenter at International Conference on Legal Innovation and Technology, 2024 for the paper “Online Dispute Resolution as Future of Sustainable Development: With Specific Reference to Environmental Conflicts” organized by Manipal University, Jaipur
- Awarded Certificate of Excellence by Advances in Research Certificate of Excellence in Reviewing in recognition of an outstanding contribution to the quality of the journal.
- Presented paper at International Conference on Legal Innovation and Technology on “Online Dispute Resolution as Future of Sustainable Development: With Specific Reference to Environmental Conflicts” organized by Manipal University, Jaipur on held from January 8, 2025 to January 10, 2025
- Presented paper at International Conference on Waves of Change: Nurturing Ocean Resilience and Chartering Sustainable Futures on Global Warming and Water Pollution: Threat to Coral Reefs of Lakshadweep, Laccadive Sea conducted by Faculty of Shariah and Law, Villa College, Maldives on 10th December 2024 at Male', Maldives
- Presented a paper in online mode titled Wetland Distribution and Conservation – A Critical Study of Wetlands in Bihar in the 14TH International conference on Governance, Fraud, Ethics, Sustainability and Reporting organised by IGonGFESR & Herme Academia in collaboration with School of Law, KIIT- DU on the 21st & 22nd December, 2024
- Has been appointed as Moderator of End Semester Exam Question paper at Usha Martin University
- Invited as a Guest speaker to deliver lecture on Laws related to Sexual Harassment of women at workplace, conducted by IQAC, Usha Martin University on 28th April, 2025
- Invited as Esteemed speaker for Certificate Course on Intellectual Property Rights (IPR) organized by SNBP Law College, Pune on 20th February, 2025

Department of Agriculture

Dr. Neeta Shweta Kerketta Associate Professor

- Published research paper on ‘Effect of NPK and biofertilizers on germination of Lentil (Lens culinaris) in sandy loam soil of Jharkhand’ in International Journal of Advanced Biochemistry Research in 2024 with ISSN 2617-4693.
- Published research paper on ‘Effect of lime, sulphur and boron on the germination of chickpea (Cicer arietinum L.) in acidic soil of Jharkhand’ in International Journal of Advanced Biochemistry Research in 2024 with ISSN 2617-4693.
- Published research paper on ‘Antimicrobial activity of Pseudomonas aeruginosa against disinfectants Dettol, Savlon, Ethanol and Hydrogen peroxide’ in International Journal of Innovative Research in Technology in 2024 with ISSN 2349-6002.
- Published research paper on ‘Effect of pH on the Pseudomonas aeruginosa biofilm formation’ in International Journal of Innovative Research in Technology in 2024 with ISSN 2349-5162.
- Published research paper on ‘Application of Wasps’ Defensins As Anti-Fungal Therapeutic Molecules: An In Silico Comparative Study’ in Journal of Advanced Zoology in 2024 with ISSN 0253-7214.

- Published research paper on 'An In Silico Comparative Study of Eleven Wasp Venom Allergens: An Arena for Therapeutic Approach' in Journal of Advanced Zoology in 2024 with ISSN 0253-7214.
- Received Young Professional Award at the 2nd International Agriculture Conference, held from November 3-5, 2024. This prestigious conference was jointly organized by Gujarat Natural Farming Science University, Halol; Indian Society of Genetics and Plant Breeding, New Delhi; ICAR-Indian Agricultural Research Institute, New Delhi; Indian Society of Agronomy, New Delhi; Hindustan Agricultural Research Welfare Society, Agra, Southern Federal University, Russia; Cambridge International Agricultural, Organization, CIAO; IAgSc, Banaras Hindu University, Varanasi; CIMMYT-India, New Delhi; ICARDA-India, New Delhi; Hansraj College, Delhi University, New Delhi; and D. Y. Patil Agriculture and Technical University, Kolhapur. Held at Hybrid mode Hansraj College, University of Delhi (110007).

Dr. Neha Grace Angel Kisku- Assistant Professor

- Published an article "Scientific Cultivation Technology of Dahlia" in "The Agriculture Magazine Vol. 4 Issue 04 in December, 2024. E-ISSN: 2583-1755.
- Published book chapter in "Color Theory in Floriculture and Garden Design" in thebook titled "The Art of Floriculture and Landscape Design: Beauty in Bloom"
- published by Stella International Publication, Haryana, India in December, 2024. ISBN: 978-93-48909-67-1.
- Published an edited book titled "The Art of Floriculture and Landscape Design: Beauty inBloom" published by Stella International Publication, Haryana, India in December. 2024. ISBN:978-93-48909-67-1.
- Participated in 2nd International Agriculture Conference on "Natural Farming Innovations: Enhancing Soil Health and Seed Quality with AI and Drones for a Greener Agricultural Future" from 3-5thNovember, 2024 jointly organized by GujaratNatural Farming Science University, Halol.

Poonam Singh - Assistant Professor

- Published a book chapter entitled, 'E-Commerce Agriculture' published in Book Titled, 'Advanced Technologies in Modern Agriculture: Innovation and Applications' in Jan. 2025 with ISBN 978-93-92941-50-4.
- Published a book chapter "Breeding Method in Segregating Generation" published in Book Titled "Strategy & Application of Plant Breeding" in 2024 with ISBN: 978-81-968830-0-3.
- Awarded as "Excellence Teaching Award" in International Conference "CITAAS-2024" Organised by Guru Kashi University, Talwandi Sabo (ICAR accredited) & Just Agriculture Education Group & ISASTR, Noida at GKU, Talwandi.
- Earned a certificate for attending and sucessfully completing 7-day training program/FDP on "Practical aspects of ICT Tools & online teaching in current scenario organized by the Research Foundation of India & RFI- CARE from 29th May to 04th June.
- Earned a certificate for attending and sucessfully completing National Level 7 days Faculty Development Programme of the NEP 2020 Sensitization and Orientation program under MM-TTP of UGC organised by UGC-Malaviya Mission Teacher Training Centre, Ranchi University from 12th March to 20th March 2024.
- Attended 3 days of National training on Beneficial Insects of Apiculture, Sericulture, and Lac culture, organised by Sher-e-Kashmir University of Agriculture Science and Technology of Jammu, SGT University, Gurugram and Meadow Agriculture from 24-26, April 2024.
- Earned a certificate for attending and sucessfully completing National Level Faculty Development Programme on Transforming Education for Sustainable Developmen;A Roadmap for Implementing NEP 2020 and SDGs in Higher education Date: 21- 27 January 2025 (Seven Days) organized by Jharkhand Rai University, Ranchi in association with 'Research Culture Society.
- Earned a certificate for attending and sucessfully completing 21 days National Training-cum-Workshop on Livestock, Aquaculture, and Sustainable Agriculture Practices" dated 01 to 21, December 2024,Organized by Meadow Agriculture(An Emerging Start-up),Veterinary College Hasan Affiliated by Karnataka Veterinary,Animal & Fisheries Science University Karnataka,S R University Warangal.

Khushboo Kumari- Faculty Associate

- Invited as guest speaker & member of panel discussion in a summit "Swashakti Women Economic Empowerment" organized by PHD Chambers of Commerce.
- Published a patent entitled, titled "SOLAR-POWERED DRIP IRRIGATION CONTROLLING DEVICE," (Design No.: 431414-001) in published in Journal No. 49/2024 and Journal date is 06/12/2024

Auindrila Biswas- Assistant Professor

- Published a research paper on “Lac cultivation as a pathway to prosperity: a success story from Ranchi, Jharkhand” in “Archives of Current Research International” in December, 2024, DOI: 10.9734/acri/2024/v24i121029
- Published a popular article on “Integrated farming systems for sustainable agriculture: a comprehensive review” in “Food and Scientific Reports” in November, 2024, e-ISSN 2582-5437.
- Published a popular article on “Livelihood security of rural women through Lac cultivation” in “Agriculture and Food e-Newsletter” in December, 2024 with e-ISSN 2581-8317.
- Attended 7-day International Faculty Development Programme on “Research Methodology & Publication strategies for Faculty Advancement” from 6th to 12th of August, 2024, organized by Afghanistan National Agricultural Science and Technology University, Jharkhand Rai University, Meadow Agriculture and SAAST, Odisha
- Attended 7-day National level Faculty Development Programme on “Transforming Education for Sustainable Development: A Roadmap for Implementing NEP 2020 and SDGs in Higher Education Institutions” from 21-27th January, 2025, organized by Jharkhand Rai University, Ranchi, India; Balurghat B.Ed. College, West Bengal, India in association with ‘Research Culture Society’.
- Successfully fulfilled the role of chief organizing committee in the 7-day International Faculty Development program on 'Research Methodology & Publication strategies for Faculty Advancement' from 6th to 12th of August, 2024, organized by Afghanistan National Agricultural Science and Technology University, Jharkhand Rai University, Meadow Agriculture and SAAST, Odisha.

Department of Commerce & Management**Dr. Abhishek Pratap - Associate Professor**

- Delivered a session as Resource Person on Measurement and Scaling during a 3-day FDP on Advanced Research Methodology at IIEBM, Pune (23–25 April 2025).
- Successfully completed an FDP on Transforming Education for Sustainable Development: A Roadmap for Implementing NEP 2020 and SDGs in Higher Education Institutions._

Neeraj Kumar Poddar - Assistant Professor

- Participated in the Faculty Training Workshop on Indian Knowledge System.
- Participated in the FDP on Transforming Education for Sustainable Development: A Roadmap for Implementing NEP 2020 and SDGs in Higher Education Institutions.

Satarupa Ganguly -Assistant Professor

- Participated in the FDP on Transforming Education for Sustainable Development: A Roadmap for Implementing NEP 2020 and SDGs in Higher Education Institutions.
- Participated in the Faculty Training Workshop on Indian Knowledge System.

Ankita Kumari - Faculty Associate

- Participated in the same FDP on Transforming Education for Sustainable Development: A Roadmap for Implementing NEP 2020 and SDGs in Higher Education Institutions.

Neha Chandra - Assistant Professor

- Participated in the FDP on Transforming Education for Sustainable Development: A Roadmap for Implementing NEP 2020 and SDGs in Higher Education Institutions.

Rashmi -Assistant Professor

- Participated in the FDP on Transforming Education for Sustainable Development: A Roadmap for Implementing NEP 2020 and SDGs in Higher Education Institutions.
- Participated in the FDP on Recent Advances in Business Analytics and Management Research(AICTE Sponsored ATAL FDP)
- Participated in the FDP on Multidisciplinary Refresher Course on Educational Leadership in Indian Knowledge System
- Participated in the FDP on Faculty Training Workshop on Indian Knowledge System
- Participated in the FDP on Intellectual Property Utsav

Manoshi Roy -Assistant Professor

- Participated in the FDP on Transforming Education for Sustainable Development: A Roadmap for Implementing NEP 2020 and SDGs in Higher Education Institutions.
- Participated in the FDP on Innovative & Active Learning Strategies.
- Participated in the FDP on Faculty Training Workshop on Indian Knowledge System

PATENTS



Prof. (Dr.) Piyush Ranjan

Professor - *Department of Computer Science and IT*

PATENT:

TITLE - A SYSTEMATIC ANALYSIS OF AN IMAGE BASED SYSTEM FOR IDENTIFYING AND CLASSIFYING PLANT DISEASES USING DEEP LEARNING METHODS



Dr. Shraddha Prasad

Associate Professor - *Department of Mining Engineering*

PATENT 1 :

TITLE - CONTINUOUS HEALTH MONITORING AND CONDITIONING OF UP-ROOTED TREE DUE TO CYCLONE WHEN REPLANTATION

PATENT 2 :

TITLE - SYSTEMATIC NONLINEAR FILTERS-BASED PARALLEL DEMOSAICKING AND DENOISING OF NATURAL IMAGES INFECTED WITH NON-GAUSSIAN NOISE



Dr. Amrita Majumdar

Associate Professor - *Department of Commerce & Management*

PATENT 1 :

TITLE - AN IMPACT OF HUMAN RESOURCE MANAGEMENT (HRM) ON EMPLOYEE PERFORMANCE COMPUTER SCIENCE

PATENT 2 :

TITLE - A SYSTEM FOR PROVIDING AN INTERFACE FOR AN EFFECTIVE COMMUNICATION IN IMPROVING EMPLOYEE MORALE

PATENTS



Dr. Khaleda Rehman

Assistant Professor - Department of Law

PATENT 1 :

TITLE - AI BASED THREAT ASSESSMENT IN LAW ENFORCEMENT

PATENT 2 :

TITLE - DUAL BANKING SYSTEM FOR MICROECONOMICS EFFICIENCY



Anuradha Sharma

Assistant Professor - Department of Computer Science and IT

PATENT 1 :

TITLE - ARTIFICIAL INTELLIGENCE AND IOT BASED INTELLIGENT AUTOMATION (HOME) USING WI-FI AND ANDROID APPLICATIONS

PATENT 2 :

TITLE - A SYSTEMATIC ANALYSIS OF AN IMAGE BASED FOR IDENTIFYING AND CLASSIFYING PLANT DISEASES USING DEEP LEARNING METHODS



Kumar Amrendra

Assistant Professor - Department of Computer Science and IT

PATENT 1 :

TITLE - ARTIFICIAL INTELLIGENCE AND IOT BASED INTELLIGENT AUTOMATION (HOME) USING WI-FI AND ANDROID APPLICATIONS

PATENT 2 :

TITLE - CV BASED ACCIDENT-AVOIDANCE SYSTEM THROUGH VIDEO SURVEILLANCE USING DEEP LEARNING ALGORITHMS

PATENT 3 :

TITLE - A SYSTEMATIC ANALYSIS OF AN IMAGE BASED FOR IDENTIFYING AND CLASSIFYING PLANT DISEASES USING DEEP LEARNING METHODS

PATENTS



Srijani Dasgupta

Assistant Professor - *Department of Pharmaceutical Sciences*

PATENT:

TITLE - AN ARTIFICIAL INTELLIGENT SYSTEM EMBEDDED WITH PLURALITY SENSORS MONITORING AND FOR PREDICTION AND DETECTION OF HEART DISEASES



Jay Chandra

Lecturer - *Department of Pharmaceutical Sciences*

PATENT:

TITLE - EVALUATION OF A RECONSTITUTABLE DRY SUSPENSION TO IMPROVE THE DISSOLUTION OF POORLY WATER-SOLUBLE CELECOXIB



Sourav Khawas

Lecturer - *Department of Pharmaceutical Sciences*

PATENT:

TITLE - EVALUATION OF A RECONSTITUTABLE DRY SUSPENSION TO IMPROVE THE DISSOLUTION OF POORLY WATER-SOLUBLE CELECOXIB



Kushagra Vikram

Assistant Professor - *Department of Law*

PATENT:

TITLE - AI BASED THREAT ASSESSMENT IN LAW ENFORCEMENT

PATENTS



Prerna Tiwari

Assistant Professor - Department of Law

PATENT:

TITLE - AI BASED THREAT ASSESSMENT IN LAW ENFORCEMENT



Ruchi Kumari

Assistant Professor - Department of Law

PATENT:

TITLE - AI BASED THREAT ASSESSMENT IN LAW ENFORCEMENT

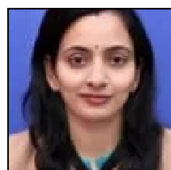


Sumeet Kishore

Assistant Professor - Department of Mining Engineering

PATENT:

TITLE - AUTO CONTROLLED AIR POLLUTION CONTROL TECHNIQUES IN MINING AREAS



Shivangini Bihari

Assistant Professor - Department of Computer Science and IT

PATENT:

TITLE - A SYSTEMATIC ANALYSIS OF AN IMAGE BASED SYSTEM FOR IDENTIFYING AND CLASSIFYING PLANT DISEASES USING DEEP LEARNING METHODS

PATENTS



Dr. Syed Mohammad Abdullah

Associate Professor - Department of Pharmaceutical Sciences

PATENT 1

TITLE - An Analysis Of The Advantages And Drawbacks Of Liposome-Induced Innate Immune Responses

PATENT 2

TITLE - A Wheel Apparatus For Assessing Lung Functionality Of Rodents



Mr. Sudipto Mangal

Assistant Professor - Department of Pharmaceutical Sciences

PATENT

TITLE - Transdermal Herbal Patch For Arthritis And Joint Inflammation



Mrs. Neha Kumari Singh

Assistant Professor - Department of Agriculture

PATENT 1

TITLE - Aqua Fodder Based Hydroponic Device

PATENT 2

TITLE - Edible Mushroom Growing Device



Dr. Kailash Pati Dutta

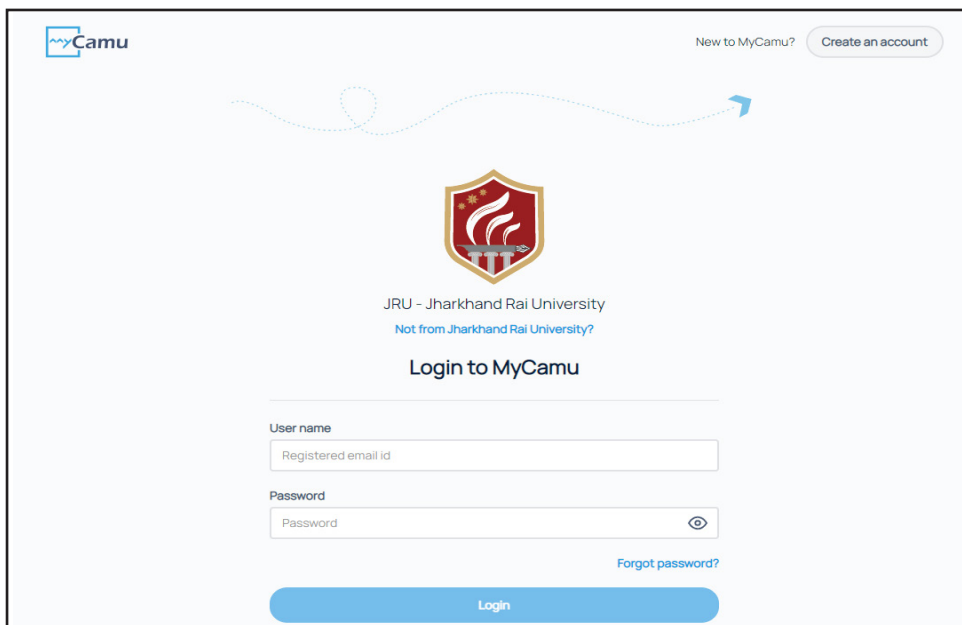
Associate Professor - Department of Computer Sciences & IT

PATENT 1

TITLE - Wireless Antenna

DIGITAL INITIATIVES

CAMU Web and Mobile Application University Management Solution (ERP)



University involve dealing with multitude of data and information and also needs to manage exams, admission, accounts, web portals, procurement of staff etc that requires attention to detail. In order to enhance quality, have a complete control over all the activities, & integrate all key processes, University has decided to install the CAMU, higher education ERP System

Various academic activities of the university are also updated and uploaded on the "Student Corner" linked with the University website

and Mobile app. Syllabus, Lesson Plan, Attendance, Notice, Assignment, Model Paper, Result, Continuous Evaluation etc are updated time to time. Students can fill-up their examination form, download the Admit card and also check their results online.

Jharkhand Rai University continues to be at the forefront of innovation and adaptation to the digital world in the education sector. Therefore, we have completely implemented a Learning Management System, officially called "JRU LMS". Easy to navigate, the JRU LMS can be accessed through web browser as well as App.

The JRU LMS App is available for Android and iOS and can be downloaded from the play store.

Download JRU LMS App (Android) here: <https://tinyurl.com/4xeh338u> Download JRU LMS App (iOS) here: <https://tinyurl.com/2xpt2e3t>

The JRU LMS system is operated/accessed by faculty, students, parents and administrators.

One of the many benefits of the JRU LMS App is that it makes available all the information related to the students -anytime, anywhere. For example, a student can see their Dues, Pay Tuition Fee, check Attendance, access Learning Resources, Result and many more. Additionally, parents can also see their ward's progress.

For web login, students can simply click on below link to get to the student login portal.

<https://www.mycamu.co.in/#/>

DIGITAL INITIATIVE

In tune with the Digital India program, a flagship program of the Government of India, JRU has started many plans to make University digitalized. So far, we have adopted and have taken many digital initiatives which majorly include MOOCs' Swayam Prabha, INFLIBNET, Registration Module, Online Admission process, Examination Form & online result, other academic

The details of the Digital Initiatives taken up by JRU are:



'Swayam'- Study Webs of Active- Learning for Young Aspiring Minds

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 upto 40% of their credits through MOOCs courses from SWAYAM.

In each semester, we offer 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 has incorporated SWAYAM courses in final year courses as open elective. For the 2024 -2025, 492 students have cleared their papers through SWAYAM.

A large number of students of our university have already registered for numerous courses of SWAYAM and have taken the examination for course certification.

Fall 2024 - 1 students in Elite +Silver Category & 51 students in Elite Category

Spring 2025 - 11 students in Elite + Gold Category, 30 students in Elite +Silver Category & 125 students in Elite Category

NAD - DigiLocker (Digital Document Wallet)

As per the recommendations of University Grants Commission, Jharkhand Rai University has joined the National Academic Depository - DigiLocker System. NAD-DigiLocker is an initiative of Ministry of Education, Govt. of India for issuance & verification of documents & certificates. It's



a digital repository that offers hassle-free storage, authentication, sharing and issuance of documents and certificates, making service delivery to the students convenient. Jharkhand Rai University has uploaded the degree/certificate records of over 2000 pass out students and made the records live. As per the exact statistics, the university has digitized 2005 records of such students on DigiLocker who have been awarded degree/ certificate by the university in the first three convocation ceremonies. These students and their prospective employers can access the records anytime and from anywhere.

As per the National Education Policy 2020, Jharkhand Rai University has joined the Academic Bank of Credits (ABC) initiative to facilitate the academic mobility of students with the freedom to study across the Higher Education Institutions in the country, under Multiple entry and exit scheme. In its efforts, Jharkhand Rai University has ensured that cent percent students of Jharkhand Rai University pursuing different programmes have generated their ABC id on the Digilocker portal. As per the latest records, the University has successfully uploaded the mark sheets of over 500 students (2022 intake) pursuing eleven different programmes in the university to the Digilocker portal. The upload process of remaining students is in progress. Jharkhand Rai University will spare no stone unturned to do its bit to transform India into a digitally empowered society.

E-library

Total no Book - 29268

Reference Book - 3471

E Books - 10685

E Journal - 8844

Digital Database - 5000

Print Journal - 31

Print Magazine - 19

Newspaper - 15

C.D, Vidio - 148



Library is fully automated (ILMS)

Jharkhand Rai University Library is automated with open-source integrated library software KOHA (Version -19.05).

It's hosted at our in-house service and is accessible by both internal network and external network as well as through mobile network. Library users can access the library bibliographic data, issue/re-issue book, check due date book, check their fine, suggest new book, can hold book through OPAC etc online. All subscribed and open access e-resources are accessible through our University website or via library portal.



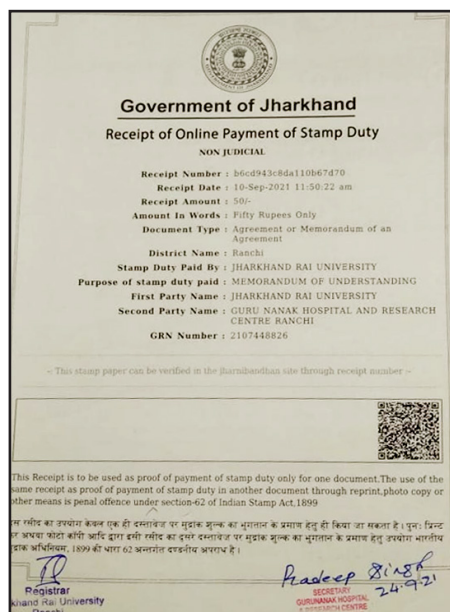
MoU with DELNET

Jharkhand Rai University has signed a Mou with DELNET supported by the National Informatics Centre, Department of Information Technology, Ministry of Communications and Information Technology, Government of India and the Ministry of Culture, Government of India.

Shodhganga : A Reservoir of Indian Theses @ INFLIBNET

Shodhganga@INFLIBNET is a repository of Indian electronic theses and dissertations submitted to the Universities of India. The theses of our PhD Scholars are uploaded on Shodhganga.





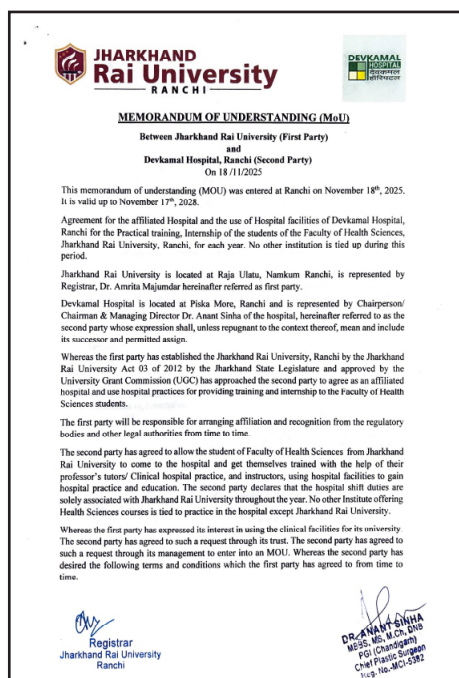
MoU with Guru Nanak Hospital and Research Center

MoU with Guru Nanak Hospital and research Centre for all kinds of medical assistance and facilities. The University has a curriculum in Health Care related discipline so shall be responsible for assigning students to the hospital for clinical field work experience.



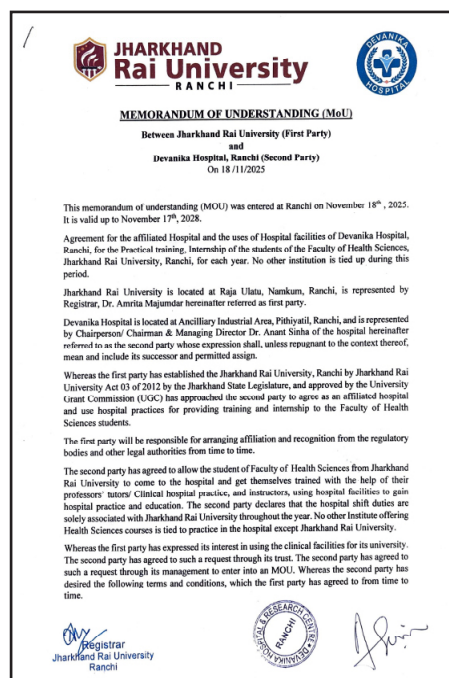
MoU with Medifirst Hospital

For uses Hospital & Blood Bank facilities, practical training of Faculty of Health Sciences



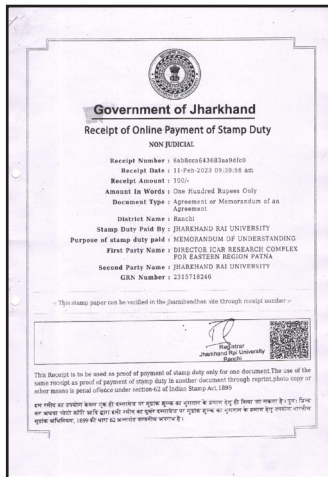
MoU with Devakamal Hospital, Ranchi

For the practical training, Internship of the students of the Faculty of Health Sciences



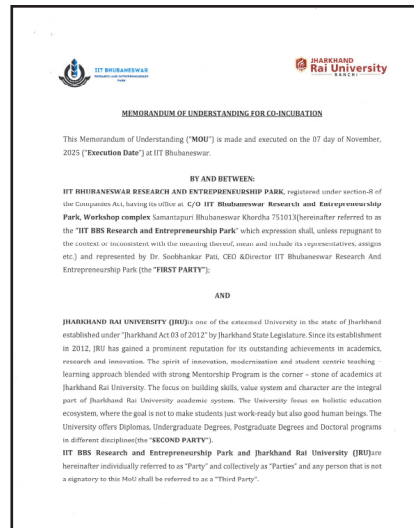
MoU with Devanika Hospital, Ranchi

For the practical training, Internship of the students of the Faculty of Health Sciences



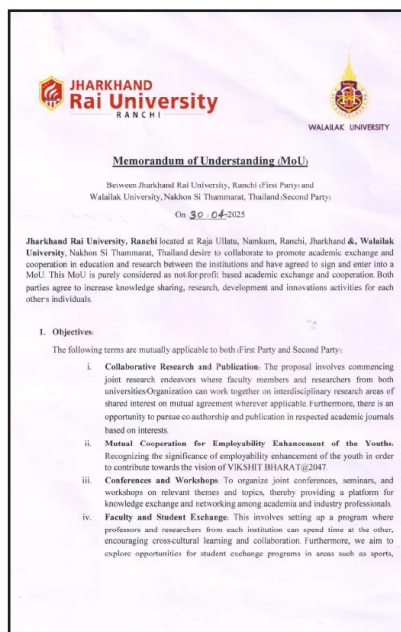
MoU with ICAR Research Complex For Eastern Region, ICAR Patna

ICAR Research Complex For Eastern Region, ICAR Patna and Jharkhand Rai University, sign this Memorandum of Understanding on the 11th Feb, 2023 to associate with each other for Research Development.



