INFORMATION BOOKLET FOR B.VOC. PROGRAMS 2018-19

JAIPUR ENGINEERING COLLEGE

SP-43, RIICO INDUSTRIAL AREA,

KUKAS, JAIPUR-302028

OUR GUIDING PRINCIPLES

VISION

To make students technologically superior & ethically strong and build them as professionals who will become the trend setters in the industry

MISSION

To be amongst the top engineering institutes and to establish itself as a deemed university

CORE VALUES: 10 Pillars of Inspired Learning

Academic integrity and accountability	Respect and tolerance for the views of every individual	Attention to issues of national relevance as well as of global concern	Breadth of understanding, including knowledge of the human sciences	Well qualified, dedicated and committed associates
Appreciation of intellectual excellence and creativity	An unfettered spirit of exploration, rationality and enterprise	Creation of State-of-the-art infrastructure, facilities and services	Finest interaction with industry and alumni	Quality placements for our student

Explore more at…

www.jeckukas.org.in

CHAIRMAN'S MESSAGE

Welcome to JEC Group for B.Voc Programs : An another Milestone for Learning & Skilling

Today, India is the most dynamic and youngest economy across the world. It is currently the most attractive destination for foreign investments and to cater the same we will need trained and educated, and niche workforce in diverse sectors. This will not only curb the current manpower needs, but will also lead to educated, skilled, and employed youth responsible for building a strong nation. Industry-Academia collaboration is crucial to boost employability and entrepreneurship among students.

For this purpose, AICTE has embarked on various initiatives that focus on imparting skills and knowledge both for the students and the faculty, partnering with the industry members. As learnt the B.Voc. Programs and schemes connect educational institutions with the industry and to improve both the quality of students and faculty through internships and trainings. We believe that learning outcome of knowhow through repeated hands on working practice is skill. This will not only cater to existing job markets with traditional skills, but also train human resources with high end skills required for meeting the demands and challenges of the 4th industrial revolution which ensure their employability. In our quest of excellence, we have geared ourselves to adopt pioneering methods to improve the total quality of teaching learning activity in the campus and experiential learning at industry.

Apart from B.Tech and M.Tech programs, our journey of contributing to the skill development ecosystem in Rajasthan India in PMKVY Schemes and Suryamitra Schemes started in April 2017. While the road travelled thus far has been full of learning and satisfying achievements, a lot remains to be done in the years ahead as we believe that skills and knowledge are the driving forces of our nation's economic growth and social development. India has been facing severe shortages of well trained and skilled workers. About 12 million people enter the workforce every year in India who need jobs with vocational skills. With this demographic dividend waiting to be reaped, our institute is now in the mission mode of harnessing their enormous potential by imparting B.Voc programs which are outcome focused quality courses with scale and speed.

In the process of skilling students will get abundant exposure in international conferences, symposia, workshops and cultural events to hone their skills to be a complete skilled professional of future. We welcome you all with open heart to experience superior campus and experiential learning at industry in every aspect of life and success in forthcoming years. I pray to almighty to bless you with great future

JAIPUR ENGINEERING COLLEGE (JEC)

Since its inception in 2000, Jaipur Engineering College (JEC) has been known to enable students to carve a position for themselves and transform them into well cultured strong personality. Located on the calm and peaceful outskirts of Jaipur on Delhi Highway, JEC provides students with state-of-the art infrastructure which helps them to attain comprehensive understanding of their chosen engineering discipline. An additional unique aspect of JEC is its rich sporting culture which makes engineering study even more enjoyable. The institute is approved by AICTE, New Delhi and affiliated to RTU, Kota. It is a learning zone where students are taught to become men of value & ethics and not just men of success.

Courses Offered

JAIPUR ENGINEERING COLLEGE (REAP CODE-19)

Discipline B. Tech. Programme	REAP Quota	JEE Quota	Management Quota	Total Seats
Civil Engineering	84	18	18	120
Computer Science Engg.	84	18	18	120
Electrical Engineering	42	9	9	60
Electronics and Comm. Engg.	42	9	9	60
Information Technology	42	9	9	60
Mechanical Engineering	84	18	18	120
TOTAL	378	81	81	540

