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PROSPECTUS





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For the students...



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Welcome to Jharkhand Rai University

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 also a member of Association of Indian Universities (AIU), Association of Commonwealth Universities – London and an ISO certified University, (ISO 9001:2015). The University 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, rigorous training and efficient mentorship. The University offers Diplomas, Undergraduate Degrees, Postgraduate Degrees and Doctoral Programs in different disciplines. JRU is the only private University in the state of Jharkhand approved by NAAC.

Research and Innovation form a significant part of our envisaged goals. Our aim is to integrate research & development with academics and encourage our faculty and students to carry on research in their respective areas of interest. The University is focused on interdisciplinary, collaborative and community based research which will help to generate excellent technologies responding to the needs of local, national and global interests.

Creation of an agriculturally literate society is not only essential but is the need of the hour and our team from the Department of Agriculture strives to help the students in the learning process. Our Agricultural Education Program aims at raising awareness for food and farming. We inspire young people to think more deeply about sustainable agriculture, food supply and the role of science in this context. We also help students and the rural community specially farmers to learn entrepreneurship to become change makers.

We aspire 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 who bring creativity, ingenuity and resourcefulness to the mind of students. We believe in fostering pioneering minds and nurturing intellectuality in individuals. We endeavor to create the best possible environment for our students and are committed to the cause of making higher education accessible to all irrespective of caste, color and creed.





Vice Chancellor's Message

Dear Aspirant,

Welcome to Jharkhand Rai University (JRU), an endeavor for empowerment through dynamic and quality education.



We at Jharkhand Rai University understand our responsibility towards the state and are thus committed to bring reforms in higher education for all aspiring students irrespective of their caste or creed. Our goal is to reach out to every student of the state and make them aware about the role and importance of higher education. We are dedicated to this cause and believe in nurturing and fostering nascent individuals so that they blossom into talented and skilled professionals. Hence, we make sure that student requirements are taken care of, with the help of extraordinary teachers and mentors.

Today, education has become a world wide phenomenon and more and more people are realizing its value and importance. It would not be wrong to say that knowledge sharing is not possible without teachers who influence students in their way of thinking and performing. Therefore we at JRU make sure that students inculcate the uniqueness of their teachers in order to outperform and outshine them. We are fortunate enough to have the most qualified and experienced faculty members on board with us who not only teach the students dedicatedly but also mentor them enthusiastically.

Apart from the creative bunch of teachers who consistently work on improving the standard of education we also keep on improvising the curricula in order to instill in our students some creativity and dynamism. This is the reason we have included Life Skills as a core subject in all our courses so that it helps the students in analyzing, assessing and enhancing their abilities and skills. I believe that education or earning a degree is incomplete if it does not provide employability and financial strength and this is the reason we emphasize on industry academia interface. Providing holistic education has been our mission since the inception of our University.

We feel that spreading awareness about the various provisions of higher education in Jharkhand and creating a skilled resource pool for the state is not only our responsibility but a mission that needs to be accomplished.

Now, as we begin our journey, I would urge upon my team members of the University to walk with me towards the goal of growth and progress. We are certain to fulfill the dreams of our students, who deserve nothing less than a world-class education. I am sure that we will be successful as a class apart.

Best Regards,

Dr. Savita Sengar Vice Chancellor



About Us



OUR LOGO

The mightiest weapon of the globalized world, education represented by the pen.

Supported by the three pillars of dedication, determination and discipline.

Ignite in each one of us the flames of creativity, wisdom & character.

JRU believes in offering a global approach to education and research with a focus on technology and innovation.

The various schools of the university provide broad-based curriculum underscored by multi-disciplinary courses and cross-faculty enrichment. JRU's transformative education system includes programmes like student exchange, and entrepreneurial internships offering students opportunities and challenges to realize their potential. The learning experience is complemented by a vibrant residential life with avenues for artistic, cultural and sporting pursuits.

JRU has its own Research Centre of Excellence (RCE) that fosters research and innovation. Research activities are strategic and robust, and JRU is well-equipped for its research strengths in engineering, social sciences and natural sciences.

At JRU we intent to put major research thrusts in fields like quantum technology; interactive and digital media; environment and water. The University also strives to create a supportive and innovative environment to promote creative enterprise within its community.

JRU is also actively involved in international academic and research networks which makes it a conducive place for both the students and teachers.

Our Core Values

Our Core Values are our 10 Commandments inspired with a mission to create leaders, winners and achievers in a global world. Leaders who inspire a vision, winners who set positive paradigms of action and achievers who have the will and the strength to make a small difference to the larger cause of humanity.

| Commitment To education, equal-opportunities and excellence |
|---|
| 2 Integrity Towards self, community and society |
| 3 Creativity In thought, expression and approach |
| 4 Immediacy Of action and idea-implementation |
| 5 Flexibility Of movement, choice and growth |

| 6 | Teamwork For self-fulfilment and growth |
|----|--|
| 7 | Ardour For love, life and living |
| 8 | Caring About people, passion and dreams |
| 9 | Leadership To achieve, fulfill and self-actualise |
| 10 | Determination In vision, innovation and initiative |



Awards & Accolades

Jharkhand Rai University came into existence in 2012 and since then it has shown a remarkable growth in terms of innovation and creativity in education. The university's contribution towards improving the quality of education has not only received accolades nationwide but has also won awards for two consecutive years as well. In year 2014, Jharkhand Rai University received the "Best Private University" award for its outstanding contribution in the field of education by ASSOCHAM. Mr. Cherian Jacob, Registrar and Dr. Piyush Ranjan, Dean Academics accepted the award on behalf of the University.

Earlier in the year 2013, the University was conferred with the prestigious ASSOCHAM National Education Excellence Award 2013 for Best Private University for Women Empowerment. Dr Savita Sengar, Vice Chancellor, Jharkhand Rai University received the award from the then Union Education Minister Dr M. Mangapati Pallam Raju.

Jharkhand Rai University has continuously been working towards creating opportunities for students especially the underprivileged youth in order to make them literate, independent and employable.

Education is not Preparation for Life, Education is life itself

– John Dewey









Recognition & Accredition















MINISTRY OF SKILL DEVELOPMENT & ENTREPRENEURSHIP

GOVERNMENT OF INDIA



Infrastructure and Facilities

We at Jharkhand Rai University make sure that all the amenities are provided to the students in order to enhance the teaching and learning process.

The University has a well designed infrastructure that facilitates numerous services for both the students and the staff members. Our campus is spread across 7 acres of land in Kamre, Ratu Road, Ranchi which includes 1 Lakh sq. feet of Academic Block, a separate building for Boys and Girls hostel spread across 30,000 sq feet area and 22,000 sq feet area for staff quarter building that comprises of 16, 2BHK flats. Keeping in mind the growth and expansion, we are developing a sprawling campus spread across 20 acres of land in Ranchi.

Classrooms and Conference Hall:

Well lit and ventilated classrooms at Jharkhand Rai University provide students an encouraging and conducive environment for learning and focussing. All the classrooms are well designed with comfortable sitting arrangements. In order to make our students competitive we regularly organize national and international conferences, seminars and workshops in the campus. We have a well- equipped conference hall that has been specifically designed for hosting such events.







Computer Laboratory:

The Computer Lab at Jharkhand Rai University is spread across 3000 sq. ft. of area and is equipped with Internet access. We provide a network of latest computers, adequately matched and supported by a host of printers, scanners, modems and other peripheral devices. Students using laptops and smart phones can also benefit from wifi facility available in the campus.







Science & Technology Labs/ Workshops:

At Jharkhand Rai University we have set up the Science & Technology Labs with excellent facilities and latest equipments to support students in their research and development. Working in these labs provides the students an opportunity to explore and discover.

Following are the labs and workshops in the University:



Mechanical Labs

- Engineering Mechanics Lab Fluid Mechanics Lab Fluid machinery Lab
- Kinematics of Machine Lab RAC Lab SOM Lab Applied thermodynamics Lab
- I.C. Engine Lab Automobile engineering Lab Heat transfer Lab
- Mechanical measurement & metrology

Mechanical Workshops

- Sheet Metal Shop Carpentry Shop Fitting Shop Welding shop
- Machine Shop Black smithy

Civil Labs & Workshops

- Survey field work-1 & 2 Strength of material Engineering mechanics
- Fluid Mechanics Lab Fluid machinery Lab

Electrical and Electronics Labs & Workshops

- Basic Electrical and Electronics Lab Digital Electronics Lab Communication Lab
- D C Machine Lab Power Electronics Lab Electrical Workshop



Library:

Jharkhand Rai University's state-of-the-art library is built to International standards, and is spread across 8000 sq. ft. of area. It is equipped with Internet browsing facilities and a reading room. Library serves as a backbone to all academic activities at our campus. The library at Jharkhand Rai University houses more than 25,000 textbooks and a good number of reference materials, journals, magazines, periodicals and audio-videos.



Hostel Facilities

We at Jharkhand Rai University believe in providing the students with a friendly ambience in our hostels so that learning and growing is fostered. Our aim is to help students in not only living in harmony and peace but also balancing their time between studies and extra curricular activities.

We offer separate hostel facilities for both boys and girls & at present we can accommodate about 3000 boys and 1250 girls. Students can avail facilities both in the form of dormitories and separate rooms. A separate study area spread across 4000 sq.ft. in the campus is specifically designed for hostel inmates for their studying purposes. All hostel inmates have access to it during morning hours and evening time.

The Hostel Rooms and Dormitories are equipped with 24-Hours Power Back up and Security.

We also have a Tuck shop in the hostel premises that is a one stop shop in the campus which is meant to provide day-to-day articles to the students. Here students can purchase packed food items like Biscuits, Chips, and Snacks apart from other stationary items. Reprographic facility is available in the tuck shop from where the students can take Photocopies and Print Outs.

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No doubt, Hostel Life at JRU is packed with lots of Fun and Energy.

Students' Mess:

Student Mess is a place where we provide our students with nutritious, healthy and unlimited food.

The Mess Kitchen has a capacity to serve more than 4000 students for Breakfast, Lunch and Dinner. The dining space has a sitting capacity for more than 800 students at a time and provides students a comfortable and hygienic environment.

All our students especially the underprivileged ones can enjoy the mess facilities at highly subsidized rates.



Mess Timings:

Break Fast - 07:30 A.M. to 09:00 A.M.

Lunch - 12:30 P.M. to 02:00 P.M. | Dinner - 07:30 P.M. to 09:00 P.M.

Cafeteria:

What you eat is what you are!

A healthy mind can only reside in a healthy body. We, at JRU, understand this and hence make sure that the food students eat is nutritious and wholesome.

The Cafeteria is spread across 2000 sq. feet area in the ground floor of Academic block for catering to students and the staff members. It is a hang out zone for the students where they chill out and enjoy delicious meals.

Our menus offer an extensive selection of everyday favourites and recipes like Sandwiches, Indian Snacks, Fruit juices, Cold Drinks, Milk, Eggs and beverages including tea and coffee. The cafeteria is operational from 8 AM in the morning till 8 PM in the evening.





Scholarships

At Jharkhand Rai University we believe that every student has a right to education especially the underprivileged ones and those who are not able to complete their studies. Keeping this in mind JRU continuously strives to create opportunities for these students who have the desire and passion to learn but financial disparities deprive them of the same. Providing scholarships is one such medium that helps such students to fulfill their dreams and achieve their goals.

We put together every effort to make higher education easily accessible to all the students especially SC, ST, OBC and other underprivileged students. The purpose is to create a skilled resource pool for not only the state but for the country as well. We understand our responsibility towards the state and are thus committed to bring reforms in higher education for the students belonging to SC, ST and other backward classes.

We also organize various FREE Career Counselling sessions for school students throughout the state as a part of our social responsibility. Through these sessions we reach out to students living in the remote areas of Jharkhand and counsel them about career and employability. At JRU we believe that a sound educational system can only be developed by integrating pedagogies, learning & assessment systems, with 21st Century tools. UDAAN was our one such career counselling session in which we covered 102 schools across 24 districts of Jharkhand. The purpose is to create an environment that motivates students to question, to discover, to explore and to innovate. It also includes SPOT Admission Sessions in which deserving students get on the spot admissions. Fortunately we have also received an overwhelming interest and response from notable politicians and bureaucrats of the state. All of them have shown keen interest in our university's Social Initiative and have also extended their support in arranging UDAAN in various constituencies.

Today, JRU's UDAAN initiative reaches to more than 2500 students in the state and is further growing and progressing.





Aarohan is our yet another enterprise through which we reach out to SC, ST, OBC and underprivileged students of the remote areas of Jharkhand and make them understand about the avenues and scope of higher education. The aim is to spread awareness about the importance and role of higher education in creating an empowered and skilled youth for the state of Jharkhand. The initiative was taken to educate them about various schemes and projects that are focused on higher education for SC, ST, OBC and other underprivileged students. Through this drive we have already touched 40000 students who were either in 10th or 12th class, but we still aim to reach out to more and more underprivileged students of our state in order to make higher education easily available to all.

Apart from UDAAN and Aarohan, DreamZ is another initiative that provides scholarships to underprivileged girls. It is a global mission that takes care of a girl's education and her right to a decent living in the subcontinent and across the world.

These scholarships are meant for underprivileged girl students from disadvantaged socio-economic backgrounds from India and abroad. The girl students are given full scholarship for the entire course duration to study Bachelors and Masters Degree programs.

At JRU, we believe in creating a society that is educated, unbiased, progressed and skilled.



Career Guidance Cell

The robust and proactive training cell of Jharkhand Rai University is called "Career Management Cell". It works in support of students giving them direction and resource to acquire the necessary skills to make them industry-ready. The Career Management Cell manages the entire process of placement starting from identifying the organizations, inviting to the campus, co-coordinating logistics during the placements and taking care of the follow-ups.

