



॥ त्वं ज्ञानमयो विज्ञानमयोऽसि ॥

Institute Song

भरत भूमि के सुमन सुमोहक, हैं सुरभित इस आँगन में हम पंछी इस वसुंधरा के, रत हैं ज्ञान के अर्जन में।

संस्कृति से धान्य धरा पर, तकनीकों के प्रांगन में अन्धकार अज्ञान मिटाकर प्रखरदीप हों चिंतन में ।

राह रोक ले रश्मिरथि की, नहीं वो साहस बाधा में अंकित कर दे मातृभूमि को, नव विकास की गाथा में ।

नव प्रयोग हैं शिक्षा के, नई राह निर्माणों की नई सोच में सुखद कल्पना नूतन अनुसंधानों की ।

है उमंग उल्लास सभी में, बाधाओं से लड़ने का है संकल्प सभी के भीतर स्वस्थ राष्ट्र को गड़ने का ।

मरुथल में भी हरियाली है बासंती अभिनन्दन को बासंती अभिनन्दन को, वीरभूमि के चन्दन को । बासंती अभिनन्दन को, वीरभूमि के चन्दन को । बासंती अभिनन्दन को, वीरभूमि के चन्दन को ।

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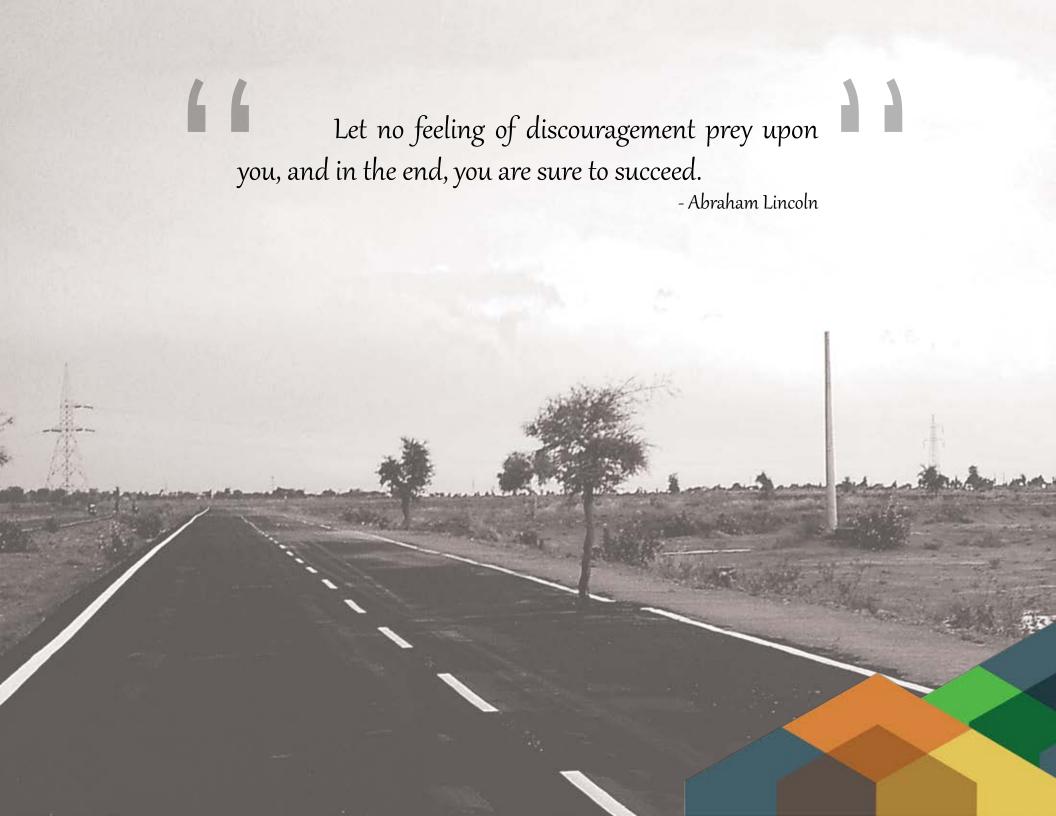
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Welcome

Dear Student

I extend a very warm and hearty welcome to you to Indian Institute of Technology Jodhpur!!

Our esteemed Institute was established in the year 2008 with the objective to promote skill and knowledge to improve the productivity through quality, delivering mechanism and professional excellence in the field of technology. One has to set one's goal and objectives in order to be successful pursuing through certain well defined process and program in branches of engineering, science and research works. In this direction, IIT Jodhpur provides an effective platform to discover the passion towards technology, innovation, devotion to society and think beyond the traditional boundaries between different streams of science and engineering.

The lively city Jodhpur is located near the geographic centre of the state of Rajasthan. The city will welcome you with tales of antiquity, rich history and colourful unique culture. Although our current academic campus is situated at the heart of Jodhpur, in next two years we will shift to our own permanent campus which is planned to be built with sustainability and Energy Net Zero Strategy. Presently, the residential complex for IIT Jodhpur community is located about 13 km away from our current Academic Campus.

Your stay in your homes is always sweet, but we will leave no stone unturned to make your stay in IITJ campus comfortable. We encourage freedom within a frame of discipline, which enriches the environment of your stay in the Institute. The campus provides an open environment, where all of us are at liberty to exchange our views among ourselves with fearless mind, so that weakness (within or outside us) can be identified and resolved to add joy, happiness and perfection to our lives. We believe the coincidence of observation of each event with the learning through books evolves knowledge, idea and innovative power for understanding the universe.

Finally, after completion of the studies and entering into greater world, you have to deliver good governance to increase the image, efficiency and effectiveness of the profession you belong to and to discharge your responsibility to the society. Compete with yourself to ascend the ladder of self-actualisation and create your own destiny through hard-work, frit and will-power. I wish you a very successful and happy stay in IITJ, and conclude with the line from Swami Vivekananda "Awake, Arise and stop not till the goal is reached".





THE INSTITUTE

HISTORY

Indian Institute of Technology Jodhpur was established in 2008. The Institute is building its basic academic and infrastructure facilities in select advanced areas. In particular, the Institute organizes its undergraduate degree programs through four multidisciplinary centers, namely

- Center for Biologically Inspired System Science
- Center for Energy
- Center for Information and Communication Technology
- Center for System Science

LOCATION

At present, IIT Jodhpur operates from two campuses, namely

- The academic campus operating independently from the premises of MBM Engineering College in Jodhpur, situated on the Old Residency Road, Ratanada, at a distance of about 4 kms from the Jodhpur Railway Station and 3 kms from the airport
- The residential campus situated on New Pali Road, about 14 kms from the academic campus. The Permanent Campus of IIT Jodhpur is coming up on about 852 acres of land at Karwar village, 23 kms NW from the Jodhpur city center on National Highway 65.



THE ACADEMIC AREA

The academic campus of IIT Jodhpur currently comprises of three blocks:

Academic Block 1 houses the labs, the library, a computer center and faculty offices.