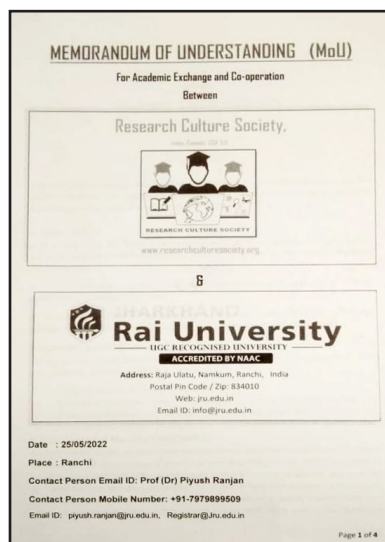
MoU with IIT Bhubaneswar Research and Entrepreneurship Park

Co operation and promotion of incubation activities for the startups, in areas of mutual interest



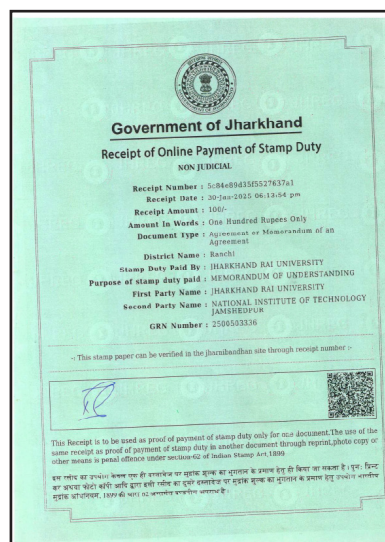
MoU with Walailak University

Collaborative Research, Publication, conference, workshop, faculty & student exchange etc.



MoU with Research Culture Society

Jharkhand Rai University (JRU) signed an MoU on with Research Culture Society for Academic Exchange and Co-operation.



MoU with NIT, Jamshedpur

Collaboration Online Research & Publication

MoU with Ampersand Bionaturals Pvt. Ltd.

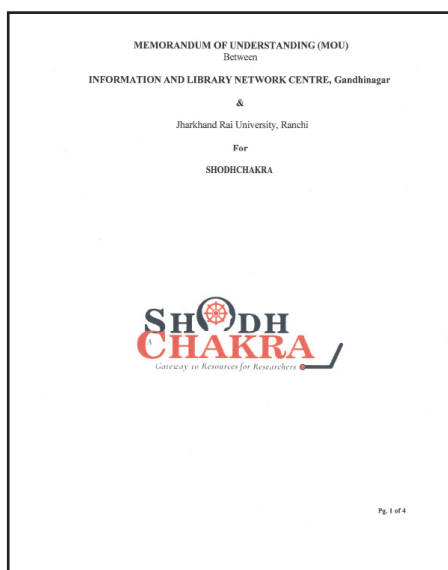
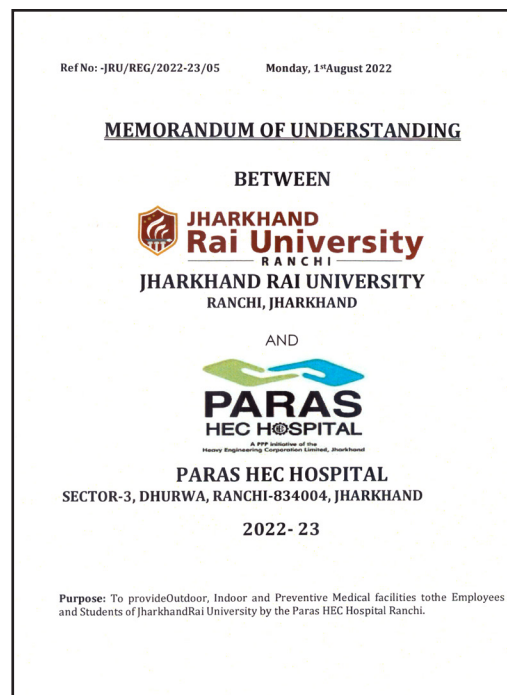
With a view to promote sustainable agriculture and climate resilient farming systems Jharkhand Rai University signed a Memorandum of Understanding (MoU) with Ampersand Bionaturals Pvt. Ltd. On 1st April, 2020 to collaborate in the area of agricultural research and training. 'Experiential Learning' as an integral part of its Agriculture Science courses at Jharkhand Rai University. It is integrated in our curriculum since the beginning of the semester as it gives practical exposure to the students helping them to handle projects independently and confidently. Our students learn the intricacies of modern farming at our sprawling farm spread across 20 acres at Rajaulatu, Namkum campus. We also have 1600 sq. m fully- automatic state-of-the art Poly House. Our students are actively involved in using various technologies, innovative and hi-tech farming practices. We are growing herbs, spices and variants of flowers used for medicinal and wellness products. The MOU is an attempt towards development of markets for consumption of the produce as well as preparing the technically qualified students to become agri- entrepreneurs.

BIO NATURALS
— AYURVEDIC WISDOM —

MoU with Paras HEC Hospital

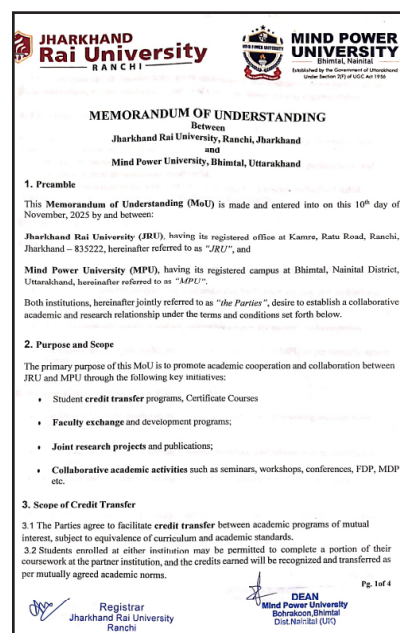


Purpose of MoU is to provide Outdoor, Indoor and Preventive Medical facilities to the Employees and Students of Jharkhand Rai University by the Paras HEC Hospital Ranchi.



MoU with INFORMATION AND LIBRARY NETWORK CENTRE, Gandhinagar (SHODHCHAKRA)

Defines responsibilities, liabilities and commitments of the Universities involved to ensure proper implementation of the Shodhchakra for its stakeholders.

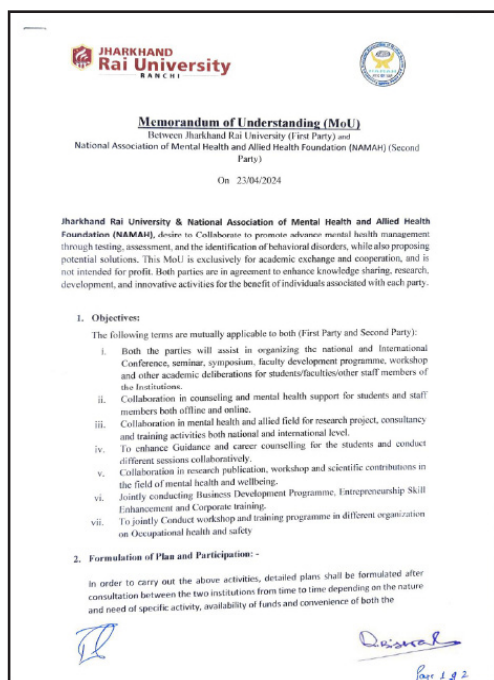


MoU with Mind Power University

Student credit transfer programs, Faculty exchange and development, Joint research project, collaborative academic activities

MoU with Shiksha Sanskriti Utthan Nyas

Organizing Regional Meeting and National
Seminar on NEP 2020



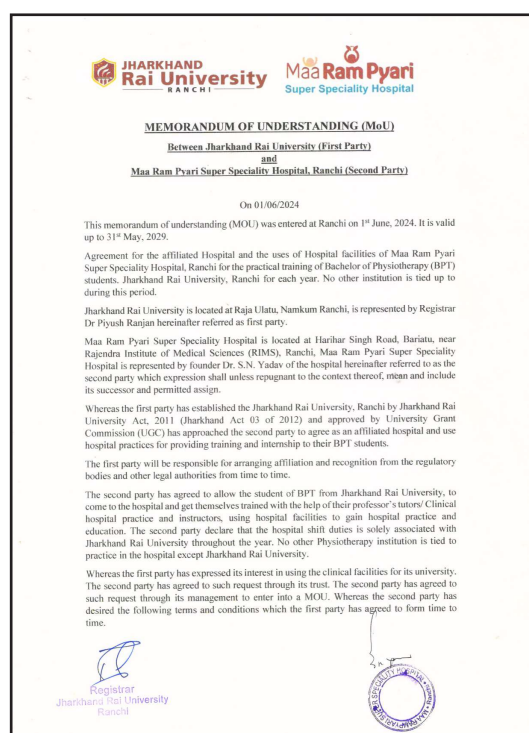
MoU with National Association of Mental Health and Allied Health Foundation (NAMAHA)

Organizing National, International
Conference, Seminar, workshop,
collaboration in counselling and mental
health support



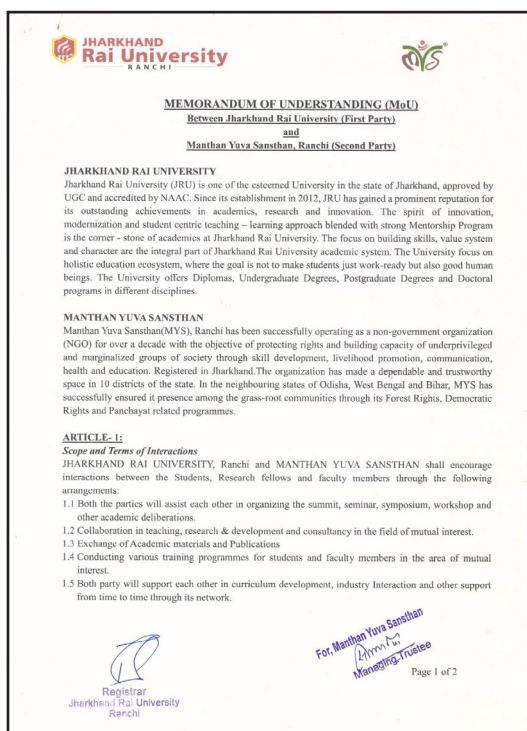
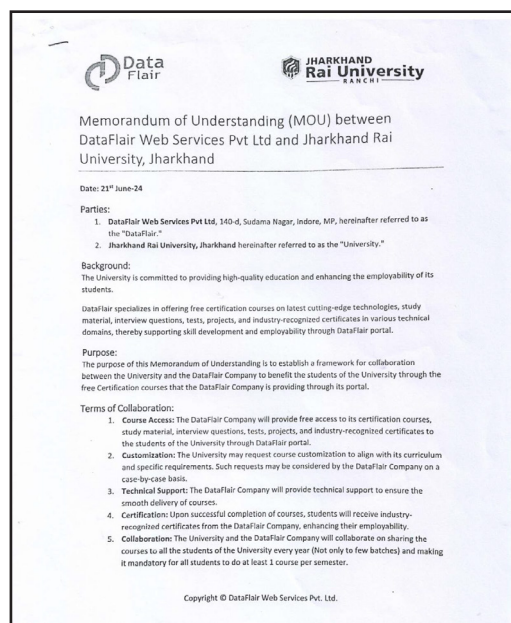
MoU with Maa Ram Pyari Super Speciality Hospital, Ranchi

Practical Training of BPT students



MoU with DataFlair Web Services Pvt Ltd

Free Certification courses through DataFlair portal



MoU with Manthan Yuva Sansthan, Ranchi

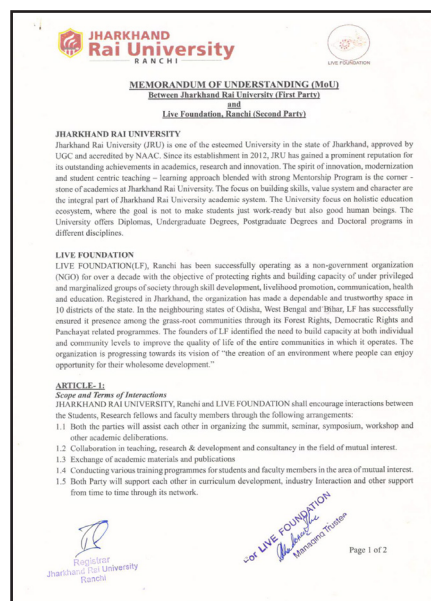
For Academic Development



मंथन युवा संस्थान

MoU with Live Foundation

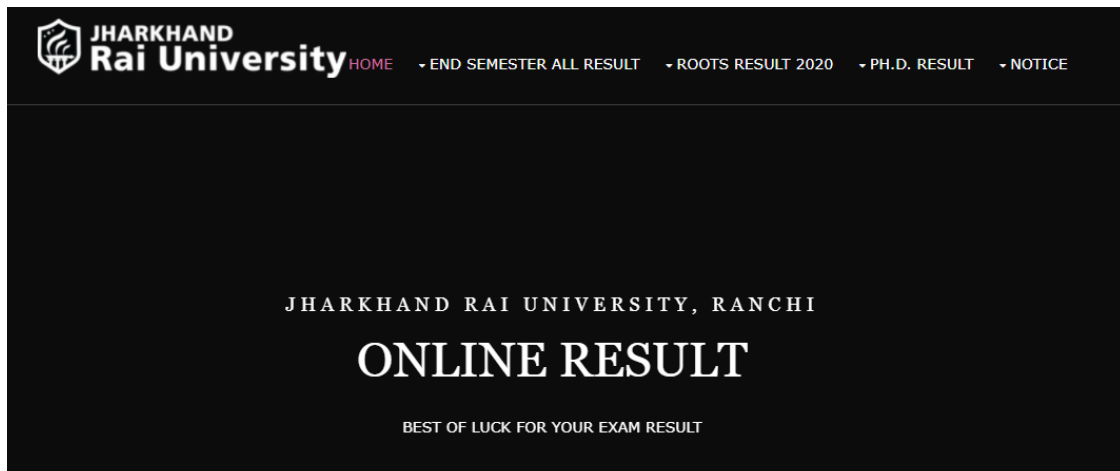
For Academic Development



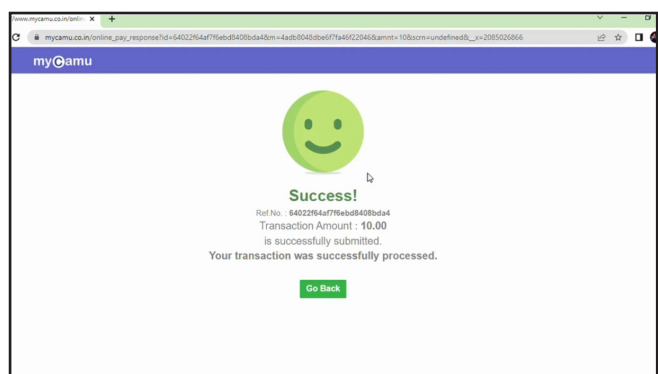
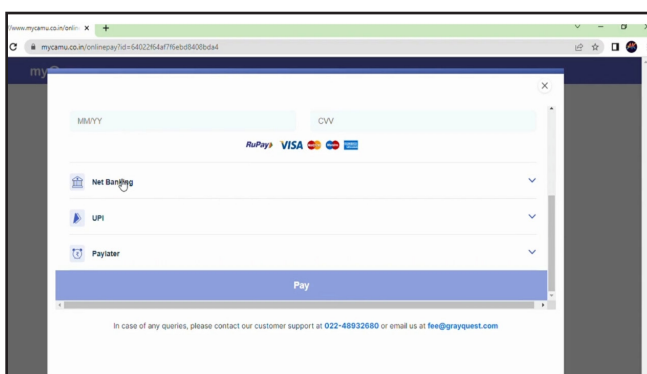
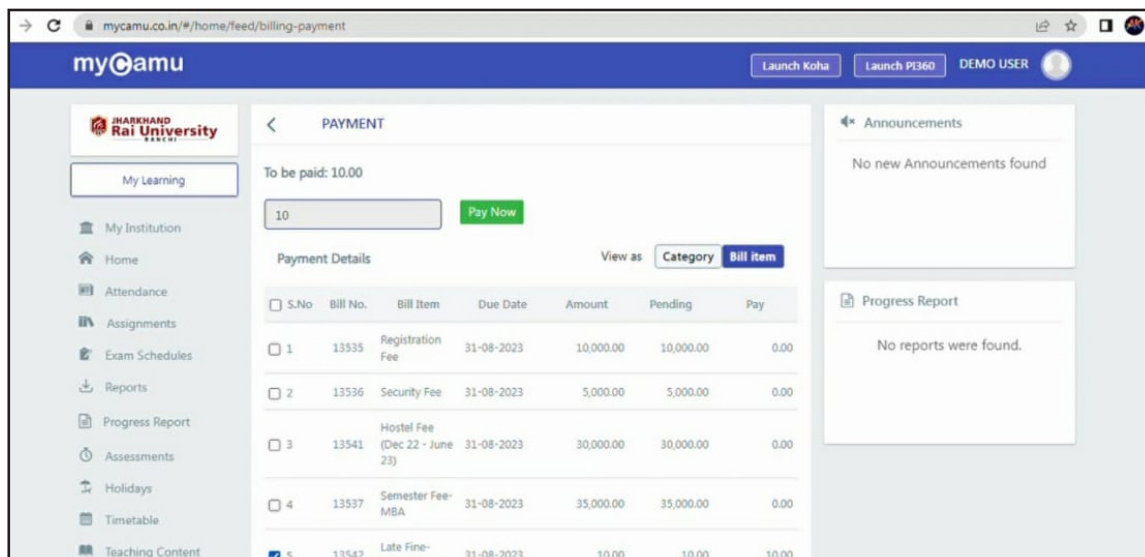
Examination Results at one click

Online Communication Interface at University portal

<https://www.jru.edu.in/online-result/>



Online Payment Service- myCamu



TEACHING & NON TEACHING STAFF PROFILE

Total Employee Strength - 225

Teaching Staff- 108

Dean Academics	01
Dean - Management	01
Dean - Agriculture	01
Dean - Law	01
Dean - Faculty of Health Sciences	01
HOD - Engineering	01
HOD - Agriculture	01
HOD - Computer Science & IT	01
HOD - Management	01
HOD- Pharmacy	01
HOD- Law	01
HOD- Physiotherapy	01
HOD- Paramedical	01
Faculty Members	95

Non-Teaching Staff 117

Head-Training & Placement	01
Head-Accounts	01
Head-Administration	01
Librarian	01
Library Assistants	03
Academic Support Staff	09
Registrar Office	04
Accounts Staff	06
Admission Department	18
System Administrator	02
Lab Assistants	04
Digital Cell	04
Agricultural Assistant	06
Administration Support	57

MENTIONED BELOW IS THE LIST OF CORE FACULTY MEMBERS ACROSS VARIOUS DEPARTMENTS IN OUR UNIVERSITY

DEPARTMENT OF AGRICULTURE

Dr. Ratneshwar Prasad Singh Ratan



Ratneshwar Prasad Singh 'Ratan' is a Professor and Dean in the Faculty of Agriculture at Jharkhand Rai University, Ranchi. Dr. Ratan earned his Master's in Agriculture Extension from BAC and Ph.D in Agriculture Extension from R.A.U. Pusa. The topic of his doctoral dissertation was, "Women's Participation and Economic Contribution in Tribal Farming System in Jharkhand, India".

Apart from presenting research papers in seminars and conferences he has also published 214 research papers, 25 books and 32 manuals, monographs/reports, etc. He has handled 19 research, extension and development projects as Team Leader, Zonal Leader and Principal Investigator which led to the creation of some of the notable landmarks for fostering effective partnership between research, extension, farmer and market putting Farmer First concept in upscaling appropriate technologies, best practices and innovative ideas leading to development of innovative extension models for Jharkhand. Dr Ratan has also guided various Ph.D research scholars.

Dr. Ratan has an experience of 42 years and during this span he has worked in different positions in Universities and Colleges. He has worked as Assoc. Professor & Head Deptt. Of Agricultural Extension, University Professor & Chairman, Deptt. Of Agricultural Extension, and Director Extension Education, Birsa Agricultural University, Ranchi.

Dr. Neeta Shweta Kerketta



Dr. Neeta is an Assistant Professor in the faculty of Agriculture at Jharkhand Rai University. Dr. Neeta earned her master's degree in Agroforestry from Sam Higginbottom Institute of Agriculture Science and Technology and Ph.D. in Forestry from Sam Higginbottom University of Agriculture Science and Technology, Allahabad (U.P). The topic of her doctoral dissertation was "Application of growth regulators and potting media for the quality production of nursery stock in different Poplar clones".

Dr. Neeta has also authored various research papers that have been published in national and international journals. Dr. Neeta has a teaching experience of 9 years during which she worked at different positions in colleges and universities. She worked as teaching assistant, Department of Silviculture and Agroforestry, SHIATS, Allahabad (U.P). She has also worked as HOD/Assistant Professor, Department of Forestry, Doon PG College of Agriculture Science and Technology, Dehradun, Uttarakhand. Dr. Neeta has also guided various M.Sc. students (07).

Poonam Singh



Poonam Singh is an Assistant Professor in the Faculty of Agricultural Sciences at Jharkhand Rai University. She has earned her Master of Agriculture from Birsa Agriculture University in Plant Breeding and Genetics. She has qualified ICAR – NET conducted by ASRB Delhi and earned a Master in Agribusiness Management from ICFAI University. She has around 7 years of work experience in Teaching, Research and Extension works. She has worked as a Lecturer at IIMT Pune, teaching subjects of Agriculture and Agribusiness Management. She has worked for 5 years in KRIBHCO INDO-BRITISH RAINFED FARMING PROJECT engaged in Training, Research and Extension works in Jharkhand Tribal region on various crops like Paddy, Maize, Legumes etc. In KRIBHCO

She has also worked on Participatory plant breeding programme for variety identification and development of

Paddy and Maize crops. Poonam Singh has authored several research papers published on national journals of repute. She has also conducted a no. of training programme and participated in Radio Talk show on various crop related topics.

Bhavna Sinha



Bhavna Sinha is a Faculty Associate in the Faculty of Agriculture Science at Jharkhand Rai University, Ranchi. Ms. Bhavna completed her Graduation in Agriculture and Food Business from Amity University, Noida and Masters degree in Agriculture with specialization in Plant Pathology from SHUATS, Naini, Prayagraj. The topic of her Masters dissertation was "Efficacy of certain essential oils against leaf spot disease (*Alternaria alternata*) of Sarpagandha (*Rauvolfia serpentina* L.)". She has authored two research papers that have been published in International Journals. Her areas of interest are creative writing, reading and gardening.

Khushboo Kumari



Khushboo Kumari is Faculty Associate in the Faculty of Agriculture at Jharkhand Rai University, Ranchi. She has completed her graduation in Agriculture and master's degree in Agriculture with specialization in Agronomy from Birsa Agricultural University, Ranchi. The title of her M.Sc thesis was, "Efficacy of foliar application of nutrients and growth promoter (NAA) on growth and yield of black gram". She has authored research papers that have been published in national and international journals.

She has one year experience of teaching as an Assistant Professor in Agronomy in a University. She delivered lectures in different topics to the farmers in Kisan Goshti. Her areas of interest include organic Farming, integrated farming system.

Koushik Mondal



Mr. Koushik Mondal is an Assistant Professor in the Faculty of Agricultural Science. He has completed his B.Sc. (Hons.) Agriculture from Uttar Banga Krishi Viswavidyalaya in 2019. He completed his M.Sc. in Agronomy from Bidhan Chandra Krishi Viswavidyalaya in 2021. The topic of his Masters degree dissertation was 'PERFORMANCE OF SESAMUM (*Sesamum indicum* L.) UNDER DIFFERENT RESOURCE CONSTRAIN'. Presently he is pursuing his Ph.D. in Agronomy from Visva-Bharati. He qualified ICAR NET in Agronomy in the year 2021 and qualified UGC NET in the same year. He has authored more than 5 articles. He has participated in more than 10 national/ international seminars/webinars, and workshops.

Rahul Kumar



Mr. Rahul Kumar is a faculty associate in the department of Agricultural Science. He has completed his B.Sc. (Hons.) Agriculture from Jaipur National University, Jaipur (RAJ). He completed his M.Sc. in Soil Science and Agricultural Chemistry from Naini Agriculture Institute, Shuats, Prayagraj (U.P). The topic of his master's degree dissertation was 'RELATIONSHIP OF PHYSICO-CHEMICAL PROPERTIES WITH SULPHUR FRACTION IN SOILS OF SAMASTIPUR AND MUZAFFARPUR DISTRICT OF BIHAR'. Mr. Rahul has also authored two research papers that have been published in international Journals. He is an active member of Indian Society of Soil Science. He has participated in many national/ international seminars/webinars, and workshops. He is also awarded

as 'Best Poster Presentation' in an international seminar. He is also a 'Rajya Puraskar' awardee from Bharat Scout and Guide.

Neha Kumari Singh



Ms. Neha Kumari Singh is an Assistant Professor in the Faculty of Agriculture Science at Jharkhand Rai University. Ms. Neha kumari Singh earned her bachelor's in agriculture science in 2017 and masters in Horticulture science specialization in Vegetable science from Bihar Agricultural University, Sabour, Bhagalpur, Bihar in 2019. The topic of her master's thesis was "Effect of transplanting date and plant growth regulators on yield & post-harvest quality of Kharif onion." She has cleared ASRB NET in Horticulture Vegetable science in 2021. She has worked as an Assistant Technology Manager under ATMA Bhojpur, Agriculture department of Bihar. She has worked with BRLPS (Jeevika),

Sitamarhi, Bihar as Livelihood specialist. She has also worked as a surveyor trainee with ICRISAT Hyderabad for Hindustan petroleum on "Biomass assessment including supply chain management of different regions of Bihar." She has published three research papers one as a main author and two as co-author and some are in queue to publish. She has participated in many workshops, seminars & webinars and also presented oral presentation in DISHA-2019 organized in BAU Ranchi. She has participated into different training programmes on different topics. She has won medals in sports like discuss throw and javelin throw at inter-university levels and won different positions in CCA activities. She also worked with tribal women and rural people on ground level and helps them to recreate new opportunities for livelihood generation.

