Connect



"JRU Campus Connect" is a half yearly newsletter published by Jharkhand Rai University (JRU) to showcase all the happenings in thé campus.

FDITOR'S DESK

It gives me immense pleasure to present the first issue of our newsletter "JRU Campus Connect". This newsletter is not only meant to showcase the activities happening in the campus but also as a platform for the students where they can display their talent and prowess.

It is our goal that the Newsletter be an easily accessible vehicle for communicating ideas and information on aspects that are relevant to our readers.

The aim of "JRU Campus Connect" is to keep you updated of any current activities and events in Jharkhand Rai University and hope that the forthcoming issues shall be a compilation of even more enriching thoughts and ideas.

We invite all enthusiasts to be a part of the team. We also invite faculty members to actively participate through articles and suggestions.

Once again, I encourage you to send material for the next issue of our Newsletter.

Hope you have as much fun reading it, as we had writing it!

Good Wishes,

Prof. Sanjeev Srivastava, Editor.

MESSAGE FROM T VICE CHANCELLO

The concept of defining, providing or imparting education has been continuously changing. We at Jharkhand Rai University (JRU) make continuous endeavors to redefine education so that it attains solidity within a multidimensional framework that is more practical, beneficial and result oriented. We believe in emphasizing on holistic education and over all growth and development of an individual in relation to the changing needs of the society.

We understand our responsibility towards the state of Jharkhand and therefore continuously keep working on to programs that can make higher education accessible to all irrespective of caste, color or creed. Our aim is to foster budding professionals so that they blossom into rich, skilled and talented resource pool not only for the state but for the nation as well.

It is only well nurtured, dynamic and dashing individuals armed with confidence, knowledge and skill, who can stand the tough market competition.



To promote the application of modern agricultural technology through entrepreneurship development and to facilitate the farmers of the state to use the technology at the best in farming, JRU has also started a four years B.Sc (Agriculture) course.

"JRU Campus Connect" is a platform that would help not only the academicians but also the students to broaden. their vision and enhance their skills. We however look forward to your valuable feedback and constructive suggestions that would help us in our journey towards excellence.

Warm Regards

Dr. Savita Sengar, Vice Chancellor.



PAGE Editor's Desk & Message from the Vice Chancellor	PAGE 2 Index & Editorial Board
PAGE 3-5 Workshops	PAGE 6,7 Guest Lecture
PAGE 8,9 Industry Visit	PAGE 9-11 Academic Events
PAGE 12 Cultural Events	PAGE 13 Educational Tours
PAGE 16,17 Sports	PAGE 18 CMC
PAGE 19 Faculty Corner PAGE	PAGE 20-22 Faculty Achievements
23-27 Toppers' List (End Term Exam, 2015)	PAGE 28 Students Speak

Editorial Board:

Editor - in - Chief : Dr. Piyush Ranjan **Editor :** Prof. Sanjeev Srivastava

Associate Editors: 1. Prof. Trisha, Faculty of Commerce & Management.

Prof. Niti Kunwar, Faculty of Commerce & Management.
 Prof. Roshan Kumar, Faculty of Commerce & Management.
 Prof. Sumit Pandey, Faculty of Science & Engineering.
 Prof. Abinash Barnwal, Faculty of Science & Engineering.
 Prof. Swati Kumari, Faculty of Computer Science & IT.

Designer: Soumik Mitra **Production:** Arindip Diwan

Printed at : Kailash Conversion Pvt. Ltd., Ranchi.

Workshop to make Students Industry-ready

The Faculty of Commerce and Management, Jharkhand Rai University(JRU) conducted a Workshop on Employability Skills for the passing out batch of the department. The objective behind the workshop was to enhance basic skills and to develop competency in their area of specialization with an aim to make the students industry-ready. The workshop comprised of four modules. The modules stretched over the months of Jan and Feb, 2016. All the modules covered various topics related to employability skills.

The first module titled 'Gateway to Future' was the introductory one where the students were apprised of employability and employers' perceptions of the skills required for fetching a good job. The students were also given inputs about job opportunities in respective areas viz. Marketing, HR and Finance. The second module was 'Resume Development' in which the students were taught how to develop an eye catching Resume. They were taught about the differences between Bio-data, Curriculum Vitae and Resume. The students learnt the utility of saving Resume on their mail id. They were guided about the way to prepare a covering letter that is to be attached with a resume. The third module of the workshop titled 'Progression Opportunity' was fully a practical learning module. In this module, the students actively participated in realistic activities such as Group Discussion, Presentation, telephonic conversation skill, Interview, Case Studies in Marketing, HR and Finance followed



by electronic presentations. Video chats/clips on Problem solving skills and Negotiation skills were shown to the students. The outcome of learning was shared among the students in a Question-Answer session. The fourth and last module of the workshop was 'Computer Related skills' where the students learnt net surfing tips and tricks. They learnt how to apply for a job online. They were made aware of data interpretation skills and tips to make an effective power point presentation.

Overall, the workshop covered a range of personal skill traits that equip students for a productive professional career. Things were delivered through fun and lighter activities that is bound to enhance communication skills, risk taking ability, working with co-members of a team and creative problem solving skills etc. Students got a strategic insight for their upcoming career. To conclude, the participants of the workshop were imbibed with various employability proficiency values.