CMC has been successful enough in providing valuable placement positions to our students at various organizations/ firms/companies of national and international repute.

Our Trainers



Our recruiters





Life Skills Training

Life Skills are a specific set of skills that help individuals to succeed and thrive in both personal and professional life. Keeping this in mind we at Jharkhand Rai University work towards the objective of equipping our students with these basic skills, so that they are able to live a balanced and successful life.

Jharkhand Rai University has incorporated Life Skills development program as an integral part of its regular courses. It is compulsory for all the students and carries at least 5% weightage across all the courses. The curriculum is designed in a way that it churns out the best in students and helps them in their overall personality development. It includes modules on Spoken English, Body Language, Interview Skills, Public Speaking, Etiquettes and Communication Skills. The aim is to groom the students and enhance their abilities so that they can survive in the competitive world. Now a days, organizations give priority to those professionals who are not only proficient in their fields but are also adept in soft skills especially Communication and Interpersonal skills. In order to enhance these skills we provide the students with regular spoken English classes apart from teaching them the modules of Life Skills. For this purpose we have a very dedicated team of experts who mentor and guide the students efficiently.

Through this module we aim to bring positive changes in the students' personality and behaviour and have designed this module to:

- Enable students to build a good rapport, interact and work effectively with others (Team building and Leadership Skills)
- Make students able to evaluate information and identify their needs and requirements (Decision making)
- Prepare students to analyze social and cultural influences on attitudes, values and behavior, question injustice, explore and evaluate social roles, rights and responsibilities (Critical Analysis)
- Develop problem solving, creative thinking skills and habit of self-renewal for their self improvement
- Develop effective communication and interpersonal skills in order to get their view points across





Learning Beyond Classroom

Teaching Methodology:

We at Jharkhand Rai University, emphasize on providing practical knowledge to our students. Our teaching methodology accentuates the significance of learning through self experience and innovative teaching methods. Assignments and practical activities are at the core of our learning process. Students use a wide range of innovative tools in understanding and analyzing research problems which helps them to improve their overall expertise and abilities. Learning becomes more effective when it is combined with activities like practical studies, data collection, labs/workshops activities, case studies, tutor assessments, seminars, presentations and group discussions.

Assessment:

There should be equity, competence and excellence in the Education System and therefore we at JRU believe in enhancing academic standards through innovation and improvements in curriculum, teaching process, examination and evaluation systems. Due to global intervention there is a need to replace traditional evaluation techniques with an innovative and globally accepted system that can create uniformity and standardization amongst institutions across the globe.

We at JRU have started several initiatives towards academic excellence, especially the introduction of choice based credit system, continuous evaluation system and the grading system. Choice Based Credit System designed as per UGC guidelines, is a flexible system that permits students to earn the requisite credits and choose subjects from a wide range of courses offered by the University departments. In this type of system, the students can acquire more than the required credits, and can even adopt an interdisciplinary approach to learning. Continuous Evaluation System is meant to evaluate all the aspects of a student's development and includes Assignments, Mid-term, Class participation/ Teacher Assessment and End Semester Examination. Internal Assessment carries 30% weightage whereas the End Semester Examination carries 70% weightage. Continuous Evaluation System plays an important role in evaluating student's abilities and skills.

Grading System is meant to award the students with the Letter Grade and Grade Point Average (GPA). The letter grades, their equivalent grade points and the corresponding % are given below:

| GRADE | 0 | A+ | А | B+ | В | С | Р | F |
|-------------|------------|----|----|----|----|----|----|-----------|
| GRADE POINT | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 0 |
| % FROM | 90 & ABOVE | 80 | 70 | 60 | 50 | 40 | 35 | 35 & LESS |
| % TO | 30 & ABOVE | 89 | 79 | 69 | 59 | 49 | 39 | 33 & EL33 |



Industry Exposure

We at Jharkhand Rai University emphasize on the all round development of the students. Keeping this in mind we provide the students with opportunities that help them in getting familiar with know-how of the industrial world. Such a kind of practical knowledge not only enhances their academic information but also improves their professional skills as well.







Industry Visits:

We ensure that our students become industry-ready professionals and therefore organize regular industry tours and visits. The purpose of conducting these tours is to give the students a practical insight into the functionality of an organization. These industrial visits and tours expose the students to the real world thus enriching their knowledge and experience to a great extent.

Guest Lectures:

We organize Guest Lectures and Seminars for our students on a regular basis. Industry veterans and reputed academicians are invited to deliver lectures on various topics. They interact and share their insights and experiences with the students. Through these lectures and interfaces students get a chance to learn innovative methods and approaches for overcoming professional problems and challenges.







Job Mela

Jharkhand Rai University, in association with Board of Practical Training (BOPT), organized a one-day job fair on 15 March 2019, for Apprenticeship trainee for all passed-out engineering graduates and the holders of Diploma in Engineering and ITI as well. R.S Mahapatra- Director (Personnel), Central Coalfields Limited (CCL), Ranchi, S M Ejaz Ahmed- Director, BOPT (ER), Mr. Chandramauli, Assistant Director, BOPT inaugurated the event along with Dr. Savita Sengar, Vice Chancellor, Jharkhand Rai University, Ranchi and Dr. Piyush Ranjan, Registrar, Jharkhand Rai University, Ranchi. The Job Fair is being organized under the aegis of the said government agency with an aim to deliver advanced training in industry skills. The programme aims to address the growing demand for skilled workers. It facilitates apprenticeship training to a large pool of freshers who are not yet placed in industry. A total of 21 recruiters participated in the fair and offered the candidates a wide spectrum of training opportunities. The fair witnessed overwhelming response from the candidates. JRU facilitated the placement of over 5000 students.



List of Companies:

- 1 Jost India Auto Components Pvt. Ltd.
- 2 Central Mine Planning & Design Institute Ltd.
- 4 Mascot Electromech Pvt. Ltd.
- 5 Gaurav Earth Moving Equipments Pvt. Ltd.
- 6 Moriesh Food Ltd.
- 7 MECON Ltd.
- 8 Premsons Motor Udyog Pvt.
- 9 Bharat Coking Coal Ltd.(BCCL)
- 10 Heighco Engineers Pvt. Ltd.
- 11 Greenley Hi Tech Engineering Pvt. Ltd.
- 12 Jameshedpur Continuous Annealing & Processing Company Pvt. Ltd.

- 13 KP Automobiles Ltd.
- 14 Central Coal Field Ltd.(CCL)
- 15 Narbheram Agencies Pvt. Ltd.
- 16 IMT Auto
- 17 Basudeb Auto Ltd.
- 18 Yogik Technologies Pvt. Ltd.
- 19 Sharma Engineering Works



International Conference

International conference on "Vision 2022-The way forward towards sustainable development"-1st and 2nd June, 2019

Jharkhand Rai University organized an International conference on the theme "vision 2022-The way forward towards Sustainable Development" in association with Department of Industry, Government of Jharkhand on 1 and 2 June 2019. The Chief Guest on the occasion was Sunil Kumar Barnwal, IAS Principal Secretary to Chief Minister, Government of Jharkhand; Special guest was Sanjay Kumar, IFS PCCF, Govt. of Jharkhand; Guest of Honour were Rajesh Kumar Sharma, IAS Secretary-Department of Higher, Technical Education & Skill Development, Government of Jharkhand and K Ravi Kumar, IAS Secretary, Department of Industries, Government of Jharkhand.



The conference focused on the 17 sustainable Development Goals set by the United Nations to achieve by the year 2030. ICSD 2019 is a step towards mobilizing research and efforts to close the gap between the aims and realities. The conference was designed to include diverse perspectives, thus providing a platform to leaders and thinkers to present their insights and suggestions for achieving sustainable development.



The purpose of the conference was to provide a forum to committed academicians, corporate leaders, industry professionals, eminent researchers, scholars & students from across the Country to deliberate the concepts of sustainable development, theories and models. The conference also provided the opportunities to these scholars to share their research as well as experiences in molding businesses for sustainable growth. Businesses today should move out of their comfort zone and accept the fact that growth can be inclusive. The holistic growth aims at eliminating poverty from society and all share benefits of development. The conference had received a huge response and 150 research papers from across the Country were received out of which 137 have been accepted for presentation. The two-day conference was included networking opportunities, keynotes speeches, paper presentations and panel discussions.







abhivadan Freshers Day

Cultural Activities

Cultural events play a very important role in shaping the personalities of young students. They add zest, zeal and energy to a student's life. We at Jharkhand Rai University, organize various events and activities that help our students to broaden their view and also improve upon their talent. Through these events the students not only learn to overcome their fears but also try to sharpen their mind and skills. *Tarang (The Annual Cultural Fest)*, *Abhivadan..A New Beginning (The Freshers Party)* and *Goonj* are to be named amongst a few.





Photo Gallery







National Seminar on Education: Imperatives for Change - Making Jharkhand a Knowledge Hub

9th National Student Quiz by All India Management Association









SABLA Training for Adolescent Girls



International
Congress On
Innovations in
Science, Technology
and Management
(ISTM)











Session On Women Legal Rights And Self Defense By DSP Nisha Murmu



Photo Gallery















International-Women's Day at University

Intra University











Swachh Bharat Abhiyaan

Azadi 70 -Yaad Karo Kurbani







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B.Sc (Hons.) Agriculture

COURSE INFORMATION

This course is designed to provide the students with the strong foundation in agriculture and to prepare them for a variety of careers in this field. The program is meant to give the students an opportunity to learn a wide range of topics like Soil & water Conservation, Crops, Environment apart from understanding the basics of Maths & Statistics.

COURSE DURATION - 4 YEARS | CREDIT REQUIRED - 180

ELIGIBILITY - 10+2 IN SCIENCE FROM ANY RECOGNISED UNIVERSITY

| | SEMESTER I |
|-------------|--|
| Course Code | Course Title |
| 13A.101 | Fundamentals of Horticulture (T+P) |
| 13A.106 | Fundamentals of Plant Biochemistry and Biotechnology (T+P) |
| 13A.107 | Introduction to Soil Science (T+P) |
| 13A.108 | Introduction to Forestry |
| 40B.102 | Comprehension & Communication skills in English (T+P) |
| 13A.109 | Fundamentals of Agronomy (T+P) |
| 13A.110 | Introductory Biology* (T+P) |
| 13A.111 | Elementary Mathematics* |
| 13A.112 | Agriculture Heritage* |
| 13A.113 | Rural Sociology & Educational Psychology |
| 40B.103 | Human Values & Ethics** |
| 13AP.117 | NSS/ Physical Education & Yoga Practices** |
| | *Remedial courses **NC : Non-credit courses |
| | SEMESTER II |
| 13A.151 | Fundamentals of Genetics (T+P) |
| 13A.152 | Agricultural Microbiology (T+P) |
| 13A.153 | Soil and Water Conservation Engineering (T+P) |
| 13A.154 | Fundamentals of Crop Physiology (T+P) |
| 13A.155 | Fundamentals of Agricultural Economics |
| 13A.156 | Fundamentals of Plant Pathology (T+P) |
| 13A.157 | Fundamentals of Agricultural Extension Education (T+P) |
| 13A.158 | Fundamentals of Entomology (T+P) |
| 40B.152 | Communication skills and personality Development (T+P) |
| 13AP.117 | NSS/ Physical Education & Yoga Practices** |
| | **NC : Non-credit courses |
| | SEMESTER III |
| 13A.208 | Crop Production Technology – I (Kharif Crops) (T+P) |
| 13A.209 | Fundamentals of Plant Breeding (T+P) |
| 13A.210 | Agricultural Finance and Cooperation (T+P) |
| 13A.211 | Agri- Informatics (T+P) |
| 13A.212 | Farm Machinery and Power (T+P) |
| 13A.213 | Production Technology for Vegetables and Spices (T+P) |
| 13A.214 | Environmental Studies and Disaster Management (T+P) |
| 13A.215 | Statistical Methods (T+P) |
| 13A.216 | Livestock and Poultry Management (T+P) |
| 13AP.117 | NSS** |
| | **NC : Non-credit courses |

| SEMESTER IV | | | |
|-------------|---|--|--|
| 13A.258 | Crop Production Technology –II (Rabi Crops) (T+P) | | |
| 13A.259 | Production Technology for Ornamental Crops, MAP and Landscaping (T+P) | | |
| 13A.260 | Renewable Energy and Green Technology (T+P) | | |
| 13A.261 | Problematic Soils and their Management | | |
| 13A.262 | Production Technology for Fruit and Plantation Crops (T+P) | | |
| 13A.263 | Principles of Seed Technology (T+P) | | |
| 13A.264 | Farming System & Sustainable Agriculture | | |
| 13A.265 | Agricultural Marketing Trade & Prices (T+P) | | |
| 13A.266 | Introductory Agro-meteorology & Climate Change (T+P) | | |
| 13AP.117 | NSS** | | |
| 13A.271 | 13A.271 Elective Course I (Any of the following) | | |
| | Agrochemicals | | |
| | Bio-pesticides& Bio-fertilizers | | |
| | Weed Management | | |
| | **NC : Non-credit courses | | |