DEPARTMENT OF MINING ENGINEERING

Prof. Dharendra Prasad Pandey



Dhirendra Prasad Pandey is a Professor in the Faculty of Science and Engineering (Mining Dept.) at Jharkhand Rai University. Prof. Pandey has earned his M.Tech from ISM Dhanbad in First Class with specialisation in Industrial Engineering and Management) and B.Sc in Mining Engineering from ISM Dhanbad itself with First Class. He also owns the PG Diploma in Personnel Management and Industrial Relation from Annamalai University. Prof. Pandey has a rich experience of 36 years and during this span he has worked at different Managerial positions in Collieries & Offices of Subsidiaries of CIL (a Maharatna CPSU) since July 1974. He was the Chief General Manager (Mining) in the Project Appraisal Division of CMPDI (HQ), Ranchi.

Dr. Shraddha Prasad



Shraddha Prasad is working as a Deputy Registrar (Academics) and Associate Professor in the Faculty of Science & Engineering. During her tenure in Jharkhand Rai University she is actively involved in academic & administrative responsibilities. She has done Ph.D from Birla Institute of Technology, Mesra, Ranchi. She has done post graduation in Physics from Ranchi University, Ranchi and B.Ed. from St. Xavier's College, Ranchi. She has completed Orientation Programme with Grade-A, organized by UGC-Human Resource Development Centre Ranchi University, Ranchi. A number of her papers are published in different reputed International journals with good impact factors e.g. Elsevier, Scopus, WoS etc. and numbers of research papers presented by her in different International Conference / Seminars. She has also contributed chapter in a book published by Springer Nature. She has edited a book titled as "Advances in Science & Technology" ISBN No. 978-81-946375-0-9, 2020. She is an expert reviewer of reputed Journal. She has been convener of National/ International conferences. She is a member of reputed organizations like Indian Academic Researchers Association (IARA), The Institution of Engineers, India. She has published a patent on 01/01/2021, title-Continuous Health Monitoring and Conditioning of Uprooted Tree due to Cyclone when Replantation, Patent Application No.202041055475A. She has more than 14 years teaching experience in different reputed institutes including 3 years research experience as a Project Fellow in U.G.C Project at BIT, Mesra, Ranchi. As a research guide she has produced 2 Ph.D under her supervision and presently supervising 4 Ph.D Research Scholars at Jharkhand Rai University, Ranchi. Her areas of research are Nonlinear Optics, Solitons, All-optical Devices, Communication and Material Science.

Dr. Vineeta Kumari



Dr. Vineeta Kumari is an Assistant Professor in the Faculty of Science and Engineering at Jharkhand Rai University. She is Ph.D from Veer Kunwar Singh University, Ara, Bihar. She earned her Master Degree from Magadh University, Bodhgaya. The topic of her doctoral dissertation was "Studies on Salvation & Desolvation in different Aqua-organic Co-solvent media". She has presented her research paper in National and International seminars. She has 7 Years of rich experience in teaching and research.

**Dr. Jai Prakash Meena**

Dr. Jai Prakash Meena is an Assistant Professor in the Department of Mining Engineering at Jharkhand Rai University. He has completed his Master of Technology in Mining Engineering from Indian Institute of Technology, Kharagpur. He has also completed his Ph.D. under the guidance of Prof. Samir Kumar Das from the Department of Mining Engineering, Indian Institute of Technology, Kharagpur. His Research areas are Mine Safety management, Mines safety Analytics, Industrial Safety and Mineral Economics etc. He has been the visiting faculty in the School of Mines and Metallurgy, Kazi Nazrul University, Asansol (West Bengal). He has also served as an Assistant Professor in the department of Mining Engineering, Shridhar University, Pilani (Rajasthan) and 6 Students have completed M. Tech Project and submitted their thesis under his Supervision. He was also the course facilitator and conducted more than 13 Short Term courses in the Department of Mining Engineering in association with Continuing Education Program, IIT Kharagpur along with his PhD Supervisor. He has also been associated and worked in several projects of SRIC (Sponsored Research and Industrial Consultancy) in IIT Kharagpur.

Ved Prakash Singh

Ved Prakash Singh is working as the Deputy Registrar (Exams) at Jharkhand Rai University & is also associated with the Deptt. of Applied Science. He is associated with Jharkhand Rai University since September 2014. He has earned his M.Sc. degree from J.P. University, Chapra and currently pursuing Ph.D. He has more than eight years of experience in teaching & academic administration (in the role of Academic In charge, Examination Controller) in various reputed engineering colleges. He is proud to work for the state-sponsored project entitled "Floride containment water in different district in Jharkhand", sponsored by the Govt. of Jharkhand. Apart from presenting research papers in seminars and conferences, he has also authored various research papers that have been published in national and international journals. To his credit, he has published two research papers in highly-indexed international journals named American Journal of Optics and Photonics (Vol-3, No.5 2015) and International Journal of Innovations in Engineering & Technology (vol.6).

Sumeet Kishore

Sumeet Kishore is an Assistant Professor in the Faculty of Science and Engineering with Jharkhand Rai University. Mr. Kishore earned his Bachelor Degree in Mining Engineering from B.I.T. Sindri, Dhanbad & masters from Shridhar University, Rajasthan. He has worked on the topic "Designing and Optimization of pillar sizes in Underground Coal Mines" for 6 month. Mr. Kishore has enriched his research work with quality papers in the field of mining engineering. He has visited and analyzed the working culture of various mines such as HCL Ghatsila, Bararee Colliery BCCL, SAIL Chasnala, Bagru Mines, Hindalco, etc. He has received various recognitions for contribution towards students from IIT Bombay, Global Teaching Academic etc. He is also member of scientific committee of Institute for engineering research & publication. Apart from this he has proficiency in Web Technology, Computer Languages, etc. and also provides consultation to the student regarding their career, future scope & outcome.

Om Prakash Satyam

Om Prakash Satyam, a Master in Production Technology had started his career as a Trainee Engineer in the Production of Heavy Farming Equipments at Punjab Agro Based Ltd., based on Bhatinda, Punjab, in April'2012. After gaining industry experiences in Production, Mr. Satyam started his career in academics with BM Groups of Institutions, Gurugram, in the department of Mechanical Engineering, since July' 2012. Mr. Satyam, a Gate qualified engineer, has published his thesis, titled, "To Study the effect of Process Parameters on Mechanical Properties of Mild Steel in Sub-merged Metal" in IJMEIT. His area of interest includes "Strength of Material", "Machine Design", "Production Technology", & "Tribology" etc. He has six years of Teaching Experience. He has

participated in NPTEL courses such as Wastewater Treatment and Recycling, Processing of Polymers and Polymers Composites, Geosynthetics Laboratory and Project Planning and Development. Presently he is working with Jharkhand Rai University as a Assistant Professor.

Shambhavi Sinha



Ms. Shambhavi Sinha is an Assistant Professor in the Faculty of Science & Engineering at Jharkhand Rai University. She received her M.Tech with specialization in Geotechnical Engineering from BIT Mesra, Ranchi. She has worked on the thesis “Comparison of shear strength of cohesion-less soil reinforced with Human Hair fiber, Coir fiber and Sugarcane Bagasse”, during her M. Tech, which was also presented in the “National Conference of Structural and Geotechnical Engineering” (NCSGE-2022) held in NIT Jamshedpur. She has a journal published on Krishi Sanskriti on the topic- “Laterite Soil stabilization by using Waste Plastic Strips”. Her area of interest includes Ground improvement, seismic stability of slopes in mines and retaining walls, analysis and design of machine foundation, seismic soil-structure interaction.

Srinivas Gorlapalli



Srinivas Gorlapalli is a Lecturer in Department of Mining Engineering at Jharkhand Rai University. He has pursued his Bachelor of Technology in Mining Engineering from Malla Reddy Engineering College, Hyderabad. He has visited and analyzed the working culture of various underground as well as open cast mines such as Kalyani khani no-5 underground mine-SCCL, Kalyani khani no-1 opencast mine-SCCL, New Tech incline-SCCL, Srirampur etc. He is committed and an engaging Lecturer, bringing exceptional lecturing skills and expertise in Mining Engineering Sought after for variety of learning modalities and support materials to facilitate learning process and accentuate presentations. He got patented right on his project “MINE VENTILATION LAYOUT” during his graduation. “MINE PLANNING AND DESIGNING USING SURPAC SOFTWARE” was his project during his graduation from Malla Reddy Engineering College.

Somnath Kumar Rishi



Somnath Kumar Rishi is working as a Lecturer in Department of Mining Engineering at Jharkhand Rai University. He has completed his Bachelor of Technology in Mining Engineering from Mats University, School of Engineering & IT Raipur (C.G). He also obtained Second Class Mine’s Manager Certificate of Competency (UR) Coal from DGMS Dhanbad. He has worked in u/g which is governed by Reliance Mines Chhindwara (M.P). He has also visited and analyzed working culture at CCL Dhorri & Govindpur Colliery, MOIL MANGANESE ORE MINES SITASOWNGI, NAGPUR, KANHAN AREA WCL UG COAL NAGPUR (M.H). He is committed and an engaging Lecturer, bringing exceptional lecturing skills and expertise in Mining Engineering. He has also worked in several projects on “A systematic Utilization of Shovel Dumper combination” and “Using of Fly ash for backfilling.

Md. Sameer Farooque



Sameer Farooque is a Lecturer in the Faculty of Science and Engineering at Jharkhand Rai University. Md Sameer Farooque earned his B.Tech in Mechanical Engineering from Sharda University, Greater Noida and M.Tech in Advance Production System from NRI college Bhopal, RGPV University. He has worked as a lecturer at Subhash Institute of Technology, Giridih. He also worked a Boiler Operator Engineer at Shantamani paper mill, Bihar Sharif.

DEPARTMENT OF MANAGEMENT

Prof. (Dr.) Ashfaque Alam



Dr. Ashfaque Alam is presently working as (Dean External Relations) & Professor in Faculty Commerce & Management of Jharkhand Rai University, Ranchi. He has pioneered the Ph. D program of the University as Coordinator of the programme to improve research environment of the University. He has unique blend of experience in marketing and academic. He served four years in different capacities in the Sales and Distribution Industry in automobile and financial sectors and has taught Management subjects for eight years as a faculty member at S N Sinha Institute of Business Management, Ranchi University, Ranchi and at Jharkhand Rai University, Ranchi. He has been awarded Doctorate Degree by Ranchi University, Ranchi (Deptt. of Commerce & Business Management) in 2012 on the topic "Indian Labor Policy

During Planned Economic Development -A Critical Study". He qualified UGC NET Exam in June 2013. Dr. Ashfaque Alam has presented twelve (12) papers in International/National conferences/seminars. He has published twelve (12) Research Papers in peer reviewed refereed International/National Journals. As a research guide he has produced four (4) Ph.Ds under his supervision and presently supervising six (6) Ph.D Research Scholars at Jharkhand Rai University, Ranchi. He has also Authored a book named "INDUSTRIAL LABOUR POLICY & ECONOMIC DEVELOPMENT OF INDIA" He is member of many professional bodied. He is also the life member of Ranchi Management Association (R.M.A) under the aegis of All India Management Association (A.I.M.A.).

Dr. Harmeet Kaur



Dr. Harmeet Kaur is presently working with Jharkhand Rai University as Dean- Faculty of Commerce & Management. Her area of expertise is Finance and Business Accounting. She has more than 12 years of Academic & Research experience apart from the freelance teaching assignments that she has undertaken during her career. In the current and previous organizations, she has been a key resource person and can deftly handle multiple responsibilities that range from teaching, coordination of class and student activities, planning and administering university examinations and other administrative responsibilities as well. She proficiently leads, synchronizes team activities and complements the team performance.

She also engages in domain related research by actively publishing various research papers and has also presented various papers both at the national and international conferences. She has three Scopus indexed publication and many publications in UGC recognized journals. She brings in energy and fun-filled contemporary knowledge trends into the classroom that can make learning an effortless process. . She is a structured personality who can proactively predict and strategize for the overall growth of the organization.

Dr. Anusha Priya



Anusha Priya is working as an Assistant Professor in the Faculty of Commerce & Management at Jharkhand Rai University. She is NET qualified & has done her PhD in the area of "Environmental Management & Sustainable development". She is also the Research Coordinator of the University. She has a work experience of about 8 years including research experience of 5 years. She has earned her Master's in Management from ISM, Ranchi. She has published & presented several research papers in various international journals and conferences. She has conducted classes in the Refresher Course of UGC-Academic Staff College, Ranchi in the field of Management. She has also done a Refresher course organized by the HRDC, Ranchi

University. i in the field of Management. She has also done a Refresher course organized by the HRDC, Ranchi University.

Dr. Abhishek Pratap



Abhishek Pratap is designated as Assistant Professor and placed in the Faculty of Commerce & Management, at Jharkhand Rai University. He has more than 12 years of experience, out of which he has six years of academic experience. He has worked in various reputed organization like Cholamandalam Ms General Insurance, Usha Martin Academy, St. Xavier's College and so on. He has done his MBA from ICFAI business school, Mumbai & BBA from BIT Mesra. He is UGC-NET qualified in Management and has been awarded Doctorate Degree by B.R Ambedkar, Bihar University, Muzaffarpur (Dept.

Of Management) in 2015 on the topic “A study of Agriculture marketing in Bihar”. He also holds a licentiate certificate from Insurance Institute of India. His area of interest is Marketing management and related papers. Mr. Pratap has presented various papers in National conferences. He has also published various Papers in reviewed refereed international and national Journals. He has also been actively engaged in training students in retail domain as part of Skill development conducted by NSDC.

Dr. Shabbir Hussain



Shabbir Hussain is presently working as Associate Professor in Faculty of Commerce and Management at Jharkhand Rai University, Ranchi. He has been awarded Ph.D degree in ‘Solid Waste Management’ from Ranchi University, Ranchi and has completed MBA from BIT Mesra Ranchi. He has more than 18 years of experience in teaching as well as corporate sector. He has presented papers and published articles in national as well as international journals. He is also a Life Member of various associations. He has won many accolades both national and international for his outstanding contribution in diverse field.

Sabyasachi Chakraborty



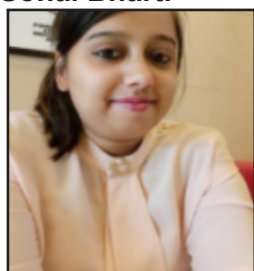
Sabyasachi Chakraborty is working as an Assistant Professor in the Faculty of Commerce & Management at Jharkhand Rai University and is also the Dean - Students Welfare of the University. He is UGC-NET qualified in Management. He is also heading Students Welfare Department of the University. He has earned his Master’s in Management from Mumbai University with specialization in Marketing. He has total work experience of more than twelve (12) years. Out of which 7 years in BFSI sector including ICICI Prudential & Max New York & 5+ years in Academics.

Rashmi



Rashmi is presently pursuing Ph.D in English from DSPMU, Ranchi. She has done Post Graduation in Management from Delhi and M.A in English from Patna University, Patna. Adept with 12+ years of teaching experience, she has an expertise in teaching Management Papers at MBA and BBA levels at various colleges of Ranchi University and also at Study Centre of Sikkim Manipal University and IGNOU. She has been teaching core papers of Marketing and HR in Vocational Department [BBA] at Doranda College, a constituent unit of Ranchi University, Ranchi. She also has an experience of teaching Management papers at one of the most reputed, prestigious St. Xavier’s College, Ranchi an autonomous college of Ranchi University. Apart from Management papers she has been teaching English subject in Intermediate Section Arts, Science, Commerce of Jharkhand Academic Council at Doranda College Ranchi. She has been taking Communication/ Soft Skills and Personality Development classes for students of MBA, BBA, MCA, BCA at Dr. Zakir Hussain Institute study centre of Sikkim Manipal University and NIIT centre. She has presented 6 papers in International/National Seminar/Conferences and also published research papers. She has attended/participated in Workshops/Faculty Development Program in various reputed Institute/University. She is also the Life time member of ‘Association for Research in Social Sciences, Commerce and Management’{ARISCOM}. Prior to teaching, she has an experience of working in Corporate sectors like Inox Global Services Limited Gurugram, Satyam Infoways Limited, New Delhi in managerial capacity. Presently she is working as Assistant Professor at Jharkhand Rai University in the Faculty of Commerce & Management.

Sonal Bharti



Sonal Bharti is currently working as a Faculty Associate in the Department of Commerce & Management at Jharkhand Rai University. She is currently pursuing her Ph.D from Jharkhand Rai University. She has done her Post Graduation Diploma in Management from Xavier’s Institute of Social Service (XISS), RANCHI. Her specialisation is Finance. She has over 3 Years of experience in Corporate in operations as well as 3 years of experience in teaching. She brings her corporate learning into the classroom.

Anirban Biswas

Manoshi Roy is working as an Assistant Professor in the department of Faculty of Commerce and Management in Jharkhand Rai University, Ranchi. She has 18 years of teaching experience out of which 14 years of experience, she has earned from reputed engineering and management colleges of India like Amity University Jharkhand, Gandhi Institute for Education and Technology (GIET) Bhubaneswar, Institute of Management and Global Excellence (IMAGE) Bhubaneswar and she also got corporate sector experience from ICICI Prudential Life Insurance Corporation Limited. She is a certified IELTS trainer as certified by British Council of India. She has presented more than 25 technical as well as non-technical papers on various seminars at university level. Linguistics and English Language Teaching are her specialization papers during Masters in English and she has an extensive knowledge regarding various subjects of management studies during her master's in business administration. This amalgamation of knowledge of core English and management along with student interaction experience concocted her into a expert life skill trainer. Her teaching methodology is entirely based on broader techniques of achieving learning outcomes. She has recently completed an online training on digital journalism from REUTERS media house USA and participated in Self Directed Emotional Learning for Empathy and Kindness (SEEK) developed by UNESCO MGIEP and Life University USA.

Shijimol E.A

Shijimol E.A is working as an Assistant Professor in the Faculty of Commerce & Management at Jharkhand Rai University. She has around 20 years of experience in Academics, Training, and Administration. She has taught courses like BBA, B Com, PGDM, and MBA in subjects related to General Management. HRM, Learning and Development etc. She has also worked as a faculty member for a National level Training Institute and trained bank officers in various related subjects from PAN India. She is also a Certified Trainer for Financial Cooperatives (CTFC). Moreover, she has worked in various levels of educational institutions including HOD, IQAC Coordinator, and Principal.

Snigdha Singh

Snigdha Singh is currently working as a Faculty Associate in the Department of Commerce and Management. She has done her graduation from Delhi University and her Post Graduation Diploma in Management from Xavier Institute of Social Service (XISS) Ranchi. Her specialisation is Finance. She has over two years' experience in Corporates like ICICI Lombard, Bayer and ICICI Securities.

Manoshi Roy

Manoshi Roy is working as an Assistant Professor in the department of Faculty of Commerce and Management in Jharkhand Rai University, Ranchi. She has 18 years of teaching experience out of which 14 years of experience, she has earned from reputed engineering and management colleges of India like Amity University Jharkhand, Gandhi Institute for Education and Technology (GIET) Bhubaneswar, Institute of Management and Global Excellence (IMAGE) Bhubaneswar and she also got corporate sector experience from ICICI Prudential Life Insurance Corporation Limited. She is a certified IELTS trainer as certified by British Council of India. She has presented more than 25 technical as well as non-technical papers on various seminars at university level. Linguistics and English Language Teaching are her specialization papers during Masters in English and she has an extensive knowledge regarding various subjects of management studies during her master's in business administration. This amalgamation of knowledge of core English and management along with student interaction experience concocted her into a expert life skill trainer. Her teaching methodology is entirely based on broader techniques of achieving learning outcomes. She has recently completed an online training on digital journalism from REUTERS media house USA and participated in Self Directed Emotional Learning for Empathy and Kindness (SEEK) developed by UNESCO MGIEP and Life University USA.

DEPARTMENT OF COMPUTER SCIENCE AND IT

Prof. (Dr.) Piyush Ranjan



Dr. Piyush Ranjan is a Professor and Registrar in Jharkhand Rai University, Ranchi. In this role, Dr. Ranjan contributes to the overall development and implementation of academic and administrative strategies for the University to meet the aspirations of the University's stakeholders. He oversees the academic and administrative matters within the University and provides a suitable direction to the team in this regard. Under his visionary leadership, University has reached to the heights with NAAC accreditation, UGC approval & many other recognitions.

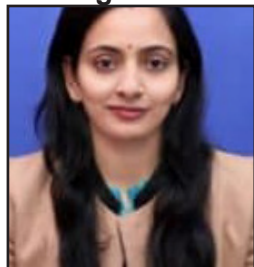
Dr. Ranjan holds a double graduate degree in Physics and Computer Application and also a double post-graduate degree in Management and Computer Application. He has over 20+ years of experience in corporate sector and academics. Apart from being an IT Consultant, he has also taught in various educational institutions in Delhi and other places. His area of expertise includes MIS, Operating System, Database Management System and Network Administration. His area of research includes Environmental Impact of Microprocessor Technology, Threat of dumping Obsolete Computers, Sustainable Development of Computer Technology etc. Prof. Ranjan has contributed and edited chapters in various books both for National & International publishers and also published few books like 'Challenges to Higher Education', 'Online Learning', 'Changing Role of Teachers in Education' and many more. He is also on the Board of 'Advisory Editorial Member' of various National & International Journals and has conducted many workshops and FDP in institutes across India. He has also presented various papers in National & International Conferences organized by FMS Delhi, IIT Roorkee, ISB Hyderabad, BITS Pilani, IMT Ghaziabad, NIRMA University etc. He is also a recipient of various awards and achievements including "special acknowledgement Certificates" for the contribution in different Management Development Programs from All India Management Association (AIMA) for four consecutive years (2007- 2010). He has also been awarded as an "Innovative Academic Leader" in year 2017 for his outstanding and exemplary contribution to education and skill by Global Education and Skill Summit.

Dr. Anita Singh



Anita Singh is an Associate Professor in the Faculty of Computer Science & IT at Jharkhand Rai University. She has completed her Ph.D & the topic for her Doctoral dissertation was "Struggling women-writings in Nigeria with special reference to the novels of Buchi Emecheta". She has more than ten years of teaching experience in the English language and communication at BITEC Lalpur and R.W.C. Ranchi. Dr. Singh has attended couple of seminars as well as published research papers in various journals.

Shivangini Bihari



Ms. Shivangini Bihari is working as an Assistant Professor in the Faculty of Computer Science & Information Technology at Jharkhand Rai University. She is currently pursuing Ph.D from Jharkhand Rai University and her area of research is in Machine learning. She has qualified UGC- NET in Computer Science and Application. She has completed her B.Sc (CA) in Computer Science & Application department from Ranchi Women's College and M.Sc (IT) in Computer Science & Application department from Ranchi College, Ranchi under Ranchi University. She has developed Website "Online Food Ordering" and also developed Android based App "Local Search", search like nearest

Hospital, Restaurant, Bank, ATM etc. She is also working as Project Coordinator and Events in-charge of the Department of Computer Science and Information Technology. Her areas of interest includes DBMS, Python Operating system, C, C++, Java Automata and compiler.

Anuradha Sharma

Anuradha Sharma presently working as a Assistant Professor in Jharkhand Rai University. She holds a Master degree in Information Technology from BIT Mesra and a B.Tech degree from B.P.U.T (Biju Patnayak University of Technology). Her topic for research while M.Tech was “Prediction of Iron ore using Soft Computing Technique” which involved Artificial Neural Network using Back propagation method. Her interest include RDBMS, C, C++. She is an avid reader and holds interest in current affairs topic.

Rajan Kumar Tiwari

Rajan Kumar Tiwari is an Assistant Professor in the Faculty of Computer Science & IT at Jharkhand Rai University. Tiwari earned his Masters in Computer Application from Indira Gandhi National Open University, New Delhi. He is associated with Jharkhand Rai University since August 2016. He has a rich experience of 15 years in teaching profession in the area of CS & IT. During this time span, he served different teaching institutions. In his current profile, he is also associated with the University Examination Department and the bi-annual newsletter of the University in the role of Editor. In addition to teaching-learning, he has a keen interest in co-curricular activities for the all-round development of the students. Prof. Tiwari was also associated with print media as a sub-editor in a reputed hindi daily for eight years.

Dr. Kumar Amrendra

Kumar Amrendra is presently working as an Assistant Professor in the Faculty of Computer Science & Information Technology at Jharkhand Rai University. He has completed his Ph.D. in the area of Computer Networking and Issues in Ad-hoc Networks. He holds a Master Degree in Computer Application (MCA) from Birla Institute of Technology, Mesra, Ranchi. He has done his Bachelor in Computer Application (BCA) from St. Xavier's College, Ranchi. He has done his project on Student Service System, BIT Mesra, Ranchi. He was also awarded with G.P. Birla Scholarship for academic excellence during his masters. Prof. Amrendra has more than 6 years of teaching experience in different educational sector. His area of interest includes Computer Networking, Database Management System, Computer Graphics, C, C++, and

Data Mining. He has great interest in Research and Publications with more than 10 publications in reputed Journals with highest Impact Factor of 7.36. He has contributed 6 book chapters having National and International publisher. Dr. Amrendra has also authored a book titled Futuristic Trends in Information Technology. He has three patents published on his name titled “CV based Accident-Avoidance System through Video Surveillance using Deep Learning Algorithms”, “Artificial Intelligence and IoT based Intelligent Automation (Home) using Wi-Fi and Android Applications” and “A Systematic Analysis of An Image-Based System for Identifying and Classifying Plant Diseases using Deep Learning Methods”. He has also attended several National and International Conference and Seminars. He has also contributed in 2 projects conducted by Unnat Bharat Abhiyan (UBA), National Institute of Technology (NIT) Jamshedpur in association with Palamu Government “Doctor-Patient Appointment Web App” and “Aarogya – Sahiya Portal and Web App”. Dr. Amrendra is the Convener of Institution Innovation Council (IIC) – Entrepreneurship Development Cell of the University. He is a certified Innovation Ambassador at Ministry of Education's Innovation Cell & AICTE. Dr. Amrendra is also a Master Trainer of Indian Knowledge Systems (IKS) selected by Ministry of Education, Govt. of India and University Grants Commission (UGC). He is also working as Placement coordinator in the Department of Computer Science and Information Technology. Apart from teaching he has a keen interest in Sports and Cultural Activities and he is also associated with the Cultural Club of the University.

Wakil Kumar

Wakil Kumar is presently working as Assistant Professor in the faculty of Computer Science & IT. He earned his M.Sc.in Mathematics from Science College; Patna University and M.Phil in Mathematics from Ranchi University. His special paper in M.Sc. was Operation Research and special paper in M.Phil was Generalized Integral Transform. He has more than five years of teaching experience in different Engineering Colleges including R.G.I.T Koderma, G.G.S.E.S.T.C Bokaro. His area of interest is Laplace Transform, Fourier, Z-Transform, Differential Equation and Complex Analysis. He attended short-term training programme on “Effective Teaching” sponsored by TEQIP-II, MHRD & conducted by CET, IIT Kharagpur.

Shashank Sawan

Shashank Sawan is working as an Assistant Professor in the Faculty of Computer Science & IT at Jharkhand Rai University. He has completed his B.tech in Computer Science & Engineering from Synergy Institute of Engineering and Technology, Dhenkanal (affiliated to BPUT) and M.tech in Computer Science & Engineering from BIT Mesra, Ranchi. During B.tech, As major project, he developed a Media Player namely "The Ultimate Synergy Player" (just like VLC media player, Windows media player, etc.) But with a Photo Viewer embedded into it (just like Windows Photo viewer).It could read audio, video and also image files. Also, during B.tech, he worked as a Project Trainee in Tata Consultancy Services Ltd. During M. tech, the topic of his research was "Two Layered Multi-Layer Perceptron (MLP) Neural Network and Gaussian RBF Kernel SVM along with ensemble methods (bagging, boosting, stacking) and Stratified K-Fold for Diabetes Classification". His areas of research includes Machine learning and Data mining. His areas of interest includes Machine learning, Database management system, Operating system, C, C++, Java and Python.