"All power is within you, you can do anything and everything"

- Swami Vivekananda

Be an **Entrepreneur**

The Management club of JRU organized a "Be an Entrepreneur" event in two phases on 6th and 12th of Feb'16 respectively. In the 1st phase, the students had to set up a business model and in the concluding second phase, the students had to deliver a presentation and take a viva-voce test on how they had run their business venture. It was an outdoor event where several groups of students moved to different locations in and around the city of Ranchi to set up a business for a day. About 70 students from the Faculty of Commerce & Management took part in the event. The objective of the event was to assist the students learn the business functions where the young entrepreneurs take on financial risk in the anticipation of earning profit. During the event, the students used various techniques to set up their business. The students had to constitute groups of five members. Each team was given an investment capital in the range of Rs. 500 to Rs. 1000. They were allotted 24 hours to execute their task. Many teams came up with brilliant ideas which proved that the classroom learning had been effectively utilized by the students for the event.

In the inaugural phase, the students spent the whole day selling their products. The teams sold products like some edible items, handmade flowers, jute bags, puja materials, juice etc. The event showed the budding entrepreneurs, a path that leads to success in the field of entrepreneurship. In the concluding phase, the students delivered a PowerPoint Presentation along with viva for the evaluation where the students explained full details of their business venture. Each team was evaluated on three parameters: Return on Investment, Creativity/Innovation and Entrepreneurship Skills.

The winners of the event were selected from MBA and BBA streams separately. From MBA, Faiyyaz & group emerged as winner and the 2nd position was bagged by Vikash & group. From BBA, the team which held the 1st place was Siddhant & group. Parwati Kumari & group became runners up. "Be an Entrepreneur" proved to be a learning experience for the students of management stream to get the basic understanding of doing any business by incorporating the Entrepreneur skills through innovation, idea and thought.

WORKSHOP ON DESIGNING OF FORMULA RACING CAR



The workshop on 'Designing of Formula Racing Car' was organized by Science Club of Jharkhand Rai University, Ranchi in association with Wingfotech New Delhi and IIT Madras for the students of Mechanical Engineering. The workshop comprised of multiple sessions that covered several issues such as history of formula one car, category of formula one, basic structure of formula style racing car, speed, its capacity, RPM of motor, efficiency of motor, basic design on Aerodynamic structure of car way, Track Break, Turning radius, Indicated power, pitch, fuel efficiency, development of chassis and types of chassis. Through pictorial representation, students were made aware of the types of chassis, formula car driver setting angle, peddle setup, engine compartment etc. Then, there was a separate session on designing of formula one car at a computer through Solid Work design software. Students became familiar with the software tools and then learnt the designing of external structure / model of formula one car. At the end of the session, a task was given to each team and on the basis of performance; top sixteen students were shortlisted for the National Level Championship and Grand Finale at IIT Madras.

"Failure is the opportunity to begin again more intelligently"

- Henry Ford

WORKSHOP ON ETHICAL HACKING

A two-day workshop on 'ETHICAL HACKING' was organized by the Faculty of Computer Science & Information Technology at JRU on 11th-12th March, 2016. The workshop was conducted in association with Wingfotech and Indian Institute of Technology, Madras. Many students from various Colleges/Universities such as JRU, SMU, St. Xavier's College, Ranchi Women's College, Nirmala College, Yogoda Satsanga Mahavidyalaya, etc. participated in the workshop.

All the students were very enthusiastic and appreciated the workshop. They learnt about Python programming, Ethical Hacking, Facebook hacking, IP Address, Web Browser Securities, SQL Injection, Phishing, Trojans, Worms, viruses etc. The top 20 qualifying students participated in Grand Finale conducted at IIT, Madras. The workshop was coordinated by Prof. Anupama Verma, Prof. Swati Kumari and Prof. Sudhanshu Maurya.



SCIENCE EXHIBITION



Adding a new feather in the cap of B.Sc Agriculture students of JRU, a Science exhibition was organized in the campus on 12th of March 2016. Five models were presented in the exhibition. The themes were Organic farming, Drip irrigation, Agricultural credit system, Environmental conservation and Replantation of Trees. The Model of Environmental conservation got the first rank. The Event was judged by the senior scientists Dr.Y. N. Pathak and Dr Sudarsan Maurya.

A clear thinking, innovative approach and dedication towards the environment as well as towards the farmers were clearly reflected in the exhibits. For their efforts and dedication, the would-be scientists won the appraisal and appreciation from all corners.

"SHAPE YOUR CAREER IN IT": A Valuable lecture

On 14th March 2016, the students of Faculty of Computer Science & IT had the privilege of having an interactive session with Mr. Rajat Kumar, Database Consultant, IPE Global on the topic "Shape your Career in IT Industry". Mr. Kumar has more than twelve years of experience in Software Development using Microsoft Technologies, more than 6 years of experience in Database Design and more than 3 years of experience in managing e-Governance projects. He started the lecture session by throwing general questions related to Information Technology. He gave the key Mantra to grab a job opportunity. Mr. Kumar discussed about various career opportunities the students can opt for, after the completion of their respective courses. He drew the attention of the students about numerous career options in IT such as Software Developer, Programmer, Web Designer, Web Developer, Troubleshooter, System Analyst, Software Application Architect, Software Consultant, Hardware Engineer, Technical Writer, System Developer, Bid Consultant, Delivery Manager and many more. Earlier the students were hardly aware of such openings. He also threw light on the job opportunities in the field of DBMS, E-Commerce, Embedded Technologies, Networking, Design Support, System Maintenance, Software Development Company, Technical Support, Security & Surveillance. It was an enlightening session as Mr. Kumar shared real life experiences with the future IT professionals. He also discussed the significance of learning various programming languages like C, HTML 5, JavaScript, Bootstrap, Angular JS, etc. He advised the students to possess good interpersonal skill as an additional excellence to win the hearts of many. About one hundred students of Computer Science stream attended the lecture session. It proved to be a learning platform for the students where the IT expert Mr. Kumar answered all the queries put up by the students upto their satisfaction.