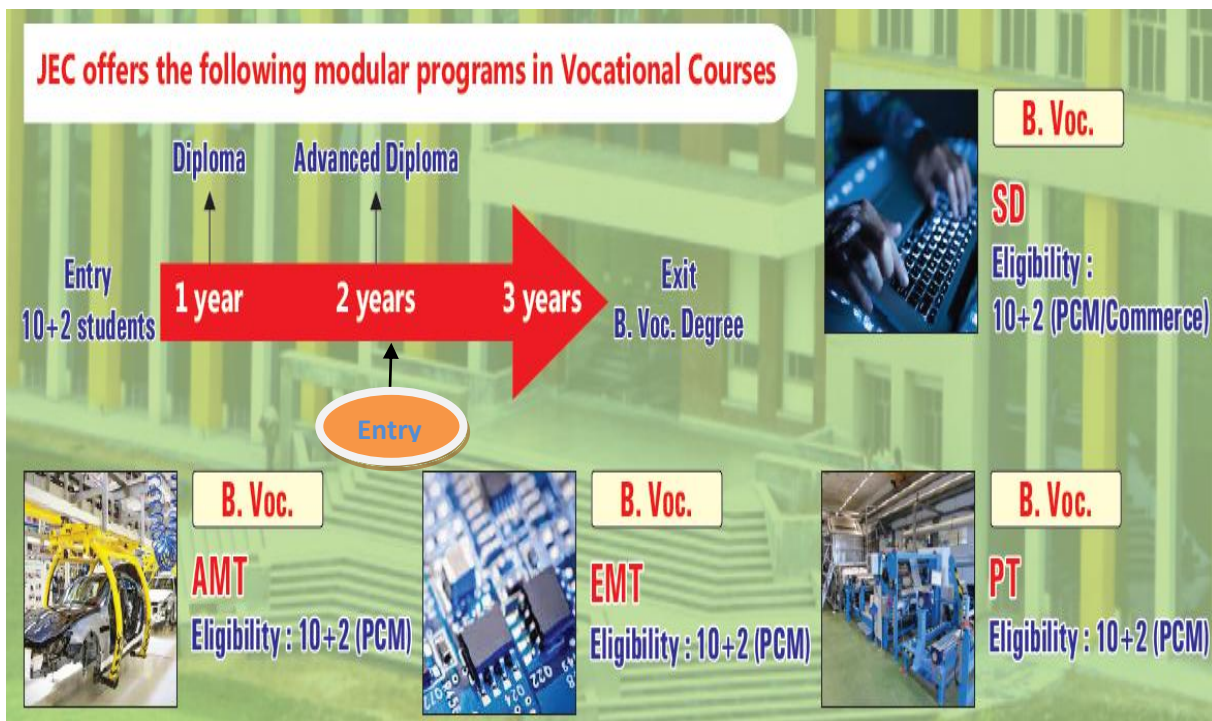**There is no Elevator to Succeed! You have to take the Stairs!!**

M.Tech.	Total Seats
Computer Science	18
Power Systems	18
Digital Communications	18
Production Engineering	18
Total	72

Recently, several initiatives have been introduced by the government in the field of higher education to improve skilling and bring in better access, equity and equality. The Skills Assessment Matrix for Vocational Advancement of Youth (SAMVAY) launched by the HRD ministry, in collaboration with the Ministry for Skill Development and Entrepreneurship, will see students move easily from the education sector to the skilling sector.

The All India Council for Technical Education (AICTE) spearheads this initiative in all the technical institutes. As such AICTE has launched a scheme on skills development based higher education as part of leading to Bachelor of Vocation (B.Voc.) degree with multiple entry and multiple exits such as Diploma / Advanced Diploma under the National Skills Qualifications Framework (NSQF). The programme focuses on skill development based higher education leading to Bachelor of Vocational (B.Voc.) degree. We have been granted approval in April 2018 for running B.Voc Courses by AICTE, New Delhi. The names and entry requirements of the programs in brief are as follows

JEC offers the following modular programs in Vocational Courses

BACHELOR OF VOCATION PROGRAMS

Preamble:

The AICTE has launched a scheme on skills development based higher education as part of leading to Bachelor of Vocation (B.Voc.) degree with multiple entry and multiple exits such as Certificate/Diploma/Advanced Diploma under the National Skills Qualifications Framework (NSQF). The programme focuses on skill development based higher education leading to Bachelor of Vocational (B.Voc.) degree.