Manoj Kumar Mondal

Manoj Kumar Mandal is an Assistant Professor in the Faculty of Science and Engineering at Jharkhand Rai University. Mr. Mandal earned his Master in Mathematics from Vinoba Bhave University Hazaribagh and Ph.D. from Jharkhand Rai University Ranchi. The Topic of his "Some Application of Fuzzy Set Theory in Quadratic Programming" A part from presenting research papers in Seminars and conferences he has also authored various research Papers that have published in national and international journal. Mr. Mandal has a rich experience of 16 years during this span he has worked at different positions in Diploma and degree college.

Chandray Soren

Chandray Soren is currently working as an Assistant Professor in the Faculty of Computer Science & Information Technology at Jharkhand Rai University. He has hold a degree in Master of Technology in Computer Science & Engineering (M.Tech.-CSE) from Siksha O Anusandhan University, Bhubaneswar, Master of Computer Application (MCA) from Biju Pattnaik University of Technology, Rourkela, Diploma in Office Computing (DOC) from Zee Education, Orissa and Bachelor Degree from North Orissa University, Baripada. He has qualified UGC-GATE in Computer Application & Information Technology and JEE in Computer Application. His topic for research while M.Tech. was "Data Mining in Pattern Recognition by Back Propagation". He is having 14 years of total work experience which includes 7+ years of teaching experience in University and Engineering Colleges like National Institute of Computer Education, Bhubaneswar, Dr. Shyama Prasad Mukherjee University, Ranchi, Dr. Ambedkar Memorial Institute of Information Technology & Management Science, Rourkela, along with he has worked as a System Administration and Assistant Examination Controller during his teaching periods. He has also worked as a Vocational Coordination in Jharkhand Skill Development Mission Project (School Project) at Venture Skill India Pvt. Ltd., Ranchi. His areas of interest in teaching include Software Engineering, Data Mining, C, C++, Java, Python, Android, Operating System, Digital Logic, Microprocessor, Computer System Architecture, and Computer Network, MIS, E-Commerce.

Mr. Sanjay Kumar Mahto

Sanjay Kumar Mahto is a Faculty Associate in the Faculty of Computer Science & Information Technology at Jharkhand Rai University. He has earned his Master in Computer Application from Jain University, Bangalore and B.Sc IT from Ranchi University. He has published his research paper on the topic "Supermarket Sales Forecasting using Machine Learning" in Journal of Emerging Technologies and Innovative Research (JETIR). He has done project training at System Department of Central Coalfields Limited, Ranchi on the topic "College Management System". He has also undergone training on "Sales and Distribution Module on SAP" at Usha Martin Limited.

DEPARTMENT OF PHARMACEUTICAL SCIENCES

Prof. (Dr.) Randhir Kumar Gupta



Dr. Randhir Kumar Gupta is a Professor in the Department of Pharmacy at Jharkhand Rai University, Ranchi, Jharkhand. Dr. Gupta earned his Ph.D. degree in Pharmaceutical Science from NIMS University Jaipur and M. Tech (Biotech.) from West Bengal University of Technology which is now known as Maulana Abul Kalam Azad University of Technology, Kolkata and Bachelor in Pharmacy from Uttar Pradesh Technical University, Lucknow. Dr. Gupta qualified entrance exam which was conducted by JNU Delhi for his master program and got scholarship by the Dept. of Biotechnology, Government of India. He has published various full length research papers and as abstracts in national and international journals.

Dr. Gupta has extensive 17 years of experience at different positions. Dr. Gupta is the elected member of Jharkhand State Pharmacy Council. His area of research interest is "Investigation and Screening of Plant Originated Phytopharmaceuticals for Anti-Inflammatory activity".

Dr. Syed Mohammad Abdullah



Syed Mohammad Abdullah, is an Assistant Professor in the Department of Pharmaceutical Sciences at Jharkhand Rai University. Mr. Syed Mohammad Abdullah had completed his bachelor's degree in pharmacy and master's in pharmacy with the specialization in Pharmacology from Jamia Hamdard University, New Delhi and was also awarded UGC fellowship during that period after qualifying the GATE examination in 2006 conducted by IIT Kharagpur. Recently, he submitted his thesis for the award of Ph.D. degree at Birla Institute of Technology, Mesra. The topic of his doctoral dissertation was "Development of an in vivo rat model for pulmonary fibrosis with insights into novel treatment regimen".

His area of research includes pharmacological aspects related to respiratory and anti-hypertensive drugs along with special experience related to bioavailability, bioequivalence studies during clinical trial research. He has four research papers publications in reputed journals of international and national categories. He has more than 7.5 years of experience in the department of Medical Affairs & Clinical Research (MACR) and was lastly designated as Senior Research Scientist (SRS) in Sun Pharmaceutical Industries Ltd. Besides, he also worked for 2.5 years in health services in Central Security Hospital (CSH) governed by Ministry of Interior (MOI), Saudi Arab. Apart from the research activities and health services he is also registered in licensing authority as pharmacist in India as well as in abroad through qualifying the Saudi Commission for Health Specialties (SCHS) examination.

Hemendra Mishra



Mr. Hemendra Mishra is an Associate Professor in the Department of Pharmaceutical Sciences at Jharkhand Rai University, Ranchi, Jharkhand. Mr. Hemendra Mishra earned his Master degree in Pharmaceutics from Himalayan Pharmacy Institute, Mazitar, Rangpo affiliated with North Bengal University Siliguri (West Bengal) and B. Pharm from Himalayan Pharmacy Institute, Mazitar, Rangpo affiliated with North Bengal University Siliguri (West Bengal). He has published various research papers in national and international journals of repute. and attended / participated in the various conferences.

Mr. Hemendra Mishra has extensive 18 years of experience at different positions. He has worked in different University as assistant professor and also served as a principal. He has also served as Analytical Chemist in the Industry. He is having good exposure in both in Industry and Academia. His area of research of interest is "Nobel Drug Delivery System".

Jay Chandra



Jay Chandra is a lecturer in the Department of Pharmaceutical sciences at Jharkhand Rai University. Jay Chandra earned his Bachelor in Pharmacy from NIMS University, Jaipur, Rajasthan. Mr. Chandra has 3 years of experience and during this span he has worked in different fields of Pharmacy. He has worked as a quality control chemist at PHPL, Pali, Rajasthan and worked with Piramal Swasthya, Bokaro hospital. He has also worked as lecturer at R.J.W.C.P.E.T at Pillani, Rajasthan. Apart from this, He also attended IPC 2018, held at Amity University, Noida, Uttar Pradesh. His area of interests

are Natural Products and Cosmetology.

Sudipto Mangal



Sudipto Mangal is working as Assistant Professor in the Department of Pharmaceutical Sciences at Jharkhand Rai University, Ranchi. He completed his M. Pharm from Himalayan Pharmacy Institute, Majhitar, East Sikkim and earned his Bachelor degree from JIS University, Kolkata. He did his M. Pharm project on topic "Isolation of various bioactive components from freshwater fish scales". He has published 4 scientific articles in various reputed International/National journals and one book chapter titled "Mangrove: A Potential source of Bioactive Compounds" of published book entitled "Research Trends in Medicinal Plant Sciences (Vol. 10)". Apart from this, he has presented 6 scientific research works in different International and National conferences/symposiums/congresses and participated in more than 50 National and International Conferences/Seminars/Workshops/webinars. He has grabbed 2nd position in Young Researcher Award, 2022 in an AICTE sponsored International Conference, Awarded as "IPA Bengal Pharma and Healthcare Trust Scholarship" in 2020, Awarded for Outstanding Innovative Project titled "Advanced Mass Sanitization Sprinkler" at JIS University, Online IDEATHON THOR 2020 as a student. His area of research majorly includes Extraction of biomolecules from Municipal/Solid Waste Management.

Srijani Dasgupta



Ms. Srijani Dasgupta is an Assistant Professor in the Department of Pharmaceutical Sciences at Jharkhand Rai University, Ranchi. She obtained her B.Pharm and M.pharm degree in Pharmacology from Birla Institute of Technology (BIT, Mesra), Ranchi. She has an industrial experience in pharmacovigilance as Data Analyst in Cognizant Technology Solutions. She carried out her M.pharm project on "Evaluation of Activity of Clerodendrum colebrookianum Walp extract in Isoproterenol induced Cardiac Myopathy" wherein phytochemical analysis and estimation of in-vitro antioxidant potential of standardized plant extract was conducted and also its efficacy in cardiovascular conditions in-vivo was evaluated. Her skills include animal handling (mice, rats and rabbits) and ethical use of animals for in-vivo experiments. She is specially trained and certified for surgical procedures required for inducing CVD, post-surgical care, survival surgery. Her patent on "Artificial Intelligent System Embedded with Plurality Sensors Monitoring and for Prediction and Detection of Heart Diseases" has been published recently. She has completed course on Good Clinical Practice conducted by National Institute on Drug Abuse (NIDA). She has participated and presented her research work in more than 10 National and International Conferences and Seminars.

Uma Kumari



Uma Kumari is a Assistant Professor in the Faculty of Pharmaceutical Sciences at Jharkhand Rai University. Uma Kumari earned her Bachelor's in Pharmacy from S. Sinha College, Aurangabad, Bihar and Masters in Pharmacology from Birla Institute of Technology, Mesra, Ranchi. She did her M. Pharm Project on the topic, "Evaluation of the activity of Quercetin in hippocampal memory impairment". She has qualified GPAT and got AICTE PG scholarship for doing M. Pharm. She has also attended international conferences and participated in poster presentation. She is a member of Indian Pharmacy Graduates' Association Jharkhand.

Sourav Khawas



Sourav Khawas is a Lecturer in the Department of Pharmaceutical Sciences at Jharkhand Rai University. Mr. Khawas earned his Bachelor in Pharmacy from Dr. B. C. Roy College of Pharmacy and Allied Health Sciences, Durgapur. He has published two Research papers in Asian Journal of Research in Chemistry. Mr. Khawas had also attended different National and International conferences and Seminars. His area of interest are Novel Drug Delivery System and Spectrophotometry.

Soma Ghosh

Soma Ghosh is an Assistant Professor in the Faculty of Pharmaceutical Sciences at Jharkhand Rai University. Soma Ghosh earned all her Master's degree in Pharmaceutics, Bachelor degree & Diploma in Pharmacy from Guru Nanak Institute of Pharmaceutical Science and Technology, West Bengal. She has an experience as an Assistant Professor at Radha Govind University. Soma Ghosh has completed her master's degree project on "Synthesis and characterization of hydrophobic carbon dot encapsulated liposomes".s a quality control chemist. She did her M.Pharm Project on the topic, "Analytical method development and validation on assay of satrogyl-O BY RP-HPLC" and B.pharm project on "Anthelmintic property of croton bonplandianum. She also ranked 36 in OJEE exam.

Kishore Kumar Roy

Kishor Kumar Roy is a Lecturer in the Department of Pharmaceutical Sciences at Jharkhand Rai University. Mr. Roy completed his Bachelor of Pharmacy degree from Bharat Technology, Uluberia, Howrah under the University Of Maulana Abul Kalam Azad University Of Technology, West Bengal. He also qualified GATE 2022 conducted by IIT Kharagpur. He completed his industrial internship from Caplet India Pvt Ltd and hospital internship form Dr. J R Dhar Sub-Divisional Hospital, West Bengal. He has one year experience as a Lecturer at Mata Gujri College of Pharmacy, Kishanganj (Bihar). He published 12 research and review papers in various National and International journal.

He did his B.Pharm Project on the topic "Evaluation of the effect of the ethanolic extract of Enhydra fluctuans on formalin induced paw inflammation and analgesic activity in male wistar rats". He attended 2 international conference and presented a scientific poster "Bioavailability Enhancing Agent of Natural Origin Which Modulate Drug Membrane Permeation and Pre-metabolism" in the APP 13th INDO-MALAYSIAN Conference held on CPS Puri. His area of interests are Clinical Trials and Research Methodologies, Cardiovascular Pharmacology, Analgesic & Anti-inflammatory Drug Screening.

Apoorva Kumari

Apoorva kumari is a Lecturer in the Department of Pharmaceutical Sciences at Jharkhand Rai University. Apoorva earned her bachelor's in pharmacy from Hi-tech College of Pharmacy, Bhubaneswar. Apoorva had also attended various National and International conference and Seminars. Experience: educator with an industry and academic experience of 7 years driven to inspire students to pursue academic and personal excellence. Consistently strive to create a challenging and engaging learning environment in which students become lifelong scholar and learners.

Apurwa Bhardwaj

Apurwa Bhardwaj is a Lecturer in the Department of Pharmaceutical Sciences at Jharkhand Rai University. Ms. Bhardwaj earned her bachelor's and Diploma of Pharmacy degree from CSVTU (CEC) SCHOOL OF PHARMACY. She has pursued her internship like NSDC role of medical sales representative conforming to National Skill Qualifications Framework Level-4. Topic of her project work was treatment of cancer and its preventions. Completed internship in UNITY HOSPITAL for training. She attended and acquired knowledge regarding few pharmaceutical conferences and seminars. Her area of interest are clinical trials and hospital pharmacy.

Rashmi Kumari

I am an Assistant Professor in the Department of Pharmaceutical Sciences at Jharkhand Rai University. I have completed Master degree in Pharmacy Practice from Amrita Vishwa Vidyapeetham, Kerala and bachelor in pharmacy from Rajiv Gandhi University of Health Sciences Karnataka. I was awarded Gold Medal for having secured First Rank in the Examinations conducted at the Kochi Campus level for Master of Pharmacy program in Pharmacy Practice during 2016-2018. I have completed my master's degree project on "Assessment of aromatase inhibitors-induced bone loss and appropriateness of supportive therapy in postmenopausal breast cancer patients at an Indian tertiary care

center". I have one research paper and one case report publications in scopus listed journals and one review is in the queue. I have attended several national and international seminars. I also have more than 4 years of teaching experience at Om Sadashiva College of Pharmacy. Mine area of interest is in Clinical Pharmacy, Research works, social works etc.

Abhay Kumar Upadhyay



Abhay Kumar Upadhyay is an Assistant Professor in the Faculty of Pharmacy at Jharkhand Rai University. Mr. Abhay earned his Bachelor in Pharmacy from Gupta College of Technological Sciences Asansol, and Master in Pharmacology from Birla Institute of Technology, Mesra, Ranchi. He completed his B. Pharm project work on "Banned Drugs" and M. Pharm project work on "Wound Healing properties of Grewia asiatica and sericin extract on mice model" under the guidance of Dr. Ashok Kumar Pattnaik. Apart from the project work, one of his review article is also published on Safety Profile of Molnupiravir with Significant Effect on COVID-19, He has also having experience of 1.5 years in Mankind Pharma.

Pranjal Kumar



Mr. Pranjal Kumar is Lecturer cum Lab Assistant in the Department of Pharmaceutical Sciences, Jharkhand Rai University. He has earned his bachelor's degree in pharmacy from Centurion University, Odisha. Mr. Kumar has done his project work on 'Comparative Study of Different Marketed Formulation of Antibiotic Drug' and has also done hospital training from BBMC & H (DHH) Hospital, Balangir. His area of expertise is in QA & QC in B2B platform in Healthcare Industry.

Ranit Kanjilal



Ranit Kanjilal is an Assistant Professor in the Department of the Pharmaceutical Science at Jharkhand Rai University. Mr. Kanjilal has completed his M. Pharm and B. Pharm from Guru Nanak Institute of Pharmaceutical Science and Technology, Kolkata (MAKAUT). During his M. Pharm, he worked on the project titled "Synthesis and Characterization of Zinc Stearate Nanoparticles". He also worked as a Pharmacist in MyJoy Pharmaceutical Pvt Ltd (a unit of Sastasundar.com recently known as Flipkart Health Plus). He presented articles in seminars and conferences during his M. Pharm. His research interest is novel drug delivery systems, and nano formulations.

Sudipta Modak



Sudipta Modak is an Assistant Professor in the Department of Pharmaceutical Sciences at Jharkhand Rai University. Sudipta Modak earned his master's degree in Pharmaceutical Chemistry from Birla Institute of Technology Mesra, Ranchi and bachelor's in pharmacy from NSHM Knowledge campus, Kolkata, West Bengal. Sudipta Modak also completed his bachelor's in chemistry from ABN Seal College, Coochbehar, West Bengal. He has also experience of 6 months internship in Dr. Reddys laboratories (CTO-6 Unit) in Vizag. Sudipta Modak has completed his master's degree project on "Imidazoles as possible antimicrobial agent" under the guidance of Dr. Swastika Ganguly. Sudipta Modak also worked on assessment of Nitrosmine impurities present in Degibatran Etexilate Mesylate and Valsartan in Dr Reddys CTO-6 Unit.

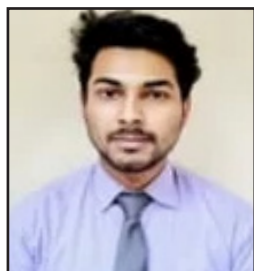
Wriila Chakraborty



Wriila Chakraborty is an Assistant Professor in the Pharmacy Department at Jharkhand Rai University. Wriila Chakraborty earned her Bachelor in Pharmacy (B. Pharm) from JIS University, Kolkata followed by her Master's in Pharmacy (M. Pharm) in Pharmacognosy from Birla Institute of Technology, Mesra (BIT Mesra). The topic of her master's research work was "Studies of the Effect of Conversion of Talisadi Churna into Solid Dosage Forms, on it's Phytoconstituents". She is also having industrial training experience in three different Pharmaceutical Industries Gluconate Health Limited, Nuak Laboratories Pvt. Ltd. She has also attended national various seminars based on pharmaceutical work.

Subhamay Kumbhakar

Subhamay Kumbhakar is an assistant professor in the department of Pharmaceutical sciences at Jharkhand Rai University. He has completed his M.Pharm in the specialization of Pharmacology from "Kanak Manjari Institute of Pharmaceutical sciences" (KMIPSc), Rourkela, Odisha. Mr. Kumbhakar also earned his B.Pharm from the same institute i.e. KMIPSc Odisha. He has clinical experience as a Pharmacist from Dhanbad's Super specialty hospital "Asarfi hospital ltd". He has also took Pharmacology classes of B.Sc. Nursing students at "Dhanbad school of Nursing". He did his M.Pharm Project with title "Modulation of tumor propagation & mutagenicity by ginger extract and ginger oil in laboratory animals". Mr. Kumbhakar is having total experience of 3 years in Clinical & Academics in the field of pharmacy.

Anirban Saha

Anirban Saha is presently designated as an Assistant Professor in the Faculty of Pharmaceutical Sciences at Jharkhand Rai University, Ranchi. Mr. Anirban received his Bachelor degree from Himalayan Pharmacy Institute and also completed his Masters in Pharmacognosy from the Himalayan Pharmacy Institute, Sikkim. The topic of his post-graduation dissertation was, "In-vitro mosquitocidal and larvicidal assay of tagetes erecta petals extract". He has done his industrial training from Caplet India Private Limited, West Bengal. He has also done his hospital training from Tufanganj SD Hospital, West Bengal. He has participated and attended in various seminar, webinar, national and international conferences.

Kritka Modak

Kritka Modak is working as an Assistant Professor in the Department of Pharmaceutical Sciences at Jharkhand Rai University. She has earned her Bachelor of Pharmacy from Maulana Abul Kalam Azad University of Technology. She has earned her Master of Pharmacy in Pharmaceutics from Bengal College of Pharmaceutical Sciences and Research under West Bengal University of Technology. On the topic "Formulation and Characterization of Ethyl Cellulose based Transdermal patches of Atenolol for improved in-vitro skin" she has made her master research dissertation. She has published her review article on "In silico, identification and validation of anti-cancer activity of Flavonoids". Apart from this, she has also attended various National and International

Seminars. She has rich experience in manufacturing industry specially in Quality Assurance Department.

Soham Koley

Soham Koley is an Assistant Professor in the Department of the Pharmaceutical Science at Jharkhand Rai University. Mr. Soham Koley has completed his D. Pharm from Institute of Pharmacy Bankura (IPB). Mr. Soham Koley has completed his B. Pharm from Gurunanak Institute of Pharmaceutical Science and Technology, Kolkata (MAKAUT) and M.Pharm from Guru Nanak Institute of Pharmaceutical Science and Technology, Kolkata (MAKAUT). During his M. Pharm, he worked on the project titled "Development a Method Validation Of tenoxicam By HPTLC". He is also having industrial training experience in two different Pharmaceutical Industries Cipla and Caplet. He has also attended national and international seminars. His research interest is novel drug delivery systems, nano formulations, and Cancer Therapy.

Anurag Das

Anurag Das is an Assistant Professor in the Department of the Pharmaceutical Science at Jharkhand Rai University. Mr. Anurag has completed his B. Pharm and M. Pharm on Pharmaceutical Quality Assurance from Guru Nanak Institute of Pharmaceutical Science and Technology, Kolkata (MAKAUT). During his M. Pharm, he worked on the project titled "Development of a method for qualitative and quantitative analysis of paclitaxel by HPTLC" under "Dr. Debabrata Ghosh Dastidar". He also worked as a Pharmacovigilance officer in Wipro. He has also done his industrial training from Gena Pharmaceutical LTD. He presented and attended different seminars and conferences including national and international during his M. Pharm. His research interest lies in anticancer drug, and analytical method development.

analytical method development.

Sunetra Maity

Sunetra Maity is an Assistant Professor in the Department of the Pharmaceutical Science at Jharkhand Rai University. Mr. Sunetra Maity has completed his B. Pharm from Gupta College of Technological Sciences, Asansol (MAKAUT) and M.Pharm from Guru Nanak Institute of Pharmaceutical Science and Technology, Kolkata (MAKAUT). During his M. Pharm, he worked on the project titled "Synthesis and Characterization of Calcium Stearate Nanoparticles for Cancer Therapy". He is also having industrial training experience in two different Pharmaceutical Industries Gluconate Health Limited and La-Chemico Private Limited. He has also attended national and international seminars. His research interest is novel drug delivery systems, nano formulations, and Cancer Therapy.

Anjali Bipin Mishra

Anjali is an Assistant professor in the faculty of Pharmaceutical Sciences at Jharkhand Rai University. Ms. Anjali has earned her Bachelor in Pharmacy from SNTD University, Mumbai and Masters in Pharmacy degree from AKTU, Lucknow. The Topic of her M. Pharm was "Fabrication and Evaluation of mucoadhesive microspheres in Nasal drug delivery". She has qualified GPAT and has been a recipient of AICTE PG Scholarship. She has 02 international publications and has also attended various national and international conferences. Ms. Anjali has completed various vital courses from Coursera portal and has also attended various FDPs. She has completed her M.Pharm with distinction and honors', and was also a silver medalist in B.Pharm. Ms. Anjali has previously worked as an assistant professor with NIET (Pharmacy Institute), Greater Noida, and Skyline Institute of Pharmacy, Greater Noida, and possess academic experience of 02 years.

Shubhrojit Bhattacharjee

Shubhrojit Bhattacharjee is an Assistant Professor in the Department of Pharmaceutical Sciences at Jharkhand Rai University, Ranchi. He has completed his B.Pharm from JIS University Kolkata, and M.Pharm in Regulatory Affairs from Guru Nanak Institute of Pharmaceutical Science and Technology, Kolkata. Mr. Shubhrojit has done His project on COMPARATIVE CASE STUDIES OF DIGITAL HEALTH REGULATORY REQUIREMENTS OF INDIA, CANADA AND EUROPEAN UNION COUNTRIES. He is having an industrial experience of working in Macleods Pharmaceutical Ltd. in Q.A department.

DEPARTMENT OF LAW

Dr. Khaleda Rehman



Khaleda Rehman is an Assistant Professor in the faculty of Legal Studies at Jharkhand Rai University. She has accomplished her Doctoral Programme on the topic "APPRAISAL OF INDIAN LABOUR LAWS AND ITS IMPACT ON INDUSTRIAL GROWTH DURING GLOBALIZATION". She is having more than four years of academic experience along with years of corporate experience. She has worked as Faculty of Commerce in St. Xavier's College and Asean Institute of Risk Management. She has more than twelve publication to her credit and has taken part in National and International conferences, workshops, seminars and Faculty development programs. Apart from academics she also has the expertise in legal field from her practicing experience as advocate in Delhi High Court and Supreme Court. She was associated with banks and corporate and had done advocated in various civil, financial and commercial disputes in court of law. She is seasoned professional and academician.

Dr. Smita Pandey



Dr. Pandey is currently associated with Jharkhand Rai University, Ranchi as Associate Professor (NET, PhD). She has completed 10 years in Academics with 6 years as Assistant Professor. She has done her PhD on "Effect of Acquisition of Generic drug producing companies on compulsory license" from Symbiosis International Deemed University. She was awarded Junior Research Fellowship by Symbiosis International University and was Assistant Professor at Symbiosis Law School, Pune. She has published chapters in books, articles in various national and international UGC Care Listed Journals (SCOPUS & WoS). She is also a member of the Editorial Review Board of "International Journal of Engineering Research & Management". She was part of

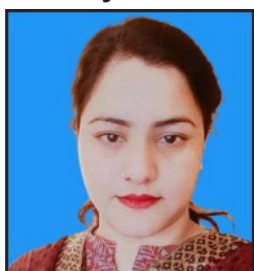
various projects related to Scheduled Tribes and environmental issues under the aegis of the university. She was also Evaluator and conductor of PhD Thesis viva at Sangam University, Bhilwara. She was co-editor of Chotanagpur Law Journal. She has taught Research Methodology, Cyber Laws, Information Technology Laws, Environmental Law and Laws related to Intellectual Property Rights, Contract Law, Insurance Law, Business Law at LL B and LL M level. She is a qualified Patent Agent and Trademark Agent. She has practiced as an Agent and IPR Attorney for two years in Law Firm at Patna.

Dr. Prashant Jaiwardhan



Dr. Prashant Jaiwardhan currently works as Assistant Professor. He has been awarded Ph.D from Jharkhand Rai University, Ranchi. He has earned three Masters Degrees in Journalism and Mass communication, Human Rights and Hindi Literature. He has worked in various reputed organization like Usha Martin Ltd. KGVK, All India Radio, Ranchi, Kashish News, Gossner College, Ranchi, Markham College of Commerce, Hazaribag and so on. He has attended various International and National seminars and presented his research papers from various research Journals. At present, he is the Group Editor of "UPUL" Research Journal (ISSN 2454-874X) from Ranchi. Apart from teaching he is actively associated with different Media Unions and Human Rights Associations.

Razia Syed



Razia Syed is an Assistant professor in the Faculty of Legal Studies at Jharkhand Rai University, Ranchi. She is pursuing her PhD from Raffles University, Neemrana (Rajasthan) on the topic of "Collection of Evidence in Cyber Crime". She has done her LLB from Guru Nanak Dev University, Amritsar and LLM from Maharaj Ganga Singh University, Bikaner, Rajasthan. She is having 4 years of teaching experience as Teaching Assistant (1 year in Baba Farid Law college, Faridkot, Punjab and 3 years in Chotanagpur Law College, Namkum, Ranchi). She has also 6 years' experience of practice as an advocate at District court Faridkot, Punjab. She was also chosen as an advocate of District legal service Authority, Faridkot to

provide Free Legal Aid Services. She was member of Free Legal Aid Cell and NSS Cell Chotanagpur Law college. She was also a Coordinator cum incharge of Moot Court Association in Chota Nagpur Law College, Ranchi. She has 4 publications as of now. She has also completed her two weeks Refresher course and 4-week Induction/ Orientation Programme. She has attended 11 Webinars and 3 Workshop so far. She has also attended International Virtual Mediation Summer School. She has taught Crpc, Insurance Law, Banking law and Interpretation of Statutes in Baba Farid Law College and Practical training, Intellectual Property Rights and Muslim Law in Chotanagpur Law College.