Lecture on Cyber Security

The Faculty of Computer Science and Information Technology organized a guest lecture on "Cyber Security" on Feb 6th, Saturday 2016. The lecture was delivered by Mr. Niranjan Kushwaha, Data Center Administrator cum Network & Security Admin, JAP-IT, Govt. of Jharkhand. Many students of BCA, MCA, Diploma (Computer science) and B.tech (Computer science) attended the lecture. In the lecture session, students came to know about the different levels of security, security breaches and the ways to secure themselves from threats. They learnt about phishing, key logging and other hacking techniques. Use of OTP (One Time Password), benefits of using OTP and OTP generation were also discussed.



PNB METLIFE interacts with students

In order to brush up the Employability skills of the students, a workshop was conducted on Feb 27, 2016 in which more than 100 final year students of management stream got an opportunity to interact with Mr. Sugata Sarkar, Senior Regional Training Manager Sales Training, PNB MetLife. He was accompanied with Ms. Ghazla Yasmin, Manager - Sales Training (Agency Sales), PNB MetLife. The objective of the workshop was to make the students aware about financial planning, its procedure and significance. He described about cash flow and budgeting with limited income. It was a practical session to teach the students about the ways of controlling cash flow within an organization. Mr. Sarkar conducted a brainstorming session by discussing a case study on 'Vijay Dinanath Chauhan'. He shared his hand-on experience on various glossaries of financial planning. He made the session interactive by showing a video on 'One Idiot'. He played a keyword game related to financial terms with the students. Mr. Sarkar shared real life experiences too. Students actively participated in the workshop to develop and articulate their employability skills as well as to improve their understanding on gradually changing work environment.



LECTURE ON DISASTER MANAGEMENT SYSTEM



JRU Science Club conducted a Guest Lecture on "Incident Command System for Disaster Management" on 28th Jan 2016. Col. (Dr.) Rajesh Kumar from Indian Army addressed the session attended by the students of Dept. of Science and Engg. The aim was to make students aware about the several aspects of response system towards any sort of Disaster (Natural or Man-made). With instances of several case studies and data, Col. (Dr.) Rajesh Kumar elaborated the ways for quick response towards post-disaster management activities which involved not only technical knowledge but attributes like team work, coordination and communication. Students enjoyed one to one interaction with Col. (Dr.) Kumar. Chief Coordinator Prof. Vikas Sinha and Coordinator Prof. Dheeraj Pandey extended the vote of thanks to Col. (Dr.) Kumar on this occasion.

"Some people come in our life as blessings, some people come in our life as lessons"

Mother Teresa

INDUSTRIAL VISIT TO BIG BAZAAR

The Faculty of Commerce & Management, JRU organized an Industrial visit for its final year MBA students to Big Bazaar on Feb 15th, 2016. Around 27 students of MBA 4th semester visited Big Bazaar to garner practical exposure of Retail Operation. The Store manager Mr. Vikrant Ravi apprised the students with the practical understanding of retail operation. Students became familiar with various facets of retail operation such as Buying process, Sales & Marketing, HR & Financial movement. Student also got insights into the world of Visual Merchandising, different types of signage and fixture. Student assimilated the practical know how of operation of big retail houses by means of departmentalization & category management.



Management Students Participated in **PROMOTIONAL CAMPAIGN**

BIG BAZAAR organizes 'Sabse Saste Din' mega offer every year from 22nd Jan to 26th January as a part of promotional campaign. It fulfills the need of household items, fashion goods, food items, electronics, mobile and many more products for a larger share of urban population. The students of BBA 4th semester from the Faculty of Commerce and Management participated in this promotional campaign this year to gain insight and get practical exposure of the operation of the retail outlets. Around ten students who worked rigorously from 22nd Jan to 26th Jan right from 11a.m till 8 p.m. The Store Manager, Big Bazaar Mr. Vikrant Ravi placed the students in different sections for assisting respective sales teams. The students learnt about various types of sales promotion tools, selling techniques, basics of store operation, placing of the items in a way so that products can grab the attention of the customers. The students also got an opportunity to interact with various customers that actually helped them to enhance their communication skills and power to convince. The students came to know about category management of big retail houses. They were given certificates for their meticulous and excellent performance.

Diploma students visit MSME TOOL ROOM, RANCHI

The Faculty of Science and Engineering, JRU organized an industrial visit for the students of 6th Semester of Diploma in Engineering (Mechanical) on March 1st and 2nd, 2016 at MSME Tool Room, Tatisilwai, Ranchi. The objective of this industrial visit was to help the students to gain information regarding functioning of different machines of the manufacturing industry. During this visit, the students were shown all the conventional and modern machines as Lathe, Milling, Drilling, Shaping machine, CNC machine, CMM, Injection Moulding machines etc. Students were exposed to latest design and manufacturing software. The students were accompanied by Prof. Bhim Kumar and Prof. Kislay Singh of Mechanical Engineering Department of JRU.