Academic Block 2 comprises of lecture halls, classrooms, language lab and several multimedia labs.

Administration Block is home to the Directorate and the Institute office and faculty offices.

Portable Cabins - The academic area also comprises of portable cabins which are designed to use maximum space available to provide maximum facilities to students. At present the academic area has 3 portable cabins:

Portable cabin 1 hosts various labs and student activity centre.

Portable cabin 2 has faculty offices and labs.

Portable cabin 3 is a part of manufacturing lab and is used by students to fabricate various components as a part of their projects.





ACADEMIC FACILITIES

IIT Jodhpur has established some state-of-the-art teaching and research laboratories. IIT Jodhpur students have the opportunity to learn from the faculty members by working with them in these well-equipped laboratories. These advanced laboratories have machinery and devices of international standard, which are actively used in research. The unique areas of research, include renewable energy, material characterisation, communications and instrumentation, and CAD/CAM.

The Institute has a good collection of books, reference material, journals, magazines, in its library. It meets most of the information needs and knowledge pursuits of students engaged in study of different fields.

IIT Jodhpur is building close relations with international universities, research institutes and corporations. For examples, Memoranda of Understanding have been signed with the University of Waterloo, the University of Western Ontario in Canada, and the Universitat Rovira i Virgili (Tarragona, Spain). These understandings allow for short term exchange students and faculty members.

RECREATIONAL AND EXTRA-CURRICULAR FACILITIES

The students are encouraged to participate in co-curricular activities to further their all-round personality development. Also, extracurricular activities at the Institute include participation in Book Club, Science and Technology Council, Photography Club, Sports, Music, Astronomy and Films. The Students Gymkhana organizes itself these activities.



IITJ RESIDENTIAL CAMPUS

BOARDING AND LODGING

Students of IIT Jodhpur are accommodated in a scenic campus located on New Pali Road, Vivek Vihar, Jodhpur, about 15 kms from the railway station. The campus is well guarded and equipped with basic amenities (including WiFi network access, a reading room and a computer center) required for a residential colony. The residential campus also houses the faculty and staff members of the Institute. The Institute provides transport to students for commuting between the residential and academic campuses.

OTHER FACILITIES

ATM & Bank: The residential area has a branch of SBI (State Bank of India) and also an ATM of SBI enabling students to make transactions with ease. There are several other banks namely UCO, HDFC, SBBJ, etc. close to the academic area.

Canteen: There are 2 canteens, one at residential area and the other one in academic campus. They facilitate good fast food, fresh juices and various other snacks for the students.

Gymnasium: A full fledged, well equipped gymnasium is present in the residential campus which runs from 5:00 am to 10:00 pm. A student can avail all the facilities to stay healthy and to maintain his/her physique.

Health Care: The Institute has a primary health center in the residential campus, which provides care to the residents by doctors and nurses round the clock. Apart from this, the Institute has tied-up with leading hospitals in Jodhpur city for specialized health care needs. All students are covered by medical and accidental insurances.

Mess: There are two separate mess, one in the residential area and the other one in the academic campus. The mess offers good quality food, regularly monitored by the wardens for hygiene and nutritional values, and at very affordable rates.





Shops: Shops catering to the various needs of students, like stationery, general stores, medical stores, computer accessories, electrical hardware, bakery, etc. are present near the academic area of the campus. There are also two general stores, a medical store, barber, stationery and a mobile phone accessories store opposite the residential area.

Transport Services: The institute has a bus service running between the Residential and Academic area at regular intervals, exclusively for the students, faculty and staff of the institute. Located in the heart of Jodhpur, the academic campus is easily connected to other parts of the city.

TV room: Every hostel consists of a recreation room T.V room where students can sit and enjoy matches, movies along with few other activities like table tennis, carom etc. It is a place to relax and enjoy.

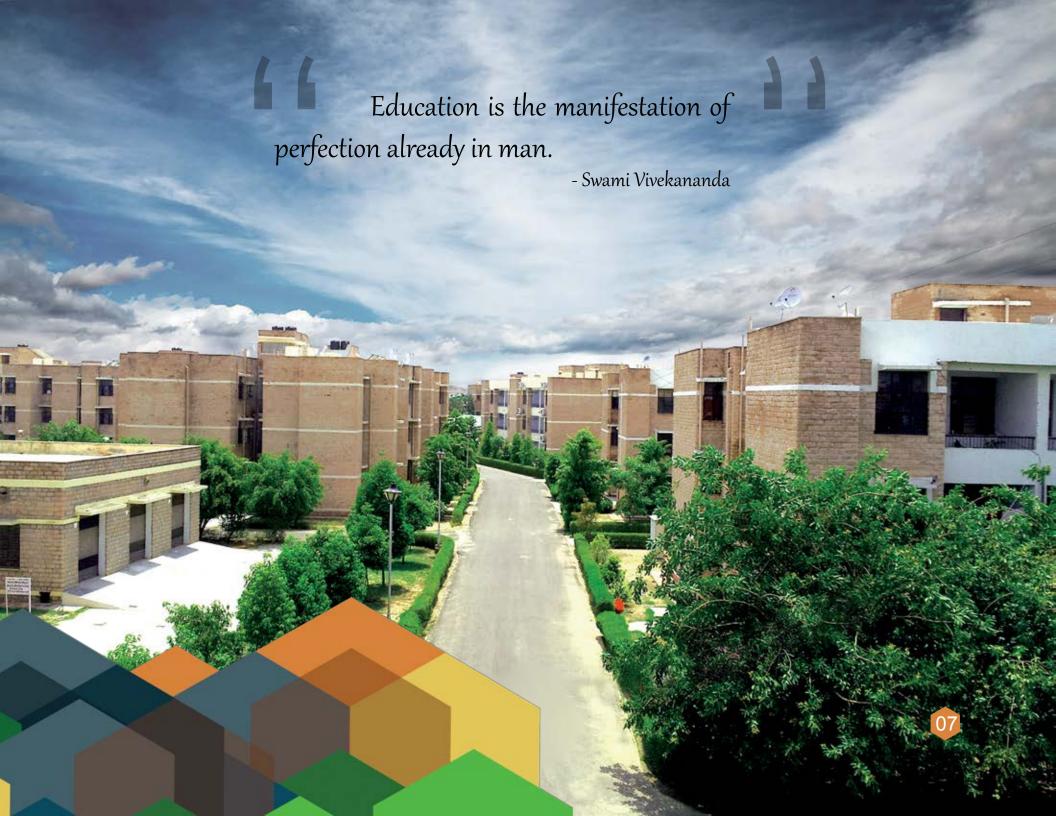
Visitor's Hostel: The residential campus has a fully equipped visitor's hostel which provides boarding and lodging facilities for all the Institute guests, parents and guardians of students and newly appointed faculty. Air-conditioned rooms are also available. Students can avail these facilities at concessional rates.