Its objective is to provide judicious mix of skills relating to a profession and appropriate content of general education, so that they are work ready at each exit point of the programme. It also integrates NSQF within the undergraduate level of higher education in order to enhance employability of the graduates and meet industry requirement. The curriculum in each of the

semesters / years of the programme would be a suitable mix of the General Education Components (GEC) and Skill Education Components (SEC) in a fixed ratio of 40:60. This would enable the graduates completing B.Voc. to make a meaningful participation in accelerating India's economy by gaining appropriate employment, becoming entrepreneurs and creating appropriate knowledge.

At Present Jaipur Engineering College has given approval for conducting following B.Voc Programs with an intake of 25 each with likely to be affiliated with RISU, Rajasthan

Duration of the courses:
- 3 years i.e. 6 semesters with multiple entry and exit points.

1. AUTOMOTIVE MANUFACTURING TECHNOLOGY : 25 Seats

About the Program

The world is entering into the Fourth Industrial Revolution, known as Industry 4.0. Immersive technologies like Virtual Reality and Augmented Reality with aggregate manufacturing technologies based on 3D Printing coupled with holography are making it happen. Further integration of processes with Artificial Intelligence, Big Data Analytics and Internet of Things are making machines/ systems to be more intelligent, creative, cost-effective and highly efficient, leading towards total automation of all aspects of manufacturing. The services / utilities / products / processes related to automotive manufacturing are getting exponentially automated, self-driven and on auto-pilot systems. The program will enable the students to realize the complexities of the manufacturing processes, handled at the shop floors of the industry. The focus of the program is to prepare them to get familiar with the manufacturing ecosystem, while working with the industry and also be able to effectively use the tools and equipment for achieving the stringent quality standards in the manufacturing in an optimized manner.

Program Highlights

- Application-based Learning
- Earn-while-Learn
- Dual Education Model
- Learn & Apply Skills
- Entrepreneurial Skills
- World-class OJT Facility
- Placement Support
- Highly Subsidized Fee
- Leadership and Supervising
- Theory, Practice & Rigorous Curriculum
- Student's Mobility- Horizontal and Vertical
- Work Integrated Learning Options

Who should attend?

- 10+2 (PCM)
  or
- 3-year Diploma in Automobile Engg./ Mechanical Engg. /Production Engg / Industrial Engg. / Computer Science/ Information Technology/ Power Engg./ Electronics/ Instrumentation/ Plastic Technology/ Electrical/ Electrical & Electronics/ Electronics & Communication/ Textile Technology/ Civil/ Chemical Engineering/ Mechatronics Engg.
  or
- 10 + I.T.I (Minimum 2-year) in Technician/ Mechanic/ Maintenance/ Machinist/ Repair/ Mechanical/ Auto/ Electrical/ Electronics/ Turner/ Tool & Die making/ Sheet Metal/ Refrigeration & Air Conditioning / Pump Operator/ Networking, with 2 Subjects (compulsory one Academic and one Language subject) passed from any recognized Board of Education.

2. PRODUCTION TECHNOLOGY

About the Program

Production Technology is a branch of professional engineering concerned with the understanding and application of Engineering Procedures in Manufacturing Processes and Production Methods. Production Technology requires the ability to plan the practices of manufacturing; to research and to develop tools, processes, machines and equipments; and to integrate the facilities and systems for producing quality product with the optimum expenditure of capital.

Manufacturing or Production Engineer's primary focus is to turn Raw Material into an Updated product or a New Product in the most effective, efficient & economic way possible. Further integration of processes with Artificial Intelligence, Big Data Analytics and Internet of Things are making machines/ systems to be more intelligent, creative, cost-effective and highly efficient, leading towards total automation of all aspects of manufacturing. The services / utilities / products / processes related to manufacturing are getting exponentially automated, self-driven and on auto-pilot systems. The program will enable the students to realize the complexities of the production processes, handled at the shop floors of the industry. The focus of the program is to prepare them to get familiar with the total productivity ecosystem and Quality Assurance tools and techniques while working with the industry and also be able to effectively use the tools and equipment for achieving the stringent quality standards in the manufacturing sector.

Program Highlights

- Application-based Learning
- Earn-while-Learn
- Dual Education Model
- Learn & Apply Skills
- Entrepreneurial Skills
- Hands on Training in World-class OJT Facility
- Placement Support

- Highly Subsidized Fee
- Leadership and Supervising
- Theory, Practice & Rigorous Curriculum
- Student's Mobility- Horizontal and Vertical
- Work Integrated Learning Options

Who should attend?