ACADEMIC EVENTS

Launch of Journalism and Mass Communication course at JRU in presence of eminent personalities from media



Mr. Anuj Sinha, State Head (Editorial) - Prabhat Khabar giving a talk during the Launch of Bachelor in Journalism & Mass communication.

JRU organized a panel discussion on the topic "Journalism in Jharkhand: Opportunities & Challenges" in which the Vice Chancellor Dr. Savita Sengar, Registrar Mr. Cherian Jacob, Dean (Academics) Dr. Piyush Ranjan, Dean (Admission) Mrs. Shiny T. C., Mr. Anuj Kr. Sinha, State Head (Editorial) - Prabhat Khabar; Mr. Amar Kant, Resident Editor, Dainik Bhaskar; Mr. Shayam Kishore Choubey, Bureau Chief, Dainik Jagran and Mr. Chandan Kumar, Bureau Chief, Hindustan; participated as panelists in the discussion on March 10th 2016. During the discussion the Vice Chancellor highlighted the need, relevance and popularity of Print Media among the people in spite of high influence of various TV Channels. She also launched Bachelor in Journalism & Mass Communication (Hindi) Course where the main focus would be on the quality of Hindi Journalism.

JRU studentsbring laurels



Four students of MBA final year at JRU - Vikash Sharma, Faiyaz Ahmed, Irshad Ansari and Neha Mehta - bagged third prize in an Inter Business School Event "Conundrum-2016", organized by the Department of Management, Birla Institute of Technology, Mesra on Feb 10th, 2016. The motive of this management event was to bring together the visionary leaders of various Colleges and Universities and to practice the incorporation of business logics into labeling, communicating and handling events. The event included various inventive events like Treasure hunt, Adz Mania, Theatre De Rue, Anatomizing Minds and Make me buy. All the rounds were knock-out ones.

The event commenced with 'Adz Mania'. Here the participants were judged on the basis of their knowledge on recent advertisements through quiz of Logos, Taglines and Videos. The event continued with 'Treasure Hunt' where all the teams were given few questions to solve considering current market scenario. Then they clicked the selfie of the team and presented it to the panel of judges. 'Theatre de rue' was the next event in which all the selected teams got themes and props to do role plays. Next was the 'Anatomizing minds' round in which teams got a case study to solve and present it before the audience. Final round was 'Make Me Buy' round in which teams had to earn money by selling their services and entertaining the people around without investing a single penny. The students of Jharkhand Rai University gave a close competition to many Colleges and Universities like BIT Mesra, BIT-Extension, Kejriwal Institute of Management and Development Studies, ISM-Pundag. Five Teams from MBA and BBA of JRU participated enthusiastically and left an impression.

AD-MAD Show: Write your ad script



Advertisement/Marketing is the lifeline of any modern business. Hence, to underline the importance of this business aspect, JRU organized a unique kind of AD-MAD show which offered a plethora of learning to the participants. A total of 12 teams of management students performed to sharpen their innovative and managerial skills as upcoming young entrepreneurs. The objective of the show was to acquaint the students with promotional strategies in marketing through advertisements.

The show included humorous & conceptual Ad presentation by the students. The students acted out on various advertisement scripts and ideas relevant to different sectors. Few notable themes on which students performed were: 'Selling Sweater in summer', 'Multi-Talent Paste', 'Black Beauty Cream', 'Women Protection Apps' and many more. The teams that bagged the first, second and third prize carried the themes: 'Selling sweater in summer' followed by 'Black Beauty Cream' and 'Hiring a Servant without Verification could be Dangerous' respectively. The show had an over whelming response by the audience who were amazed to see the performances of the budding entrepreneurs.

The energy, enthusiasm, preparation, impromptu, commitment and dedication of the students were breath-taking for all the people present during the whole event. The zeal that showed readiness of the students gave a clear indication that the students were well prepared to take up any challenge in life on their own. At last, all the performers were felicitated.

BIZQUIZ 2016: Druckers the Champions

Jharkhand Rai University organized 'Business Quiz' on March 12th, 2016 for the students of management stream of all the semesters. Based on the screening round, 12 students were shortlisted and they formed teams of two each. Thus, there were six teams for the Quiz. The teams were named after the names of famous personalities from the field of Business and Management. They were Kotlers, Fayols, Robbins, Follets, Taylors and Druckers team. The quiz competition comprised of four rounds: Current Affairs, Logo & Punch line, Identifying the images and the Buzzer Round.



In the Current Affairs round, three Questions were asked from each team. In the 2nd Round, each team had to guess the logo and punch line of some or other products. In the third Round, the participants had to identify the images of the famous business celebrities. There was a neck to neck fight among the teams. The winner of the Biz Quiz was Druckers team. Follets and Taylors secured the positions of 1st and 2nd runners up respectively. Biz-Quiz 2016 was a grand success because of the efforts put in by the members of the Management Club.

JRU observes MATRIBHASHA DIWAS



The UNESCO observes 21st February every year as 'International Mother Language Day' to promote and disseminate mother tongues and to create awareness about the linguistic and cultural traditions across the globe and to inspire solidarity based on understanding and dialogue. As per the directive of the Ministry of Human Resource Development, Govt. of India, JRU observed the day with the objective of sensitizing people to impart communication skills and proficiency in their mother tongue. The main purpose of this auspicious day was to create awareness among the people for promoting the use of mother tongue and other Indian languages.