We remind you that this facility cannot be availed by the students at the time of orientation.

PERMANENT CAMPUS

The institute will have its own permanent campus ready in the coming few years. IIT Jodhpur will be an educational oasis in the Sun City of Jodhpur and will be developed like a living laboratory where traditions will blend with technology. The permanent campus will be a net zero energy, net zero water and net zero waste township. The permanent campus will be built on 842 acres of land.

The foundation stone for the permanent campus was laid on 16th April 2013 by the MHRD Hon. Minister Dr. M.M. Pallam Raju. The ceremony also witnessed the launch of our institute anthem thus making IIT Jodhpur the first IIT to have its own anthem. A special lantation ceremony was organised to inculcate the greenery amongst the heaps of dry and lifeless sand.



ACADEMICS

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- Center for Energy
- Center for Information and Communication Technology
- Center for System Science

Undergraduate Programmes

Four-Year Bachelor of Technology (B.Tech.) programmes are offered in

- Biologically Inspired Systems Science
- Computer Science and Engineering
- Electrical Engineering
- Mechanical Engineering
- Systems Science

Postgraduate Programmes

Two-Year Master of Technology (M.Tech.) programmes are offered in

- Energy
- Information and Communication Technology
- Systems Science



Doctor of Philosophy (Ph.D) programmes are offered in

- Biologically Inspired Systems Science
- Chemistry
- Computer Science and Engineering
- Electrical Engineering
- Energy
- Humanities and Social Sciences
- Information and Communication Technology
- Mathematics
- Mechanical Engineering
- Physics
- Systems Science

ACADEMIC SESSION

IIT Jodhpur follows a semester system. An academic year from July to April consists of two semesters.

TEACHING AND EVALUATION

The evaluation of students in a course is a continuous process and is based on their performance in various examinations, quizzes/ short tests, tutorials, assignments, laboratory work (if any), as well as attendance in the classes.



GRADING SYSTEM

Grades and Grade Points - At the end of each semester/ summer or winter term, the student is awarded a letter grade in each of his/her courses based on his/her performance in the various examinations, quizzes, assignments, laboratory work as well as attendance in the classes. The letter grades and their numerical equivalents on a 10-point scale (called Grade Points) are as follows

Letter Grade: A B C D F Grade Point: 10 8 6 4 2

In addition, I, S and X, letter grades may be awarded for Incomplete, Satisfactory and Unsatisfactory performance, respectively.

Semester Grade Point Average (SGPA) is a weighted average of the grade points earned by a student in all the courses credited and describes his/ her academic performance in a semester.

Cumulative Grade Point Average (CGPA) indicates the overall academic performance of a student in all the courses registered up to and including the latest completed semester/summer term.

MERIT- CUM- MEANS SCHOLARSHIP (MCM)

This is an initiative taken by the institute to help students who deserve special consideration.

Criteria (for all category students): Annual income for student's parents/guardians and his family from all sources in the preceding financial year must not exceed Rs. 4.5 Lakhs.

Eligibility

For General and OBC students

- Students in first year: No other merit criterion is applicable
- Second year onwards: A minimum CPI of 6.5 is required

For SC/ST students

• No other merit criterion is applicable



BRANCH CHANGE RULES

Changing of the branch will be permitted strictly in the order of merit as determined by the Cumulative Performance Index (CPI) at the end of second semester. In case of a tie, the JEE rank of the applicants will be considered.

1. Eligibility Criteria

- a) The CPI at the end of the second semester should be:
 - i. Greater than or equal to 7.0 for SC/ST applicants
 - ii. Greater than or equal to 8.0 for other applicants
- b) The student should have passed all the courses till second semester (including the courses in which S/X grades are awarded).

2. Strength Constraints

No branch may exceed 105% of sanctioned strength or fall below 90% of its existing strength as a result of branch changes.

TRAINING AND PLACEMENT

The Student Placement Office provides assistance to students towards their career placements and internships.



CODE OF CONDUCT

Each student shall conduct himself/herself in a manner befitting his/her association with an Institute of national importance. He/she is expected not to indulge in any activity which is likely to tarnish the image of the Institute. He/ She should also show due respect and courtesy to the teachers, administrators, officers and employees of the Institute, and good neighborly behavior to fellow students. Due attention and courtesy is to be paid to visitors to the Institute and residents of the Campus.

Lack of courtesy and decorum, unbecoming conduct (both within and outside the Institute), indulgence in acts of violence, use of illegal substances, willful damage and/or removal of Institute property or belongings of fellow students, disturbing others in their studies, adoption of unfair means during examinations, plagiarism, breach of rules and regulations of the Institute, noisy and unseemly behavior and similar other undesirable activities shall constitute violation of the Code of Conduct for students. As per the Supreme Court order, ragging in any form is strictly prohibited and is considered a serious offense.

Also, "Use of Internet to malign the character or hurt the self respect of any individual will be considered equivalent to ragging and would attract severe punishment."



CENTERS

BIOLOGICALLY INSPIRED SYSTEMS SCIENCE

Biologically Inspired System Science (BISS) is a unique Center of Excellence initiated with the broad objective to design novel, adaptive, and sustainable technological solutions inspired by biological systems and processes. Understanding biological systems will help an engineer design adaptive intelligent systems for the ever changing environment. Graduates of this center will interface different disciplines including engineering, physical and life sciences, and humanities. With such interdisciplinary approach, the center seeks to promote holistic development of innovative technological solutions.

The B. Tech. program in BISS at IIT Jodhpur contains foundational courses in engineering and basic sciences, computing skills and algorithms, computer oriented drafting skills along with hands-on laboratory experience in basic sciences and engineering. This curriculum is common for all engineering disciplines in first three semesters.

BISS offers a rich blend of advanced courses along with hands-onlaboratory sessions which integrate, at the levels of both theory and practice, engineering, physical and life sciences, and humanities disciplines. Accordingly, the curriculum includes systems biology, neuroscience, neuropsychology, philosophy and cognition. This perspective would provide a deeper understanding of biological systems including brain, mind, and cognition, enabling the students to develop intelligent algorithms and innovative designs.

The curriculum also incorporates economics and entrepreneurship, communication, and other soft skills courses, which are offered during regular and as well summer/winter sessions. Further, the program encourages industry and research internship in India and abroad in order to inculcate professional work culture.



ENERGY

The Centre for Energy of IIT Jodhpur was created with the objective to create an academic and research program integrating the specific needs of India in an International context in April 2010 during an International workshop that was held at Jodhpur with the assistance from MNRE (Ministry of New and Renewable Energy, Government of India) and the World Bank. The Ministry of New and Renewable Energy has also declared their intention to set up a National centre for solar thermal technologies at IIT Jodhpur. An initiative of Asian Development Bank is to set up a knowledge hub on energy at the IIT Jodhpur for capacity and capability building. The aim of this centre is to provide diverse energy solutions with a significant focus on solar energy. The goals include globalized research and development activities, indigenisation of technology for various subsystems and realization of product development in the areas of Solar Thermal and Photovoltaic research.