Educational tour will be conducted in break between IV & V semester or VI & VII semester**

| SEMESTER V | | |
|-----------------|--|--|
| Course Code | Course Title | |
| 13A.311 | Principles of Integrated Pest and Disease Management (T+P) | |
| 13A.312 | Manures, Fertilizers and Soil Fertility Management (T+P) | |
| 13A.313 | Pests of Crops and Stored Grain and their Management (T+P) | |
| 13A.314 | Diseases of Field and Horticultural Crops and their Management -I (T+P) | |
| 13A.315 | Crop Improvement-I (Kharif Crops) (T+P) | |
| 40B.316 | Entrepreneurship Development and Business Communication (T+P) | |
| 13A.316 | Geoinformatics and Nano-technology and Precision Farming (T+P) | |
| 13A.317 | Intellectual Property Rights | |
| 13AP.318 | Practical Crop Production – I (Kharifcrops) Lab | |
| 13A.321 | Elective Course II (Any one of the following) | |
| | Agribusiness Management | |
| | Agricultural Journalism | |
| | Protected Cultivation | |
| | SEMESTER VI | |
| 13A.359 | Rainfed Agriculture & Watershed Management (T+P) | |
| 13A.360 | Principles of Food Science and Nutrition | |
| 13A.361 | Diseases of Field and Horticultural Crops and their Management-II (T+P) | |
| 13A.362 | Post-harvest Management and Value Addition of Fruits and Vegetables (T+P) | |
| 13A.363 | Management of Beneficial Insects (T+P) | |
| 13A.364 | Crop Improvement-II (Rabi crops) (T+P) | |
| 13A.365 | Principles of Organic Farming (T+P) | |
| 13A.366 | Farm Management, Production & Resource Economics (T+P) | |
| 13A.367 | Protected Cultivation and Secondary Agriculture | |
| 13AP.360 | Protected Cultivation and Secondary Agriculture Lab | |
| 13AP.368 | Practical Crop Production –II (Rabi crops) Lab | |
| 13A.371 | Elective Course III (Any one of the following) | |
| | Landscaping | |
| | Micro-propagation Technologies | |
| | Hi-tech Horticulture | |
| SEMESTER VII | | |
| 13AP.421 | Experiential Learning Programme Module-I | |
| 13AP.422 | Experiential Learning Programme Module-II | |
| Modules for Ski | Il Development and Entrepreneurship: A student has to register 20 credits opting for two | |
| | SEMESTER VIII | |
| 13AP.495 | RAWE Component-I: Village Attachment Training Programme | |
| 13AP.495 | RAWE Component-II: Agro-industrial Attachment | |



Bachelor of Pharmacy (B.Pharm.)

COURSE INFORMATION

Pharmacy focuses to educate the students regarding the correct use of medicines and managing terms of dosage and guiding the patients. The course curriculum consists of topics such as Pharmacognosy which includes study of Natural drugs, Biochemistry which involves various biological molecular study & Clinical Pathology with knowledge in pathological test, Pharmaceutics having depth knowledge for formulation, Health Education & community pharmacy.

COURSE DURATION- 4 YRS CREDITS REQUIRED-211* / 212#

ELIGIBLITY - *10+2 with Biology, # 10+2 with Math.

| Course Code Course Title B101 Human Anatomy and Physiology I B102 Pharmaceutical Analysis I B103 Pharmaceutics I B104 Pharmaceutical Inorganic Chemistry B105 Communication skills BRB106/ BRM106 Remedial Biology/ Remedial Mathematics PRACTICAL/DESIGN/DRAWING SESSIONAL BP107 Human Anatomy and Physiology I Practical BP108 Pharmaceutical Analysis I Practical BP110 Pharmaceutical Inorganic Chemistry Practical BP111 Communication skills Practical BP112 Remedial Biology Practical BP112 Remedial Biology Practical BP112 Remedial Biology Practical BP201 Human Anatomy and Physiology II B202 Pharmaceutical Organic Chemistry I B203 Biochemistry B204 Pathophysiology B205 Computer Applications in Pharmacy B206 Environmental sciences PRACTICAL/DESIGN/DRAWING SESSIONAL BP207 Human Anatomy and Physiology II Practical BP208 Pharmaceutical Organic Chemistry I Practical BP209 Biochemistry Practical BP301 Pharmaceutical Organic Chemistry II B301 Pharmaceutical Organic Chemistry II B302 Physical Pharmaceutics I Fractical BP305 Pharmaceutical Engineering PRACTICAL/DESIGN/DRAWING SESSIONAL BP305 Pharmaceutical Organic Chemistry II Practical BP306 Physical Pharmaceutics I Practical BP307 Pharmaceutical Microbiology Practical BP308 Pharmaceutical Incomistry II Practical | | | | |
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| B101 Human Anatomy and Physiology I B102 Pharmaceutical Analysis I B103 Pharmaceutics I B104 Pharmaceutical Inorganic Chemistry B105 Communication skills BRB106/ BRM106 Remedial Biology/ Remedial Mathematics PRACTICAL/DESIGN/DRAWING SESSIONAL BP107 Human Anatomy and Physiology I Practical BP108 Pharmaceutical Analysis I Practical BP109 Pharmaceutics I Practical BP110 Pharmaceutical Inorganic Chemistry Practical BP111 Communication skills Practical BP112 Remedial Biology Practical BP112 Remedial Biology Practical SEMESTER II B201 Human Anatomy and Physiology II B202 Pharmaceutical Organic Chemistry I B203 Biochemistry B204 Pathophysiology B205 Computer Applications in Pharmacy B206 Environmental sciences PRACTICAL/DESIGN/DRAWING SESSIONAL BP207 Human Anatomy and Physiology II Practical BP208 Pharmaceutical Organic Chemistry I Practical BP209 Biochemistry Practical BP209 Biochemistry Practical BP209 Biochemistry Practical BP209 Biochemistry Practical BP210 Computer Applications in Pharmacy Practical BP209 Biochemistry Practical BP300 Pharmaceutical Organic Chemistry II B301 Pharmaceutical Organic Chemistry II B302 Physical Pharmaceutics I B303 Pharmaceutical Engineering PRACTICAL/DESIGN/DRAWING SESSIONAL BP305 Pharmaceutical Figureering PRACTICAL/DESIGN/DRAWING SESSIONAL BP305 Pharmaceutical Organic Chemistry II Practical BP306 Physical Pharmaceutics I Practical BP307 Pharmaceutical Organic Chemistry II Practical | SEMESTER I | | | |
| B102 Pharmaceutical Analysis I B103 Pharmaceutics I B104 Pharmaceutics I B105 Communication skills BRB106/ BRM106 Remedial Biology/ Remedial Mathematics PRACTICAL/DESIGN/DRAWING SESSIONAL BP107 Human Anatomy and Physiology I Practical BP108 Pharmaceutical Analysis I Practical BP109 Pharmaceutical Inorganic Chemistry Practical BP110 Pharmaceutical Inorganic Chemistry Practical BP111 Communication skills Practical BP112 Remedial Biology Practical BP112 Remedial Biology Practical BP201 Human Anatomy and Physiology II B201 Human Anatomy and Physiology II B202 Pharmaceutical Organic Chemistry I B203 Biochemistry B204 Pathophysiology B205 Computer Applications in Pharmacy B206 Environmental sciences PRACTICAL/DESIGN/DRAWING SESSIONAL BP207 Human Anatomy and Physiology II Practical BP208 Pharmaceutical Organic Chemistry I Practical BP209 Biochemistry Practical BP209 Biochemistry Practical BP209 Biochemistry Practical BP209 Pharmaceutical Organic Chemistry II Practical BP209 Biochemistry Practical BP210 Computer Applications in Pharmacy Practical BP301 Pharmaceutical Organic Chemistry II B301 Pharmaceutical Organic Chemistry II B302 Physical Pharmaceutics I B303 Pharmaceutical Microbiology B304 Pharmaceutical Engineering PRACTICAL/DESIGN/DRAWING SESSIONAL BP305 Pharmaceutical Organic Chemistry II Practical BP306 Physical Pharmaceutics I Practical BP307 Pharmaceutical Microbiology Practical | Course Code | Course Title | | |
| B103 Pharmaceutics I B104 Pharmaceutical Inorganic Chemistry B105 Communication skills BRB106/ BRM106 Remedial Biology/ Remedial Mathematics PRACTICAL/DESIGN/DRAWING SESSIONAL BP107 Human Anatomy and Physiology I Practical BP108 Pharmaceutical Analysis I Practical BP109 Pharmaceutical Inorganic Chemistry Practical BP110 Pharmaceutical Inorganic Chemistry Practical BP111 Communication skills Practical BP112 Remedial Biology Practical BP112 Remedial Biology Practical BP201 Human Anatomy and Physiology II B201 Pharmaceutical Organic Chemistry I B203 Biochemistry B204 Pathophysiology B205 Computer Applications in Pharmacy B206 Environmental sciences PRACTICAL/DESIGN/DRAWING SESSIONAL BP207 Human Anatomy and Physiology II Practical BP208 Pharmaceutical Organic Chemistry I Practical BP209 Biochemistry Practical BP209 Biochemistry Practical BP209 Computer Applications in Pharmacy Practical BP209 Biochemistry Practical BP209 Physical Pharmaceutics I Pharmaceutical Microbiology B301 Pharmaceutical Microbiology B303 Pharmaceutical Engineering PRACTICAL/DESIGN/DRAWING SESSIONAL BP305 Pharmaceutical Organic Chemistry II Practical BP306 Physical Pharmaceutics I Practical BP307 Pharmaceutical Microbiology Practical | B101 | Human Anatomy and Physiology I | | |
| B104 Pharmaceutical Inorganic Chemistry B105 Communication skills BRB106/ BRM106 Remedial Biology/ Remedial Mathematics PRACTICAL/DESIGN/DRAWING SESSIONAL BP107 Human Anatomy and Physiology I Practical BP108 Pharmaceutical Analysis I Practical BP109 Pharmaceutical Inorganic Chemistry Practical BP110 Pharmaceutical Inorganic Chemistry Practical BP111 Communication skills Practical BP112 Remedial Biology Practical BP112 Remedial Biology Practical BP201 Human Anatomy and Physiology II B202 Pharmaceutical Organic Chemistry I B203 Biochemistry B204 Pathophysiology B205 Computer Applications in Pharmacy B206 Environmental sciences PRACTICAL/DESIGN/DRAWING SESSIONAL BP207 Human Anatomy and Physiology II Practical BP208 Pharmaceutical Organic Chemistry I Practical BP209 Biochemistry Practical BP209 Biochemistry Practical Computer Applications in Pharmacy Practical BP209 Biochemistry Practical BP210 Computer Applications in Pharmacy Practical BP301 Pharmaceutical Organic Chemistry II B301 Pharmaceutical Organic Chemistry II B302 Physical Pharmaceutics I B303 Pharmaceutical Microbiology B304 Pharmaceutical Engineering PRACTICAL/DESIGN/DRAWING SESSIONAL BP305 Pharmaceutical Organic Chemistry II Practical BP306 Physical Pharmaceutics I Practical BP307 Pharmaceutical Organic Chemistry II Practical | B102 | Pharmaceutical Analysis I | | |
| B105 Communication skills BRB106/ BRM106 Remedial Biology/ Remedial Mathematics PRACTICAL/DESIGN/DRAWING SESSIONAL BP107 Human Anatomy and Physiology I Practical BP108 Pharmaceutical Analysis I Practical BP109 Pharmaceutical Inorganic Chemistry Practical BP110 Pharmaceutical Inorganic Chemistry Practical BP111 Communication skills Practical BP112 Remedial Biology Practical BP112 Remedial Biology Practical BP201 Human Anatomy and Physiology II B202 Pharmaceutical Organic Chemistry I B203 Biochemistry B204 Pathophysiology B205 Computer Applications in Pharmacy B206 Environmental sciences PRACTICAL/DESIGN/DRAWING SESSIONAL BP207 Human Anatomy and Physiology II Practical BP208 Pharmaceutical Organic Chemistry I Practical BP209 Biochemistry Practical BP209 Biochemistry Practical BP200 Computer Applications in Pharmacy Practical BP210 Computer Applications in Pharmacy Practical BP301 Pharmaceutical Organic Chemistry II B301 Pharmaceutical Organic Chemistry II B302 Physical Pharmaceutics I B303 Pharmaceutical Microbiology B304 Pharmaceutical Engineering PRACTICAL/DESIGN/DRAWING SESSIONAL BP305 Pharmaceutical Organic Chemistry II Practical BP306 Physical Pharmaceutics I Practical BP307 Pharmaceutical I Practical | B103 | Pharmaceutics I | | |
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| PRACTICAL/DESIGN/DRAWING SESSIONAL BP207 Human Anatomy and Physiology II Practical BP208 Pharmaceutical Organic Chemistry I Practical BP209 Biochemistry Practical BP210 Computer Applications in Pharmacy Practical SEMESTER III B301 Pharmaceutical Organic Chemistry II B302 Physical Pharmaceutics I B303 Pharmaceutical Microbiology B304 Pharmaceutical Engineering PRACTICAL/DESIGN/DRAWING SESSIONAL BP305 Pharmaceutical Organic Chemistry II Practical BP306 Physical Pharmaceutics I Practical BP307 Pharmaceutical Microbiology Practical | B205 | Computer Applications in Pharmacy | | |
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| BP210 Computer Applications in Pharmacy Practical SEMESTER III B301 Pharmaceutical Organic Chemistry II B302 Physical Pharmaceutics I B303 Pharmaceutical Microbiology B304 Pharmaceutical Engineering PRACTICAL/DESIGN/DRAWING SESSIONAL BP305 Pharmaceutical Organic Chemistry II Practical BP306 Physical Pharmaceutics I Practical BP307 Pharmaceutical Microbiology Practical | BP208 | Pharmaceutical Organic Chemistry I Practical | | |
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| B302 Physical Pharmaceutics I B303 Pharmaceutical Microbiology B304 Pharmaceutical Engineering PRACTICAL/DESIGN/DRAWING SESSIONAL BP305 Pharmaceutical Organic Chemistry II Practical BP306 Physical Pharmaceutics I Practical BP307 Pharmaceutical Microbiology Practical | | SEMESTER III | | |
| B303 Pharmaceutical Microbiology B304 Pharmaceutical Engineering PRACTICAL/DESIGN/DRAWING SESSIONAL BP305 Pharmaceutical Organic Chemistry II Practical BP306 Physical Pharmaceutics I Practical BP307 Pharmaceutical Microbiology Practical | B301 | Pharmaceutical Organic Chemistry II | | |
| B304 Pharmaceutical Engineering PRACTICAL/DESIGN/DRAWING SESSIONAL BP305 Pharmaceutical Organic Chemistry II Practical BP306 Physical Pharmaceutics I Practical BP307 Pharmaceutical Microbiology Practical | B302 | Physical Pharmaceutics I | | |
| PRACTICAL/DESIGN/DRAWING SESSIONAL BP305 Pharmaceutical Organic Chemistry II Practical BP306 Physical Pharmaceutics I Practical BP307 Pharmaceutical Microbiology Practical | B303 | Pharmaceutical Microbiology | | |
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| BP306 Physical Pharmaceutics I Practical BP307 Pharmaceutical Microbiology Practical | PRACTICAL/DESIGN/DRAWING SESSIONAL | | | |
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| | BP306 | Physical Pharmaceutics I Practical | | |
| BP308 Pharmaceutical Engineering Practical | BP307 | Pharmaceutical Microbiology Practical | | |
| | BP308 | Pharmaceutical Engineering Practical | | |