- 10+2 (PCM)
  or
- 3-year Diploma in Automobile Engg./ Mechanical Engg. /Production Engg / Industrial Engg. / Computer Science/ Information Technology/ Power Engg./ Electronics/ Instrumentation/ Plastic Technology/ Electrical/ Electrical & Electronics/ Electronics & Communication/ Textile Technology/ Civil/ Chemical Engineering/ Mechatronics Engg.
  or
- 10 + I.T.I (Minimum 2-year) in Technician/ Mechanic/ Maintenance/ Machinist/ Repair/ Mechanical/ Auto/ Electrical/ Electronics/ Turner/ Tool & Die making/ Sheet Metal/ Refrigeration & Air Conditioning / Pump Operator/ Networking, with 2 Subjects (compulsory one Academic and one Language subject) passed from any recognized Board of Education.

3. SOFTWARE DEVELOPMENT

About the Program

Software development (also known as application development, software design, designing software, software application development, enterprise application development, or platform development) is the development of a software product Software is quickly becoming integral part of human life as we see more and more automation and technical advancements. Just like we expect car to work all the time and can't afford to break or reboot unexpectedly, software industry needs to continue to learn better way to build software if it were to become integral part of human life. In this course, students will get an overview of how software teams work? What processes they use? What are the industry standard methodologies & how to develop them? What are pros and cons of each? Students will learn enough to have meaningful skill in software development processes and services.

After successfully completing this vocational course, a learner will be able to acquire relevant appropriate and adequate technical knowledge together with the professional skills and competencies in the field of Software Development

Program Highlights

- Application-based Learning
- Earn-while-Learn
- Dual Education Model
- Learn & Apply Skills
- Entrepreneurial Skills
- World-class OJT Facility
- Placement Support
- Highly Subsidized Fee
- Leadership and Supervising
- Theory, Practice & Rigorous Curriculum
- Student's Mobility- Horizontal and Vertical
- Work Integrated Learning Options

Who should attend?

- 10+2 (PCM / Commerce)
  or
- 3-year Diploma in Engineering
  or
- 10 + I.T.I (Minimum 2-year) in Technician/ Mechanic/ Maintenance/ Repair/ Operator/ Networking in Computer Science / Information Technology with 2 Subjects (compulsory one Academic and one Language subject) passed from any recognized Board of Education.

4. ELECTRONIC MANUFACTURING SERVICES

About the Program

Electronics manufacturing services (EMS) is a term used for companies that design, manufacture, test, distribute, and provide return/repair services for electronic components and assemblies for original equipment manufacturers (OEMs).