Sonu Kumar



Sonu Kumar is an Assistant Professor in the Faculty of Legal Studies at Jharkhand Rai University. He has done his BALLB from the University of Petroleum and Energy Studies (UPES), Dehradun and earned his Master's Degree (LLM) in Corporate Law from Central University of South Bihar (CUSB), Gaya. The topic of his Master's dissertation was "Protection of Homebuyers Interest under RERDA- A Critical Study. He has qualified UGC-NET and also pursuing his Company Secretary Professional Programme run by ICSI. He is having an experience of more than five years in the area of commercial law, Labour law and other civil side in the High Court of Delhi and Supreme Court. He has a teaching experience of one year as a teaching assignment in his master's program. He has attended and presented papers in various National Seminars, Symposium and workshops.

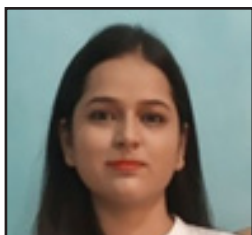
Shiksha Verma



Shiksha Verma has an impressive academic and professional background. Currently, she is serving as a Faculty Associate in the Department of Legal Studies at Jharkhand Rai University. Her educational journey began with a B.Com in HR from Central University Bilaspur, Chhattisgarh, which laid the foundation for her understanding of human resources within the legal context. Following this, she pursued LLB from Bilaspur University, a pivotal step towards her legal career. After completing her LLB, Shiksha Verma embarked on her journey as a legal professional by practicing as an advocate in the Chhattisgarh High Court since 2016. This experience provided her with practical insights into legal proceedings and advocacy. To further enhance her expertise, she pursued LLM in Corporate and Financial Law from OP Jindal

Global University. This specialized degree has deepened her understanding of corporate legal matters and financial regulations, making her an asset in both academic and professional spheres. Continuing her academic pursuits, Shiksha Verma is currently pursuing PhD from Sai Nath University. This demonstrates her commitment to scholarly research and staying updated with the latest developments in legal studies. With her diverse educational background and professional experience, Shiksha Verma brings a wealth of knowledge and practical insights to her role as a Faculty Associate, contributing significantly to the Faculty of law and the academic community as a whole at Jharkhand Rai University.

Ruchi Kumari



Miss Ruchi Kumari is an Assistant Professor in the Department of Legal Studies at Jharkhand Rai University. She has a teaching experience of One year. She has done her BALLB Hons from Law College Dehradun, Uttaranchal University and LLM from Ranchi University. Her area of specialization is Business Organization and Contract. Her topic of dissertation was 'Critical Analysis of Insider Trading laws in India'. She has attended and presented papers in various National Seminars. She has completed Faculty Induction Programme from Ramanujan College, Delhi with Grade A+.

Prerna

Prerna Tiwary is an Assistant professor in the faculty of department of legal studies at Jharkhand Rai University. Prof. Prerna Tiwary earned her BBA LL.B (H) from SIKSHA 'O' ANUSANDHAN UNIVERSITY, Bhubaneswar. She earned LLM (Corporate and Commercial law) from CHRIST UNIVERSITY, Bengaluru with first class. During the academic of BBA LL.B (H) she earned internship experience in Odisha human rights commission Bhubaneswar, Civil court Ranchi, NALCO Bhubaneswar, Odisha High court, Poddar & associates corporate advocates & law consultants Ranchi and Jharkhand high court. She participated interstate moot court competition (2nd runner-up) and national level moot court competition. She presented paper entitled trafficking in women and children in India: judicial response, methods and strategy of prevention by UGC sponsored National Seminar. She also presented on preamble in National Seminar on constitutional values and presented paper entitled Hunger as a social problem in the international conference on 2030 agenda for sustainable development: issues and challenges. During LLM (CCL) she presented paper "controlling money laundering- problems and perspective" which was published in white black legal. She also presented dissertation on a legal introspection of corporate governance and administrative regulation, as study with special reference to Indian finance companies.

DEPARTMENT OF PHYSIOTHERAPY

Dr. Ajit Kumar Gupta (PT)

Dr Ajit Kumar Gupta (PT) is an Assistant Professor in the Department of Physiotherapy. He pursued his master's degree from West Bengal University of Health Sciences and obtained 'Master of Physiotherapy in Orthopedics'. He is certified 'Upper and Lower Quarter on Clinical Neurodynamics' conducted by 'Neurodynamics Solutions', Australia. He is also 'Certified Orthopedic Manual Therapy' (COMT) by 'Capri Institute of Manual Therapy', Delhi held in Kolkata, India. He has updated his knowledge via online diploma courses like 'FIFA Diploma in Football Medicine' conducted by 'Federation International De Football Association' and 'Physiotherapy Management of Spinal Cord Injuries' conducted by 'International Spinal Cord Society'. His Professional background is with more than 11 years of experience as clinician and two years of lecturer in 'Nop any Institute of Healthcare Studies'. He worked in 'Nop any Physiotherapy Clinic' for two years as 'Assistant Physiotherapist'. he worked as Physiotherapist in IED support Service, a program of 'Sarvo Shiksha Mission' for 6 months; 'Woodlands Multispecialty Hospital Ltd.', Kolkata for 3 years. He also being the sport physiotherapy trainee – 'Volleyball Team, Kolkata Police.' He was also appointed as the official Physiotherapist at the 'ITF MEN, Futures Tennis Tournament,' 2010. His achievements are unending. He was awarded 'Best Poster Presentation' in 7th State Conference of 'The Indian Association of Physiotherapists'(IAP), West Bengal Branch (WB), 2009. He has received 'BPT Final year Topper' award from IAP, WB, 2010. His contribution to the field of Physiotherapy is appreciated at '1st, Corporate Conference' of IAP held in Indore, 2019 as 'Significant Contribution Award'. He has been elected as 'Executive Member' and serve from 2011 to 2020 and selected as 'Treasurer IAP, WB'. He also being the Treasurer for '59th IAP National Conference, 2022' held in Kolkata. He is highly experienced and skilled physiotherapist.

Dr. Pratyush Ghosh (PT)

Dr Pratyush Ghosh (PT) is a Musculoskeletal-physiotherapist and is presently serves as an Assistant Professor in Department of Physiotherapy at Jharkhand Rai University (JRU), Ranchi. Dr Ghosh completed his Bachelors in Physiotherapy from Peerless College of Physiotherapy and pursued his internships both from Peerless Hospital and B.K.Roy Research Center, Kolkata, West Bengal in 2020. He has sound experiences in ICCU, ITU, CTVS etc. He earned his Master of Physiotherapy with Musculoskeletal research as a specialization from Integral University, Lucknow, Uttar Pradesh in 2022. Dr Ghosh also worked as a Sport Physiotherapist in Kolkata Police Marathon, IDBI Marathon etc among many others. He is certified in Kinesiology taping techniques by The Indian Association of Physiotherapy (IAP) in 2020 & Sports injuries & on-field management by Bengal Progressive Students' Association of Physiotherapy (BPSAPT) in 2017.

Dr. Raunaque Ara (PT)

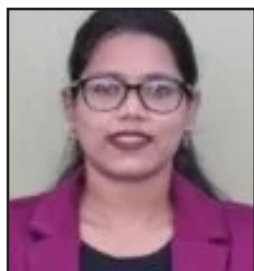
Dr Pratyush Ghosh (PT) is a Musculoskeletal-physiotherapist and is presently serves as an Assistant Professor in Department of Physiotherapy at Jharkhand Rai University (JRU), Ranchi. Dr Ghosh completed his Bachelors in Physiotherapy from Peerless College of Physiotherapy and pursued his internships both from Peerless Hospital and B.K.Roy Research Center, Kolkata, West Bengal in 2020. He has sound experiences in ICCU, ITU, CTVS etc. He earned his Master of Physiotherapy with Musculoskeletal research as a specialization from Integral University, Lucknow, Uttar Pradesh in 2022. Dr Ghosh also worked as a Sport Physiotherapist in Kolkata Police Marathon, IDBI Marathon etc among many others. He is certified in Kinesiology taping techniques by The Indian Association of Physiotherapy (IAP) in

2020 & Sports injuries & on-field management by Bengal Progressive Students' Association of Physiotherapy (BPSAPT) in 2017.

Dr. Ayush Anand (PT)

Dr. Ayush Anand (PT) is an Assistant Professor in the Department of Physiotherapy in Jharkhand Rai University, Ranchi. Dr. Anand earned his bachelor's degree from Galgotias University, Noida. There his thesis 'Effect of Prolonged Standing on Knee Joint Proprioception' was selected and published in International Journal of Research and Analytical Review. He has done his internship from Army Hospital Research and Referral, New Delhi. He completed his master's degree in neurology from Sharda University, Noida with the thesis submitted on the topic 'Prevalence of Dyspnoea after Stroke in Stroke patients'. During his master's he has also actively served and taken care of Covid-19 patients in the Covid-19 ward & ICU of Sharda Hospital. Apart from this he has also done his training from Medanta- The Medicity,

Gurgaon & Dharamshila Cancer Hospital, New Delhi in management of ICU patients. During his course of study, he has also been part of various workshops and medical camps.

Dr. Debasmita khuntia (PT)

Dr. Debasmita khuntia (PT) is an Assistant Professor in the Faculty of Physiotherapy at Jharkhand Rai University. Dr. khuntia has earned her Masters in ORTHOPAEDIC PHYSIOTHERAPY from Guru Nanak Dev university, Amritsar and BPT from Swami Vivekanand National Institute of Rehabilitation Training and Research, ODISHA. The topic of her dissertation was "Postural Hyperkyphosis and it's Management by Manual Therapy in young Adult Females" which has been reviewed for International Publication. She is a certified Dry Needling Therapist. Dr. khuntia has attended workshop on Non Invasive complete Respiratory Care and conducted free health camp on various places. Her interests are Reading journals, Playing musical instruments and different cultural activities.

Dr. Anshu Priya (PT)

Dr. Anshu Priya is an Assistant Professor in the Dept. of Physiotherapy at Jharkhand Rai University, Ranchi. She has done her bachelors from Vinoba Bhawe University, Hazaribagh. She pursued her internship from Bhagwan Mahavir Medica Superspeciality Hospital, Ranchi. Dr. Anshu earned her Masters degree in Physiotherapy in Neurological Disorders from Garden City University, Bangalore. The topic of the MPT dissertation was "Combined Effect of Constraint Induced Movement Therapy and Proprioceptive Neuromuscular Facilitation in upper limb fine motor skills in chronic stroke patients". Dr. Anshu is also certified in Matwork Pilates (lv 1, 2 and 3) from Australian Physiotherapy and Pilates Institute (APPI). She has worked as on field physiotherapist in Grand Prix Badminton League (GPBL) in Karnataka.

She has attended workshop on Neurodevelopmental Therapy (NDT). She has also worked in different NGO'S and took many cases as a challenge to improve the patient's quality of life.

Dr. Sunita Kumari Sahoo (PT)

Dr. Sunita Kumari Sahoo (PT) is an Associate Professor in the Department of Physiotherapy in Jharkhand Rai University. She is currently pursuing her Ph.D. in Physiotherapy from NIMS University Jaipur. She has obtained her Masters in physiotherapy (Neurology and Psychosomatic disorders) from Rajiv Gandhi University of health sciences, Bangalore, Karnataka in 2009. She has been completed her BPT from Rajiv Gandhi University of health sciences, Bangalore, Karnataka in 2006. She started working as a clinical physiotherapist with ASHWINI hospital Cuttack. She has also worked as senior physiotherapist in Apollo hospital Bhubaneswar for 3 years. She has worked as CONSULTANT in Swami Vivekanand National Institute of Rehabilitation Training and Research, ODISHA. She has also worked as

Assistant professor in Hi- Tech Medical College hospital, Bhubaneswar, Odisha. She is highly experienced and skilled physiotherapist.

Kautilya Gyan Kendra: A hub to promote Bharatiya Gyan Parampara at Jharkhand Rai University

The Kautilya Gyan Kendra has been established at Jharkhand Rai University as a significant initiative to preserve, promote, and integrate Bharat's vast intellectual heritage with modern scientific advancements. Bharat has a rich knowledge tradition across diverse fields such as Vedic sciences, Ayurveda, astronomy, architecture, and computational sciences, many of which continue to remain highly relevant. However, a substantial portion of this knowledge has remained underexplored within mainstream academia and industry.

The University recognizes that heritage is not meant only for preservation, but also for innovation. By meaningfully integrating ancient wisdom with modern knowledge systems, the Kendra facilitates creative approaches to addressing local as well as global challenges. The convergence of traditional and contemporary ideas has the potential to generate new opportunities and impactful outcomes.

With a structured and sustained commitment to integrating the Bhartiya Gyan Parampara into mainstream education, the Kautilya Gyan Kendra aims to benefit a wider academic and social community. By linking emerging processes, methods, and ideas with Bharat's rich ancient knowledge, the Centre enables the reimagining of existing practices and supports innovative solutions that were earlier considered beyond reach.

The Kendra actively works towards integrating, preserving, nurturing, and promoting Bharat's rich knowledge heritage. It also serves as a platform for sustained dialogue on the effective incorporation of this knowledge into teaching, research, innovation, and everyday practices.

In alignment with the vision of the National Education Policy (NEP) 2020, which emphasizes the revival of Bharat's intellectual traditions through a holistic and multidisciplinary approach, the Kautilya Gyan Kendra functions as a hub for research, curriculum development, entrepreneurship, and policy advocacy. The Centre brings traditional knowledge into greater academic focus and applies it to contemporary challenges in areas such as sustainability, healthcare, and technology.

Through these initiatives, the Kautilya Gyan Kendra contributes to the vision of Atmanirbhar Bharat and strengthens Bharat's global leadership in knowledge and innovation, while reinforcing Jharkhand Rai University's commitment to academic excellence and meaningful social impact.

कौटिल्य
ज्ञान केंद्र 

STUDENTS' PROFILES

Students Enrolled in Year 2024

Programme Name	No. of Student
Bachelor of Science (Hons) Agriculture	60
Master of Science (Ag.) Agronomy	4
B.Com (Hons.) in Taxation	8
Bachelor of Business Administration	55
Master of Business Administration	70
Bachelor of Technology in Computer Science Engineering	115
Bachelor of Computer Applications	114
Diploma in Computer Science Engineering	21
Master of Computer Applications	43
BMLT	38
Bachelor of Pharmacy	101
Diploma in Pharmacy	59
Bachelor in Physiotherapy	60
BA LLB	60
Bachelor of Law	59
Master of Law	14
Bachelor of Technology in Mining Engineering	156
Diploma in Mining Engineering	45
Grand Total	1082

Students Passed out in Year 2024

Programme Name	No. of Student
Bachelor of Science (Hons) Agriculture	22
Bachelor of Business Administration1	8
Bachelor of Business Administration in Logistics	4
Master of Business Administration	74
Bachelor of Computer Applications	39
Master of Computer Applications	53
Bachelor of Pharmacy	55
Diploma in Pharmacy	58
Bachelor of Law1	2
Diploma in Electrical Engineering	1
Diploma in Mechanical Engineering	1
Diploma in Mining Engineering	31
Bachelor of Technology in Mining Engineering	47
Master of Technology (Research) Mechanical Engineering	3
Grand Total	418

TOPPER'S LIST

Chancellor Medal Awardee



GYAN RANJAN
B.Tech Mining
(2022-2024)

Gold Medal Awardee



SHEETAL PRASAD
MCA
(2022-2024)



MEGHA MRIDULA
EKKA
MBA
(2022-2024)



GYAN RANJAN
B.Tech Mining
(2022-2024)

TOPPER'S LIST

GOLD MEDAL AWARDEE



PRINCE BARAIK
BCA
(2021-2024)



KHUSHI
B.Sc Agriculture
(2020-2024)



SHUBHAM SINGH
BBA
(2021-2024)



DEBANSHU ROY
B.Pharm
(2020-2024)



ASHISH CHOPRA
LLB
(2021-2024)



RAJESH PANDIT
D.Pharm
(2022-2024)



MD SAIF RAZA
Diploma Mining Engg.
(2021-2024)

Events @ Jharkhand Rai University

5th CONVOCATION CEREMONY AT JRU, RANCHI

“Convocation ceremony is not an educational milestone. Rather it is a turning point and a start of a new chapter in the lives of students. This day celebrates the hard work, struggle and commitment of students,” said His Excellency Governor Shri Santosh Gangwar on Friday 28 February, 2025 while addressing the students during the 5th Convocation Ceremony at Jharkhand Rai University, Ranchi. 5th Convocation Ceremony Jharkhand Rai University

His Excellency, Shri. Santosh Gangwar, Hon'ble Governor of Jharkhand & Visitor, Jharkhand Rai University was the Chief Guest & presided over the Convocation.

Commending the activities of the University, the Governor said that Jharkhand Rai

University is playing an active role in developing India. Students studying here are not only given education, but are trained to be innovators. They are being prepared for 'self-reliant India'. “It is a historic moment for students who have worked relentlessly. I congratulate the professors who mentored these students in the right direction,” said the Governor. Shri. Arjun Munda Ji, Former Minister & Member of Parliament, Govt. of India said that the convocation provides enthusiasm and energy to the students to march forward towards their future.

The minister added that the positive impact of the National Education Policy 2020 initiated by Prime Minister Narendra Modi is gradually unfolding. “India will emerge under this education policy. I am happy that India is moving forward on the strength of students like you. In the coming days, Jharkhand will be known for universities like Jharkhand Rai University, where the seeds of India's future is being planted,” he said. The program was attended by esteemed special guests, including Dr. Epsy Campbell, former Vice President of Costa Rica, and Ms. Euphrasie Kouassi Yao, former Minister of Ivory Coast and UNESCO Chair holder. While addressing the students, Dr. Harbin Arora Rai, Chancellor of Jharkhand Rai University, said that everyone is connected with women power. The maternity power of every human being is female power. Discussing 5 sources of Shakti, she said that the first power is Shruti or Richa, which we call knowledge and university is the center of knowledge. The second power is the power of Shri, that is, the power of God. This is also female power. The third power is the power of valor. The fourth power is the power of decoration and the fifth power of labor.



Events @ Jharkhand Rai University

5th CONVOCATION CEREMONY AT JRU, RANCHI



Referring to the achievements of the university, Vice Chancellor of Jharkhand Rai University, Prof. (Dr.) Savita Sengar said that the university plays an important role in giving direction to any nation. If the universities are alive and resonant, then our nation and civilization will also be alive.

Jharkhand Rai University believes that the real purpose of education is to build a skilled citizen for better society and nation, the VC said. The convocation ceremony witnessed

the presence of eminent international and national delegates from G100- Group of Global Women Leaders.

During the ceremony, three G100 Global Chairs H.E. Dr. Epsy Campbell Barr, H.E. Ms Euphrasie Kouassi Yao and Ms. Sulajja Firodia Motwani were awarded Honorary Doctorate, Honoris Causa for their excellence in respective fields.

Dr. Epsy Campbell in her acceptance remarks congratulated the graduates and said that I'm here because of "my journey of people who believe in possibilities to build together a better world between us women – men equal rights We need to build a new world, working without borders, by being a global tribe". She thanked Dr Arora for the incredible movement in the form of G100.

Ms. Euphrasie Kouassi Yao in her acceptance speech appreciated the efforts made by Jharkhand Rai University towards ensuring quality education for all in the state.

Sulajja Firodia Motwani, Vice-chairperson, Kinetic Engineering Limited in her acceptance remarks said that her passion is to work towards green energy and create a better world for the future generations.

The grand academic procession of the Convocation was led by Dr Piyush Ranjan, Registrar, Jharkhand Rai University. Dr Ranjan congratulated the students for turning a new chapter in their lives.

A total of 393 students were awarded degrees at the ceremony. His Excellency Governor Shri Santosh Gangwar conferred the gold medal to 10 students while the Chancellor medal was given to 1.

One hundred twenty two postgraduate students, 184 graduate students, 87 students of diploma courses were awarded degrees and certificates. Apart from this, 23 research students were awarded PhD and three M.Tech students got their research degrees.

International Conference on “Integrations of Traditional Medicine on Modern Healthcare System

The Department of Pharmaceutical Sciences at Jharkhand Rai University (JRU), Ranchi, organised an international conference on 2nd and 3rd March 2025, centred on the theme “Integration of Traditional Medicine into the Modern Healthcare System.”

The conference provided a platform for academicians, researchers, and students to explore the significance of traditional medicine and its role in modern healthcare frameworks. Distinguished speakers from national and international institutions delivered insightful sessions on diverse topics, including the role of natural products in drug discovery, traditional remedies for antimicrobial resistance, and the antiviral properties of medicinal plants.

The two-day program included four technical sessions, a cultural evening, and parallel tracks for poster and oral presentations in various categories such as pharmaceuticals, pharmacology, phytopharmaceuticals, and human nutrition. The conference successfully engaged over 340 participants from 11 different states across India and received over 140 scientific presentations. The event concluded with a valedictory session and award distribution, recognizing outstanding student contributions. Overall, the conference fostered an enriching academic environment and encouraged collaborative discussions on the convergence of traditional and modern healthcare systems.



Pharma Anveshan- 2024

Pharma Anveshan Celebration 2024 on the theme "Leveraging Synergism on Industry-Academia Partnership for Implementation of National Education Policy" is to foster collaboration between pharmaceutical industry leaders and academic institutions. This synergy aims to align educational frameworks with industry needs, ensuring that the National Education Policy's goals of skill development, innovation, and research excellence are effectively met. The event will provide a platform for sharing insights, establishing partnerships, and creating a roadmap for integrating academic curriculum with industry requirements, ultimately enhancing the quality and relevance of pharmaceutical education in India.

Guest Speaker: Mr. Priyabrata Boi Target

Audience: 300

No. of Participants: 220

Event Description:

Pharma Anveshan 2024, themed "Leveraging Synergism: Industry-Academia Partnership for National Education Policy Implementation," is a premier celebration dedicated to fostering collaboration between the pharmaceutical industry and academic institutions. This event aims to align educational frameworks with industry needs, promoting innovation, research, and skill development. By bridging the gap between academia and industry, Pharma Anveshan 2024 seeks to enhance the



implementation of the National Education Policy, ensuring a workforce equipped with relevant expertise and practical experience. Attendees will engage in insightful discussions, workshops, and networking opportunities, driving forward the future of pharmaceutical education and industry collaboration in India.



International Conference on Recent Advances in Artificial Intelligence for Sustainable Development (RAISD 2025)

The Faculty of CSE and IT successfully organized the International Conference on Recent Advances in Artificial Intelligence for Sustainable Development (RAISD 2025) on during 7–8 March 2025 at Jharkhand Rai University, situated at Raja Ulatu, Namkum, Ranchi, Jharkhand – 834010, India. Conducted in hybrid mode, this conference brought together a global community of researchers, academicians, professionals, and practitioners committed to advancing sustainable development through the transformative power of Artificial Intelligence (AI). The academic program featured keynote speeches, expert panels, and technical sessions covering a diverse range of themes, including intelligent computing and cybersecurity, smart technologies in agriculture, AI applications in healthcare and bioinformatics, AI-driven innovations in management and entrepreneurship, integration of Indian Knowledge Systems with AI, and the development of ethical and responsible AI practices for a sustainable future. Each submission to the conference underwent a rigorous double-blind peer-review process, ensuring the selection of high- quality and original research contributions. Out of a



large number of submissions, 55 full-length papers were published in the Advances in Intelligent Systems Research series published by Atlantis Press, a part of Springer Nature as Conference Proceedings. The two full papers were published by the peer reviewed International Journal of Science and Engineering Applications. The remaining 37 papers were accepted for placing in the e-Book of Abstracts entitled Insights and Innovations with ISBN Number.

The inaugural session was graced by Prof. (Dr.) Goutam Shutrathar, Director of National Institute of Technology (NIT), Jamshedpur, India, as Chief Guest. Dr. Arpan Haldar, Associate Professor, All India Institute of Medical Sciences (AIIMS) Deoghar, India attended the program as Guest of Honour. The conference fostered an intellectually vibrant environment, with active participation from delegates representing premier academic institutions and research organizations worldwide. The program not only showcased innovative work but also encouraged collaboration across disciplines and sectors.