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|-------------|---|
| | SEMESTER IV |
| B401 | Pharmaceutical Organic Chemistry III |
| B402 | Medicinal Chemistry I |
| B403 | Physical Pharmaceutics II |
| B404 | Pharmacology I |
| B405 | Pharmacognosy and Phytochemistry I |
| | PRACTICAL/DESIGN/DRAWING SESSIONAL |
| BP406 | Medicinal Chemistry I Practical |
| BP407 | Physical Pharmaceutics II Practical |
| BP408 | Pharmacology I Practical |
| BP409 | Pharmacognosy and Phytochemistry I Practical |
| 203 | SEMESTER V |
| Course Code | Course Title |
| B501 | Medicinal Chemistry II |
| B502 | Industrial Pharmacy I |
| B503 | Pharmacology II |
| B504 | Pharmacognosy and Phytochemistry II |
| B505 | Pharmaceutical Jurisprudence |
| | PRACTICAL/DESIGN/DRAWING SESSIONAL |
| BP506 | Industrial Pharmacy I Practical |
| BP507 | Pharmacology II Practical |
| BP508 | Pharmacognosy and Phytochemistry II Practical |
| | SEMESTER VI |
| B601 | Medicinal Chemistry III |
| B602 | Pharmacology III |
| B603 | Herbal Drug Technology |
| B604 | Biopharmaceutics and Pharmacokinetics |
| B605 | Pharmaceutical Biotechnology |
| B606 | Quality Assurance |
| | PRACTICAL/DESIGN/DRAWING SESSIONAL |
| BP607 | Medicinal Chemistry III Practical |
| BP608 | Pharmacology III Practical |
| BP609 | Herbal Drug Technology Practical |
| | SEMESTER VII |
| B701 | Instrumental Methods of Analysis |
| B702 | Industrial Pharmacy II |
| B703 | Pharmacy Practice |
| B704 | Novel Drug Delivery System |
| PROFES | SIONAL ELECTIVE (Any one of the following subjects) |
| BP705 | Instrumental Methods of Analysis Practical |
| BPS706 | Practice School* |
| | * Non University Examination (NUE) |
| | SEMESTER VIII |
| B801 | Biostatistics and Research Methodology |
| B802 | Social and Preventive Pharmacy |
| BE803 | Pharma Marketing Management |
| BE804 | Pharmaceutical Regulatory Science |
| BE805 | Pharmacovigilance |
| BE806 | Quality Control and Standardization ofHerbals |
| BE807 | Computer Aided Drug Design |
| BE808 | Cell and Molecular Biology |
| BE809 | Cosmetic Science |
| BE810 | Experimental Pharmacology |
| BE811 | Advanced Instrumentation Techniques |
| BE812 | Dietary Supplements and Nutraceuticals |
| 55111010 | PRACTICAL/DESIGN/DRAWING SESSIONAL |
| DPW813 | Project Work |



Diploma in Pharmacy (D.Pharm)

COURSE INFORMATION

Diploma in Pharmacy is a 2-year full-time Diploma course divided into 4 semesters. D.Pharmacy has been designed to prepare candidates to work under the supervision of a licensed pharmacist in hospitals, community pharmacies, and other related pharmaceutical fields.

COURSE DURATION- 2 YRS CREDITS REQUIRED-160

ELIGIBLITY - 10+2 with English, Physics, Chemistry and Biology or Maths or equivalent

| YEAR 1 | | |
|-------------|---|--|
| Course Code | Course Title | |
| 2BD.101 | Pharmaceutics-I | |
| 2BD.102 | Pharmaceutical Chemistry-I | |
| 2BD.103 | Pharmacognosy | |
| 2BD.104 | Biochemistry & Clinical Pathology | |
| 2BD.105 | Human Anatomy & Physiology | |
| 2BD.106 | Health Education & Community Pharmacy | |
| | PRACTICAL/DESIGN/DRAWING SESSIONAL | |
| 2BDP.101 | Pharmaceutics-I Practical | |
| 2BDP.102 | Pharmaceutical Chemistry-I Practical | |
| 2BDP.103 | Pharmacognosy Practical | |
| 2BDP.104 | Biochemistry & Clinical Pathology Practical | |
| 2BDP.105 | Human Anatomy & Physiology Practical | |

| | YEAR 2 | | |
|-------------|--|--|--|
| Course Code | Course Title | | |
| 2BD.201 | Pharmaceutics-II | | |
| 2BD.202 | Pharmaceutical Chemistry-II | | |
| 2BD.203 | Pharmacology & Toxicology | | |
| 2BD.204 | Pharmaceutical Jurisprudence | | |
| 2BD.205 | Drug store and Business Management | | |
| 2BD.106 | Hospital & Clinical Pharmacy | | |
| | PRACTICAL/DESIGN/DRAWING SESSIONAL | | |
| 2BDP.201 | Pharmaceutics-II Practical | | |
| 2BDP.202 | Pharmaceutical Chemistry-II Practical | | |
| 2BDP.203 | Pharmacology & Toxicology Practical | | |
| 2BDP.206 | Hospital & Clinical Pharmacy Practical | | |



MCA - Master of Computer Application

COURSE INFORMATION

MCA is a three year degree program that is designed to offer both the theoretical and practical knowledge to the students. The objective is to enable them in understanding the core subjects like programming, networking and artificial intelligence apart from developing their communication and interpersonal skills. The aim is to provide the students with the expertise required by the industry and to meet their demand.

COURSE DURATION - 3 YRS / 2 YRS (LATERAL) | CREDITS REQUIRED - 120

ELIGIBLITY - GRADUATION FROM ANY RECOGNISED UNIVERSITY

| SEMESTER 1 | | |
|-------------|--|--|
| Course Code | Course Title | |
| 3CIT101 | Information Technology | |
| 3CIT102 | Computer Organization and Architecture | |
| 3CIT103 | Fundamentals of C Programming | |
| 3CBM101 | Introduction to Management Functions | |
| 3CMT101 | Mathematical Foundations | |
| 3CHSMC101 | Life Skills | |
| PRACT | ICAL/DESIGN/DRAWING SESSIONAL | |
| 3CIT101P | Information Technology | |
| 3CIT103P | Fundamentals of C Programming Lab | |
| | SEMESTER 2 | |
| 3CIT104 | Information System Analysis, Design and | |
| 3CIT105 | Operating Systems | |
| 3CIT106 | Data Structures | |
| 3CBM102 | Management Support System | |
| 3CBM102 | Oral and Written Technical Communication | |
| 3CMT102 | Probability and Combinatories | |
| PRACT | ICAL/DESIGN/DRAWING SESSIONAL | |
| 3CIT105P | Operating Systems Lab | |
| 3CIT106P | Data Structures lab | |
| | | |
| | SEMESTER 3 | |
| 3CIT201 | Database Management System | |
| 3CIT202 | Computer Communication Network | |
| 3CIT203 | Object Oriented Analysis and Design | |
| 3CBM201 | Accounting and Management Control | |
| 3CMT201 | Statistical Comuting | |
| 3CHSMC201 | Soft Skill and Interpersonal Communication | |
| PRACT | ICAL/DESIGN/DRAWING SESSIONAL | |
| 3CIT201P | Database Management System Lab | |
| 3CMT201P | Statistical Comuting Lab | |
| | | |

| | SEMESTER 4 | |
|------------------------------------|---|--|
| Course Code | Course Title | |
| 3CIT204 | Java Programming | |
| 3CIT205 | Software Engineering I | |
| | Departmental Elective I | |
| | Departmental Elective II | |
| 3CBM202 | Organizational Behavior | |
| 3CHSMC202 | Professional Skills | |
| 3CMC201 | Disaster Management** | |
| PRACTICAL/DESIGN/DRAWING SESSIONAL | | |
| 3CIT204P | Java Programming Lab | |
| | SEMESTER 5 | |
| 3CIT301 | Artificial Intelligence and Applications | |
| 3CIT302 | Software Engineering II | |
| | Departmental Elective III | |
| | Open Elective | |
| 3CMT301 | Optimization Techniques Linear Programming | |
| 3CHSMC301 | Human Values and Ethics | |
| PRAG | CTICAL/DESIGN/DRAWING SESSIONAL | |
| 3CIT301P | Artficial Intelligence and Applications Lab | |
| 3CITS301 | Industrial Lecture/Seminar** | |
| 3CPROJ301 | Project -I | |
| | SEMESTER 6 | |
| 3CPROJ302 | Project- II | |

**Denotes Qualifying Non Credit Course

| Departmental Elective | |
|-----------------------|---------------------------------|
| 3CITE201 | System Analysis & Simulation |
| 3CITE202 | Computer Graphics |
| 3CITE203 | Python Programming |
| 3CITE301 | Internet and Website Management |
| 3CITE302 | Image Processing |

| Open Elective (Any one of the following) | |
|--|----------------------------------|
| 3CBME301 | Managerial Economics |
| 3CBME302 | Business finance |
| 3CBME303 | Corporate Planning |
| 3CBME304 | MIS Framework and Implementation |



BCA - Bachelor of Computer Application

COURSE INFORMATION

The purpose of this degree is to prepare students for entry-level computer science positions in business and industry. Specifically, the program is designed to assist candidates to obtain quality graduate-level content expertise in major areas of computer science, information technology, management, and Internet and web technologies. The programme is case-oriented and application based. The degree is carried out in three years. Project is a major part of the third year.

COURSE DURATION - 3 YEARS | CREDITS REQUIRED - 120

ELIGIBLITY - 10 + 2 FROM ANY RECOGNISED BOARD

| | SEMESTER 1 | |
|------------------------------------|--|--|
| Course Code | Course Title | |
| 3C.101 | Computer Fundamentals | |
| 3C.102 | Fundamentals of Computer Programming | |
| 3C.131 | Principles of Management | |
| 3C.104 | Software Constructs and Tools | |
| 40B.101 | Life Skills 1 | |
| PRACTICAL/DESIGN/DRAWING SESSIONAL | | |
| 3CP.101 | MS-Office | |
| 3CP.102 | C Programming Lab | |
| SEMESTER 2 | | |
| 3C.153 | Data Structure and Algorithms | |
| 3C.154 | Operating Systems | |
| 3C.155 | VB.Net | |
| 3C.152 | Computer Architecture | |
| 3C.182 | Discrete Mathematics** | |
| 40B.151 | Life Skills 2 | |
| PRACTI | CAL/DESIGN/DRAWING SESSIONAL | |
| 3CP.153 | Data Structure Lab | |
| 3CP.155 | Visual Programming Lab | |
| | SEMESTER 3 | |
| 3C.201 | Object Oriented Programming with C++ | |
| 3C.202 | Database Management Systems | |
| 3C.203 | Software Engineering Techniques | |
| 3C.221 | E-Commerce | |
| 14B.201 | Disaster Management** | |
| 40B.201 | Communication and Soft Skills | |
| PRACTI | CAL/DESIGN/DRAWING SESSIONAL | |
| 3CP.202 | Database Management Systems Lab | |
| 3CP.201 | Object Oriented Programming with C++ Lab | |

| | SEMESTER 4 | |
|-------------|--|--|
| Course Code | Course Title | |
| 3C.273 | Computer Graphics | |
| 3C.271 | Data Communication | |
| 3C.251 | Unix and Shell Programming | |
| 3C.272 | Numerical Analysis and Statistical Methods | |
| 40B.251 | Professional skills | |
| PRACTIC | AL/DESIGN/DRAWING SESSIONAL | |
| 3CP.273 | Computer Graphics Lab | |
| 3CP.251 | Unix and Shell Programming Lab | |
| SEMESTER 5 | | |
| 3C.301 | Programming in Java | |
| 3C.321 | Data Mining and Warehousing | |
| 3C.322 | Departmental Elective | |
| 3C.323 | Cloud Computing | |
| 3C.324 | Soft Computing | |
| 40B.401 | Seminar in Executive Communication** | |
| PRACTIC | AL/DESIGN/DRAWING SESSIONAL | |
| 3CP.301 | Programming in Java Lab | |
| | | |
| | SEMESTER 6 | |
| 3C.351 | Technique of Artificial Intelligence | |
| 9.152 | Environmental Studies | |
| 40B.451 | Human Values & Ethics** | |
| | Open Elective | |
| PRACTIC | AL/DESIGN/DRAWING SESSIONAL | |
| 3CP.351 | AI Lab using Python | |
| 3C.395 | Project | |

**Denotes Qualifying Non Credit Course

| Departmental Elective (Any one of the following) | |
|--|-----------------------------------|
| 3C.322 | Internet and Website Management |
| 3.421 | Cryptography and Network Security |
| 6.304 | Digital Signal Processing |
| 6.255 | Digital Electronics |

| Open Elective (Any one of the following) | |
|--|---------------------------|
| 11.202 | Research Methodology |
| 11.301 | Project Management |
| 6.304 | Digital Signal Processing |
| 11.254 | Business Ethics |



BCA - Cloud Technology

COURSE INFORMATION

Become successful Cloud Technology and information Security Process enablers who are competent, innovative and productive in addressing the needs of the Industry, Society and/or pursue higher education and research. Grow professionally with their knowledge and skills and develop a passion for lifelong learning. Demonstrate high standard of ethical conduct, positive attitude and societal responsibilities.