Research Areas

With an interdisciplinary approach that combines sciences and engineering, the research activities of the centre fall under four different areas namely

- Solar thermal : design and analysis (collectors, receivers and other sub-systems)
- Material design and fabrication
- Smart grid for photovoltaic and solar thermal
- Structural Dynamics and Design



INFORMATION AND COMMUNICATION TECHNOLOGY

Education, knowledge, information and communication are at the core of human progress, endeavor and well-being. Information and Communication Technology (ICT) has an immense impact on virtually all aspects of our lives. The capacity of these technologies to remove many obstacles and face effectively the real-time challenges especially those of time and distance has enabled the use of these technologies for the benefit of millions of people in all corners of the world increasing productivity, generating economic growth, job creation and employability and improving the quality of life.

Labs and Facilities

- Communication Lab
- Robotics Lab
- Networking Lab

- Signal and Image processing Lab
- Multimedia Lab
- An Advanced Communications Lab by National Instruments

Centre of Excellence in ICT

The importance of ICT in progress and development has propelled IIT Jodhpur to establish a Centre of Excellence in ICT which is unique of its kind in the country. It aims at harnessing the potential of technological advances to solve the existing socioeconomic and environmental problems, and working in the direction of building an inclusive society with the participation of government, private sector and international organizations.

The ICT sector is penetrating all sectors of the economy, and has made the world a global village. Because of its dynamic and complex nature and including issues arising from the use of ICT, skilled personnel are continually needed. Students who will rise to become experts in the field of ICT stand a great chance in the market as well as in the society and thus are streamed with plenty of opportunities. Hence the demand for ICT expertise is ever persisting.



SYSTEMS SCIENCE

IIT Jodhpur has a unique B.Tech program in Systems Science, whose emphasis in on holistic and interdisciplinary approach for complex techno-socio-economic challenges. While the traditional engineering approach focuses on the parts-of-the-system, the systems approach focuses on the complete system itself.

One can observe a correlation between the development of advanced technological gadgets and the evolution of system theoretic abstractions that enabled their conception and design. A number of ideas of systems thinking have played a major role in the creation of concepts that are central to modern products such as feedback, filtering, optimization, life cycle approach to design etc. By giving due attention to the mathematical foundations that underlie such systems, this B.Tech program aims at creating systems' thinkers who would develop, construct, redesign, analyse, and integrate various systems.

The Bachelors program in Systems Science has a common core curriculum for three semesters. It combines the foundation courses like basic sciences and engineering, computing skills and algorithms, computer oriented drafting skills; along with hands-on laboratory expertise in using mechanical and electrical machines, various electronic devices and materials characterization skills, tinkering labs and hobby clubs. The core curriculum also has humanities component that promote soft and communication skills, economics and entrepreneurship etc.

The Systems science core program has a rich blend of courses that emphasize the theory and practice of integration of complex systems such as communications, manufacturing, automotive, robotics, financial markets, biological systems, real time systems etc. The synergy across various domains can be exploited from the system science perspective. A number of laboratory sessions such as a Human machine interaction lab, gait analysis and ergonomic lab, CNC machine lab, robotics lab, embedded systems lab, water and environmental systems lab augment the classroom instruction. Such multi/interdisciplinary training will be of immense help when the student is expected to solve a real life problem during his capstone B.Tech project. Apart from the usual industrial internships and student exchange programs, students are also encouraged to explore innovative solutions for contemporary societal problems.

How system theoretic understanding can help comprehend the complexity of the world out there is a fascinating endeavor. It is hoped that this understanding shall also help the students to become agents of change and ambassadors of inclusive growth.



COUNSELLING SERVICE

The Counselling Service Team consists of faculty members and 30 students bestowed to work for welfare of students. A student guide is the backbone of this Team, with every guide taking 8-10 freshmen under his vision and guidance.

Among the very first duties of this team, is to organize the Orientation Programme. This is especially tailored to bring the freshmen up to speed with life in institute, while maintaining a homely feel, and gently enabling the transition into this Institute.

We also take care of special language needs that some students might face during this time. We spare no effort in this, and work towards making this transition one that everyone will remember throughout their lives.

The Student Guide makes sure that the student adjusts well in the hostel and in his academic life and as a part of this he keeps in continuous touch with the student and his/her family. We, as a team, ensure that not only the student, but his/her parents too get the opportunity to interact with the Student Guide, to maintain a healthy relationship.



As part of this Counselling, it is our duty to promote development of the student in all 3 aspects of the college tenure

- Academics
- Extra-Curricular
- Personal

For this we have voluntary, confidential and free counselling for a wide range of issues that include

- Academic support: Provides information about the different academic programmes of the institute, efficient time management skills, study skills, exam anxiety etc.
- Personal: Overcoming homesickness, adjustment to the new environment etc.
- Counselling advocacy: Psycho-education and referral services to students.
- Interaction with the institute and the existing body of students.
- Encourages students to discover their extra-curricular interests/hobbies.

The Counselling Service has been an integral part of the institute since its inception. Every year, it strives hard to ensure that every student gets to know IITJ at its most intricate levels, and absorb all that the Institute has to offer. We look forward to have a great bond with you!



ORIENTATION PROGRAMME

COUNSELLING SERVICES TEAM

Faculty Advisor

Dr. Monika Sinha

Students

Counselling Service Co-ordinator

• Kedar Vaidya (9828608892)

Counselling Service Assistant Co-ordinators

- Dinesh Jangra (8386068740)
- Aditya Khandelwal (8386837422)
- Sachin Grover (8290094153)
- Rajat (9024090768)
- Manas Bundele (7597369303)
- Purvi Tiwari (9799967073)
- Shreshtha Garg (8386837431)
- Divya Nagar (9785943271)

Student Guides

- Aakash Hasija
- Arnav Chopra
- Chandana
- Abhishek Kumar Yadav
- Arvind Saini
- Makarand Gomashe Sharath Chalapalli
 - Vrushali Sisodiya

- Achyut Joshi
- Ayush Raina
- Shiv Mohan
- Aditya Saxena
- Dishant Goyal
- Vaibhay Paliwal
- Anirudh Vyas
- Himanshu Sikaria
- Ujjwal Anand

http://cs.iitj.ac.in





Students' Gymkhana

Hello Friend

Warm greetings from IIT Jodhpur fraternity and a very warm welcome to IIT Jodhpur family.

My heartiest congratulations to all of you for cracking JEE and for becoming a part of IIT Jodhpur- a place that shall become an integral part of your identity. IIT Jodhpur offers everything you can aspire for during your college life. Infinite opportunities to learn everything from anything, from making glass paintings to making an all-terrain vehicle, await you on this side of life.