INDUSTRY VISITS

Sl. No.	Type of Event	Title of Event	Name of Department	Date	Organized by
1	Hospital Visit	St. Anne's Hospital & Research Centre	Department of Pharmaceutical Sciences	10/05/2025	Department of Pharmaceutical Sciences, Jharkhand Rai University
2	Hospital Visit	St. Anne's Hospital & Research Centre	Department of Pharmaceutical Sciences	10/05/2025	Department of Pharmaceutical Sciences, Jharkhand Rai University
3	Industrial Visit	SRS Plastic LTD & Megaspac Infrastructure Pvt. Ltd.	Department of Management	31/08/2024	Prof. Rashmi
4	Industrial Visit	HEC Ltd.	Department of Management	26/10/2024	Prof. Manoshi Roy & Prof. Ankita Kumari
5	Industrial Visit	Industrial Visit to Medha Dairy, Khelgaon Ranchi	Department of Commerce & Management	19.3.2025	Neeraj poddar & Dr. Neha chandra
6	Industrial Visit	Industrial Visit to Jindal Steel and Power Limited, Patratu	Department of Commerce & Management	19.4.2025	Rashmi Raj & Vikrant Ravi
7	Industrial Visit	Industrial Visit to Shri Rampower and Steel Limited, Ramgarh	Department of Commerce & Management	10.5.2025	Ankita Kumari & Vikrant Kumar Ravi
8	Industrial Visit	Industrial Visit : CMPDI Earth Science Museum , Ranchi	Faculty of Computer Science Engineering and Information Technology	25.10.2024	Faculty of CSE & IT
9	Industrial Visit	Industrial Visit to CodeZeal Technology Pvt. Ltd. , MIMECT IT Park, Ranchi	Faculty of Computer Science Engineering and Information Technology	23.11.2024	Faculty of CSE & IT
10	Industrial Visit	Industrial Visit to Software Technology Park of India , Ranchi	Faculty of Computer Science Engineering and Information Technology	25.11.2024	Faculty of CSE & IT
11	Industrial Visit	Industrial Visit to Software Technology Park of India , Ranchi	Faculty of Computer Science Engineering and Information Technology	03.12.2024	Faculty of CSE & IT
12	Industrial Visit	Adityapur Auto Cluster , Jamshedpur	Faculty of Computer Science Engineering and Information Technology	14.12.2024	Faculty of CSE & IT

Sl. No.	Type of Event	Title of Event	Name of Department	Date	Organized by
13	"Industrial Visit"	Industrial visit : Jharkhand Government Tool Room , Ranchi	Faculty of Computer Science Engineering and Information Technology	21.03.2025	Faculty of CSE & IT
14	Industrial Visit	Industrial Visit Co-dezeal Technology, Brightcode Software Services Private LTD. Ranchi , Jharkhand	Faculty of Computer Science Engineering and Information Technology	07.04.2025	Faculty of CSE & IT
15	Industrial Visit	Industrial Visit : MIMEC Electronics Private LTD. Ranchi , Jharkhand	Faculty of Computer Science Engineering and Information Technology	14.05.2025	Faculty of CSE & IT
16	Industrial Visit	Industrial Visit :Co-dezeal Technology, Brightcode Software Services Private LTD. Ranchi , Jharkhand	Faculty of Computer Science Engineering and Information Technology	14.05.2025	Faculty of CSE & IT
17	Industrial Visit	Industrial visit : Jharkhand Government Tool Room , Ranchi	Faculty of Computer Science Engineering and Information Technology	15.05.2025	Faculty of CSE & IT
18	Lab. Visit	TUBERCULOSIS LAB., ITKI, RANCHI	Department of Paramedical Sciences	12.04.2025	Department of Paramedical Sciences
19	Industrial Visit	Jharkhand Mining Show	Department of Mining Engineering	9/21/2024	Mining Engineering
20	Industrial Visit	EARTH SCIENCE MUSEUM, CMPDIL, RANCHI	Department of Mining Engineering	10/17/2024	Mining Engineering
21	Industrial Visit	EARTH SCIENCE MUSEUM, CMPDIL, RANCHI	Department of Mining Engineering	10/24/2024	Mining Engineering
22	Industrial Visit	Heavy Engineering Corporation, Ranchi (HEC)	Department of Mining Engineering	12/24/2024	Mining Engineering
23	Industrial Visit	MSME TOOL ROOM	Department of Mining Engineering	10/23/2024	Mining Engineering
24	Industrial Visit	Central Institute of Petrochemicals Engineering and Technology (CIPET), Ranchi	Department of Mining Engineering	3/6/2025	Mining Engineering
25	Industrial Visit	Heavy Engineering Corporation, Ranchi (HEC)	Department of Mining Engineering	5/14/2025	Mining Engineering
26	Industrial Visit	Earth Science Museum, CMPDIL, Ranchi	Department of Mining Engineering	"24/04/2025"	Mining Engineering

Sl. No.	Type of Event	Title of Event	Name of Department	Date	Organized by
27	Exposure Visit	Tree Identification Techniques in Forestry	Department of Agriculture	19.12.2024	Dr. Neeta S. Kerketta
28	Exposure visit	World Food Day	Department of Agriculture	16.10.2024	Ms. Bhavna Sinha & Ms. Auindrila Biswas
29	Exposure Visit	Women in Agricultural Day	Department of Agriculture	04.12.2024	Mrs. Poonam Singh & Dr. Neeta S Kerketta
30	Exposure visit	Visit to a commercial bank	Department of Agriculture	04.12.2024	Ms. Auindrila Biswas
31	Exposure Visit	Agricultural Education Day	Department of Agriculture	03.12.2024	"Ms. Khushboo Kumari & Dr. Neeta S Kerketta"
32	Exposure visit	Visit to Birsa Agricultural University, Ranchi	Department of Agriculture	10.05.2025	Dr. Neha Grace Angel Kisku
33	Exposure Visit	Visit to All India Coordinated Crop Improvement Project on Millets and Maize, B.A.U.	Department of Agriculture	10.05.2025	Mrs. Poonam Singh
34	Exposure visit	Visit to ICAR-RCER, Palandu, Ranchi	Department of Agriculture	09.05.2025	Dr. Neha Grace Angel Kisku
35	Exposure Visit	An exposure visit to Central Tasar Research and Training Institute (CTRTI) of Central Silk Board (CSB) in Ranchi, Jharkhand	Department of Agriculture	28.04.2025	Dr. Neeta Sweta Kerketta & Mr. Sourav Sen
36	Exposure visit	Visit to Seed Processing Unit, Divyayan Krishi Vigyan Kendra, Ranchi	Department of Agriculture	23.04.2025	Mrs. Poonam Singh
37	Exposure visit	Visit to Seed Processing Unit, Divyayan Krishi Vigyan Kendra, Ranchi	Department of Agriculture	23.04.2025	Mrs. Poonam Singh
38	Exposure Visit	Visit to Raja Ulatu Village, Ranchi	Department of Agriculture	10.04.2025	Ms. Khushboo Kumari and Ms. Rahul Kumar
39	Exposure Visit	Visit to the SAMETI (State Agricultural Management and Extension Training Institute)	Department of Agriculture	09.04.2025	Ms. Alka Kumari
40	Exposure visit	Visit to Raj Bhavan, Ranchi	Department of Agriculture	11.02.2025	Dr. Neha Grace Angel Kisku
41	Exposure visit	Visit to Raj Bhavan, Ranchi	Department of Agriculture	11.02.2025	Dr. Neeta Sweta Kerketta
42	Exposure visit	Visit to Agrotech Kisan Mela, Birsa Agricultural University, Ranchi	Department of Agriculture	10.02.2025	Mrs. Poonam Singh
43	Exposure visit	Visit to Agrotech Kisan Mela, Birsa Agricultural University, Ranchi	Department of Agriculture	10.02.2025	Ms. Auindrila Biswas
44	Industrial visit	Jail Visit	Department of Legal Studies	15.02.2025	Department of Legal Studies
45	Industrial visit	Jail Visit	Department of Legal Studies	22.02.2025	Department of Legal Studies

INDUSTRY VISITS



Visit to All India Coordinated
Crop Improvement Project on
Millets and Maize, B.A.U.

Dated :10.05.2025

Visit to Birsa Agricultural
University, Ranchi

Dated :: 11.05.2025



Visit to ICAR-RCER,
Palandu, Ranchi

Dated : 09.05.2025

INDUSTRY VISITS



Visit to Central Tasar Research and Training Institute (CTRTI) of Central Silk Board (CSB) in Ranchi, Jharkhand

Dated :28.04.2025

Visit to Seed Processing Unit, Divyayan Krishi Vigyan Kendra, Ranchi

Dated :23.04.2025



Visit To SAMETI (State Agricultural Management and Extension Training Institute)

Dated :09.04.2025

INDUSTRY VISITS



Visit to Agrotech Kisan Mela, Birsa Agricultural University, Ranchi

Dated : 11.02.2025

Visit to Medha Dairy Plant, Khelgoan, Ranchi

Dated :19.03.2025



Visit to Jindal Steel and Power Limited, Patratu

Dated :19.04.2025

INDUSTRY VISITS



Visit to Shri Ram
Power and Steel
Ltd. : A member of
esteemed Rungta
Group

Dated :10.05.2025



PHYTOCHEM HEALTHCARE, HIMACHAL PRADESH

VISIT TO ZYDUS CADILA,
HEALTHCARE,
HIMACHAL PRADESH



INDUSTRY VISITS



Visit to MIMEC Elec-
tronic Pvt. Ltd.,
Ranchi, Jharkhand

Dated :14.05.2025



Visit to Codezeal Technology & Brightcode Software Services Pvt. Ltd

Dated :14.05.2025

INDUSTRY VISITS



Visit to Jharkhand
Government Tool
Room, Ranchi

Dated :10.05.2025



Visit to Jail

Dated :22.02.2025

INDUSTRY VISITS



Visit to CMPDI

Dated :17.10.2024



WORKSHOP

Sl. No.	Type of Event	Title of Event	Name of Department	Date	Resource Person with Designation	Organized by
1	Workshop	Awareness Workshop on Women Safety	Department of Management & NSS CELL	9/9/2024	Across the University(all departments)	Prof. Manoshi Roy
2	Workshop	Must have Tools for Thriving in Digital Marketing	Department of Management	18/10/2024	Students of Department of Management	Dr. Abhishek Pratap
3	Workshop	Managing Career Success: Resume Building, GD & Interview Skills	Department of Management & CMC	26/11/2024	Mr. Praveen Sharma & Mr. Amit Eklavaya, Founder A-Squared	Prof. Rashmi
4	Workshop	An Awareness campaign for eliminating gender based violence for women in the workplace.	Department of Management & Gender Club	12/4/2024	Across the University(all departments)	Prof. Manoshi Roy
5	Workshop	Excel Mastery: Unlocking the power of Spreadsheets	Department of Management	14/12/2024	Students of BBA V & MBA III	Durga Ghosh
6	Workshop	Fundamentals of Facility Maintenance	IQAC & Department of Management	1/6/2025	Group D Staff members of JRU	Dr. Harmeet Kaur
7	Workshop	Workshop on Building Fundable Startups: Strategies to Futures	Faculty of Computer Science Engineering and Information Technology	29.08.2024	Abhishek Dagar, CEO (Zuravers)	Faculty of CSE & IT
8	2 Days Workshop	Day (1) : Hands on Workshop IOT and its Application	Faculty of Computer Science Engineering and Information Technology	30.09.2024 & 01.10.2024	"Ankit Kumar ,Rahul Sharma, CEO(UGCPL), Senior Tainer Ardent Computech , Kolkata Debtanu Mondal ,Rahul Sharma, IOT Product Professional , Senior Tainer Ardent Computech , Kolkata"	Faculty of CSE & IT
9	Workshop	Resume Building and Career Counselling	Faculty of Computer Science Engineering and Information Technology	05.12.2024	Mr. Dhananjay Kumar, Mr. Rajesh Mishra(Corporate Trainer, Ex- JAP-IT) , (Corporate Trainer, Ex-NIIT)	Faculty of CSE & IT
10	Workshop	Unlocking the Basics : A Foundational Workshop on Computer Hardware	Faculty of Computer Science Engineering and Information Technology	12.12.2024	"Professor Chandray Soren Asst. Professor (Jharkhand Rai University), Ranchi"	Faculty of CSE & IT

WORKSHOP

11	Workshop	ChatGPT : Master Class to Boost Your Productivity	Faculty of Computer Science Engineering and Information Technology	15.05.2025	Dr. Shweta (Founder & Director , High Jump Edutech) ,An AI Based Education Start up	Faculty of CSE & IT
12	Workshop	Advancements of Drone Technology : Trends , Challenges & Future	Faculty of Computer Science Engineering and Information Technology	16.05.2025	"Abhijeet Kumar (Secretary Purnachand Foundation), Abhinav (Technical Head) L & T Chennai"	Faculty of CSE & IT
13	Workshop	Workshop on "Resume Building"	Department of Mining Engineering	11/28/2024	"Mr. Ankit karwasra Management Trainee"	Mining Engineering
14	Workshop	Workshop on "Innovative Business Models in Mining: From Idea to Impact"	Department of Mining Engineering	11/28/2024	Mr. Mahendra Shukla,Alumnus of the Department of Mining Engineering, IIT Kharagpur.	Mining Engineering
15	Workshop	Innovation in Mining: Toward smart and Sustainable Future	Department of Mining Engineering	17-21st Feb, 2025	"1. Shri V Chandrashekar, GM, IREL, India 2. Dr. Amritesh Senapati, Asst Professor, NIT Surathkal, India 3. Dr. J Srivatsaan, Research Scientist, University of South Dakota, USA 4. Dr. Aditya Pandey, Asst Professor, BIT Sindri, India 5. Prof. B K Prusty, Professor, IIT Kharagpur, India 6. Dr. Debashish Mishra, Sr. Scientist, CIMFR, Dhanbad, India "	Mining Engineering
16	Workshop	FIRST AID CERTIFICATION CLASSES with Khurana Education and Welfare Society	Department of Mining Engineering	13/5/2025-14/5/2025	Khurana Education and Welfare Society	Mining Engineering
17	Workshop	Workshop on advanced Manufacturing using CAD / CAM software	Department of Mining Engineering	21/4/2025-26/4/2025	In association with CI-PET , RANCHI	Mining Engineering
18	Workshop	Workshop on "From Idea to Impact- Advancing innovations through process development and design strategies"	Department of Agriculture	21.05.2025	N.A.	Dr. Neeta Sweta Kerketta

WORKSHOP

19	Workshop	Workshop on Copyrightable Digital Poster Making for Entrepreneurship	Department of Legal Studies	24.08.2024	Mr. Suraj Kumar	Associate Analyst (Technical) Globallogic, Hitachi Group, Gurgaon, Haryana
20	Workshop	Three days' Workshop on Importance of IPR for Startups	Department of Legal Studies	26.08.2024-28.08.2024	1. Ms. Rimjhim Mathur 2. Mr. Shubham Kumar	1. Ms. Rimjhim Mathur, IP Attorney, Rajasthan High Court; Founder Member, Rimjhim and Associates 2. Mr. Shubham Kumar, Advocate, IPR, Bombay High Court
21	Workshop	One Day Workshop on How to use Manupatra	Department of Legal Studies	19.09.2024	Mr. Arvind Kumar Singh	Sales Manager, Manupatra
22	Workshop	Three days' Workshop on Importance of IPR for Startups	Department of Legal Studies	26.08.2024-28.08.2024	1. Ms. Rimjhim Mathur 2. Mr. Shubham Kumar	1. Ms. Rimjhim Mathur, IP Attorney, Rajasthan High Court; Founder Member, Rimjhim and Associates 2. Mr. Shubham Kumar, Advocate, IPR, Bombay High Court
23	Workshop	Workshop on Copyrightable Digital Poster Making for Entrepreneurship	Department of Legal Studies	24.08.2024	Mr. Suraj Kumar	Associate Analyst (Technical) Globallogic, Hitachi Group, Gurgaon, Haryana
24	08.02.2025	Workshop	Importance of Innovative Design for Entrepreneurship: Through the Lens of Design Act	Participants will be able to understand the importance of innovative design in entrepreneurship, focusing on legal aspects like the Design Act, 2000	Ms. Palak Rajpal ; Research Assistant, DPIIT-IPR Chair, Hidayatullah National Law University (HNLU), Raipur.	Students

WORKSHOP


**JHARKHAND
Rai University**
RANCHI


SCIENCE CLUB


**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of Education Initiative)


**विकसित भारत
अभियान**
1947 TO 2047



Dr. Ramesh Chandra Meena
Additional Director
STPI Ranchi
Ministry of Electronics and Information Technology

**17
SEP**
2:00 PM

Visit to MIMEC Electronic Pvt. Ltd.,
Ranchi, Jharkhand

Dated :14.05.2025


**JHARKHAND
Rai University**
RANCHI

One Day Workshop

How to use Manupatra



Mr. Arvind Kumar Singh
Sales Manager
Manupatra

Department of Legal Studies and library,
Jharkhand Rai University, Ranchi

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**19
SEP**
9:30 AM

WORKSHOP


**JHARKHAND
Rai University**
RANCHI

Workshop

**Revolutionizing Physiotherapy and Rehabilitation:
Exploring Advanced Equipment for Enhanced Patient Outcomes**



Ms. Anushree Jaiswal
Physiotherapist in Orthopedic Department
Fortis Hospital, Noida



Department of Physiotherapy, Jharkhand Rai University, Ranchi

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12

DEC

12:00 PM


**JHARKHAND
Rai University**
RANCHI

Workshop

**Excel Mastery : Unlocking the power
of Spreadsheets**

Resource Person: _____

**Dr. Irfan Alam**Associate Professor,
Department of CS&IT, Jharkhand Rai UniversityOrganized by Faculty of Commerce and Management ,
Jharkhand Rai University, Ranchi.
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14

DEC

10:00 AM

WORKSHOP



WORKSHOP

Strategic Problem-Solving: Aligning Ideation with Business Goals



RESOURCE PERSON



Prof. (Dr.) Prabal K Sen

Retired Professor Economics Area and Chairperson,
Entrepreneurship Development Cell (EDC)
XLRI: Xavier School of Management, Jamshedpur

**30
NOV**
12:30 PM

Organized by Institution's Innovation Council,
Jharkhand Rai University, Ranchi

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Workshop

Mastering Career Success: Resume Building, Group Discussion and Interview Skills Workshop

Resource Persons:



Mr. Praveen Sharma
(IIM - R)
Ex Delloite



Mr. Amit Eklavya
(M.Sc USA)
Ex Mc Kinsey & Company



Organized by Department of Management In Association with
Career Management Cell, Jharkhand Rai University, Ranchi

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**26
NOV**
11:00 AM

WORKSHOP


**JHARKHAND
Rai University**
RANCHI


**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of Education Initiative)

Workshop

**Building Fundable Startups:
Strategies to Attract Investors**


Mr. Abhishek Sagar
Co-founder & CEO
Zuraverse

Department of CSE & IT in association with Institution's
Innovation Council, Jharkhand Rai University, Ranchi

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**29
AUG**
11:00 AM
Room No. 218


**JHARKHAND
Rai University**
RANCHI

Celebrating World IP Rights Day

WORKSHOP

**Drafting, Pleading &
Conveyancing**


Sangam Kumar
Assistant Public Prosecutor

Organized by Department of Legal Studies in association
with Institution's Innovation Council and IPR cell
Jharkhand Rai University, Ranchi

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**27
APR**
2:00 PM

WORKSHOP

Celebrating World IP Rights Day

WORKSHOP

**Intellectual Property
and Sustainable
Development Goals**



Dr. S C Roy
Associate Professor,
CNLU Patna

Organized by Department of Legal Studies in association
with Institution's Innovation Council and IPR cell
Jharkhand Rai University, Ranchi

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**27
APR
3:30 PM**


**JHARKHAND
Rai University**
RANCHI
 
**GENDER
CHAMPIONS Club**

Workshop

**An Awareness Campaign for Eliminating
Gender Based Violence**

Resource Person: _____



Advocate Rahul Dev
Jharkhand High Court, Ranchi

Organized by Gender Champion Club in association with
Department of Legal Studies, Jharkhand Rai University, Ranchi

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**04
DEC
3:00 PM**

EXPERT TALK

Sl. No.	Type of Event	Title of Event	Name of Department	Date	Resource Person with Designation	Organized by
1	Expert Talk	Role of Divergent and Convergent Thinking Techniques in Problem Solving	Department of Pharmaceutical Sciences	25.11.2024	Dr. Afzal Hassan Khan, Department of Management, NSHM Business School, Durgapur	Department of Pharmaceutical Sciences, Jharkhand Rai University
2	National Comemorative Day	World Pharmacist Day	Department of Pharmaceutical Sciences	25.09.2024	NA	Department of Pharmaceutical Sciences, Jharkhand Rai University
3	National Comemorative Week	National Pharmacy Week	Department of Pharmaceutical Sciences	26.11.2024 – 27.11.2024	NA	Department of Pharmaceutical Sciences, Jharkhand Rai University
4	National Comemorative Day	Pharma Anveshan : 2025	Department of Pharmaceutical Sciences	06.03.2025	Prof. (Dr.) Ravi Bhushan Pandey, Professor at Sheikh Bhikhari Medical College and Hospital, Hazaribagh	Department of Pharmaceutical Sciences, Jharkhand Rai University
5	Expert Talk	Role of Divergent and Convergent Thinking Techniques in Problem Solving	Department of Pharmaceutical Sciences	25.11.2024	Dr. Afzal Hassan Khan, Department of Management, NSHM Business School, Durgapur	Department of Pharmaceutical Sciences, Jharkhand Rai University
6	National Comemorative Day	World Pharmacist Day	Department of Pharmaceutical Sciences	25.09.2024	NA	Department of Pharmaceutical Sciences, Jharkhand Rai University
7	National Comemorative Week	National Pharmacy Week	Department of Pharmaceutical Sciences	26.11.2024 – 27.11.2024	NA	Department of Pharmaceutical Sciences, Jharkhand Rai University
8	National Comemorative Day	Pharma Anveshan : 2025	Department of Pharmaceutical Sciences	06.03.2025	Prof. (Dr.) Ravi Bhushan Pandey, Professor at Sheikh Bhikhari Medical College and Hospital, Hazaribagh	Department of Pharmaceutical Sciences, Jharkhand Rai University
9	Expert Talk	Prioitizing a Ragging Free Campus :Enhancing Student Safety and Career Development	Department of Management	16/08/2024	Advocate Rahul Dev,Jharkhand High Court	Prof.Manoshi Roy

10	Expert Talk (online)	"Say No to Drugs: Be the Change, You Want to See in Society"	Department of Management	17/08/2024	Mr. Sudhir Pal, Founder and Managing Trustee, Manthan Yuva Sansthan	Prof. Manoshi Roy
11	Expert Talk	Developing the zeal for innovation and Entrepreneurship among youths	Department of Management & IIC	29/08/2024	Mr. Manish Piyush & Mr. Aditya Kumar Co-Founder & Director, Puresh Daily Foods Pvt. Ltd	Prof. Rashmi
12	Lecture Series on IKS	Exploring the concept of innovation & Sustainable Development from an Indian Perspective	Department of Management & IIC	30/08/2024	Dr. Arti Nirmal, Associate Professor, BHU	Prof. Rashmi
13	Expert Talk	Busting Myths regarding organ donation & Transplantation	Department of Management, Health Club & Science Club	23/09/2024	Across the University (all departments)	Prof. Rashmi
14	Expert Talk	Expert Talk on Navigating Challenges & Opportunities for Entrepreneurial Success	Faculty of Computer Science Engineering and Information Technology	27.08.2024	Mr. Pallav R. Khandelwal, Founder of MyDNAPedia, Indore, India.	Faculty of CSE & IT
16	Expert Talks SPARKS)-2024	Corporate Reading and Career Opportunities Overseas.	Faculty of Computer Science Engineering and Information Technology	26.09.2024	"Mr. Gaurav Sharma Site Eng. (Manager), L & T, USA"	Faculty of CSE & IT
17	Expert Talk	Motivational Sessional by Successful Innovation: Crafting your unique Path -Building a Powerful Personal Brand through Innovative and Resilience	Faculty of Computer Science Engineering and Information Technology	29.10.2024	"Mr. Hitesh Adwani Founder, Director, TOSS The Open Space Society"	Faculty of CSE & IT
18	Expert Talk	Driving Innovation in Cyber Security: Safeguarding the Future of Online Safety	Faculty of Computer Science Engineering and Information Technology	30.10.2024	Dr. Bhaskar Karn, Associate Professor, Dept. of CSE & Dean of Student Affairs, BIT Mesra, Ranchi	Faculty of CSE & IT

19	Expert Talks (SPARKS)-2024	SPARKS: International Lecturer Series: Career Mantra - Dealing with the Recession Crisis.	Faculty of Computer Science Engineering and Information Technology	23.11.2024	Mr. Siddharth Pai, Senior Software Engineer, Wamart Global Tech, USA	Faculty of CSE & IT
20	Expert Talk (SPARKS)-2024	AI and IoT Innovations in Electromobility : The Future of Smart Transportation	Faculty of Computer Science Engineering and Information Technology	04.12.2024	"Dr. Marta Zurek Mortka, Dept. of Control System ,Lukasiewicz Research Network -Institute for Sustainable TechnologyRadom, Poland"	Faculty of CSE & IT
21	Expert Talk	The Synergy between Mathematics & Information Technology	Faculty of Computer Science Engineering and Information Technology	13.12.2024	"Professor Wakil Kumar Asst. Professor (JRU), Ranchi"	Faculty of CSE & IT
22	Expert Talk	The Power of Prompts: Enhancing of AI Applications for Beginners	Faculty of Computer Science Engineering and Information Technology	20.02.2025	Prof. Sanjay Kumar Mahto, Assistant Professor, Jharkhand Rai University, Ranchi	Faculty of CSE & IT
23	Expert Talk	Building a Career in ITSM : How Service Now can Shape your Future	Faculty of Computer Science Engineering and Information Technology	03.03.2025	Prakash Ranjan (Software Engineer) Consultant Architech - Congnizent Technology Solution Pvt. Ltd. , Bangalore , Karnataka	Faculty of CSE & IT
24	Expert Talk	Navigating the path to a Successful Software Engineering Career	Faculty of Computer Science Engineering and Information Technology	22/03/2025	Sangam Raja (Software Engineer) Amazon India	Faculty of CSE & IT
25	Expert Talk	Semi-Structured Data and its Impact on Development of Sustainable Application	Faculty of Computer Science Engineering and Information Technology	26/03/2025	Dr. Supriya Chakraborty (HoD , CSE & DSCS) Brainware University, Kolkata	Faculty of CSE & IT
26	Expert Talk (SPARKS)	The foundation Models of Graph Neural Networks and their Applications	Faculty of Computer Science Engineering and Information Technology	06.05.2025	Dr. Jinming King (Researcher) North Carolina State University , USA	Faculty of CSE & IT

27	Expert Talk (SPARKS)	Advances in AI and ML : Real World Applications	Faculty of Computer Science Engineering and Information Technology	10.05.2025	Mr. Praveen Kumar Myakala (Software Engineer and AI Technologist) Texas , USA	Faculty of CSE & IT
28	Expert Talk (SPARKS)	Data Science for Career Advancement	Faculty of Computer Science Engineering and Information Technology	10.05.2025	Mr. Anil Kumar Jonnalagadda (Senior Data Engineer & Researcher) Texas , USA	Faculty of CSE & IT
29	Expert Talk	Awareness and Understanding of Hazards	Department of Paramedical Sciences	23.08.2024 & 24.08.2025	Dr. Diwakar Dattaraya Kalantre	Department of Paramedical Sciences
30	Expert Talk	Raise Awareness of plastic pollution on human health and the environment	Department of Paramedical Sciences	26.09.2024	Dr. Gauri Shankar Prasad Gupta	Department of Paramedical Sciences
31	Expert Talk	On Precaution to be taken for rare disease	Department of Paramedical Sciences	24.03.2025	Mr. Anil Kumar Patel	Department of Paramedical Sciences
32	Expert Talk	Together for a Ragging-Free Campus	Department of Paramedical Sciences	18.08.2025	Mr. Vinod Kumar Sahu, Advocate-Cum-Senior Panel Council	Department of Paramedical Sciences
33	Expert Talk	Emerging Opportunities in Diagnostic Imaging & Laboratory Technology: The Future Perspective of Allied Health Professionals	Department of Paramedical Sciences	28.08.2025	Dr. Abhishek Goswami, MD, M.B.B.S., Resident Doctor, RIMS, Ranchi	Department of Paramedical Sciences
34	Expert Talk	Cyanobacteria and Human Health: Toxins, Risks and Remedies	Department of Paramedical Sciences	23.09.2025	Dr. Devendra Kumar, M. Phil., Ph. D., M. Sc., NET, GATE, SET (Microbiology)	Department of Paramedical Sciences
35	World Radiology Day (Workshop)	Empowering Healthcare through Imaging Excellence	Department of Paramedical Sciences	13.11.2025		Department of Paramedical Sciences

36	Expert Talk	Crack the Mining GATE: Clear Myths and Unlock Success	Department of Mining Engineering	9/15/2024	"MR. VINOD KUMAR CHANDRA-KAR Founder, Mining Gyan Assistant Manager, SECL Research Scholar, IIT ISM, Dhanbad"	Mining Engineering
37	Expert Talk	The Future of Mining: Trends and Innovations in AI Application	Department of Mining Engineering	11/30/2024	"Rahul Kumar Prime Minister's Research Fellow, Dept of Mining Engineering, IIT Kharagpur"	Mining Engineering
38	Expert Talk	INNOVATION IN SPACE TECHNOLOGY HOW INDIA IS LEADING WAY	Department of Mining Engineering	8/24/2024	"Dr. Taps Dey Currently at Synspec Inc, Japan & Former Project Officer at Kalpana Chawla Space Technology Cell, ISRO IIT Kharagpur"	Mining Engineering
39	Expert Talk	Vikshit Bharat –Sustainable Approach	Department of Mining Engineering	12/24/2024	"Prof. (Dr.) S P Singh Former Vice chancellor A K S University, Ara"	Mining Engineering
40	Expert Talk	Vikshit Bharat through Sustainable development with special reference to mineral resources and mining in Jharkhand	Department of Mining Engineering	4/3/2025	"Prof. (Dr.) S P Singh Former Vice chancellor V K S University, Ara"	Mining Engineering
41	Expert Talk	Data Privacy	Department of Mining Engineering	2/14/2025	"Dr. Abhik Maity Data Scientist, PRM FINCON, Alumnus, IIT Kharagpur"	Mining Engineering