COURSE DURATION- YRS

ELIGIBLITY - 1

| | SEMESTER 1 | |
|-------------|--|--|
| Course Code | Course Title | |
| Bsc101 | English-I | |
| Bsc102 | Theory of Mathematics | |
| Bsc103 | Computer Architecture & Organization | |
| Bsc104 | Programming in C | |
| Bsc105 | Operating Systems | |
| Bsc106 | Database Management System | |
| Bsc107L | Database Management System Lab | |
| Bsc108 | Effective Communication Skills | |
| | SEMESTER 2 | |
| Bsc201 | English-II | |
| Bsc202 | UNIX and Shell Scripting | |
| Bsc203 | Object Oriented Programming Using Java | |
| Bsc204 | Data Structures Using C | |
| Bsc205 | Computer Networks | |
| Bsc206 | System Configuration and Maintenance | |
| Bsc207L | Data Structures using C Lab | |
| Bsc208 | Personality Development | |
| | SEMESTER 3 | |
| Bsc301 | Cloud Computing | |
| Bsc302 | Information Security | |
| Bsc303 | Client Side Scripting | |
| Bsc304 | Storage and Datacenter | |
| Bsc305 | Server Administration | |
| Bsc306 | Software Engineering | |
| Bsc307L | Server Administration Lab | |
| Bsc308 | Business Communication & Presentation Skills | |

| | SEMESTER 4 | | |
|-------------|---|--|--|
| Course Code | Course Title | | |
| Bsc401 | Principles of Virtualization | | |
| Bsc402 | Database security fundamentals | | |
| Bsc403 | Automation and Configuration Management | | |
| Bsc404 | Server Side Scripting | | |
| Bsc405 | Network Security | | |
| Bsc406 | Ethical Hacking | | |
| Bsc407L | Ethical Hacking Lab | | |
| Bsc408 | Logical Reasoning and Thinking | | |
| SEMESTER 5 | | | |
| Bsc501 | Cloud Scripting Using PAAS | | |
| Bsc502 | Hybrid Cloud Computing | | |
| Bsc503 | Application and web Security | | |
| Bsc504 | Mobile Wireless and VOIP Security | | |
| Bsc505 | Elective-I | | |
| Bsc506 | Digital Forensics and Investigation | | |
| Bsc507L | Digital Forensics and Investigation Lab | | |
| Bsc508 | Working Towards Placements | | |
| | Elective – I (Any one of the following) | | |
| | Cloud Web Services | | |
| | Infrastructure Solutions on Cloud | | |
| | SEMESTER 6 | | |
| Bsc601 | Elective-II | | |
| Bsc602P | Major Project / Internship | | |
| | Elective – II (Any one of the following) | | |
| | IT Governance, Risk & Information Security Management | | |
| | Android Security | | |



MBA- Master of Business Administration

COURSE INFORMATION

The degree provides the individuals the unique opportunity to develop their full potential as business leaders of the 21st Century. The program has been designed to enable students to acquire a firm understanding of the major area of knowledge and philosophical approaches that underpin general management. It allows specialization in particular area of management by selecting one of the clusters of strategic specialist units.

COURSE DURATION - 2 YEARS | CREDITS REQUIRED - 108

ELIGIBLITY - GRADUATION FROM ANY RECOGNISED UNIVERSITY

| SEMESTER I | | | |
|----------------------|--|--|--|
| Course Code | Course Title | | |
| 11.501 | Principles of Management | | |
| 11.502 | Quantitative methods | | |
| 11.503 | Managerial Economics | | |
| 11.507 | Computer application for Business | | |
| 11.508 | Organizational behavior | | |
| 11.509 | Financial Reporting, Statement Analysis | | |
| 40M.101 | Life Skills 1 | | |
| | SEMESTER II | | |
| | Departmental Elective | | |
| 11.552 | Human resource management | | |
| 11.553 | Marketing Management | | |
| 11.557 | Corporate Finance | | |
| 11.558 | Operation Research | | |
| 11.559 | Marketing Research | | |
| 40M.151 | Life Skills 2 | | |
| 14M.201 | Disaster Management | | |
| | SEMESTER III | | |
| Course Code | Course Title | | |
| 11.604 | Corporate Strategy | | |
| | Open Elective | | |
| 40M.401 | Seminar in Executive Communication * | | |
| 11.603 | Summer Training | | |
| | SPECIALISATION PAPERS - FINANCE | | |
| 11.621.5 | Taxation | | |
| 11.621.6 | Investment analysis and portfolio management | | |
| 11.621.7 | Managining Bank and financial institutions | | |
| | HUMAN RESOURCE | | |
| 11.622.5 | Compensation and Benefit management | | |
| 11.622.6 | Manpower planning and Recruitment | | |
| 11.622.7 | Team dynamic at work | | |
| | MARKETING | | |
| 11.623.5 | Product and Brand Management | | |
| 11.623.3 | Sales and Distribution Management | | |
| 11.623.2 | Consumer Behaviour | | |
| | INFORMATION TECHNOLOGY | | |
| 11.624.5 | Data mining for business decsions | | |
| 22.025 | | | |
| 11.624.6 11.624.7 | Strategic Management of IT | | |

| | SEMESTER IV | | |
|------------------------|--|--|--|
| Course Code | Course Title | | |
| 11.654 | Enterpreneurship | | |
| 11.652 | Environmental Management | | |
| 11.653 | Project Work | | |
| 40M.451 | Human Values & Ethics | | |
| S | SPECIALISATION PAPERS - FINANCE | | |
| 11.671.5 | International Finance | | |
| 11.671.6 | Project Planning Appraisal and Finance | | |
| 11.671.7 | Financial Derivatives | | |
| | HUMAN RESOURCE | | |
| 11.672.5 | International HRM | | |
| 11.672.6 | Employee Relation | | |
| 11.672.3 | Cross Cultural Management | | |
| | MARKETING | | |
| 11.673.5 | Services Marketing | | |
| 11.673.2 | Retail management | | |
| 11.673.6 | International Marketing | | |
| INFORMATION TECHNOLOGY | | | |
| 11.674.5 | E-Commerce and digital market | | |
| 11.674.6 | Managing software project | | |
| 11.674.7 | IT consulting | | |

| Open Elective: Through Moocs | |
|---|-------------------------------------|
| Departmental Electives (Any one of the following) | |
| 11.651 | Entrepreneurship and small Business |
| 11.602 | Management Information system |



MBA in Business Analytics

COURSE INFORMATION

The degree provides the individuals the unique opportunity to develop their full potential as business leaders of the 21st Century. The program has been designed to enable students to acquire a firm understanding of the major area of knowledge and philosophical approaches that underpin general management. It allows specialization in particular area of management by selecting one of the clusters of strategic specialist units.

COURSE DURATION - 2 YEARS | CREDITS REQUIRED - 108

ELIGIBLITY - GRADUATION FROM ANY RECOGNISED UNIVERSITY

| SEMESTER 1 | | |
|-------------|---|--|
| Course Code | Course Title | |
| 11P.101 | Accounting for Managers | |
| 11P.102 | Managerial Economics | |
| 11P.103 | Legal Aspects of Business | |
| 11P.104 | Organisational Behaviour | |
| 11P.105 | Decision Sciences | |
| 11P.106 | Marketing Management | |
| 11P.107 | Financial Modelling with Excel | |
| 11P.108 | Management Fundamentals | |
| 11P.109 | Business Communication | |
| | SEMESTER 2 | |
| 11P.201 | Financial Management | |
| 11P.202 | Human Resource Management | |
| 11P.203 | Management Information System | |
| 11P.204 | Operations and Supply Chain Management | |
| 11P.205 | Applied Statistics and Probability | |
| 11P.206 | Big Data Analytics | |
| 11P.207 | Time series and Forecasting Techniques | |
| 11P.208 | Machine Learning and Applications | |
| 11P.209 | Summer Internship | |
| | SEMESTER 3 | |
| 11P.301 | Artificial Intelligence and Deep Learning | |
| 11P.302 | Multi variate Data Analysis | |
| 11P.303 | Optimization Techniques | |
| 11P.304 | Data Analytics with Python | |
| 11P.305 | Financial Analytics using R | |
| 11P.306 | Analytics Elective -1 | |
| 11P.307 | General Elective-1 | |
| | SEMESTER 4 | |
| 11P.401 | Analytics Elective-II | |
| 11P.402 | Analytics Elective-III | |
| 11P.403 | Analytics Elective -IV | |
| 11P.404 | Analytics Elective-V | |
| 11P.405 | General Elective-II | |
| 11P.406 | Capstone Project | |

| General Elective -1 | Courses |
|--------------------------|--|
| 11P.307.1 | Public Relations and Corporate Image |
| 11P.307.2 | Entrepreneurship Skill Development |
| 11P.307.3 | Business Ethics & Corporate Governance I |
| General Elective -2 | Courses |
| 11P.405.1 | Startup and New Venture Management |
| 11P.405.2 | Strategic Management |
| 11P.405.3 | Integrated Marketing Communications |
| Analytics Electives | |
| Elective 1- Finance | Courses |
| 11P.306.1 | Derivatives & Trading Strategy |
| 11P.306.2 | Technical Analysis |
| 11P.306.3 | Credit Risk |
| 11P.306.4 | Fraud Detection |
| 11P.306.5 | Portfolio Stress Testing |
| Elective 2- HR | Courses |
| 11P.401.1 | Recruitment Planning |
| 11P.401.2 | Compensation Management |
| 11P.401.3 | Training |
| 11P.401.4 | Attrition & Retention Strategies |
| 11P.401.5 | Performance Management |
| Elective 3- Marketing | Courses |
| 11P.402.1 | Pricing |
| 11P.402.2 | Churn & Designing Loyalty Programme |
| 11P.402.3 | Segmentation |
| 11P.402.4 | Social Media Analysis |
| 11P.402.5 | Campaign Management |
| Elective 4- Supply Chain | Courses |
| 11P.403.1 | Forecasting Future Demand |
| 11P.403.2 | Materials |
| 11P.403.3 | Logistics |
| 11P.403.4 | Supplier Analytics |
| Elective 5-Health Care | Courses |
| 11P.404.1 | Electronic Health Records(EHR) |
| 11P.404.2 | Patient Care Management |
| 11P.404.3 | Cost Reduction |



BBA- Bachelor of Business Administration

COURSE INFORMATION

The Program is designed to provide a flexible route to obtain a general business degree and consists of core and option units. Core Units provide a general business understanding whilst options allow students to select units from area of interest. Students are also required to produce a project on a business related subject of their choice.

COURSE DURATION - 3 YEARS | CREDITS REQUIRED - 120

ELIGIBLITY - 10 + 2 FROM ANY RECOGNISED BOARD

| SEMESTER I | | |
|-------------|--------------------------------|--|
| Course Code | Course Title | |
| 11.101 | Organisation Behaviour | |
| 11.102 | Principles Of Management | |
| 11.103 | Computer Fundamentals | |
| 40B.101 | Life Skills 1 | |
| 11.104 | Basic Accounting | |
| 11.105 | Business Mathematics | |
| SEMESTER II | | |
| 11.156 | Cost and Management Accounting | |
| 11.152 | Marketing Management | |
| 11.153 | Human Resource Management | |
| 40B.151 | Life Skills 2 | |
| 11.154 | Business Economics | |
| 11.155 | Management Science | |
| | SEMESTER III | |
| 11.201 | Labour Laws | |
| 11.202 | Research Methodology | |
| 11.203 | Legal Aspects Of Business | |
| 40B.201 | Communication And Soft Skills | |
| 11.204 | Financial Management I | |
| 11.205 | Business Environment | |
| 14B.201 | Disaster Management | |

| SEMESTER IV | | | |
|-------------|--|--|--|
| Course Code | Course Title | | |
| 11.251 | Financial Management II | | |
| 11.252 | Quantitative Tech.For Business | | |
| 11.253 | International Business Management | | |
| 40B.251 | Professional Skills | | |
| 11.254 | Business Ethics | | |
| | SEMESTER V | | |
| | Departmental Elective | | |
| 11.302 | Consumer Behaviour | | |
| 11.303 | Business Strategy | | |
| 40B.401 | Seminar In Executive Communication * | | |
| 11.304 | Introduction To Database Management System | | |
| 11.305 | Summer Training/ Field Visit | | |
| | SEMESTER VI | | |
| 40B.451 | Human Values & Ethics* | | |
| | Open Elective | | |
| 11.352 | Enterpreneurship Management | | |
| 11.353 | Project Work | | |
| 9.152 | Environmental Studies | | |

Note:* Indicates Qualifying papers

| Departmental Electives (Any one of the following) | |
|---|--------------------------------------|
| 11.301 | Project Management |
| 11.306 | Fundamentals of Sales & Distribution |
| 11.309 | Services Marketing |
| 11.308 | Introduction to Banking |

| Open Elective (Any one of the following) | | |
|--|---|--|
| 11.351 | Marketing Research | |
| 3C.271 | Data Communication | |
| 3C.152 | Computer Architecture | |
| 13A.354 | Agriculture Finance Business Management & Trade | |
| 7.451 | Non-conventional Energy | |

Note: (T+P): T-Theory and P-Practical

PROSPECTUS



BBA-LOGISTICS

COURSE INFORMATION

The program is designed with 21 Paper of 7 per each odd semester, 6 practical paper of two paper each even semester, 3 Industry-certification cources atone in each even semester, On-Job Apprenteship Training for 8 months (450 days) spread equally accross the three even semester.