Student devotees bow to deity of knowledge



Saraswati puja was celebrated at Jharkhand Rai University on February 12th, 2016. Goddess Saraswati, the deity of knowledge, learning and music, was worshipped in the university premises. Students offered flowers, and participated in various cultural programmes. The puja started in the morning and concluded in the afternoon with priest chanting mantras and devotees placing seasonal 'Palash' flowers at the deity's feet to the ringing sounds of cymbals and conch shells.

This is an propitious day for the students. They abstain from reading and writing on this day only as a mark of respect for the goddess. Notwithstanding this austere observance, students enjoy this festival with great pleasure. The function has a deep educative value. Students learn to be spiritual in their life. They also learn the value of co-operation, amity and leadership.

JRU celebrates R – Day to honour the date



Jharkhand Rai University celebrated India's 67th Republic Day in the campus with great pomp and show. Registrar - Mr. Cherian Jacob, Deputy Registrar - Mr. Vijay K Singh, Dean (Academics) - Dr. Piyush Ranjan and Coordinators of all the Courses, Faculty members, Staff members and the Students of JRU were present on the occasion. All gathered to pay respect to the red letter day of Indian History. The Registrar Mr. Jacob hoisted the National Flag at 9.30 A.M. and everyone sang the National Anthem in chorus. The event continued with various cultural programmes such as Patriotic songs, cultural dance etc. The Students learnt the importance of the day by remembering our freedom fighters who strived hard to make India a Republic state and took a pledge to serve mother nation by making India proud with their contribution worldwide.

Educational tour to ICAR RESEARCH COMPLEX



As an educational tour, students of B.Sc Agriculture (2nd sem) visited ICAR research Complex for Eastern region, Palandu on 6th and 18th April, 2016. The tour was very informative and fruitful. Students were acquainted with various crops of vegetables and fruits and their respective varieties. They practised various

methods of budding and grafting under the guidance of the technical advisor. They also learnt modern methods of irrigation like drip irrigation system. Senior Scientist Dr. Sudarsan Maurya and Dr.Y.N.Pathak delivered lectures for the student visitors.

Excursion trip of B. Sc. (Agriculture)

The Students of B.Sc. Agriculture 2nd Sem, JRU visited Raj Bhawan Gardens. The trip was mainly for the purpose of identification of various seasonal flowers such as Gladiolus, pansy, gazania, blanket flower, holly hock. Also, there were breeds of roses, developed by T-budding. Students also had the privilege of observing a well maintained kitchen garden at Raj Bhawan. Few rare species like clove and rudraksha fascinated the students. Staffs of Raj Bhawan were also very supportive. It was a fruitful educational tour.



About Jharkhand Rai University

Jharkhand Rai University (JRU) has been established under "Jharkhand Rai University Act, 2011" by Jharkhand State Legislature. Our aim is to create a knowledge pool for the state of Jharkhand by serving the needs of diverse communities. Jharkhand Rai University continuously strives to provide the highest quality of education to its students through dynamic research, rigorous training and efficient mentors. Jharkhand Rai University offers Diploma, Undergraduate, Postgraduate degrees and Doctorate in different disciplines.

Located in the serene city of Ranchi, JRU is characterised by a tradition of innovation, novelty and research. We aspire to be a vibrant academic community with a focus on teaching and learning. Our faculty members are unique and exceptional in their own ways. They are experts in their fields and professionals in their own right who bring creativity, ingenuity and resourcefulness into the classrooms. At JRU, they can enjoy diverse opportunities for intellectual, personal and professional growth because we believe in fostering pioneering minds and nurturing intellectuality and individuality. We endeavour to create the best possible learning environment for our students and are committed to the cause of making higher education accessible to all irrespective of caste, colour or creed. We believe education is one of the primary agents of transformation towards development and plays an important role in bringing benefits by developing the skills of the people. We do understand the fact that infrastructure and other basic amenities are integral part of an institution and therefore consistently try to enhance both teaching and learning in an ambience that is not only well designed and well equipped but secure and comfortable as well.













Spectrum of Courses



Postgraduate Programme

Duration: Minimum 3 years

Course : M.Tech (Research)

Eligibility: B.Tech/B.E/MCA or its equivalent.

Faculty of Science & Engineering

Undergraduate Programme

Course : B.Sc Agriculture

Eligibility: 10+2 in Science from any recognised board.

Duration: 4 Years

Courses: B.Tech / B.Tech (Lateral Entry)

[Mechanical, Civil, Electrical, IT & Computer Science]

Eligibility: 10+2 (PCM) / Diploma from any recognised board.

Duration : 4 Years / 3 Years

Course : Diploma in Engineering (Lateral Entry)

[Mechanical, Civil, Electrical & Electronics Engineering & Computer Science]

Eligibility: 10+2 (PCM) or 10+2 (Vocational) or ITI from recognised board.

Duration: 2 Years

Course : Diploma in Mining Engineering

Eligibility: 10+2 in Science from any recognised board.

Duration: 3 Years

Faculty of Computer Science & IT

Undergraduate Programme Po

Courses: BCA

BCA - Cloud Computing &

Mobile Application

Eligibility: 10+2 (PCM) from any recognised

board.

Duration : 3 Years

Postgraduate Programme

Courses : MCA

MCA (Lateral Entry)

Eligibility: Graduation / BCA or its equivalent from

any recognized university.