Besides the world-class education imparted, IIT Jodhpur offers every individual an opportunity to excel in any field and to emerge as exceptional personalities who are not just engineers but individuals capable of tackling any problem in life. The plethora of activities combined with premier academics will teach you how to live life and pursue your hobbies while excelling in your technical aspects. Students' Gymkhana, IIT Jodhpur is the governing body that looks after all students activities and provides you with diverse activities ranging from aero modelling, astronomy, automobile, drama, dance, music, photography, robotics to all kind of sports, be it badminton, basketball, cricket, football, swimming, tennis and even street plays. During the course of your stay you will get various Positions of Responsibilities that shall make you a leader, an excellent orator, a manager and a great team worker.

What differentiates IIT Jodhpur is the ample opportunities you get here to implement your ideas, the environment to nurture budding innovative thoughts and the resources to be the CHANGE!!!

Eager to see you all !!!

With best wishes

Yours truly,

Saurabh Pandey General Secretary Students' Gymkhana, IIT Jodhpur

ARA ACADEMIC AND RESEARCH AFFAIRS

Each problem that I solved became a rule, which served afterwards to solve other problems.

- Rene Descartes

The Academic and Research Affairs Council (A.R.A) is the council under SCHoD which will act as a platform for all activities regarding Research & Academics .The purpose of council is to encourage research & academic activities in Institute on students' court, and to make sure of effective student recognition and involvement in the decisions regarding the same. The role of the council will further extend to promote and advance research within the institute. This year the Academic & Research Affairs Council plans to organize various lectures of Nobel laureates, eminent personalities and notable research scholars, to aid in this process.



Mission

- To serve as a platform for students to undertake research projects under professors and to create an environment of cognizance in the student community pertaining to the real-life problems and help them to procure their research needs.
- To strengthen Student-Faculty relationship and take them beyond only formal talks, to explore the intricacies in their research and come up with novel solutions.
- To organize various technical meets and seminars to expose students to the recent discoveries and technological advancements and the innumerable opportunities that they can pursue.

Functions and Responsibilities

- To effectively represent the views of the students' community on academic and research matters.
- To help individual students tackle their specific academic problems and take up their problems to respective authorities.
- To coordinate with the functioning of all centralized facilities of academic domain such as Computer Centre, Library and Reading Room amongst others.
- To take views and opinions on the revision of academic curriculum, reform policies and initiate academic and research programs based on these suggestions.

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MAD MEDIA, ARTS AND DESIGN

"Every child is an artist, the problem is staying an artist when you grow up."

- Pablo Picasso

Creativity is more than just being different. Anybody can plan being weird; that's easy. What's hard is to be simple. Making the simple, awesomely simple, that's creativity. We are the most creative and imaginative people of IIT Jodhpur. We make people develop their imagination and their talent. As the name says we undertake all the creativity work of IITJ, be it Media, Arts or Design. We have our independent activities, workshops and competitions under the following areas of interest -

Animatrons (The Animation Club)

You must have spent your childhood seeing movies like – KungFu Panda, IceAge or cartoons like Tom n Jerry, ScoobyDoo. Have you ever thought how they are made? We teach you to bring the animator out of you via workshops by professionals and our own team. With the blend of Stop Motion Animation and Software Animation, we are moving towards paper animation, 2D and 3D graphics animation, flash light animation.

Ateliers (The Fine Arts Club)

A theme to any festival can only be brought about by an artistic hand. An art is the most interesting and widely famous form of making lively your imagination. To play with colours is our passion. We train students via workshops and competitions in fine or decorative arts. We organize a lot of activities of interest like painting, sketching, glass etching, face and T-shirt Painting, wax carving, graffiti workshops etc. We give shape to various festivals of IIT Jodhpur. We train students and provide them platform at various Inter College fests to showcase their talent.

Designerds

Go through any of the logo in IITJ, posters, newsletters, T-shirts to this brochure – we are the designers. We are the winners of designing contests at Mood Indigo – IIT Bombay. The club has given some of the best designers who train you with software like Adobe Photoshop, Indesign and Illustrator. The club help students to make their thoughts presentable on paper. We make our members excel in graphic designing hereby promoting their thoughts and imagination.

Frame-X (The Film Making and Video-Editing Club)

We all have seen movies, documentaries, trailers, but have we given a thought of how are they produced? We make videos, record and edit them. The club has constantly and actively taking part in various Inter College Fests presenting a short films or documentaries which have gained popularity. At Institute level we are also responsible for making trailers for various our Fests. We use the most sophisticated HandyCams, GoPro cameras dealing with software like Windows Movie Maker, Sony Vegas and Adobe After Effects.

Porta Talkies (The Movie Screening Club)

After the busy week long schedule, we refresh you. The club is responsible for screening of movies, matches and on demand talks. No movie or match can give you as much entertainment as with friends. With no laptops and busy schedule you tend to get frustrated, but we give you a chance to enjoy and make fun.

Shutterbugs (The Photography and Photo-editing Club)

The most active, technically advanced and famous club of any Institute. The club consistently hold its workshops on Photoshop and provides hands on experience on technically sound semipro DSLR Cameras. The club holds responsibility of all the media coverage of IITJ. Everyone has a desire to photography but only few get to learn the techniques on advanced technology. A photographer can catch what naked eyes cannot.

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NUTSNURTURING UNDERSTANDING TECHNOLOGY AND SCIENCE

With the thought "Imagination is more important than knowledge", the Science and Technology Council (NUTS) of IIT Jodhpur provides you an opportunity to think beyond the conventional boundaries of science, to explore yourselves, to realize your dreams and develop the technology for the next generation.

Aero Modelling Club

The idea of flying an object heavier than air, might once have sounded strange. But today we are able to make objects on our own which can fly. Essentially the Aeromodelling Club is a group for aviation and Aeromodelling enthusiasts in the institute. Here, you will have an opportunity to make rockets, gliders, planes, hovercrafts and fly them up in the air. The activities of the club include lectures and workshops on various Aeromodelling and aviation topics and working on small projects. This year the club is planning to participate in Boeing National Aeromodelling Competition.

Astronomy Club

Do you feel the shiver when you look up at the stars in the night? Then this is the place for you. With observatory nights held fortnightly, you get a chance to take a voyage of the universe when you get to see those rings of Saturn, moons around the Jupiter etc.!!! Regular lectures and discussions are held to help students develop a better understanding of those mysterious forces in nature. The club develops a celestial passion among the students who seek knowledge in this field. The club made a record at the Inter IIT Tech Meet 2014 by detecting 72 objects in the overnight observatory competition "The Messier Marathon"

Automobile Club

You may be very passionate about cars, you may love to watch Formula 1 races. But, here you will be designing and making your own car. The very first car of the college VAAYU, "an all-terrain vehicle" was inaugurated by MHRD minister Dr. M. M. PallamRaju. The club has also developed an eco-friendly manual cum electricity driven vehicle. The club is associated with an international body, Society of Automotive Engineers (SAE) and keeps on participating in their national level competition such as Baja, Effi-Cycle etc.