COURSE DURATION - 3 YEARS | CREDIT REQUIRED - 154

ELIGIBILITY - 10+2 FROM ANY RECOGNISED BOARD

| SEMESTER I | | | |
|-------------|--|--|--|
| Course Code | Course Title | | |
| L19C01 | Functional English | | |
| L19C02 | Computer Application for Business | | |
| L19C03 | Fundamentals of Logistics | | |
| L19C04 | Principles of Management | | |
| L19C05 | Business Statistics | | |
| L19C06 | Materials Management | | |
| L19C07 | Warehousing & Distribution Centre Operations | | |
| | SEMESTER II | | |
| L19C08 | Materials Management – Practical | | |
| L19C09 | Warehousing Management – Practical | | |
| L19A01 | Allied course (1 out of 2) - MOOC | | |
| L19C10 | Apprenticeship – I | | |
| | SEMESTER III | | |
| L19C11 | Environmental Studies | | |
| L19C12 | Business Communication | | |
| L19C13 | Freight Forwarding (Ocean & Air Cargo) | | |
| L19C14 | Forecasting and Inventory Management | | |
| L19C15 | Surface Transportation | | |
| L19C16 | Human Resources Management | | |
| L19C17 | Management and Cost Accounting | | |

100% PLACEMENT

In Collaboration With





18 Months On-Job-Training during the course with Stipend Upto Rs.9000/- p.m

| SEMESTER IV | | | |
|-------------|--|--|--|
| Course Code | Course Title | | |
| L19C18 | Surface Transportation – Practical | | |
| L19C19 | Forecasting & Inventory Management – Practical | | |
| L19A02 | Allied Course (1 out of 2) - MOOC | | |
| L19C20 | Apprenticeship – II | | |
| | SEMESTER V | | |
| L19C21 | MIS for Logistics | | |
| L19C22 | International Logistics Management | | |
| L19C23 | Marketing Management | | |
| L19C24 | Retail Logistics and E-Commerce | | |
| L19C25 | Logistics Network Design | | |
| L19C26 | Port Terminal Logistics | | |
| L19C27 | Liner Logistics | | |
| | SEMESTER VI | | |
| L19C28 | Logistics Network Design – Practical | | |
| L19C29 | Freight Forwarding – Practical | | |
| L19A03 | Allied Course (1 out of 2) - MOOC | | |
| L19C30 | Apprenticeship – III | | |

Allied Courses - MOOC

| Course Code | Course Title |
|-------------|--|
| L19A01A | Warehouse Automation (Semester II) |
| L19A01B | Best Practices in Transportation (semester II) |
| L19A02A | Inland Waterways & Costal Shipping |
| L19A02B | Courier, Express & Parcel Services |
| L19A03A | In plant Logistics |
| L19A03B | Documentation for Exports & Imports |



BBA in Financial Services

COURSE INFORMATION

Broad goals that provide a larger, overall perspective on the institutional, vertical and program statement of purpose. Help students develop proficiency in written communications and presentations with the ability to explain complex financial transactions and data. Demonstrate the ability to collect financial information and use it for solving business problems. Impart knowledge about business risk and its management through insurance.

COURSE DURATION - 3 YEARS | CREDITS REQUIRED - 120

ELIGIBLITY - 10 + 2 FROM ANY RECOGNISED BOARD

| SEMESTER 1 | | |
|-------------|--------------------------------------|--|
| Course Code | Course Title | |
| 11Q.101 | Fundamentals of Financial Accounting | |
| 11Q.102 | Management Concepts and Practices | |
| 11Q.103 | Fundamentals of Managerial Economics | |
| 11Q.104 | Business Statistics | |
| 11Q.105 | IT Skills for Business-I | |
| 11Q.106 | Business English | |
| SEMESTER 2 | | |
| 11Q.201 | Cost and Management Accounting | |
| 11Q.202 | Business Environment | |
| 11Q.203 | Principles of Marketing Management | |
| 11Q.204 | Applied Macro Economics | |
| 11Q.205 | Environment Studies | |
| 11Q.206 | IT Skill for Business-II | |
| | SEMESTER 3 | |
| 11Q.301 | Indian Financial System | |
| 11Q.302 | Financial Management-I | |
| 11Q.303 | Human Resource Management | |
| 11Q.304 | Insurance and Risk Management | |
| 11Q.305 | Business Research Methods | |
| 11Q.306 | Entrepreneurship and Innovations | |

| SEMESTER 4 | | |
|-------------|--|--|
| Course Code | Course Title | |
| 11Q.401 | Business Law | |
| 11Q.402 | Fundamentals of Business Taxation | |
| 11Q.403 | Financial Management-II | |
| 11Q.404 | Marketing of Financial Services & Products | |
| 11Q.405 | Financial Planning and Wealth Management | |
| 11Q.406 | Professional Grooming Practices | |
| SEMESTER 5 | | |
| 11Q.501 | Fundamentals of Strategy | |
| 11Q.502 | Business Intelligence & Business Analytics | |
| 11Q.503 | Financial Modelling by Excel | |
| 11Q.504 | Digital Banking | |
| 11Q.505 | Financial Research Analysis | |
| 11Q.506 | Investment Analysis and Portfolio Management | |
| | SEMESTER 6 | |
| 11Q.601 | Business Ethics and Values | |
| 11Q.602 | International Financial Management | |
| 11Q.603 | Project Finance | |
| 11Q.604 | Derivatives and Commodity Market | |
| 11Q.605 | Indian Fin-Tech Environment | |
| 11Q.606 | Project Work | |



B.Tech in Mining Engineering

COURSE INFORMATION

This programme of Mining Engineering Department at the Jharkhand Rai University, Ranchi prepares the students for productive, life-long careers in mining and related industries or disciplines. It will provide knowledge with useful for producing the region's mineral resources, educate graduates to work in any area of planning & development in Mine and Mineral industry, disseminate newly acquired knowledge to assist in the environmentally responsible and safe extraction of mineral resources.

COURSE DURATION - 4 YEARS / 3 YEARS (Laterral Entry) | CREDIT REQUIRED - 120

ELIGIBILITY - 10+2 IWITH PCM FROM ANY RECOGNISED UNIVERSITY

| SEMESTER I | | |
|--|---|--|
| Course Code | Course Title | |
| BSC101 | Physics I | |
| BSC102 | Mathematics I | |
| ESC101 | Basic Electrical Engineering | |
| ESC102 | Engineering Graphics & Design | |
| HSMC101 | English | |
| PRACTIC | AL/DESIGN/DRAWING SESSIONAL | |
| BSC101P | Physics I Lab | |
| ESC101P | Basic Electrical Engineering Lab | |
| ESC102P | Engineering Graphics & Design Lab | |
| | SEMESTER II | |
| BSC103 | Chemistry I | |
| BSC104 | Mathematics II | |
| ESC103 | Programming for Problem Solving | |
| ESC104 | Workshop Practice | |
| MC101 | **Environmental Science | |
| HSMC102 | **Life Skills | |
| PRACTIO | AL/DESIGN/DRAWING SESSIONAL | |
| BSC103P | Chemistry I Lab | |
| ESC103P | Programming for Problem Solving Lab | |
| ESC104P | Workshop Practice Lab | |
| ** NO | TE: Qualifying Non Credit Course | |
| | SEMESTER III | |
| | | |
| 8BSC201 | Mathematics III | |
| 8BSC201 8ESC201 | Mathematics III Engineering Mechanics | |
| | | |
| 8ESC201 | Engineering Mechanics | |
| 8ESC201 8PCCMiE201 | Engineering Mechanics Introduction to Mining | |
| 8ESC201 8PCCMiE201 8PCCMiE202 | Engineering Mechanics Introduction to Mining Mining Geology | |
| 8ESC201 8PCCMiE201 8PCCMiE202 8PCCMiE203 HSMC201 | Engineering Mechanics Introduction to Mining Mining Geology Mine Surveying I | |
| 8ESC201 8PCCMiE201 8PCCMiE202 8PCCMiE203 HSMC201 | Engineering Mechanics Introduction to Mining Mining Geology Mine Surveying I Effective Technical Communication | |
| 8ESC201 8PCCMiE201 8PCCMiE202 8PCCMiE203 HSMC201 PRACTIO | Engineering Mechanics Introduction to Mining Mining Geology Mine Surveying I Effective Technical Communication AL/DESIGN/DRAWING SESSIONAL | |
| 8ESC201 8PCCMiE201 8PCCMiE202 8PCCMiE203 HSMC201 PRACTIC 8PCCMiE202P | Engineering Mechanics Introduction to Mining Mining Geology Mine Surveying I Effective Technical Communication CAL/DESIGN/DRAWING SESSIONAL Mining Geology Lab | |
| 8ESC201 8PCCMiE201 8PCCMiE202 8PCCMiE203 HSMC201 PRACTIC 8PCCMiE202P | Engineering Mechanics Introduction to Mining Mining Geology Mine Surveying I Effective Technical Communication AL/DESIGN/DRAWING SESSIONAL Mining Geology Lab Mine Surveying I Lab | |
| 8ESC201 8PCCMiE201 8PCCMiE202 8PCCMiE203 HSMC201 PRACTIC 8PCCMiE202P 8PCCMiE203P | Engineering Mechanics Introduction to Mining Mining Geology Mine Surveying I Effective Technical Communication AL/DESIGN/DRAWING SESSIONAL Mining Geology Lab Mine Surveying I Lab SEMESTER IV | |
| 8ESC201 8PCCMiE201 8PCCMiE202 8PCCMiE203 HSMC201 PRACTIC 8PCCMiE202P 8PCCMiE203P | Engineering Mechanics Introduction to Mining Mining Geology Mine Surveying I Effective Technical Communication CAL/DESIGN/DRAWING SESSIONAL Mining Geology Lab Mine Surveying I Lab SEMESTER IV Mechanical Engineering Drilling & Blasting | |
| 8ESC201 8PCCMiE201 8PCCMiE202 8PCCMiE203 HSMC201 PRACTIC 8PCCMiE202P 8PCCMiE203P 8ESC202 8PCCMiE204 | Engineering Mechanics Introduction to Mining Mining Geology Mine Surveying I Effective Technical Communication CAL/DESIGN/DRAWING SESSIONAL Mining Geology Lab Mine Surveying I Lab SEMESTER IV Mechanical Engineering | |
| 8ESC201 8PCCMiE201 8PCCMiE202 8PCCMiE203 HSMC201 PRACTIC 8PCCMiE202P 8PCCMiE203P 8ESC202 8PCCMiE204 8PCCMiE204 8PCCMiE205 | Engineering Mechanics Introduction to Mining Mining Geology Mine Surveying I Effective Technical Communication CAL/DESIGN/DRAWING SESSIONAL Mining Geology Lab Mine Surveying I Lab SEMESTER IV Mechanical Engineering Drilling & Blasting Geology for Mining Engineers | |
| 8ESC201 8PCCMiE201 8PCCMiE202 8PCCMiE203 HSMC201 PRACTIC 8PCCMiE202P 8PCCMiE203P 8ESC202 8PCCMiE204 8PCCMiE204 8PCCMiE205 8PCCMiE205 8PCCMiE205 | Engineering Mechanics Introduction to Mining Mining Geology Mine Surveying I Effective Technical Communication AL/DESIGN/DRAWING SESSIONAL Mining Geology Lab Mine Surveying I Lab SEMESTER IV Mechanical Engineering Drilling & Blasting Geology for Mining Engineers Mine Development | |
| 8ESC201 8PCCMiE201 8PCCMiE202 8PCCMiE203 HSMC201 PRACTIC 8PCCMiE202P 8PCCMiE203P 8ESC202 8PCCMiE204 8PCCMiE205 8PCCMiE205 8PCCMiE206 8PCCMiE206 8PCCMiE206 | Engineering Mechanics Introduction to Mining Mining Geology Mine Surveying I Effective Technical Communication AL/DESIGN/DRAWING SESSIONAL Mining Geology Lab Mine Surveying I Lab SEMESTER IV Mechanical Engineering Drilling & Blasting Geology for Mining Engineers Mine Development Mine Surveying II Professional Practices, Laws & Ethics | |
| 8ESC201 8PCCMiE201 8PCCMiE202 8PCCMiE203 HSMC201 PRACTIC 8PCCMiE202P 8PCCMiE203P 8ESC202 8PCCMiE204 8PCCMiE204 8PCCMiE205 8PCCMiE206 8PCCMiE206 8PCCMiE207 HSMC202 MC201 | Engineering Mechanics Introduction to Mining Mining Geology Mine Surveying I Effective Technical Communication AL/DESIGN/DRAWING SESSIONAL Mining Geology Lab Mine Surveying I Lab SEMESTER IV Mechanical Engineering Drilling & Blasting Geology for Mining Engineers Mine Development Mine Surveying II | |
| 8ESC201 8PCCMiE201 8PCCMiE202 8PCCMiE203 HSMC201 PRACTIC 8PCCMiE202P 8PCCMiE203P 8ESC202 8PCCMiE204 8PCCMiE204 8PCCMiE205 8PCCMiE206 8PCCMiE206 8PCCMiE207 HSMC202 MC201 | Engineering Mechanics Introduction to Mining Mining Geology Mine Surveying I Effective Technical Communication CAL/DESIGN/DRAWING SESSIONAL Mining Geology Lab Mine Surveying I Lab SEMESTER IV Mechanical Engineering Drilling & Blasting Geology for Mining Engineers Mine Development Mine Surveying II Professional Practices, Laws & Ethics **Disaster Management CAL/DESIGN/DRAWING SESSIONAL | |
| 8ESC201 8PCCMiE201 8PCCMiE202 8PCCMiE203 HSMC201 PRACTIC 8PCCMiE202P 8PCCMiE203P 8ESC202 8PCCMiE204 8PCCMiE205 8PCCMiE205 8PCCMiE206 8PCCMiE206 RPCCMiE207 HSMC202 MC201 PRACTIC | Engineering Mechanics Introduction to Mining Mining Geology Mine Surveying I Effective Technical Communication AL/DESIGN/DRAWING SESSIONAL Mining Geology Lab Mine Surveying I Lab SEMESTER IV Mechanical Engineering Drilling & Blasting Geology for Mining Engineers Mine Development Mine Surveying I I Professional Practices, Laws & Ethics **Disaster Management AL/DESIGN/DRAWING SESSIONAL Geology for Mining Engineers Lab | |
| 8ESC201 8PCCMiE201 8PCCMiE202 8PCCMiE203 HSMC201 PRACTIC 8PCCMiE202P 8PCCMiE203P 8ESC202 8PCCMiE204 8PCCMiE205 8PCCMiE205 8PCCMiE206 8PCCMiE207 HSMC202 MC201 PRACTIC 8PCCMiE205 8PCCMiE207 | Engineering Mechanics Introduction to Mining Mining Geology Mine Surveying I Effective Technical Communication CAL/DESIGN/DRAWING SESSIONAL Mining Geology Lab Mine Surveying I Lab SEMESTER IV Mechanical Engineering Drilling & Blasting Geology for Mining Engineers Mine Development Mine Surveying II Professional Practices, Laws & Ethics **Disaster Management CAL/DESIGN/DRAWING SESSIONAL | |