Duration : 3 years / 2 Years

Faculty of Commerce & Management

Undergraduate Programme

Courses: BBA

B.Com - Banking & Finance

Eligibility : 10+2 from any recognised

board.

Duration: 3 Years

Postgraduate Programme

Course : MBA

Eligibility: Graduation or its equivalent.

Duration : 2 Years

Course : M.Com - Banking & Finance Eligibility : B.Com/BBA/BBM or its equivalent.

Eligibility : B.Com/BBA/BBW or I

Faculty of Journalism & Mass Communication

Undergraduate Programme

Course : Bachelor in Journalism & Mass Communication (BJMC - Hindi)

Eligibility: 10+2 from any recognised board.

Duration: 3 Years

Faculty of Fashion Technology

Undergraduate Programme

Course : Bachelor in Fashion Technology (BFT)

Eligibility: 10+2 from any recognised board.

Duration: 3 Years

Key Highlights

- Sprawling campus in Ranchi. Wi-Fi enabled, well equipped Engineering Labs, Workshops and Computer Labs.
- Separate hostels for boys and girls with all recreational facilities.
- Curriculum based on overall development through professional training and individual mentoring.
- Industrial visits and Guest lectures by eminent speakers from industry and academia.
- Special emphasis on Soft Skills and Extra Curricular activities through events, seminars, social work, etc.
- Free Spoken English classes for all students.

CARROM TOURNAMENT



JRU Sports Club organized "Intra University Carrom Tournament" in which more than thirty teams participated. Padmini & Shamma of Diploma 4th (CSE) were the winners in girls' doubles event while Vivek & Sajid of BBA 4th became boys' doubles champion. Chief Guest Shri Ashok kr. Dey, Secretary, Ranchi District Carrom Association gave away the prizes and promised to give his full support to JRU for sports activities.

'Mining Dynamite' clinches Inter Departmental Volley ball trophy

The JRU Sports Club organized Inter Departmental Volley Ball tournament. Eleven teams representing different academic courses of the University took part in the tournament. It was a week long tournament wherein 'Mining Dynamite' team representing Diploma, Semester III became the champion defeating 'Royal Challengers', Diploma Semester V in the final. The Chief Guest on the final day Mr. Shekhar Bose (Secretary, Jharkhand Volleyball Association & Vice - President, Volleyball Federation of India) distributed the prizes to the winner and runners-up teams.



"Winning means you're willing to go longer, work harder, and give more than anyone else"

- Vince Lombardi

Mechanical -11 Stars wins JRU Premier Cricket League

The Sports Club of the University organized JRU Premier Cricket League during March - April' 16 in which twenty six teams representing various academic courses participated. The tournament spanned almost a month. It commenced on March 8, 2016 and was over by April 4, 2016. Mechanical-Eleven Stars team became the champion. The winner team represented Diploma, Semester IV. The final match was played at OTC ground, Piska More, Ranchi. The Chief Guest on this occasion Mr. Sanjay Ranjan Singh, Superintendent of Police, Jaguar STF and the Guest of Honour Mr. R.K. Singh, Dy. Commandant, Jaguar STF gave away the prizes to the winners.





Few of our Trainers & Recruiters...





















































and many more...

Professional vs. Personal: A Challenge of life



Prof. Amrita Majumdar,Faculty of Commerce & Management

To maintain the proper balance between one's professional life and personal life has become a major challenge in today's scenario which will enable the duties and responsibilities of the employees towards their personal lives as well as towards the organization. As a result it will automatically strengthen the employee loyalty and productivity for a long time.

Various studies have been conducted to understand the modern concept of work-life balance. More than 39 percent of employees worldwide say, that they are unable to maintain their work life balance, according to newly released research from Hay Group, a global management consulting firm. The research, which is updated annually, collects responses from more than 5 million employees in more than 400 companies across 65 countries.

Some of the findings are really shocking. For example, Central America ranks highest in work-life balance, with 70 percent of employees saying their companies support them in achieving a reasonable balance between work and personal life. North America comes second (65 percent), followed by Eastern Asia (63 percent), Latin America and the Caribbean (63 percent), and Southern Asia (62 percent). According to Ma Foi Randstad Workmonitor Survey 2012 - Wave 1, it's a challenge for the employees in India in handling work-life balance. "Technology has increased work efficiency to a large extent, but the downside is that it has also simultaneously created a 24x7 intrusion in the private lives of the employees," Ma Foi Randstad MD and CEO E.Balaji said. A majority of the workforce have Internet connectivity at their workplace. Besides, 70 percent of respondents have smart-phone with e-mail facility. Interestingly, a large proportion of employees surveyed in India feel that their employers expect them to be available at all times.

Techniques to manage the Work-Life Balance:

- 1. Self Management: Managing yourself is the toughest job in the world. Give time to yourself. Be the captain of your own life which is vital to maintain the mental peace of life.
- 2. Time Management: Effective time management involves the optimum utilization of your time along with the available resources. As a good and effective manager, you need to maintain your "important" and "urgent" works within the specific time period.
- 3. Stress management: Multi tasking is the desired quality for an employee in an organization. Prioritization of work is required to cross the pressure-filled situation in the organizations.
- 4. Change Management: Change is the only constant in the ever changing world. Continuous adoption of new things is also a key to a successful life and careers as well.
- 5. Technology Management: Technological up-gradation is one of the important facts of today's competitive market. Exposure to latest technology is the key player for employee sustainability. But an ideal pattern is that the person should rule the technology, not vice versa.
- 6. Leisure Management: Effective leisure management can increase the efficiency and quality of an employee's life. Getting free time from the monotonous work, spending splendid and enjoyable moments are the key factors to maintain the work-life balance.