42	Expert Talk	Strategic Innovation with the Business Model Canvas	Department of Mining Engineering	5/19/2025	"Dr. Sanayak Banarjee School of Management & Entrepreneurship, IIT Jodhpur"	Mining Engineering
43	Expert talk	Speed Breeding for Crop Improvement	Department of Agriculture	21.12.2024	"Dr. Satyapal Singh Breeder and R&D Head Alliance Agri-tech Unit of Alliance World Manufacturing Pvt. Ltd Sonipat, Haryana"	Mrs. Poonam Singh
44	Expert talk	Nursery Visit	Department of Agriculture	14.12.2024	N.A.	Dr. Neha G A Kisku
45	Expert talk	Lac Cultivation Village	Department of Agriculture	27.09.2024	NA	Ms. Bhavna Sinha & Ms. Auindrila Biswas
46	Expert talk	Molecular Laboratory, ICAR, IIAB, Ranchi	Department of Agriculture	29.08.2024	N.A.	"Mrs. Poonam Singh"
47	Departmental Event	Innovative Approaches in Pest Management	Department of Agriculture	29.11.2024	"Dr. Sameer Kumar Singh Asst. Professor ANDUAT, Ayodhya (U.P.)"	Ms. Bhavna Sinha
48	Expert talk	Package of Practices and Management of Cereal, Pulses and Oilseeds Crop of Jharkhand in Respect to Natural Farming	Department of Agriculture	29.04.2025	Dr. Ashok Kumar, Former Associate Dean, Agriculture College, Garhwa, B. A. U. Ranchi	Ms. Khushboo Kumari
49	Expert talk	International Seed Day	Department of Agriculture	29.04.2025	Dr. Ashok Kumar, Former Associate Dean, Agriculture College, Garhwa, B. A. U. Ranchi	Mrs. Poonam Singh
50	Expert talk	Sustainable Horticulture: Lessons from Nature	Department of Agriculture	19.03.2025	Dr. Samir Ebson Topno, Assistant Professor, Department of Horticulture at SHUATS, Allahabad	Dr. Neha Grace Angel Kisku

51	Expert talk	Agritech startups revolutionizing agripreneurship in India	Department of Agriculture	10.03.2025	Dr. Suresh Chandra Sharma, CCS NIAM, Jaipur	Mr. Rahul Kumar
52	Expert talk	International Women's Day	Department of Agriculture	07.03.2025	Ms. Sarita Pandey, Proprietor of M/S Sarita Pandey & Associates, Director of Bhimbirsa Immense Foundation, Ranchi	Ms. Auindrila Biswas
53	Expert Talk	RTI in the Digital Age: The Intersection of Transparency, Technology and Innovation	Department of Legal Studies	21.02.2025	Mr. Sunil Kr. Mahto ; Advocate, Jharkhand High Court	Department of Legal Studies
54	Expert Talk	Gender Sensitisation and the POSH Act: Breaking Workplace Stereotypes	Department of Legal Studies	08.03.2025	Ms. Srishti Satwat, Advocate, Jharkhand High Court	Department of Legal Studies
55	Expert Talk	Intellectual property Rights in Mergers and Acquisition: Maximising Values and mitigating risks	Department of Legal Studies	07.04.2025	Mr. Harsh Mishra; Legal Researcher, Jharkhand Judicial Academy	Department of Legal Studies
56	Expert Talk	Expert Talk on Steps for curbing Drug Menace	Department of Legal Studies	03.10.2024	"1. Mr. Rizwan Ansari 2. Mr. Manohar Munjal 3. Mr. Pranav Prabhat 4. Ms. Shivani Singh 5. Mr. Prachanand Singh, 6. Mr. Atul Gera "	"1. Mr. Rizwan Ansari, SI CID 2. Mr. Manohar Munjal, Office, NCB 3. Mr. Pranav Prabhat, Asst. Director, Drug Control 4. Ms. Shivani Singh, Advocate, DALSA 5. Mr. Prachanand Singh, Team Member, Drugs, DALSA 6. Mr. Atul Gera, Founder, Life Savers, Ranchi
57	Expert Talk	Expert Talk on Technology and Law through the lens of constitution	Department of Legal Studies	26.11.2024	Adv. Rahul Dev	Advocate, Jharkhand High Court
58	Expert Talk	Expert Talk on Technology and Law through the lens of constitution	Department of Legal Studies	26.11.2024	Adv. Rahul Dev	Advocate, Jharkhand High Court

59	Expert Talk	RTI in the Digital Age: The Intersection of Transparency, Technology and Innovation	Department of Legal Studies	21.02.2025	Mr. Sunil Kr. Mahto ; Advocate, Jharkhand High Court	Students
60	Expert Talk	Intellectual property Rights in Mergers and Acquisition: Maximising Values and mitigating risks	Department of Legal Studies	07.04.2025	Mr. Harsh Mishra; Legal Researcher, Jharkhand Judicial Academy	Students

EXPERT TALK



JHARKHAND
Rai University
RANCHI

EXPERT TALK

**HOW TO DO MINE PLANNING
USING SOFTWARES ?**



Mr. Rahul Singh
Research Scholar,
Department of Mining Engineering, IIT Kharagpur

Organized by Department of Mining Engineering,
Jharkhand Rai University, Ranchi

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**07
MAY**
10:00 AM



JHARKHAND
Rai University
RANCHI




Expert Talk

**AgriTech Startups Revolutionizing
Agripreneurship in India**



Dr. Suresh Chandra Sharma
Assistant Professor, PGDM-ABM
National Institute of Agricultural Marketing, Jaipur, Rajasthan

Organized by Department of Agriculture & IIC, Jharkhand Rai University, Ranchi
in association with National Institute of Agriculture Marketing

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**10
MAR**
3:00 PM

EXPERT TALK


**JHARKHAND
Rai University**
RANCHI




Expert Talk

Understanding Emotional Intelligence Competencies



Prof. (Dr.) RK Pradhan
Professor,
Dept of HSS, IIT Kharagpur

Venue: Room No. 121, Academic Block JRU

Organized by Department of Mining Engineering & JRU Health Club in association with National Association of Mental Health and Allied Health (NAMA)

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13

MAY

11:00 AM


**JHARKHAND
Rai University**
RANCHI

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ADMISSIONS OPEN 2024

EXPERT TALK

On-Field Interventions by Physiotherapists in response to acute injuries



Dr. Chandani Prasania (PT)
Senior Sports Physiotherapist & Presiding Officer,
Posh ICC Inspire Institute of Sport

Organized by Department of Physiotherapy (BPT),
Jharkhand Rai University, Ranchi

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14

MAY

12:30 PM

EXPERT TALK



**JHARKHAND
Rai University**
RANCHI

Expert Talk

Speed Breeding for Crop Improvement

Resource Person: _____



Dr. Satyapal Singh

Breeder and R&D head, Alliance Agritech Unit of Alliance World Manufacturing Pvt.Ltd. Sonipat, Haryana



Organized by Department of Agriculture,
Jharkhand Rai University, Ranchi.

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**21
DEC
3:00 PM**



**JHARKHAND
Rai University**
RANCHI

Expert Talk

**Navigating the Path to a Successful
Software Engineering Career**



Sangam Raja
Software Engineer, Amazon, India



Organized by Faculty of CSE & IT, Jharkhand Rai University, Ranchi

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**22
MAR
2:30 PM**

EXPERT TALK



**JHARKHAND
Rai University**
RANCHI



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of Education Initiative)



JRU NSS CELL

EXPERT TALK

Opportunities and Future in Agri-Tech Startup Ecosystem



Mrs Chhandosree Thakur
Founder & CEO
Live Foundation

22 May, 2024



3:30 PM



Organized by JRU NSS Cell & Department of Agriculture in association with
Institution's Innovation Council, Jharkhand Rai University, Ranchi.

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**JHARKHAND
Rai University**
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**विकसित भारत
अभियान**
1947 TO 2047

EXPERT TALK

VIKSIT BHARAT@2047: TRANSFORMING INDIA

Resource Person:



Prof. (Dr.) S P Singh
Former Vice Chancellor,
V K S University, Ara



Organized by Department of Mining Engineering,
Jharkhand Rai University, Ranchi

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**24
DEC**
12:00 PM

EXPERT TALK



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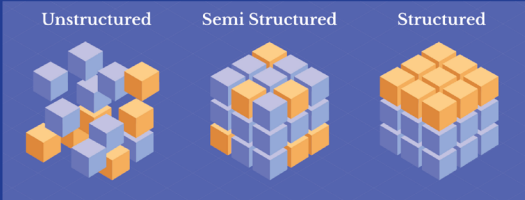
Expert Talk

Semi-Structured Data and its Impact on Development of Sustainable Applications



Dr. Supriya Chakraborty
HoD, CSE-DSCS
Brainware University, Kolkata, WB, India

Unstructured Semi Structured Structured



26
MAR
11:00 AM

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JHARKHAND
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Resource Person



CA Ankit Kumar Sinha
Risk Advisory Professional,
Direct Tax Advisor,
PWC India

EXPERT TALK on

How Salaried Individuals Can Reduce Tax Liability: A Guide to ITR Filing and Eligible Deductions

Date : 26th April, 2025
Time: 2:00 PM

Organized by IQAC & Department of Management, Jharkhand Rai University, Ranchi

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EXPERT TALK


**JHARKHAND
Rai University**
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**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of Education Initiative)

Expert Talk
**The Rise of Gig Economy and Its
Impact on Entrepreneurship**

Resource Person: _____



Mrs. Sutapa Nandi
Entrepreneur & Motivational Speaker

Organized by Department of Management,
Jharkhand Rai University, Ranchi

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**29
OCT**
11:00 AM


**JHARKHAND
Rai University**
RANCHI

Expert Talk
Innovative Approaches in Pest Management

Resource Person: _____



Dr. Sameer Kumar Singh
Asstt. Professor, Department of Entomology,
Acharya Narendra Deva University of Agriculture and Technology,
Ayodhya, Uttar Pradesh

Organized by Department of Agriculture,
Jharkhand Rai University, Ranchi.

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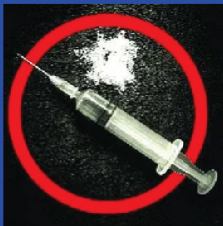
**29
NOV**
2:30 PM

EXPERT TALK


**JHARKHAND
Rai University**
RANCHI



Expert Talk
Steps for Curbing Drug Menace



Resource Persons:
 Mr. Rizwan Ansari, SI CID
 Mr. Manohar Munjal, Office, NCB
 Mr. Pranav Prabhat, Asst. Director, Drug Control
 Ms. Shivani Singh, Advocate, DALSA
 Mr. Prachanand Singh, pl. Team Member, Drugs, DALSA
 Mr. Atul Gera, Founder, Life Savers, Ranchi

Organized by Department of Legal Studies in association with
 NSS Cell, Jharkhand Rai University, Ranchi

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**03
OCT
11:00 AM**


**JHARKHAND
Rai University**
RANCHI

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EXPERT TALK
**Plastic Pollution: The Search for
a Sustainable Solution**



Dr. Gauri Shankar Prasad Gupta
 Former - Executive Director,
 Higher Technical Education Department
 Govt. of Jharkhand

Organized by Department of BMLT in association with
 NSS Cell, Jharkhand Rai University, Ranchi

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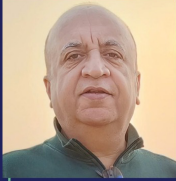
**27
SEP
11:30 AM**

EXPERT TALK


**JHARKHAND
Rai University**
RANCHI

Expert Talk

GST and Its Impact on Inflation and Consumer Pricing



Mr. Ajay Deep Wadhwa
Tax Costing / Accounting Consultant and International Trainer
Former Chief Manager Finance - Coal India



Organized by Department of Management,
Jharkhand Rai University, Ranchi

**17
APR**
10:00 AM

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**JHARKHAND
Rai University**
RANCHI



Expert Talk

Meeting Market Demands in Physiotherapy: Integrating Innovative Solutions for Comprehensive Patient Care



Dr. Parthipan Ramasamy (PT)
Director-Operation and Strategy,
Padmanaban's Movenentology Academy LLP

Organized by Department of Physiotherapy (BPT) in association
with Institution's Innovation Council, Jharkhand Rai University, Ranchi.

**11
FEB**
11:00 AM

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SPARKS - INTERNATIONAL LECTURE SERIES


**JHARKHAND
Rai University**
RANCHI

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SPARKS
International Lecture Series



Corporate Readiness and Career Opportunities Overseas

Mr. Gaurav Sharma
Site Engineering Manager, L&T, USA
Posh ICC Inspire Institute of Sport

Organized by Faculty of Computer Science Engineering & Information Technology, Jharkhand Rai University, Ranchi

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**26
SEP**
9:30 AM


**JHARKHAND
Rai University**
RANCHI


SPARKS
International Lecture Series

Career Mantra: Dealing with the Recession Crisis

Resource Person: _____



Mr. Siddarth Pai
Senior Software Engineer,
Walmart Global Tech., United States

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**23
NOV**
9:30 AM

SPARKS - INTERNATIONAL LECTURE SERIES


**JHARKHAND
Rai University**
RANCHI


AI and IoT-Driven Innovations in Electromobility: The Future of Smart Transportation

Resource Person: _____



Dr. Marta Zurek-Mortka

Department of Control Systems,
Lukasiewicz Research Network - Institute for Sustainable Technologies,
Radom, Poland

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& Information Technology, Jharkhand Rai University, Ranchi



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**04
DEC**

1:30 PM IST

Resource
Person



Dr. Jinming Xing

Researcher,
North Carolina State
University, USA

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**JHARKHAND
Rai University**
RANCHI

SPARKS
International Lecture Series

Topic:

**The Foundation Models of
Graph Neural Networks and
Their Applications**

Date : 6th May, 2025

Time: 10:00 AM (IST)

Organized by Faculty of Computer Science Engineering &
Information Technology, Jharkhand Rai University, Ranchi



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SPARKS - INTERNATIONAL LECTURE SERIES

Resource
Person



**Mr. Praveen Kumar
Myakala**

Software Engineer and AI
Technologist, Texas, USA

www.jru.edu.in



**JHARKHAND
Rai University**
RANCHI



SPARKS
International Lecture Series

Topic:

**Advances in AI and ML:
Real World Applications**

Date : 10th May, 2025

Time: 10:10 AM to 10:50 AM (IST)

Organized by Faculty of Computer Science Engineering &
Information Technology, Jharkhand Rai University, Ranchi

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Resource
Person



**Mr. Anil Kumar
Jonnalagadda**

Senior Data Engineer
& Researcher, Texas, USA

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Rai University**
RANCHI



SPARKS
International Lecture Series

Topic:

**Data Science for Career
Advancements**

Date : 10th May, 2025

Time: 9:30 AM to 10:10 AM (IST)

Organized by Faculty of Computer Science Engineering &
Information Technology, Jharkhand Rai University, Ranchi

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ALUMNI TALK

Sl. No.	Type of Event	Title of Event	Name of Department	Date	Resource Person with Designation	Organized by
1	Alumni Talk	From Learner to Leader-An Alumni makes an impact	Department of Management	13/09/2024	Students of BBA I & MBA I	Prof. Rashmi
2	Alumni Talk	From Student to Leader : Building a Strong Professional Brand	Department of Commerce & Management	08.4.2025	1. Mr. Sourav Kumar as- sistant Branch Manager BFIL,Jamshedpur 2. Mr. Sour- abh Kumar Assistant Branch Manager BFIL, Chaibasa	Rashmi Raj
3	Expert Talk	Transforming Higher Education : Exploring the Core Principles of NEP 2020 and the Four - Year Undergraduate Program Curriculum framework	Department of Commerce & Management	29.3.2025	Dr. Neeraj former NEP Nodal Officer Ranchi University, Ranchi; Member State Level NEP Implementation Cell, DHTE, Jharkhand; Assistant Professor University Department of Chemistry, Ranchi University, Ranchi	Rashmi Raj & Harmeet Kaur
4	Expert Talk	Strategies for Aptitude Test in Competitive Exams	Department of Commerce & Management	04.4.2025	Mr. Sankalp Karn,Electrical Engineer from CUSAT &Faculty in TIME	Ankita Kumari
5	Expert Talk	Recruitment, Selection, Training & Development : Building Future Ready Talent	Department of Commerce & Management	16.4.2025	Mr. Ashish Chopra Head Manufacturing Department, SNL Bearings Pvt Ltd	Ankita Kumari
6	Expert Talk	GST and its Impact on Inflation and Consumer Pricing	Department of Commerce & Management	17.4.2025	Mr. Ajay Deep Wadhwa Taxation/ Accounting Consultant/ International Trainer and Motivator Former Chief Manager Finance - Coal India	Neeraj poddar & Rashmi Raj
7	Expert Talk	The Power of Creative Thinking to solve Real world Problems	Department of Commerce & Management	15.5.2025	Mr. Rajeev Kumar Gupta Curator TEDx Kanke, Ranchi	Rashmi Raj

8	Alumi Talk	Alumni Talk on Navigating the Path from BCA to a Successful Tech Career	Faculty of Computer Science Engineering and Information Technology	23.09.2024	Sonal Verma (BCA 2021-24), Alumni JRU	Faculty of CSE & IT
9	Alumni Talk	Breaking into Tech: Lesson Learned after BCA	Faculty of Computer Science Engineering and Information Technology	09.04.2025	Akash Kumar Sharma (BCA) Investigation Specialist , Amazon India Pvt. Ltd.	Faculty of CSE & IT
10	Alumni Talk	Working culture in Opencast coal mines	Department of Mining Engineering	9/9/2024	"ANISH KUMAR G.E.T (GRADUATE ENGINEER TRAINEE) THRIVENI SAINIK MINING PRIVATE LIMITED "	Mining Engineering
11	Alumni Talk	Drilling & Blasting methods in Open-cast Coal Mine	Department of Mining Engineering	9/9/2024	"ETWA GANJHU G.E.T (GRADUATE ENGINEER TRAINEE) THRIVENI SAINIK MINING PRIVATE LIMITED "	Mining Engineering
12	Alumni Talk	Life Underground: My Journey from classroom to coal face	Department of Mining Engineering	7th May, 2025	"Pradip Kumar Bauri Trainee, Dhori Mines, CCL Alumni JRU "	Mining Engineering
13	Alumni wit	World Soil Day	Department of Agriculture	05.12.2024	NA	Mr. Rahul Kumar & Ms. Khushboo Kumari
14	Alumni wit	Alumni Wit on "Revisiting Roots: Benefits of Pursuing a Master's at Your Alma Mater"	Department of Agriculture	15.05.2025	N.A.	Dr. Neeta Sweta Kerketta

ALUMNI TALK


**JHARKHAND
Rai University**
RANCHI

ALUMNI WIT

Industry Insights: Alumni Perspectives on Essential Skills



Ms. Shivangi Srivastava
Alumni, Jharkhand Rai University
Scholar Trainee,
WIPRO, Pune

Organized by Department of CS&IT,
Jharkhand Rai University, Ranchi

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**13
MAY
10:30 AM**


**JHARKHAND
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RANCHI

Alumni talk on

**Beyond the Classroom:
Social Barriers, Constitutional
Safeguards, and the Pursuit of
Dignity in Courts**

Date : 26th November, 2025
Time: 10:00 AM
Venue : Room no: 318

Organized by Department of Legal Studies,
Jharkhand Rai University, Ranchi

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**Damini Kumari****(Practising Advocate)***Alumni - Department of
Legal Studies Jharkhand Rai University*www.jru.edu.in

ALUMNI TALK


**JHARKHAND
Rai University**
RANCHI

Alumni Wit

**Working culture in
Opencast Coal Mines**



Anish Kumar
G.E.T(Graduate Engineer Trainee)
Thriveni Sainik Mining Private Limited

Organised by Department of Mining Engineering, Jharkhand Rai University

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**09
SEP**
11:00 AM


**JHARKHAND
Rai University**
RANCHI



ALUMNI TALK

**Exploring Career Opportunities
in Agriculture**



Ms. Pallabi Patra
Assistant Professor
Gurukul Edutech Education and Research Foundation
Langalber, West Bengal

Organised by Department of Agriculture in association JRUI Alumni Association, Jharkhand Rai University

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**07
DEC**
11:00 AM

STUDENT CLUBS

Social and cultural activities play a vital role in preparing students for real life and strengthening their personal skills. They hold great importance in a student's journey, helping them to connect with the university while also developing in their chosen fields. Such activities nurture essential abilities including organisation, presentation, leadership, and interpersonal communication.

Life at JRU is vibrant, with a wide range of opportunities designed to suit diverse talents and interests. The university actively supports extra-curricular initiatives that complement its educational objectives while meeting the needs of students.

Student clubs are central to this experience, serving as the main organisers of extra-curricular activities. Open to all, these clubs allow students to join according to their interests and participate in meaningful events. Involvement in clubs enhances skills and nurtures talent within areas of passion.

Joining a student club offers much more than participation it provides the chance to build new friendships, enrich academic life, develop teamwork, and explore career opportunities..

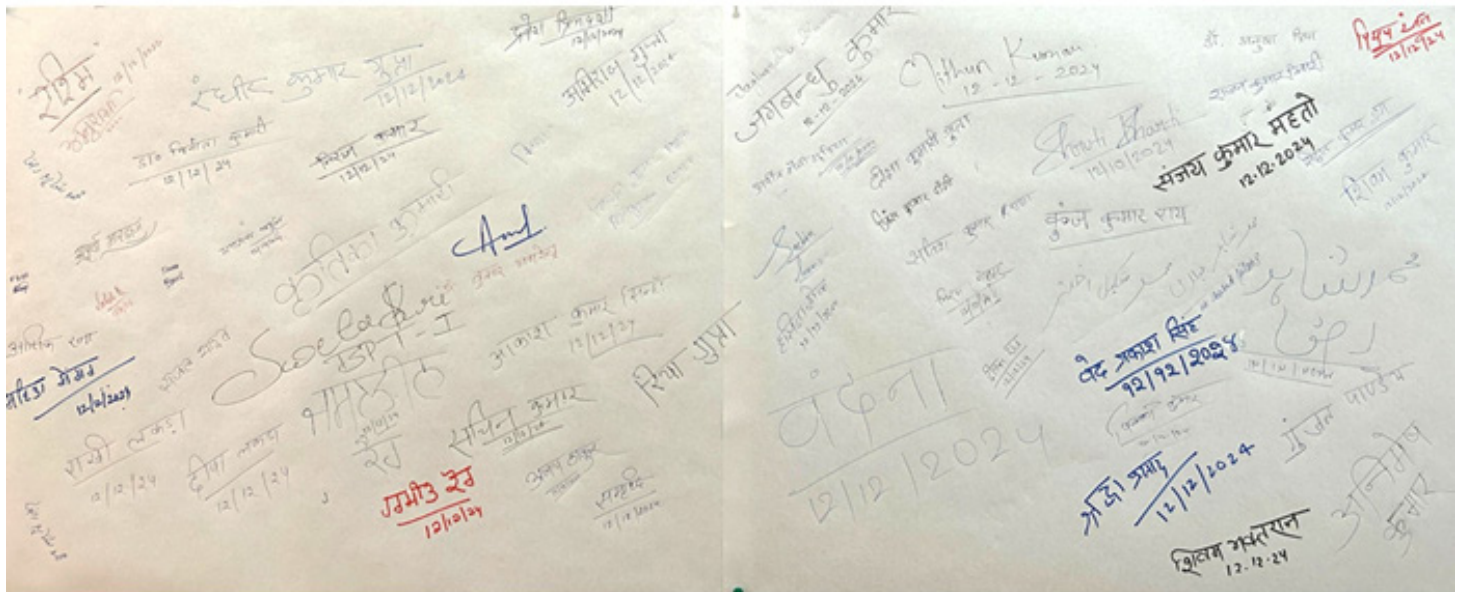
JRU has established multiple students' clubs to enhance the overall skills of our students.



CLUB ACTIVITIES



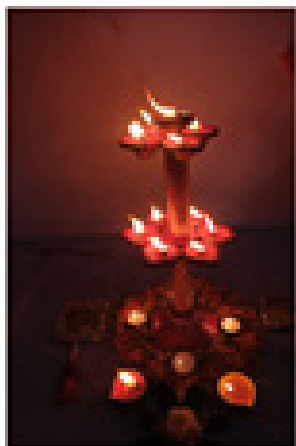
MY LANGUAGE MY SIGNATURE



Bharatiya Bhasa Diwas

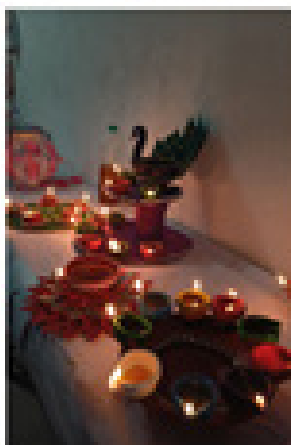
Dated 10 Dec, 2024

CLUB ACTIVITIES



Deepotsav

Dated : 28 Oct, 2024



Independence Day

Dated :15th Aug 2024



CLUB ACTIVITIES



Hindi Pakwada

Dated : 28 Sept, 2024



Hungrito - Food Fest

Dated : 20 Sept, 2024

CLUB ACTIVITIES



**Teachers Day
Celebration**

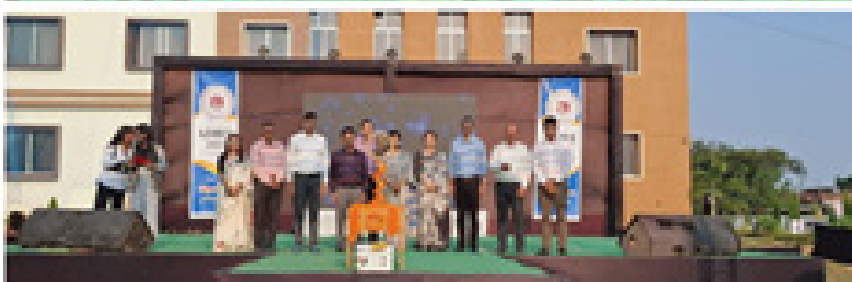
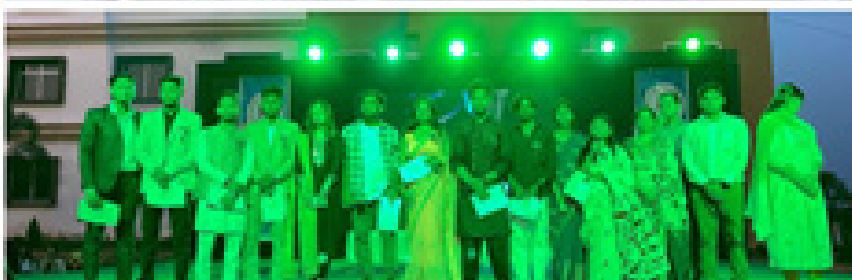
Dated : 5 Sept, 2024



Karma Puja

Dated : 13 Sept, 2024

CLUB ACTIVITIES



ADIEU- Farewell Party

Dated : 2 May, 2025

Republic Day

Dated : 26 Jan, 2025



CLUB ACTIVITIES



SPARDHA 2024 Inter Department Football Tournament

Dated : 25 Oct, 2024



SPARDHA 2025 Inter Department Cricket Tournament

Dated : 12 Apr, 2025

CLUB ACTIVITIES



Football Tournament

Dated : June, 2024

EXTENSION & OUTREACH ACTIVITIES



Nukkad Natak

Dated : 22 April, 2022

Voters Day

Dated : 25 Jan, 2025



EXTENSION & OUTREACH ACTIVITIES



Swachh Bharat Abhiyan

Dated : 16 March, 2025



Vote for Democracy

Dated : 6 March, 2025

EXTENSION & OUTREACH ACTIVITIES



Cyber Awareness Rally

Dated : 31 Oct, 2024

Swatchta Abhiyan

Dated : 21Nov, 2024



ADR Awareness

Dated : 17 Oct, 2024



“The Foundation Program”

“People without the knowledge of their past history, origin and culture are like trees without roots.”- Marcus Garvey

At JRU, we believe in innovative teaching methods that help in preparing our students with desired skills, ingenious insights and imaginative abilities in order to make them well equipped and employable.