Vocational Training in a Surface / Underground Mine of minimum 30 (Thirty) days to be taken at the end of IVth Semester Will be Credited in Vth Semester.

| SEMESTER V | | |
|---|---------------------------------|--|
| Course Code | Course Title | |
| 8PCCMiE301 | Mining Machinery I | |
| 8PCCMiE302 | Surface Mining | |
| 8PCCMiE303 | Underground Coal Mining | |
| 8PCCMiE304 | Rock Mechanics | |
| 8PCCMiE305 | Numerical & Statistical Methods | |
| 8PCCMiE306 | Remote Sensing & GIS | |
| HSMC301 | **Professional Skills | |
| MC301 | **Constitution of India | |
| PRACTICAL/DESIGN/DRAWING SESSIONAL | | |
| 8PCCMiE304P | Rock Mechanics Lab | |
| 8PROJMiE301 | Vocational Training Report I | |
| Vocational Training in a Surface / Underground Mine of minimum 30 | | |
| | | |

Vocational Training in a Surface / Underground Mine of minimum 30
(Thirty) days to be taken at the end of Vth Semester Will be Credited in
Vilth Semester

| ` " ' | VIIth Semester. | |
|---------------------------------------|---|--|
| | SEMESTER VI | |
| 8PCCMiE308 | Underground Metal Mining | |
| 8PCCMiE309 | Advanced Underground Mining | |
| 8PCCMiE310 | Mine Ventilation | |
| 8PCCMiE311 | Mine Planning | |
| 8PCCMiE312 | Ground Control | |
| HSMC302 | **Soft Skills & Interpersonal Communication | |
| PRACTICAL/DESIGN/DRAWING SESSIONAL | | |
| 8PCCMiE310P | Mine Ventilation Lab | |
| 8PCCMiE312P | Ground Control Lab | |
| 8PCCMiE313P | Mine Planning & Design Exercise | |
| ** NO | TE: Qualifying Non Credit Course | |
| | SEMESTER VII | |
| 8PCCMiE401 | Mine Environmental Engineering | |
| 8PCCMiE402 | Environmental Aspect of Mining | |
| 8PCCMiE403 | Mining Machinery II | |
| 8PCCMiE404 | Mine Legislation & Safety I | |
| PROFESSIONAL EL | ECTIVE (Any one of the following subjects) | |
| 8PECMiEEL401 | Dimensional Stone Mining | |
| 8PECMiEEL402 | Rock Excavation Engineering | |
| 8PECMiEEL403 | Design of Open Pit Mines | |
| HSMC401 | **Seminar in Executive Communication | |
| PRACTIC | AL/DESIGN/DRAWING SESSIONAL | |
| PCCMiE401P | Mine Environmental Engineering Lab | |
| PROJMiE401 | Vocational Trainee Report II | |
| ** NO | TE: Qualifying Non Credit Course | |
| | SEMESTER VIII | |
| 8PCCMiE405 | Operational Research in Mining | |
| 8PCCMiE406 | Mine Legislation & Safety II | |
| 8PCCMiE407 | Mine Management | |
| 8PCCMiE408 | Fuel Technology & Mineral Processing | |
| 8PCCMiE409 | Mine & Mineral Economics | |
| OPEN ELECTI | VE (Any one of the following subjects) | |
| 80EEL401 | Engineering Economics | |
| 80EEL402 | Industrial Management | |
| 80EEL403 | Coal Bed Methane Mining | |
| HSMC402 | **Human Values & Ethics | |
| PRACTIC | AL/DESIGN/DRAWING SESSIONAL | |
| 8PCCMiE408P | Fuel Technology & Mineral Processing Lab | |
| 8PROJMiE402 | Mining Project Work | |
| ** NOTE: Qualifying Non Credit Course | | |



Diploma in Mining Engineering

COURSE INFORMATION

The course is designed to provide a broad knowledge and foundation of mining engineering to the students. The aim is to prepares the students for entering the profession of mining, as well as for further studies at the graduate and post-graduate level.

COURSE DURATION - 3 YRS / 2 YRS (LATERAL ENTRY) | CREDITS REQUIRED -120/72

ELIGIBLITY - 10th/ 10 + 2 (PCM) FROM ANY RECOGNISED BOARD

| SEMESTER - 1 | | | | |
|------------------------------------|---|---|---|---|
| Sub Code | Subject | L | Р | С |
| 9D.103 | Basic Mathematics I | 3 | 0 | 3 |
| 9D.106 | Basic Physics I | 3 | 0 | 3 |
| 9D.104 | Basic Chemistry 3 | | 0 | 3 |
| 9D.102 | Computer Fundamental 2 | | 0 | 2 |
| 40.101 | Life Skills I 2 C | | | 2 |
| PRACTICAL/DESIGN/DRAWING/SESSIONAL | | | | |
| 9DP.106 | Basic Physics Lab. | 0 | 2 | 1 |
| 9DP.104 | Basic Chemistry Lab. | 0 | 2 | 1 |
| 9DP.107 | Workshop Practice I | 0 | 4 | 2 |
| 9DP.102 | Computer Fundamental Lab. | 0 | 2 | 1 |
| 9DP.105 | Basic Engineering Graphics | 0 | 4 | 2 |
| | SEMESTER - 2 | | | |
| 9D.154 | Basic Mathematics II | 3 | 0 | 3 |
| 9D.151 | Basic Physics II | 3 | 0 | 3 |
| 9D.152 | C Programming 2 | | 0 | 2 |
| 9D.153 | Engineering Mechanics | | 0 | 3 |
| 9D.155 | Basic Electrical & Electronics Engineering | 3 | 0 | 3 |
| 40.151 | Life Skills II | 2 | 0 | 2 |
| | PRACTICAL/DESIGN/DRAWING/SESSIONAL | | | |
| 9DP.151 | Basic Physics II Lab. | 0 | 2 | 1 |
| 9DP.152 | C Programming Lab. | 0 | 2 | 1 |
| 9DP.153 | Engineering Mechanics Lab. 0 2 | | 2 | 1 |
| 9DP.155 | Basic Electrical & Electronics Engineering Lab. | | 2 | 1 |
| 9DP.156 | Workshop Practice II | 0 | 4 | 2 |
| | SEMESTER - 3 | | | |
| 9D.204 | Applied Mathematics | 3 | 0 | 3 |
| 7D.205 | Strength of Material | 3 | 0 | 3 |
| 5AD.201 | Fluid Mechanics | 3 | 0 | 3 |
| 5AD.202 | Introduction To Mining | 3 | 0 | 3 |
| 5AD.203 | Surveying | 3 | 0 | 3 |
| 40.201 | Communication and Soft Skills | 2 | 0 | 2 |
| 40.101 | Life Skills I* (Lateral) | 2 | 0 | 0 |
| | PRACTICAL/DESIGN/DRAWING/SESSIONAL | | | |
| 7DP.205 | Strength of Material Lab. | 0 | 2 | 1 |
| 5ADP.201 | Fluid Mechanics Lab. | 0 | 2 | 1 |
| 5ADP.202 | Construction Technology Lab. | 0 | 2 | 1 |
| 5ADP.203 | Surveying Field Work I Lab. | 0 | 2 | 1 |

| SEMESTER - 4 | | | | |
|--------------|---|---|----|---|
| 7BD.251 | Underground Coal Mining Methods & Supports | 3 | 0 | 3 |
| 7BD.252 | Surface Mining | | 0 | 3 |
| 7BD.253 | Underground Metalliferrous Mining & Tunneling | | 0 | 3 |
| 7BD.254 | Mining Hazards | | | 3 |
| 7BD.255 | Mining Geology 3 | | | 3 |
| 40.251 | Professional Skills | 2 | 0 | 2 |
| 40.151 | Life Skills II* (Lateral) | 2 | 0 | 0 |
| | PRACTICAL/DESIGN/DRAWING/SESSIONAL | | | |
| 7BDP.251 | Underground Coal Mining Methods & Supports Lab. | 0 | 2 | 1 |
| 7BDP.254 | Mining Hazards & Safety Lab. | 0 | 2 | 1 |
| 7BDP.255 | Mining Geology Lab. | 0 | 2 | 1 |
| | SEMESTER - 5 | | | |
| 7BD.301 | Mining Machineries I | 3 | 0 | 3 |
| 7BD.303 | Mine Surveying | 3 | 0 | 3 |
| 7BD.304 | Mine Electrical Engineering | | 0 | 3 |
| 7BD.305 | Mine Ventilation | | 0 | 3 |
| 7BD.306 | Rock Excavation Engineering | | 0 | 3 |
| 40.301 | Seminar in Executive Communication* | 2 | 0 | 0 |
| | PRACTICAL/DESIGN/DRAWING/SESSIONAL | | | |
| 7BDP.301 | Mining Machineries I Lab. | 0 | 2 | 1 |
| 7BDP.305 | Mine Ventilation Lab. | 0 | 2 | 1 |
| 7BDP.303 | Mine Surveying Lab. | 0 | 2 | 1 |
| 7BDP.306 | Rock Excavation Engineering Lab. | 0 | 2 | 1 |
| SEMESTER - 6 | | | | |
| 7BD.351 | Mine Economics and Resource Management | 3 | 0 | 3 |
| 7BD.352 | Mine Planning and Design | 3 | 0 | 3 |
| 7BD.353 | Mining Machineries II | 3 | 0 | 3 |
| 7BD.354 | Mine Sampling Assaying and Mineral Dressing | 3 | 0 | 3 |
| 40.351 | Workshop on Managerial skills* | 2 | 0 | 0 |
| | PRACTICAL/DESIGN/DRAWING/SESSIONAL | | | |
| 7BDP.353 | Mining Machineries II Lab. | 0 | 2 | 1 |
| 5AD.395 | Industrial Projects | 0 | 10 | 5 |

L - Lecture | P - Practical | C - Credit

NOTE: * Denotes Qualifying papers



BA. LLB

COURSE INFORMATION

The Bachelor of Arts and Bachelor of Laws (B.A., LL.B.) course is a full-time integrated course (5 years). This Under Graduate course of study aims to bridge the gap between legal theory and praxis. For this, an understanding of the social sciences is essential. Through a combination of courses in arts and law subjects, the Programme is designed in keeping with the latest Bar Council of India rules and the University Grants Commission prescriptions and aims at fostering a culture of scholarship and academic excellence amongst the students.