Keeping a balance between the personal and professional life is the toughest job one faces. Now it is up to you how to do the things better without hampering your personal as well as professional needs. It is the time to introspect.



FACULTY ACHIEVEMENTS

Prof. Sudhanshu Maurya, Faculty of Computer Science & Information Technology, Jharkhand Rai University



- · Article on "Impact of Mobile Cloud Computing in Business", accepted and presented in Regional Seminar on Social Impact and Implications of E-commerce, Karim City College, Jamshedpur, Jharkhand on 16th March 2016.
- Online paper presentation on "Impact of Cloud Computing in E-Commerce", at Two-Day National Conference on "Expansions Beyond Horizon: Era of E-Business and E-Commerce", organized at Pratibha Institute of Business Management, Pune on 19th & 20th February 2016.
- Article on "A Review of Cloud Computing for Effective E-Governance", accepted and poster presentation in the 6th International Conference on Technology, Innovation and Management for Sustainable Development (TIMS 16), ITM University, Gwalior during 11th - 13th February 2016.
- Article on "Impact and Applications of Internet of Things for Excellence in the Industry", accepted and presented in National Seminar on Achieving Organizational Excellence Through Innovation and Motivation, ISM Pundag on 5th & 6th February 2016.

Prof. Pooja Jha, Faculty of Computer Science & Information Technology, Jharkhand Rai University



- Published paper in Scopus Indexed Journal "Journal of Theoretical and Applied Information Technology (JATIT)" titled "Applicability of Process Capability Analysis in Metrifying Quality of Software", published in Vol.85. No.3, ISSN: 1992-8645.
- Paper presentation in Springer organized conference on "International Conference on Signals, Networks, Computing and Systems", held at JNU, New Delhi during 25th - 27th February 2016. Title of the paper was "Program Code Understandability and Authenticating Code Predicting Systems: A Metric based approach".

Dr. Sanjeev Kumar Sinha, Faculty of Science & Engineering, Jharkhand Rai University



- · Attended Refresher course in the month of January conducted by UGC Human Resource Development center, Ranchi University, Ranchi in 'Basic Science'.
- Paper published on "Catalytic Synthesis of Hydroquinone by Using Rh on Al2O3 via Different Rout." in American Journal of Optics and Photonics..
- Paper entitled "Important Radionuclide's to be considered for Environmental Impact Assessment", published in International Journal of Innovations in Engineering & Technology
- Paper presented & published on "Conversion of Plastic Waste into Transport Fuel" in the National Conference held on 10th April, 2016 on 'Recent Trend in Waste Management' sponsored by Jharkhand Council on Science & Technology, Ranchi. ISBN No. 978-93-5258-747-6.
- Potassium K (1) catalyzed oxidation of L-Leucine by cerium IV in sulphuric acid medium A Kinetic study, published in IOSR- JAC.

FACULTY ACHIEVEMENTS

Prof. Anupama Verma, Faculty of Computer Science & Information Technology, Jharkhand Rai University



- Article on "Effects of Networking Technology on E- Commerce" published in "IRDA International Journal of Management & Social Sciences" by the International Research & Development Association.
- Article on "A Novel Methodology for Security and Privacy Protection Issues of Data in Cloud Computing" published by "International Journal of Engineering and Management Research"
- Paper presented on "Relationship of Networking Technology and its Effects on E- commerce" in the National Seminar on Convergence of Science and Technology (CST-2016), organized by Cambridge Institute of Technology, Ranchi dated 20th Februrary 2016.

Prof. Ved Prakash Singh, Faculty of Science & Engineering Jharkhand Rai University



- Paper published on "Catalytic Synthesis of Hydroquinone by Using Rh on Al2O3 via Different Routes' in American Journal of Optics and Photonics.
- Paper entitled "Important Radionuclide's to be considered for Environmental Impact Assessment", published in International Journal of Innovations in Engineering & Technology.
- Paper presented & published on "Conversion of Plastic Waste into Transport Fuel" in the National Conference held on 10th April, 2016 on 'Recent Trend in Waste Management', sponsored by Jharkhand Council on Science & Technology, Ranchi.

Prof. Biswarup Samanta, Faculty of Computer Science & Information Technology, Jharkhand Rai University



- Research paper, titled, "Spread of Malware within an E-Commerce Network with Quarantine: A Dynamic Model", was accepted for publication in "International Journal of Scientific Research and Technology" [ISSN-2454-9800; peer-reviewed journal] on 20th April, 2016.
- Published Research Paper, titled, "Dynamic Model on DDoS Attack for Bots Delivery in E-Commerce Network" in the proceedings (published by Excel India Publishers; ISBN: 978-93-85777-13-4; peer-reviewed) of Third International Conference On Computing and Systems - 2016, organized by the Department of Computer Science, the University of Burdwan, W.B., India on 21st-22nd Jan, 2016.
- Presented Research paper, at a National Seminar on Convergence of Science and Technology, organized by Cambridge Institute of Technology, Ranchi, Jharkhand and sponsored by the Department of Higher and Technical Education, Govt. of Jharkhand, Ranchi and TEQIP-II, MHRD, Govt. of India, New Delhi, on 19th-20th Feb, 2016.
- Presented Research paper at "Third International Conference on Computing and Systems 2016 (ICCS-2016) ", organized by the Department of Computer Science; the University of Burdwan, Burdwan, W.B., India during 21st to 22nd January, 2016. It was sponsored by UGC, Deptt. of Electronic & IT, Govt. of India, Dept. of Sc. & Technology, Govt. of West Bengal and by IEEE CSI Kolkata Chapter.