Electronic Club

Electronics club is for all those electronic maniac who love to play with the circuits. It is here that you will get to design and play with electronic circuits, learn cool stuffs like working on mini computers such as beagle bone, Raspberry pie etc. You will get to learn about both analog as well as digital electronics through various lectures and competitions organized throughout the year. The club actively participates in the national level competition organized by companies such as Texas instruments (TI), National Instruments (NI).

Programming and Web Development Club

This is probably the one of the coolest club of the college. If you see 1's and 0's or if you see algorithms flowing around or if you find coding fun then this club is for you. With regular lectures, competitions and winter coding camp you will get a chance to learn from people around you and improve your coding skills. You will be sitting with a group of like-minded people preparing for national level coding competition ACM ICPC, Google Code Jam, preparing a cryptography competition for IITJ Junta or constantly involved into developing websites for our fests IGNUS and VARCHAS.

Robotics Club

The students of this club are passionate about developing a machine that has got its own brain. With everyone getting fascinated by robots, robotics club has become a center of attraction for the students. Regular lectures and workshops are conducted to provide students a hand on experience on technologies such as DTMF, image processing, motion sensing etc. The club today is an active platform for students to display and develop their practical machine building skills and knowledge. The club is aiming to participate in Robocon along with working on projects such as multimedia glove, all terrain robot etc. in the coming year.

Science Club

Science doesn't end with all the stuff mentioned above. In this club, you will have an opportunity to do any sort of activity involving fun with science. You will have an opportunity to solve the Rubik's Cube, make your own angry bird station, and play with air gun, Rube Goldberg etc. The activities of this club test your imagination skills and help to improve it.



PROM

PROMOTIONS, RELATIONS, OCCASIONS, MANAGEMENT

PROM is one among the six councils of Students Gymkhana, IIT Jodhpur. The council deals with all matters regarding public relations and management of the various activities of all the councils that take place in the institute. It helps in enhancing one's personality, management skills, public speaking, writing and coordination with colleagues, which leads to an overall development in him/her.

PROM looks after the following four sections, as the name suggests:

- Promotions
- Relations
- Occasions
- Management

The following are the cells under P.R.O.M.:

- Entrepreneurship Cell: All those who want to be budding entrepreneurs at some point of time in their lives will cherish being a member of this cell. This cell collaborates with the E-cells of other institutes and conducts various seminars and useful activities related to entrepreneurship.
- Finance and Case-Studies Cell: Many individuals are faced with investing and financing decisions in some point in their life. Having firm grasp over finance aids them in making those decisions. Case Studies help to see how the complexities of real life situations influence decision making. Case studies help one in analyzing the problem, applying knowledge, reasoning the validity of the applied knowledge and in drawing sound conclusions.

Promotions Cell

The Promotions Cell is for those people who want the world to know about their flair in writing abilities. This Cell writes content as well as reports for various Intra and Inter collegiate fests, special events and seminars that are held throughout the year. It also coordinates for the content to be published in local media.

- Public Speaking and Personality Development Cell: Your personality is what reflects, and public speaking is one very important aspect which shows your personality. If you want to hone your public speaking skills, increase your confidence levels and add that little bit of zing to your personality, then this is the place to be!
- Resource Management Cell: The main work of this cell is to manage resources during various inter and intra-level activities efficiently. This cell is for people who have a flair for management and are capable of handling on the spot deficits.

Leadership Enhancement and All-round Development (LEAD)

This is an initiative by P.R.O.M. which aims at enhancing the overall personality and soft skills of the students, and prepares them for the professional world. Workshops organized by professionals skilled in personality grooming, resume writing, personal interview etc. are conducted. Group discussions, mock interviews and public-speaking sessions are conducted to train students for interviews and help in their personality development. Students get a real-world exposure, while getting expert guidance not only from professionals, but also senior mentors.

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SAGESPORTS, ADVENTURES, GAMES AND EXPLORATIONS

"The will to win is important, but the will to prepare is vital."

Sports are known for producing the most remarkable athletes, colourful characters, influential leaders and memorable heroes.IIT Jodhpur Sports and Games council reflects the same spirit of introducing sporting activities to the campus community. This council aims to promote sports and exercise in the true spirit of sportsmanship and motivate students to work with team spirit. We strive and endeavour to inculcate and introduce this essential activity as a part of the daily decorum in every student's life. We at IITJ believe in bringing out and encouraging the sports person in each one of you under the guidance of professional coaches and with best sporting facility.

"The strength of the team is each individual member. The strength of each member is the team."

Individuals can be strong on their own but they are much stronger in a team. Victory achieved alone can be sweet but there is nothing sweeter than sharing that moment with your team. One of the rare times in life one learns to play with his friends and some of his enemies and yet respect each one of them for the innate respect of the sport. That is the essence of introducing sports in a student's life to install the quality of vigour, pride, and sacrifice and strive.

Inter-IIT Sports Meet

Inter-IIT Championship title is the holy grail in the whole IITJ family. It is the sacred place where every sports student is given the opportunity to showcase his/her talent in respective sports and to wear the jersey and run around the grounds representing the glorified history of respective IITs along with the responsibility to continue the legacy. Every Inter IIT player has this unique urge to win the game for the pride and the honour of the institute, for the blood, and the tears and the sweat to make a team and to earn the spot.

Institute Representation at Inter-IIT

The institute has representation in the following sports at Inter-IIT Students Sport Meet

Aquatics

Athletics

Badminton

Basketball

Cricket

Football

Hockey

• Lawn tennis

Squash

Swimming

• Table tennis

Volleyball

Weightlifting

The Institute has many sporting events lined up throughout the year which act as a platform to showcase your talent and to keep the adrenaline levels racing. Stupendous performances by the IIT Jodhpur teams at inter IIT sports meet, inter-collegiate and intra-collegiate sports fests testify the success of the council. IIT Jodhpur teams bagged 1 gold, 5 silver and 7 bronze medals in Inter-IIT sports meets since 2008. Other than Inter IIT sports meets institute teams give their best performance at national level sports fests each year.

There are various awards to recognize and felicitate sporting talents in the institute. To encourage the freshers, The Best Freshman Sportsperson Award is given to those who perform well at the institute level in the first year. The biggest achievement for a sportsperson at IITJ is the Council Color Award where not only the individual's talent counts but his contribution towards the sporting community during his entire stay at the institute is also what makes him deserving. In addition to sports, the council arranges several adventure tours and coordinates the carom club, the chess club, the skating club and yoga club and the joggers club.





WAVES

WRITING, AWARENESS, VOCAL, ENTERTAINMENT AND SOCIAL

WAVES is the fountainhead of all cultural activities in the institute. It provides Students the Opportunities to pursue their passion for performing arts and in honing their aesthetic sensibilities. Under WAVES there are five clubs, which function throughout the year.