Keeping in mind the students coming from different and diverse background, JRU brings meticulously designed Online Foundation Program named “ROOTS–2024” on JRU Digital Learning Platform i.e. [https:// jrumoodle.in](https://jrumoodle.in) starting Sept 1, 2024.

JRU digital learning platform is an integrated learning management system (LMS) designed to provide students and faculty members with a single robust, secure and integrated system to create personalized learning environments. In this time of pandemic crisis, our university has developed a well-rounded and effective educational practice needed for capacity-building of young aspiring minds.

“ROOTS – 2024” is designed around students, helping them to bridge and uncover the answers to the questions they have, and providing the information regarding the campus resources, programs & services.

During the program students will build a network of resources that will help them to start their JRU journey on the right path. By the end of ROOTS, students will be on their way to start their exiting educational journey.

Our university is committed to entrepreneurial development and skills enhancement for our students. We have also taken a novel initiative to add a skill-based Certification Programme in various programmes. “ROOTS – 2024 followed by TWO days Online Orientation Program” will start with an Introduction Session, along with many games and fun loving activities, and later would cover the basic of sciences / Maths / IT / English/ Biology which will help the students coming from diverse background learn the fundamentals and come up to a common platform before they begin their respective credit-based course.

Apart from academics, the sessions will include different club activities from JRU's Cultural Club, Sports Club and Science Club. To make learning fun, the session will also include leaning from different movies from Bollywood/Hollywood, Audio Visual, pass the word, spotting, Game Blast etc. to inculcate and imbibe soft skills like Ethics, Motivation, Leadership, etc.

Besides this, the courses on “Basic Etiquette and Personal Development” and “IT Awareness and Technology Trends” also constitutes an integral part of the foundation program, ensuring the students use best of their capabilities and resources once they enter the credit-based program.

Last but not the least, the session will include “Expert Talk” from eminent personalities in their fields and also include “Alumni's Wit”

where our alumni will be sharing experiences about their campus life.

To ensure that the program is taken up with utmost seriousness, all students will also go through an assessment session at the end of ROOTS.

CAREER MANAGEMENT CELL

(Training & Placement)

Career Management Cell (CMC) of Jharkhand Rai University is committed to provide all possible assistance to the students giving them direction and resources to acquire the necessary skills in order to become industry ready. The Career Management Cell optimizes students' talent as per the expectation of the industry and grooms the students to the best of their capabilities. Our aim is to mentor students to choose the right career by giving them proper knowledge, skill and aptitude to cater to the manpower requirements of the Industry. Activities like On-Campus-Placement drives, Job Fair, Pool Campus drives, Group Discussions, Presentations, Mock Interview Sessions, Personality Development Classes, Guest Lectures, Alumni Interaction, Industrial Visits and trainings are all attempts to bridge the gap between the budding professionals and their prospective employers.

SUCCESSFUL PLACEMENTS AT



Our Placements

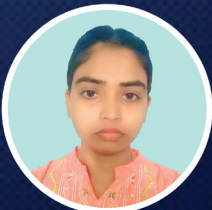
 **R K Life Care**



Lakshmi Kumari
B.Pharm
(Batch : 2020 - 2024)



Monika Kumari
B.Pharm
(Batch : 2020 - 2024)



Pragya Kumari
B.Pharm
(Batch : 2020 - 2024)

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Students of B.Pharm
Department of Pharmaceutical Sciences





Laxmi Kumari
MBA
(Batch : 2022 - 2024)



Vivek Kumar
MBA
(Batch : 2022 - 2024)



Kumari Kreeti
MBA
(Batch : 2022 - 2024)

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Students of MBA
Department of Management

Our Placements


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Sourabh Kumar
MBA
(Batch : 2022 - 2024)


Shivam Kumar Verma
MBA
(Batch : 2022 - 2024)


Chanchala Kumari
MBA
(Batch : 2022 - 2024)


Rakesh Kumar
MBA
(Batch : 2022 - 2024)


Himanshu Kr Jaiswal
MBA
(Batch : 2022 - 2024)


Niraj Sharma
MBA
(Batch : 2022 - 2024)


Nishi Yadav
MBA
(Batch : 2022 - 2024)


Arvind Aind
MBA
(Batch : 2022 - 2024)


Sourav Kumar
MBA
(Batch : 2022 - 2024)

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Students of MBA
Department of Management


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Abhay Kumar Bharti
B.Pharm
(Batch : 2020 - 2024)


Raushan Kumar
B.Pharm
(Batch : 2020 - 2024)


Meheebub khan
B.Pharm
(Batch : 2020 - 2024)


Vijay Kumar Mahto
B.Pharm
(Batch : 2020 - 2024)


Harshit Kumar
B.Pharm
(Batch : 2020 - 2024)


Sashi Bhusan Kumar
B.Pharm
(Batch : 2020 - 2024)

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Students of B.Pharm
Department of Pharmaceutical Sciences

Our Placements



						
Anjali Kumari MBA (Batch : 2022 - 2024)	Kriti Kumari Raj MBA (Batch : 2022 - 2024)	Shrest Raj MBA (Batch : 2022 - 2024)	Anil Kumar MBA (Batch : 2022 - 2024)	Chanchala Kumari MBA (Batch : 2022 - 2024)	Arvind Aind MBA (Batch : 2022 - 2024)	Himanshu Kumar MBA (Batch : 2022 - 2024)
						
Subhash Kumar MBA (Batch : 2022 - 2024)	Mamta Kumari MBA (Batch : 2022 - 2024)	Md. Rijwan MBA (Batch : 2022 - 2024)	Vivek Topno MBA (Batch : 2022 - 2024)	Vandana Kumari MBA (Batch : 2022 - 2024)	Izharul Haque MBA (Batch : 2022 - 2024)	Vikash Kumar MBA (Batch : 2022 - 2024)

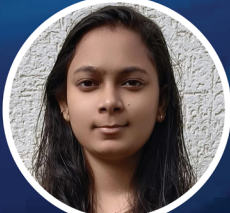
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Students of MBA
Department of Management



		
Ritika Kumari Sah MCA (Batch : 2022 - 2024)	Suraj Kumar Sharma MCA (Batch : 2022 - 2024)	Arya Swaroop MCA (Batch : 2022 - 2024)

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Students of MCA
Department of CSE & IT

Our Placements





Sanu Kumar
Batch : (2021 - 2023)



Rupanjay Singh
Batch : (2021 - 2023)

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Students of BCA
Department of CSE & IT

SUCCESSFUL PLACEMENT AT





Piyush Priya
B.Sc (Hons.) Agriculture
Batch : (2020 - 2024)

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Our Placements

SUCCESSFUL PLACEMENTS



Nandita Kumari
B.Tech CSE



Faizal Raza
BCA



Vidit Kumar Verma
B.Tech CSE



Asha Kumari
BCA



Aman Vishwakarma
BCA



Maurya Mayank
MCA



Akash Kumar Sharma
BCA



Development Centre
India



Sayan Mandal
BCA



Sourabh Kumar
B.Tech CSE



Kuldeep Yadav
BCA



Kuldeep Mahto
MCA



**Sumit Kumar
Ravidas**
BCA



Sheetal Prasad
BCA



Shivani Kumari
BCA



Nikhil Kumar
MCA



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and many more...

RESEARCH & DEVELOPMENT

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, research scholars 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.

JRU aims to create a knowledge pool for the State of Jharkhand by serving the needs of diverse communities. JRU continuously strives to provide quality education to its students through dynamic research. The University offers Doctoral programs in six faculties including different subject fields. Our Focus is on high impact research that advances knowledge and its application, and which is of high international quality and impact.

During the year, 2024-2025, Twenty Four (24) Ph.D. degrees were awarded by the University (Table 1).

Table 1: Award of Ph.D. degrees during 2024-2025 (July 2024-June 2025)

Sl. No.	Faculty & (Subject)	Name of the Scholar	Topic of Research	Date of Final Thesis defense Viva	Date of Notification
1	Faculty of Agricultural Sciences (Bio-Technology)	Nit Nayana	Study on Antifungal activity of botanicals, Panchgavya and Trichoderma against Mango Malformation	13.09.2024	16.09.2024
2	Faculty of Commerce & Management (Management)	Nitesh Kumar	Analytical Study on Service Quality of Private Hospitals : A Case Study of Ranchi	07.10.2024	08.10.2024
3	Faculty of Computer Science & IT (Computer Science)	Prakash Anand	Impact of Artificial Intelligence in sub image analysis: Script Identification in hand written and printed documents	18.10.2024	21.10.2024
4	Faculty of Humanities & Social Science (English)	Dolan Ghosh	A comparative Study of Gender Roles in the novels of Anita Desai and Arundhati Roy	18.10.2024	21.10.2024
5	Faculty of Agricultural Sciences (Bio-Technology)	Shweta Shree	Isolation, Identification and Characterization of Secondary Metabolites in Mulberry Plants	14.11.2024	21.11.2024
6	Faculty of Science & Engg. (Environmental Science)	Srijani Bhattacharya	A Study of Impact of Ground Water Arsenic Contamination in Kolkata and South 24 Parganas Districts of West Bengal	23.11.2024	28.11.2024

7	Faculty of Computer Science & IT (Computer Science)	Sonali Sinha	Design & Analysis of secure social network model using machine learning techniques	03.12.2024	10.12.2024
8	Faculty of Humanities & Social Science (Music)	Anshuman Kumar	विदुषी शारदा सिन्हा : व्यक्तित्व एवं संगीत	14.12.2024	20.12.2024
9	Faculty of Humanities & Social Science (Music)	Vandana	बिहार के परिप्रेक्ष्य में उप शास्त्रीय संगीत के सन्निकट लोकगीतों का सांगीतिक अवलोकन	14.12.2024	20.12.2024
10	Faculty of Humanities & Social Science (Social Work)	Sankar Chowdhury	A Study of Health and Nutrition Status of Adult Women under BPL Category in Sundarban Delta Region of West Bengal	20.12.2024	27.12.2024
11	Faculty of Humanities & Social Science (Education)	Binay Pattanayak	Role of Mother Language in Pre-School Education of Children in Multilingual Jharkhand: A Critical Study	31.12.2024	06.01.2025
12	Faculty of Commerce & Management (Management)	Mradul Kumar Saxena	Critical Study on Socio-economic pattern of Organized and Unorganized Sector Workforce: A case study of Ranchi	06.01.2025	11.01.2025
13	Faculty of Humanities & Social Science (Social Studies)	Sandip Goswami	A Social Work Research on Generalise Social Work Practice for Development of the Rural Poor.	13.01.2025	20.01.2025
14	Faculty of Science & Engg. (Mathematics)	Neha Kumari	Application of Fuzzy Set theory in Geometric Programming	17.01.2025	23.01.2025
15	Faculty of Humanities & Social Science (English)	Radheswar Roy	French Revolution and Its Impact upon the Renaissance of Bengal	07.02.2025	10.02.2025
16	Faculty of Humanities & Social Science (English)	Subiya Ahmed	An Analytical Study on the Positive Portrayal of Death by Emily Dickinson	07.02.2025	10.02.2025
17	Faculty of Humanities & Social Science (Environmental Studies)	Santosh Kumar Chattaraj	Impact of coal mines on Environment in Lower Damodar Valley Region (West Bengal): A Geographical Study	07.04.2025	12.04.2025
18	Faculty of Science & Engg. (EE)	Barre Prabhakar Rao	A Novel Cost Effective Interpolation Algorithm for Color Image Restoration for Artificial Vision Systems	10.04.2025	17.04.2025

19	Faculty of Science & Engg. (Mathematics)	Shashi Ram	Heat and Mass Transfer Characteristics in Magneto-Hydrodynamic Flow of a Nanofluid over a Stretching Sheet	01.05.2025	03.11.2025
20	Faculty of Science & Engg. (ECE)	Mona Quaisar	Enhancement of Network Lifetime for Energy Efficient Cooperative Opportunistic Routing Protocol using AOMR-Dijkstra in Wireless Sensor Networks	10.05.2025	13.05.2025
21	Faculty of Commerce & Management (Management)	Anurag Singh	A Study on the Aspect of Distribution Equity through Value Based Channel Association in Indian FMCG Sector	10.05.2025	09.06.2025
22	Faculty of Commerce & Management (Management)	Vijeta Anand	A Study On The Dimesions Of Online Shopping Behaviour And Online Retail Brand Selection: An Impirical Study	10.05.2025	09.06.2025
23	Faculty of Commerce & Management (Management)	Deepti Sinha	Exploring the Challenges Involved in Recruitment in Life Insurance Sector with Special Reference to Bharti Axa Life Insurance Company Ltd.	19.06.2025	25.06.2025
24	Faculty of Commerce & Management (Management)	Bipin Bihari	A Critical Study on the Role of Women Agripreneurs in the Economic Development of Jharkhand: A Case Study of Selected Districts of Jharkhand	19.06.2025	25.06.2025

Our Research Scholars have published large number of Research Papers in UGC approved Research Journals. Also, they have participated in National/International Seminar/ Symposia / Conferences and have presented Research Papers from their work(s).

Research Department organized Course work examinations for Ph.D. Scholars which was held on 14.09.2025.

During the period under report, the following topic(s) were approved for Doctoral Research work by our scholars in different subject fields (Table 2).

Table 2 : Approved Research topics for Research Scholars (July 2024-June 2025)

Sl. No.	Research Scholar	Faculty & Subject	Date of Registration	Supervisor(s)	Research Topic
1	Madhuri Kumari	Faculty of Commerce & Management (Commerce)	12.08.24	Dr. Ashfaque Alam	Human Resource Management Practices in Steel Industry: A Comparative Study of Jindal Steel & Power Limited and Bokaro Steel Plant
2	Archana Kumari	Faculty of Agricultural Sciences (Agriculture)	16.09.24	Dr. R.P.Singh Ratan & Dr. Ashok Kumar	Effects of Graded Levels of Fertilizers and Irrigation on Bio-Fortified Wheat (Triticum Aestivum L.) Variety (DBW-187) in Rice-Wheat Cropping System in Jharkhand
3	Kajari Roy	Faculty of Agricultural Sciences (Microbiology)	17.09.24	Dr. R.P.Singh Ratan & Prof. (Dr.) Nandan Bhattacharyya	Characterization of Bacterial Strain(s) from Sponge Iron Industry Soil Samples: Exploring Potential Beneficial Applications
4	Lily Sinha	Faculty of Agricultural Sciences (Agriculture)	17.09.24	Dr. Neeta S Kerketta & Dr. Ajit Kumar Jha & Dr. Bhavana Patnayakuni	Studies on maydis leaf blight of maize (Zea mays L.) and its management
5	Saraswati Kumari	Faculty of Agricultural Sciences (Botany)	17.09.24	Dr. R.P.Singh Ratan & Dr. Ajit Kumar Jha & Dr. Bhavana Patnayakuni	Collection, Identification and Nutritional profiling of wild edible, medicinal and popular cultivable mushrooms of Jharkhand
6	Durga Ghosh	Faculty of Commerce & Management (Management)	22.10.24	Dr. Harmeet Kaur	A study on HR Practices and Organizational Citizenship Behaviour in Education Sector - A comparative study of Private & Government Universities in Ranchi
7	Ruchi Singh	Faculty of Commerce & Management (Management)	22.10.24	Dr. Anusha Priya	Impact of Artificial Intelligence on HRM Practices in Banking Sector.
8	Shrabani Rakha	Faculty of Commerce & Management (Management)	22.10.24	Dr. Abhishek Pratap	Influence of social media on buying behaviour of youth of Dhanbad region with special reference to purchase of electronic goods.

9	Shreya Gupta	Faculty of Agricultural Sciences (Botany)	26.11.24	Dr. Neeta S Kerketta & Dr. Sanjeeb Kumar Das	Documentation of Ethnomedicinal Plants used by the Tribal Communities in Bokaro District of Jharkhand
10	Ranita Maji	Faculty of Agricultural Sciences (Microbiology)	26.11.24	Dr. Neeta S Kerketta & Prof. (Dr.) Nandan Bhattacharyya	Bioremediation Potential of Heavy Metal Resistant Bacteria from Industrial Belt of Haldia, West Bengal
11	Md Gauhar Hasnain	Faculty of Commerce & Management (Management)	24.02.25	Dr. Khaleda Rehman	Impact of Digital Marketing on Consumer Buying Behaviour with Special Reference to Patna

Submission of Projects for Funding

The following Research Projects were submitted by Faculty Members for Funding from External sources for consideration (Table 3).

Table 3: Project proposals for funding from external sources

Name of the Scheme/Project/ Endowments/ Chairs	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/ Non-Government)	Deptt.	Year of Award	Funds provided (INR in lakhs)	Duration of the project
"Technology Demonstration and Dissemination on Pre-harvest & Postharvest Techniques and Processing of Horticultural Crops"	Dr. Neeraj (Principal Investigator)	National Horticulture Mission(NHM), Ranchi	Government	Agriculture	2022 onwards	25 Lakhs	Two Year
Climate-resilient Agro-Practices of Traditional Millets and Pulses in Tribal Farming Systems of Jharkhand for Food and Nutrition Security based on Selected Health Indicators-An Exploratory Study	Sushma Priya (Principal Investigator)	Tribal Research Institute(TRI), Ranchi	Government	Agriculture	2022 onwards	10 Lakhs	One Year
Technology Dissemination Through Front Line Demonstration/ Front Line Demonstration. Title " Demonstration of underutilized leafy vegetables in Jharkhand"	Dr. Neeta S Kerketta (PI) Dr. Neeraj (Co-PI) Ms. Sushma Priya (Co-PI)	Govt. of Jharkhand/ Govt. of India (NHM)	Government	Horticulture	2022 onwards	15 Lakh	Three Year

PRESS COVERAGE

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युवाओं से उम्मीद है, भारत को विकसित कर गौरवान्वित करेंगे : राज्यपाल

झारखंड राय विश्वविद्यालय का पांचवा दीक्षांत, 393 को मिली डिग्री, 10 को गोल्ड मेडल एवं 1 को चांसलर मेडल प्रदान किया गया

प्रतः आवाज

रांची। भारत को 2047 तक कई क्षेत्रों में आत्मनिर्भर बनाना है हमें युवाओं से उम्मीद है कि भारत को विकसित कर गौरवान्वित करेंगे। आज भारत राष्ट्रीय विज्ञान दिवस मना रहा है। यह हमलों के लिए खुशी की बात है कि आज ही के दिन झारखण्ड राय यूनिवर्सिटी अपना पांचवा दीक्षांत समारोह मना रहा है। आज का दिन डिग्री लेने वाले सभी छात्र छात्राओं को हृदय से बधाई देता है और उन्हें विकसित भारत के लिए आधार मानते हुए कड़ी मेहनत करने का आह्वान करता है। उक्त बातें शुक्रवार को राज्यपाल संतोष कुमार गंगवार ने झारखण्ड राय विश्वविद्यालय के पांचवे दीक्षांत समारोह को संबोधित करते हुए कही। राज्यपाल ने छात्रों से कहा कि जीवन में मार्ग ढूँढ़ना है मजल तलाशनी है उपाधि केवल पुरस्कार नहीं बल्कि नयी शुरुवात है आपको समाज राज्य एवं राष्ट्र को बहुत कुछ देना है और इसके



राज्यपाल ने शक्ति सूत्र :108 सूत्र किताब का किया लोकार्पण

दीक्षांत समारोह में महामहिम राज्यपाल ने शक्ति सूत्र :108 सूत्र किताब का लोकार्पण भी किया। किताब की लेखक झारखंड राय विश्वविद्यालय की चांसलर डॉ० हस्वीन अरोड़ा राय हैं। पुस्तक में शक्ति के 108 रूपों एवं सूत्रों का वर्णन किया गया है।

दीक्षांत समारोह में देश विदेश की नामी हस्तियां हुई शामिल

झारखंड राय विश्वविद्यालय, रांची के पांचवे दीक्षांत समारोह में देश विदेश की कई प्रसिद्ध हस्तियां उपस्थित रही। कार्यक्रम में विशिष्ट अतिथि के तौर पर कोस्टारिका के पूर्व उप राष्ट्रपति एच डी एमसी कैम्पबेल बरर, आईवरी कोस्ट के पूर्व मंत्री एच डी डब्ल्यू फगसी याओ, पूर्व केंद्रीय मंत्री एवं पूर्व सांसद अर्जुन मुंडा, काइनेटिक इंजीनियरिंग लिमिटेड के वाइस चेयरमैन सुलाजा फिरोजिया मोटवाणी, पावर्टी एजुकेशन फाउंडेशन मलेशिया के चेयरमैन डा. हाजी जैलन अविदीन हजी सकोम, उपस्थित थे। दीक्षांत समारोह में देश विदेश की कई गणमान्य हस्तियों के अलावा राज्य के कई विश्वविद्यालयों के कुलपति, कुलसचिव, बुद्धिजीवी एवं समाजसेवी उपस्थित थे।

10 को गोल्ड मेडल 1 को चांसलर मेडल, 23 शोध छात्रों को मिली पीएचडी की उपाधि

झारखंड राय विश्वविद्यालय, रांची के पांचवा दीक्षांत समारोह 28 फरवरी शुक्रवार को नामकुम परिसर में आयोजित हुआ। पांचवे दीक्षांत समारोह में कुल 393 विद्यार्थियों को डिग्री प्रदान की गयी। महामहिम संतोष कुमार गंगवार ने 10 विद्यार्थियों को गोल्ड मेडल जबकि 1 को चांसलर मेडल प्रदान किया। दीक्षांत समारोह में स्नातकोत्तर विषय के 122 विद्यार्थी, स्नातक के 184, डिप्लोमा पाठ्यक्रम के 87 छात्र शामिल हैं। इसके अलावे 23 शोध छात्रों को पीएचडी एवं 3 को एमटेक इन रिसर्च की डिग्री प्रदान की जाएगी।

शक्ति एवं पांचवी शक्ति है श्रम की। इन सारी शक्तियों को जोड़ने का कार्य नावी शक्ति करती है। झारखंड राय विश्वविद्यालय की कुलपति प्रो० (डॉ०) सविता सेंगर ने विश्वविद्यालय की उपलब्धियों की चर्चा करते हुए कहा कि किसी भी राष्ट्र को दिशा देने में विश्वविद्यालय महत्वपूर्ण भूमिका निभाते हैं। अगर विश्वविद्यालय जीवंत और गुंजायमान होंगे तो हमारा राष्ट्र और सभ्यता भी जीवंत होगा। वर्ष 2023-24 की उपलब्धियों की

उपलब्धि हासिल कर रहा है जिसकी सराहना केंद्रीय शिक्षा मंत्रालय ने भी की है। विश्वविद्यालय को वर्चुअल लैब उपयोगिता को बढ़ावा देने के लिए वर्ष 2024 में राज्य में दूसरा स्थान प्राप्त हुआ है। राष्ट्रीय शिक्षा नीति के प्रावधानों एवं निदेशों का अनुपालन भी विश्वविद्यालय त्वरित गति से कर रहा है। आउट कम वेस्ट एजुकेशन, एकेडमिक बैंक ऑफ क्रेडिट, डिजिटल कार्ड की सुविधा इसी दिशा में उठाये गए महत्वपूर्ण कदम हैं।

झारखंड राय यूनिवर्सिटी (जेआरयू) के दीक्षांत समारोह में बोले राज्यपाल छात्र देश की उम्मीद और भविष्य

रांची। झारखंड राय यूनिवर्सिटी (जेआरयू) में शुक्रवार को 5वां दीक्षांत समारोह का आयोजन किया गया। दीक्षांत समारोह में राज्यपाल संतोष कुमार गंगवार वीर मुख अतिथि उपस्थित रहे। उन्होंने 393 विद्यार्थियों को डिग्री प्रदान की, जिनमें 122 स्नातकोत्तर और 184 स्नातक शामिल हैं। मौके पर राज्यपाल ने विद्यार्थियों, अध्यापकों और शिक्षकों को बधाई दी और इस अवसर को अत्यंत गौरवपूर्ण बताया।



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युवा भारत को विकसित कर गौरवान्वित करेंगे: गवर्नर

रांची/नामकुम, हिटी। झारखंड राय विश्वविद्यालय का 5वां दीक्षांत समारोह शुक्रवार को आयोजित किया गया। कार्यक्रम में वीर मुख अतिथि राज्यपाल संतोष कुमार गंगवार ने कहा कि भारत को 2047 तक कई क्षेत्रों में आत्मनिर्भर बनाना है, हमें युवाओं से उम्मीद है कि वे भारत को विकसित कर गौरवान्वित करेंगे।

कहा, आज भारत राष्ट्रीय विज्ञान दिवस मना रहा है। यह हमलों के लिए खुशी की बात है कि आज ही के दिन झारखंड राय यूनिवर्सिटी अपना 5वां दीक्षांत समारोह मना रहा है। उन्होंने छात्रों से कहा कि जीवन में मार्ग ढूँढ़नी है, मजल तलाशनी है, उपाधि केवल पुरस्कार नहीं, बल्कि नयी शुरुवात है। आपको समाज राज्य एवं राष्ट्र को बहुत कुछ देना है और इसके लिए कड़ी मेहनत करनी होगी।



विशिष्ट अतिथि पूर्व केंद्रीय मंत्री अर्जुन मुंडा ने कहा दीक्षांत विद्यार्थियों को उपलब्धि और उर्जा प्रदान करता है। प्रधानमंत्री नरेंद्र मोदी द्वारा वर्ष 2020 में राष्ट्रीय शिक्षा नीति-2020 का पञ्चक और सरकार का अर्थ आने का दिशा

नीति के तहत उपकरण समझे आया। विश्वविद्यालय की चांसलर डॉ० हस्वीन अरोड़ा राय और कुलपति प्रो० डॉ० सविता सेंगर ने विश्वविद्यालय की उपलब्धियों की चर्चा करते हुए कहा कि किसी भी राष्ट्र को दिशा देने में विश्वविद्यालय महत्वपूर्ण भूमिका निभाते हैं। अगर विश्वविद्यालय जीवंत और गुंजायमान होंगे तो हमारा राष्ट्र और सभ्यता भी जीवंत होगा। वर्ष 2023-24 की उपलब्धियों की

उपलब्धि हासिल कर रहा है जिसकी सराहना केंद्रीय शिक्षा मंत्रालय ने भी की है। विश्वविद्यालय को वर्चुअल लैब उपयोगिता को बढ़ावा देने के लिए वर्ष 2024 में राज्य में दूसरा स्थान प्राप्त हुआ है। राष्ट्रीय शिक्षा नीति के प्रावधानों एवं निदेशों का अनुपालन भी विश्वविद्यालय त्वरित गति से कर रहा है। आउट कम वेस्ट एजुकेशन, एकेडमिक बैंक ऑफ क्रेडिट, डिजिटल कार्ड की सुविधा इसी दिशा में उठाये गए महत्वपूर्ण कदम हैं।

विद्यार्थियों को डिग्री प्रदान की गई। राज्यपाल संतोष कुमार गंगवार ने 10 विद्यार्थियों को गोल्ड मेडल और एक को चांसलर मेडल प्रदान किया। इसमें स्नातकोत्तर के 122 विद्यार्थी, स्नातक के 184, डिप्लोमा पाठ्यक्रम के 87 छात्र शामिल हैं। इसके अलावे 23 शोध छात्रों को पीएचडी और 3 को एमटेक इन रिसर्च की डिग्री प्रदान की जाएगी।

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