Prof. Neha Keshri, Faculty of Science & Engineering, Jharkhand Rai University



- Presented Paper in the "National Seminar on Convergence of Science & Technology" during 19th -20th February 2016, organized at Cambridge Institute of Technology, Ranchi, titled "Analysis of an epidemic model elucidating the predator-prey interaction within the WSN".
- Selected as a reviewer of International Journal of Computer and Technology, published by the Council for Innovative Research, ISSN 2277 - 3061 in the month of April 2016.

Prof. Swati Kumari, Faculty of Computer Science & Information Technology, Jharkhand Rai University



- Research Paper titled "A Novel Methodology for Securing the Data using Three Stage Quantum Cryptography Algorithm" published in peer reviewed International Journal "International Journal of Engineering and Management Research" Volume-6, Issue-1, January - February 2016.
- Research Paper titled "A Novel Methodology for Security and Privacy Protection Issues of Data in Cloud Computing" Published in peer reviewed International Journal "International Journal of Engineering and Management Research" Volume - 6, Issue - 1, January - February 2016.

Prof. Harmeet Kaur, Faculty of Commerce & Management, Jharkhand Rai University



• Presented paper titled "Growth of Mutual Fund Industry in India" at the 5th Annual Conference on the theme of Sustainability held at IIM Shillong during 17th - 19th March 2016.

Prof. N.K. Roy, Faculty of Science & Engineering, Jharkhand Rai University



- Honoured as the Chief Guest in the Workshop on "Co-ordinated Approach Towards Development of Civil Infrastructure in Jharkhand" organized by The Institution of Engineers India, Jharkhand State Center dated 8th May 2016.
- Chaired the Seminar in The Institution of Engineers India, Jharkhand State Center on the theme of "World Water Day".
- Honoured as the Chief Guest in the Seminar on "Optimization of Existing Irrigation Schemes in Jharkhand for Irrigation, Drinking Water & Industrial Use" dated 5th March 2016 organized by The Institution of Engineers India, Jharkhand State Center.
- Keynote Speaker in the National Seminar on "Water Resource Management in Jharkhand" organized by ISM Pundag, Ranchi on 22nd Feb, 2016.
- Honoured as the Chief Guest for the inaugural function of "Aarohan" organized by BIT, Mesra in the month of Feb, 2016.

FACULTY OF SCIENCE & ENGINEERING (B.TECH)







































































FACULTY OF SCIENCE & ENGINEERING (AGRICULTURE)





































FACULTY OF COMMERCE & MANAGEMENT











































FACULTY OF SCIENCE & ENGINEERING (DIPLOMA)

















: Lafu Kumar Verma : DE/L/CE/15/1005 : 79.75% : Diploma IB(CE 8)



















:Abhijeet Presad :DE/EEE/14/1628

















FACULTY OF SCIENCE & ENGINEERING (DIPLOMA)







































Phalgani Yadav DE/CE/L/14/067











: Dilip Gorai : DE/ME/L/14/214 : 77.87% : Diploma V(ME-8)



STUDENTS **SPEAK**



Sumeet Yadav | B.Sc (Agriculture) | 2nd Semester

I would like to emphasize that the workshops and educational tours have enhanced my practical knowledge base. I am sure that the learning at JRU would help me in my career as well as my personal

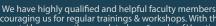
Shruti Kumari | B.Sc (Agriculture) | 2nd Semester

I would like to mention that every student at JRU gets a wonderful learning environment which will make their life better. I thank JRU for motivating me to achieve my goals.



Menka Kumari | BBA | 4th Semester

As a budding manager, I have been learning a lot through my participation in regular Workshops, Life Skills classes, Quiz Programs and Cultural Events. I have developed my confidence and better attitude to draw a well defined caréer path.



encouraging us for regular trainings & workshops. With their support, I have recently completed my 6 weeks of Vocational Training with CCL. I thank the Career Management Cell at JRU for arranging this special training program.

Kumar Adarsh | Mining Engineering | 4th Semester



. Vikash Kr. Sharma | MBA | 4th Semester

At JRU, we have experienced faculty members who prepare us to be industry ready. Though many students at JRU are from various States as well as from rural background, the cross-cultural sensitivity is highly secured by all its students and staff members. JRU gave me a chance to develop my managerial skills and leadership qualities. Now, I am placed with "Telenor" and I thank the Career Management Cell for nelping me to get placed.





Ravikant Kumar | Mining Engineering | 4th

Surely, after joining JRU I have not only improved myself academically but also my communication skills & personality as well. I would specially like to thank the *Life Skills Department*.



Md. Gulfraj Alam | B.Tech (Civil) | 4th Semester

I must say that the academic system at JRU is very good. The faculty members are experienced and helpful. I have participated in various events that have helped me in my personality development.

www.jru.edu.in