Dance Club

The Dance Club is an exemplary club with range of Activities from Intra to Inter Collegiate events with a special emphasize upon the workshops and the expertise of this art of gods. The team, with name 'DEFEAT THE BEAT', has participated in different college festivals across country including Chaos (IIM-A) and Mood Indigo (IIT-B) and has also been selected in Indian Hip Hop Dance championship auditions. The existing members search for fresh passionate and creative talent from the college freshers every year.

Drama Club

Are you one of those, who just love to act and express their views without any fear, then this is the club for you. The dramatics club of IIT Jodhpur "DRAMEBAAZ" performs a variety of plays which are both didactic and simultaneously entertaining. Nukkad performance is the highlight of the Republic and Independence Day celebration in the institute and is quite applauded by the audience, leaving them awestruck every time. It also performs stage plays. One of its recent plays, 'Patina', performed in Mount Abu on the eve of 'World Theatre Day' got a lot of recognition.

Literature Club

Do you think you are a budding poet or a potential novelist? Do you have a forte for writing? Do you love expressing yourself, then literature club is the place to be. Come and explore a whole new world of books, belles-letters and the magic of words. If you form an impression that it's all about writing then you are wrong, it also includes all fun events like Jam, Shout, Hurdles, Debates etc. And language is no bar, we have both Hindi and English Literature Clubs.

Music Club

The Music Club is all about passion and the platform you need to showcase them. Spanning from the students' band performances for freshers, to the live stages of college festivals, Music Club brings opportunities for all the interested students. The major highlights include Unplugged Nights and the Musical Extravaganza. Apart from these, music learning sessions are conducted for the beginners. So, if you feel that Music is Your Religion, this is the best place you can can be in the Cultural Council of IIT-Jodhpur.

Quiz Club

If you have an incessant inquisitiveness with the zeal and passion to earn knowledge, if you enjoy the idea of sparring mentally, come be a part! It is not necessary to be a regular or experienced quizzer; it's just the flair that counts. The main aim of Club is to generate interest in quizzing as a fun activity that everyone can indulge in and at the same time gain some handful amount of knowledge. The club organizes interesting Quiz contests/sessions throughout the year to expose students to the artistic world of Quizzing and provide a platform to contest at several national and intra-collegiate quizzes.

Spic Macay

The Society for the Promotion of Indian Classical Music And Culture Amongst Youth (SPIC MACAY) is a society that helps protect and popularize our rich Indian heritage. SPIC MACAY IITJodhpur chapter was formalized in the year 2012. Our council in association with the SPIC MACAY, invites them to conduct regular cultural evenings to enrich our cultural grounding. Some extraordinary performances such as Gotipuva, Kathak by Monisa Naik etc. were given this year.

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PARIVARTAN

PARIVARTAN is a social initiative of IIT Jodhpur which aims to improve education levels and social awareness in the poor and deprived section of society, through teaching and youth counselling.

The IIT Jodhpur Community, concerned by the ever growing problems in society, took up this social initiative to support the downtrodden. Parivartan is working in the direction of building an educated and well informed society around.

Our Mission

To Bridge the Inequality in Society Through Education.

In 2013-2014 Parivartan took different steps to accomplish its mission.

- A health camp was organised at Sangariya, the adopted village of Parivartan, by providing free medical checkups and medicines and thus catering to health improvement of over 176 villagers.
- Knowing the importance of blood, the greatest gift to mankind, a blood donation camp was organised at GPRA which received a huge response from people all over Jodhpur.
- With an aim of eradicating polio among the children of Sangariya village, polio drops were administered to them.
- Career Counseling was given in a government school near GPRA to support the emotional health and well-being of these young people and help them build a healthy future.
- A winter camp was organized in a nearby government school .Various competitions were organized to show them that learning can be fun and to imbibe in them, the importance of gender equality.
- During winter, we collected some old blankets and clothes and distributed them among the shelter less and the poor in Jodhpur.

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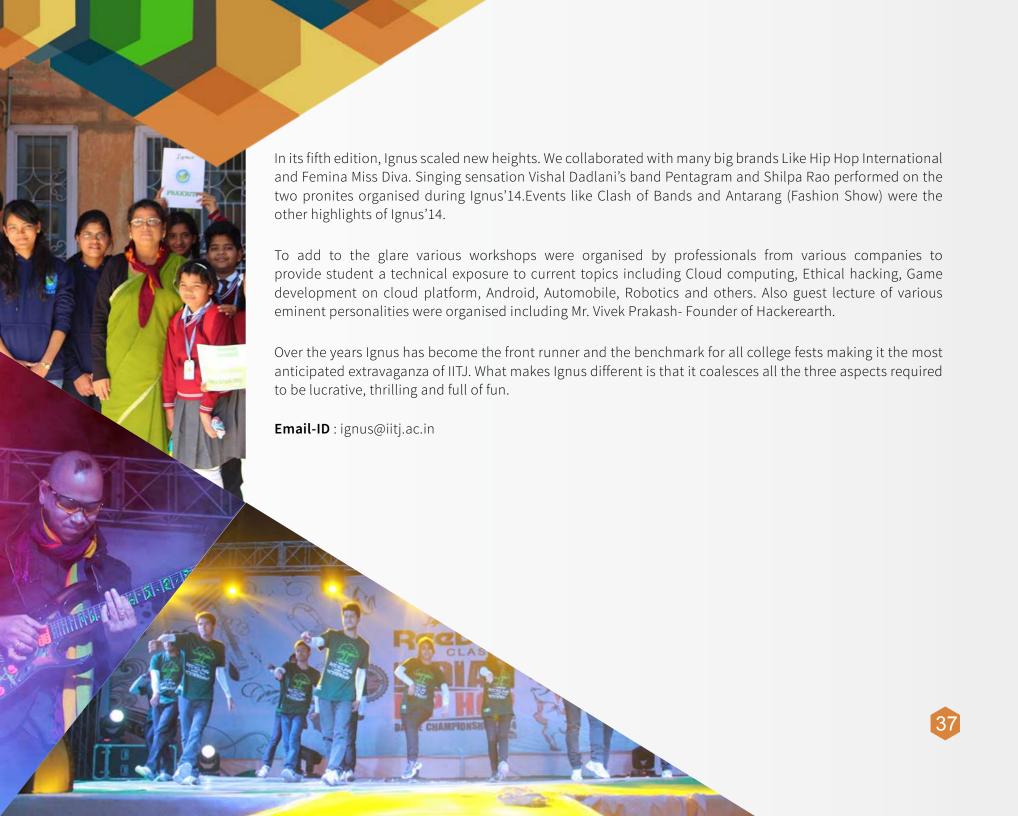




IGNUS is IIT Jodhpur's Annual Techno –Social Cum Cultural Festival organised in the year beginning. In these many years of its existence it has witnessed a footfall of colleges from all across the country making Ignus a much awaited spectacle every year.

Ignus comprises of an array of cultural events, activities and competitions which keep the fest full of life and zest. The cultural events mainly consist of pronites, performances and competitions, etc. Coming to the "techno" part of the event which promises to ignite your gray matter, has its motto of promoting innovation, technology and scientific thinking. Ignus has created an unmatched aura of science and technology spectacle at the campus of IITJ.