COURSE DURATION - 5 YEARS | CREDIT REQUIRED - 248
ELIGIBILITY - 10+2 FROM ANY RECOGNISED BOARD

| SEMESTER-I | | |
|----------------------|---|--|
| Course Code Subject | | |
| 24F.101 | English I | |
| 24F.102 | Pol. Science I | |
| 24F.103 | Economics I | |
| 24F.104 | History I | |
| 24F.105 | Contract I | |
| 24F.106 | Law of Torts including CPA And Motor Vehicles | |
| 241.100 | SEMESTER-II | |
| 24F.151 | English II | |
| 24F.152 | Pol. Science II | |
| 24F.153 | Economics II | |
| 24F.154 | History II | |
| 24F.155 | Contract II including Specific Relief | |
| 24F.156 | Constitution I | |
| 2.17.100 | Internship (4 weeks) | |
| | SEMESTER-III | |
| 24F.201 | Psychology I | |
| 24F.202 | Philosophy I | |
| 24F.203 | Sociology I | |
| 24F.204 | Family Law I | |
| 24F.205 | Law of crimes I | |
| 24F.206 | Constitution II | |
| | SEMESTER-IV | |
| 24F.251 | Psychology II | |
| 24F.252 | Philosophy II | |
| 24F.253 | Sociology II | |
| 24F.254 | Family Law II | |
| 24F.255 | Law of crimes II | |
| 24F.256 | Civil Procedure Code and Limitation | |
| Internship (4 weeks) | | |

| SEMESTER-V 24F.301 Jurisprudence 24F.302 Intellectual Property Rights-1 24F.303 Labour law I 24F.304 Property Law 24F.305 Administrative Law SEMESTER-VI 24F.351 Intellectual Property Rights-II 24F.352 Labour Law II 24F.353 Investment and Competition Law 24F.354 Company Law 24F.355 Interpretation of Statutes Internship (4 weeks) SEMESTER-VII 24F.401 Environmental Law 24F.402 Law of Health & Medicine |
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| 24F.302 Intellectual Property Rights-1 24F.303 Labour law I 24F.304 Property Law 24F.305 Administrative Law SEMESTER-VI 24F.351 Intellectual Property Rights-II 24F.352 Labour Law II 24F.353 Investment and Competition Law 24F.354 Company Law 24F.355 Interpretation of Statutes Internship (4 weeks) SEMESTER-VII 24F.401 Environmental Law 24F.402 Law of Health & Medicine |
| 24F.303 Labour law I 24F.304 Property Law 24F.305 Administrative Law SEMESTER-VI 24F.351 Intellectual Property Rights-II 24F.352 Labour Law II 24F.353 Investment and Competition Law 24F.354 Company Law 24F.355 Interpretation of Statutes Internship (4 weeks) SEMESTER-VII 24F.401 Environmental Law 24F.402 Law of Health & Medicine |
| 24F.304 Property Law 24F.305 Administrative Law SEMESTER-VI 24F.351 Intellectual Property Rights-II 24F.352 Labour Law II 24F.353 Investment and Competition Law 24F.354 Company Law 24F.355 Interpretation of Statutes Internship (4 weeks) SEMESTER-VII 24F.401 Environmental Law 24F.402 Law of Health & Medicine |
| 24F.305 Administrative Law SEMESTER-VI 24F.351 Intellectual Property Rights-II 24F.352 Labour Law II 24F.353 Investment and Competition Law 24F.354 Company Law 24F.355 Interpretation of Statutes Internship (4 weeks) SEMESTER-VII 24F.401 Environmental Law 24F.402 Law of Health & Medicine |
| SEMESTER-VI 24F.351 Intellectual Property Rights-II 24F.352 Labour Law II 24F.353 Investment and Competition Law 24F.354 Company Law 24F.355 Interpretation of Statutes Internship (4 weeks) SEMESTER-VII 24F.401 Environmental Law 24F.402 Law of Health & Medicine |
| 24F.352 Labour Law II 24F.353 Investment and Competition Law 24F.354 Company Law 24F.355 Interpretation of Statutes Internship (4 weeks) SEMESTER-VII 24F.401 Environmental Law 24F.402 Law of Health & Medicine |
| 24F.353 Investment and Competition Law 24F.354 Company Law 24F.355 Interpretation of Statutes Internship (4 weeks) SEMESTER-VII 24F.401 Environmental Law 24F.402 Law of Health & Medicine |
| 24F.353 Investment and Competition Law 24F.354 Company Law 24F.355 Interpretation of Statutes Internship (4 weeks) SEMESTER-VII 24F.401 Environmental Law 24F.402 Law of Health & Medicine |
| 24F.354 Company Law 24F.355 Interpretation of Statutes Internship (4 weeks) SEMESTER-VII 24F.401 Environmental Law 24F.402 Law of Health & Medicine |
| Internship (4 weeks) SEMESTER-VII 24F.401 Environmental Law 24F.402 Law of Health & Medicine |
| Internship (4 weeks) SEMESTER-VII 24F.401 Environmental Law 24F.402 Law of Health & Medicine |
| 24F.401 Environmental Law 24F.402 Law of Health & Medicine |
| 24F.402 Law of Health & Medicine |
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| |
| 24F.403 Banking and Insurance Laws |
| 24F.404 Drafting Pleading & Conveyance (Clinical Paper I) |
| 24F.405 Principal of Taxation |
| SEMESTER-VIII |
| 24F.451 Law of Information Technology |
| 24F.452 Right To Information |
| 24F.453 Tribal and Customary Law |
| 24F.454 Mining Law |
| 24F.455 Offence against child and Juvenile offence |
| Internship (4 weeks) |
| SEMESTER-IX |
| 24F.501 Forest & Natural Resource Law |
| 24F.502 Land Law |
| 24F.503 Law of Evidence |
| 24F.504 Professional Ethics and Bar Bench Relations |
| (Clinical Paper 2) |
| Internship (4 weeks) |
| SEMESTER-X |
| 24F.551 Criminology and Penology |
| 24F.552 International Law |
| 24F.553 Law of Arbitration & Alternative Dispute Resolution (Clinical Paper 3) |
| 24F.554 Legal Aid/Moot Court Practice (Clinical Paper 4) |



LLB

COURSE INFORMATION

This course familiarizes students intimately with the teaching methodologies and legal research of both national and international characters keeping in view the different types of legal systems, especially in Common Law traditions as well as Civil Law system as practiced in India. It enables students capable of analyzing and examining the economic, cultural and political impact of enacted laws. The course fosters study and research into legal theory and values; examines the relationship between theory and practice; and enhance opportunities for scholarly research, writing, and publication

COURSE DURATION - 3 YEARS | CREDIT REQUIRED - 175

ELIGIBILITY - GRADUATION FROM ANY RECOGNISED UNIVERSITY

| SEMESTER-I | | |
|----------------------|--|--|
| Course Code | Subject | |
| 24D.101 | Legal Methods | |
| 24D.102 | Law of Torts including CPA And Motor | |
| 240.102 | Vehicles | |
| 24D.103 | Law of Crimes | |
| 24D.104 | Contract I | |
| 24D.105 | Family Law I | |
| 24D.106 | English | |
| | SEMESTER-II | |
| 24D.151 | Constitution I | |
| 24D.152 | Jurisprudence | |
| 24D.153 | Criminal Procedure Code | |
| 24D.154 | Contract II including Specific Relief | |
| 24D.155 | Family Law II | |
| 24D.156 | Offence against Child & Juvenile Justice | |
| Internship (4 weeks) | | |
| SEMESTER-III | | |
| 24D.201 | Constitution II | |
| 24D.202 | Property Law | |
| 24D.203 | Interpretation of Statutes | |
| 24D.204 | Law of Evidence | |
| 24D.205 | Company Law | |
| 24D.206 | Drafting pleading and conveyance | |

| SEMESTER-IV | | | |
|----------------------|--|--|--|
| 24D.251 | Administrative Law | | |
| 24D.252 | International Law | | |
| 24D.253 | Civil Procedure Code and Limitation | | |
| 24D.254 | Principles of Taxation | | |
| 24D.255 | Human Rights Law | | |
| 24D.256 | Crimnology and Penelogy | | |
| Internship (4 weeks) | | | |
| SEMESTER-V | | | |
| 24D.301 | Law of Arbitration & Alternative dispute | | |
| 24D.301 | Resolution | | |
| 24D.302 | Intellectual Property Rights | | |
| 24D.303 | Professional Ethics And Bar -Bench Relations | | |
| 24D.304 | Labour Law I | | |
| 24D.305 | Right to Information | | |
| 24D.306 | Banking and Insurance Law | | |
| | Internship (4 weeks) | | |
| SEMESTER-VI | | | |
| 24D.351 | Environmental Law | | |
| 24D.352 | Labour Law II | | |
| 24D.353 | Legal Aid/ Moot Court Practice | | |
| 24D.354 | Law of Information Technology act | | |
| 24D.355 | Law of Health and Medicine | | |

testimony Sun. 03 June 2018 दैनिक जागरः रॉय यूनिक्रेंटी झारखंड राय यूनिवर्सिटी में रोजगार मेला गरखंड राय विवि में विवाई समारोह रांदी, 17 अमस्य 2018 ····व्यादेंद राज विश्व में शांकियार को सीनियार स्ट्डेंट्स को विदर्ज के गरी. क्षण्याल कराव ने सांस्कृतिक कार्यक्रम को प्रस्तृति म डांस हुआ, स्टूडेंट ऑफ दहवा सम्मान मिला. क्या कि विद्यार्थी प्रसंजन और प्रोक्शनल संटी में नृत्य प्रस्तुत करते विद्याची 🌼 जानरण हिन्दुस्तान के को मेंद्र पर प्रो रेशन दैनिक जागरण दैनिक भारकर . रांची : इसरखंड सरकार के उस्त् त इस्ड राय युनिवेर्तिटी के कमडे केमस्त रविवार, २१ गई २०१७ प्रभात खबर 21 फरवरी 2017 जेआरयू के जॉब मेले में 150 को मिली नौकरी बारखंड का विवि के 81 मेले के कीर बीरसी, बीकीम, केवीर, PER OF के लिये निजी संवटर में रोजगार का वैद्यार्थियों का कैंपस झारखंड राय विवि में निलड्न निबंधन के अलाख दुनिवेरी तवी : झारखंड रच विवि के हा बैटेक रोजगार मेला शुरू वं विप्तीना क्षानें का कैपन प्लेसनेट बीनस्ट इंडिया प्रति , में हुआ है । फार्ज । बचन नेरज शास्त्रा के लिए किया या है । विधि के करियर मेनेजमेंट सेल भागाध्यक्ष हो ,संजीव श्रीकारक में राय यूनिवर्सिटी में मेगा प्लेसमेंट ड्राइव में के इस कामवादी पर हाई जातते हुए पुणः कींच्या प्रमुक्त विकास अवस्थापुर की उत्तर के उत्तर की उत्तर में उत्तर की उत्तर की उत्तर की उत्तर की उत्तर को अपने के तिवास पुण्या में अपने कि प्रमुक्ति की विकास उत्तर की उत्तर क प्रियेश प्रत्यां तथ व प्रियंश भारति हैं। प्रत्यां भारतियां प्रत्यां व प्रत्य त को केला स्टब्सिन साथी में किरनेसा मेकेरिन प्रभात खबर हन्दुस्तान झारखंड राय विवि में बिज स्पी रविवार, २९ अनवरी २०१७ बेस्ट टीम को मिला पुरस्कार बेटियों की सुरक्षा है बड़ा चुनाता का कैपस सेलेक्सन हुआ य यूनिवर्सिटी के 20 द्यार्थियों का प्लेसमेंट । झारखंड राय वृनिवसिंटी के छात्रों का प्लेसमेंट एस्कॉर्ट्स चिन्ने अदेशेकाल के क्षेत्र वे लेक चट्ट या मिलन केट्रील टेक्केन्डिके डीटक लिंक र मिला, उसमें का विकासियों का चटन है स्टेड कंपनी में हुआ है। सेल्स विन्त हुम्म का स्वावनक का भवन है।

किस हुम्म का स्वावनक का भवन है।

के कार्य में कार् सर्विस सेक्टर के लिए चयनि बद्यार्थियों की पोस्टिंग झारखं होगी। प्रक्रिका के पभात खबर खंड राय यूनिवर्सिटी र्सिटी के विद्यार्थि निक भारकर ० छात्रों का प्लेसमेंट "KSCH'd aidi, quant o index, pove पान के पान से आर्थिक प्रीतन को पाने को एकोड़ों के बोट प्रेंश कारोनर चीनत में उन्हर जेआरवू के स्टूडेंट्स ने सेबी का किया इंड्रस्ट्रियल विजिट प्रथम कार्यान्य कीमा में उन्हार हिन्दा है, विके पुरस्कीर पूर्व स्थित तीन प्रीमाणिक प्रतिकृत राज्य का वीनानिक मेरा, जे जाता हिन्दा के मोजिन बीजाना ने कार्या कि प्रतीवन सामें को कार्या कि कार के मोजिनन कीर्यात के बी हिन्दुस्तान र एवं वर्तिया शेवदर ये के रेक्ट पूजा है, विकेश रेट चुरूब की शकेशान के स्थित के दिल्लीमा इन रविकर, १२ गर्व २०१७ रेशवविद्यालय में जॉब मेला का समापन प्रभात खबर जगार के खुले द्वार य यूनिवर्सिटी में लगा जॉब मेला दैनिक भारकर खंड राय विवि में कैंपस सेलेक्शन इमरखंड राव यूनिवर्सिटी का पहला कञ्चोकेशन, 651 स्ट्रॉडेट्स को डिग्री कन्वोकेशन बच्चों को उनकी जिम्मेदारियों र का एहसास कराने वाली सेरेमनी है : वीसी हिन्दुस्तान सुक्रकर, २० जनवरी २०१७ नेआरयू के चार छात्रों का कैंपस प्लेसमेंट दैनिक भारकर बुधकर, ११ जनवरी २०१७ क्रेची। स्वरत्वंड राव विश्व में रिरंपचे स्वीत्वीरत्वत कंपची की ओर से कैपस चेची। जाराकंद राव विशेष में शिक्षणे श्रीजीरत्सर काय वा अंकर स करने । चोतारेट का आधीनन किया गया। हमने कुल चार कारों का चान अंकर के हुआ। इनका चान अंकरीता स्थीलकर रूप में विशेषण व्यानीवारिया पठ पर हुआ है। सरका कार्य में राव प्रचार, दीलक राज, वारत मुर्ग अंकर प्रमान कुमार कार्य शामिल है। जो आपन् के को बोलान्यन ने काराय की स्थान कुमार कार्य शामिल है। जो आपन के को बोलान्यन ने काराय की किया को प्रचार के अपना और है

Excellence



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