Realising its social Responsibility, IGNUS has initiated a social campaign - "PRAKRITI" to ensure sustainable development of the society by conducting various campaigns, competitions and exhibitions in various schools and colleges. Also adding to the fun are the buzzing informals like city wide treasure hunt- Breakthrough which is one of the only event of its kind to take place in Jodhpur.



VARCHAS

Varchas is the sports fest of IIT Jodhpur organised every year in the month of February. This year it was organised from 13th -16th February, 2014. Varchas celebrates the spirit of sportsmanship and serves as a platform to showcase countless hours of perspiration put in by college teams to achieve excellence in sports. Varchas was first conducted in the year 2011, with a vision of promoting sports among the colleges of India, particularly Rajasthan and providing the athletes in India a platform to showcase their talent.

Competitions are held in the fields of football, cricket, table tennis, lawn tennis, badminton, squash, volleyball, basketball and athletics in national level stadiums of Jodhpur. Varchas promotes healthy competition and is a great opportunity for the teams to prove their mettle in their respective sports.

Moreover, being the educated core of the country, the students of IIT Jodhpur try to fulfil their social obligation through "Soch -The Social Aspect of Varchas". Soch is a platform where we take up pertinent social issues and try to find possible solutions through discussions and debates; spread awareness and conduct drives to involve people spanning across varied backgrounds. We attempt to create a profound social impact for the amelioration of the society.

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INSTITUTE EVENTS

SPANDAN

Spandan is the intra college cultural fest of IIT Jodhpur. Usually the first fest of the session, it is participated by an enthusiastic crowd, eager to portray their talents in the cult arena. Versatility in the various categories is extensive, with competitions in fields like drama, dance, singing, literature, photography events, informals and fashion show among others. Three days of Spandan awaken the whole campus leaving them to prepare all night.

Spandan is one of the first public occasions to occur in the year and hence it also brings together students from all years to interact with each other. Participation with zeal and showing the hidden creativity tamed inside an individual is the motive of the fest.

NIMBLE

Nimble, the intra college technical fest provides a platform to the techno buds of the college to show their hidden talent. Nimble comprises of four action packed days filled with a great variety of tech and science events ranging from intense mind boggling events such as robotics, Electronics, programming to fun filled events like angry bird, quizzes, crypto etc. Apart from the events, the talks by eminent personalities in the field of Science and Technology are organized to motivate students to work harder as there is no end to discoveries and inventions.







KNOW YOUR CITY

Welcome to Jodhpur, "the Sun City". Jodhpur is the second largest city in the Indian state of Rajasthan and located 335 km west to the state capital Jaipur. Founded in 1459, by Rao Jodha, a Rajput chief of the Rathore clan, Jodhpur was formerly capital of the Kingdom of Marwar. It is a popular tourist destination in Western India.

Climate: Jodhpur is known as the "Sun City" for the bright and sunny weather it enjoys throughout the year. It experiences dry and hot, a typical desert weather. The average annual rainfall is approximately 32 cm. In summer, the temperatures range from a maximum of around 42 C to a minimum of around 37 C. In winters, the maximum and minimum temperatures are around 27.5 C and 15.5 C respectively.

Cuisine: Jodhpur, being a tourist destination has a number of restaurants and eating-places. A wide range of cuisines including Indian, Chinese, Continental and Mughlai are readily available. While in Jodhpur, do not forget to try the famous Kachouris. Those with a sweet tooth should try the laddoos and ghevar and thirst quenchers like makhaniya 'lassi'. Some of the restaurants popular among the students are Crossroads, Kalinga, On the Rocks, Tamarind, Mc.Donalds, Uncle Sam's pizza, Janata Sweet house, Gypsy Dining Hall etc. Some of these restaurants also offer concessional rates to the students of IIT Jodhpur with a valid identity card.

Places to see: The magnificent Fort of Mehrangarh, a living testimony of the military might of the Rajputs, is truly worth a visit. The grand Umaid Bhavan palace and the adjoining temple, only a ten minute drive from the institute's academic area are good places to spend an afternoon. The Government Museum located within the beautiful Umaid Gardens is enriched with a rich collection of armory, textiles, local crafts, miniatures and images of Jain Tirthankaras. The Mandore Gardens are another tourist attraction. The Balsamand and Kaylana lakes are also ideal places for picnics or outings. In addition other famous tourist destinations like Mt. Abu, Udaipur, and Jaipur etc. are just about 6 hours from Jodhpur.

Some other important locations

Ratanada Circle - IIT Jodhpur Academic area, variety of shops

Sardarpura - good place to buy clothes and to eat out

Jalori Gate - a good place for buying books, spectacles, hardware and computer accessories

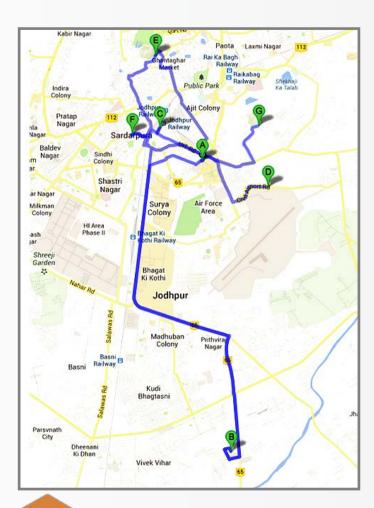


ACADEMIC CALENDAR

S. No.	Events/Activity	Date
1	Registration : New Students	22-Jul-2014 (Tuesday)
2	Registration : Old Students	23-Jul-2014 (Wednesday)
3	Classes Begin	24-Jul-2014 (Thursday)
4	Last Date for Add/Drop of Courses	31-Jul-2014 (Thursday)
5	First Mid Semester Exam	04-Sep-2014 (Thursday) to 06-Sep-2014 (Saturday)
6	Mid Semester Course Feedback	29-Sep-2014 (Monday)
7	Second Mid Semester Exam	09-Oct-2014 (Thursday) to 11-Oct-2014 (Saturday)
8	Mid Semester Break	18-Oct-2014 (Saturday) to 26-Oct-2014 (Sunday)
9	End Semester Course Feedback	14-Nov-2014 (Friday)
10	Last Day of Classes	21-Nov-2014 (Friday)
11	End Semester Exam	24-Nov-2014 (Monday) to 29-Nov-2014 (Saturday)
12	Winter Vacations (for students) begin	01-Dec-2014 (Monday)
13	Last Date of Grade Submission	02-Dec-2014 (Tuesday)



REACH US



- A. IIT Jodhpur Academic Campus
- B. IIT Jodhpur Residential campus
- C. Jodhpur Railway Station
- D. Jodhpur Airport

- E. Mehrangarh Fort
- F. Sardarpura Market
- G. Umaid Bhavan Palace

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