The development of Surface Mount Technology (SMT) on printed circuit boards (PCB) allowed for the rapid assembly of electronics. The early 1990s saw OEM's rapidly installing SMT lines. EMS players like SCI and Avex struggled to exist as OEMs would pull contract or change vendors constantly. By the mid-1990s the advantages of the EMS concept became compelling and OEMs began outsourcing PCB assembly (PCBA) in large scale. By the end of the 1990s and early 2000s many OEMs sold their assembly plants to EMS aggressively vying for market share. A wave of consolidation followed, as the more cash-flush firms were able to buy up quickly both existing plants as well as smaller EMS companies.
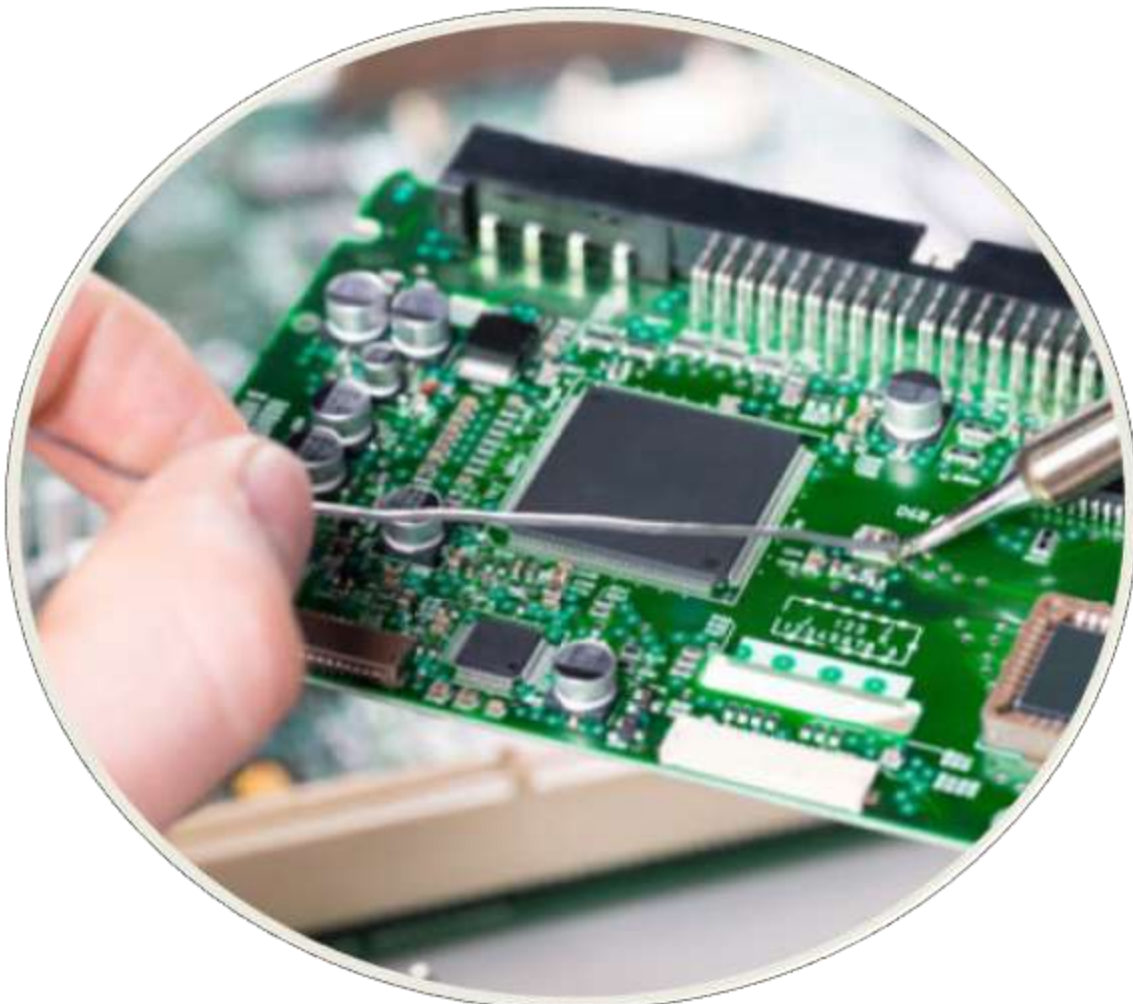
EMS companies may provide a variety of manufacturing services, including design, assembly, and testing. EMS companies may be contracted at various points in the manufacturing process. The worldwide electronics manufacturing services (EMS) market is a determining force in production of electronics products and now accounts for almost 40 percent of all assembly. The world market size of EMS according to industry association for printed circuit board and electronics manufacturing service companies 2017 is estimated in Billions of U.S. Dollars on the segment of Printed Circuit Boards (PCBs), Electronics Manufacturing Services (EMS) and Electronic Equipment (Including Components) around $62.1, $435.2 and $1,756 respectively

Therefore, the EMS sector is very blooming sector and career opportunities are enormous

Program Highlights

- Application-based Learning
- Earn-while-Learn
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Who should attend?

- 10+2 (PCM)
  or
- 3-year Diploma in Engineering
  or
- 10 + I.T.I (Minimum 2-year) in Technician/ Mechanic/ Maintenance/ Repair/ Operator/ Computer Science / Information Technology / Electronics / Electrical with 2 Subjects (compulsory one Academic and one Language subject) passed from any recognized Board of Education.

THE PERFECT ELEMENTS OF A CAMPUS

INFRASTRUCTURE AND FACILITES

The Campus

JEC firmly believes that the learning experience extends far beyond the four walls of a classroom. Thus great care has been taken to retain the original greenery of the earlier land and topography. The Campus, spread over a sprawling 17 acres of land, is picturesque and peaceful. One can find rare species of plants, a significantly positive character for a busy academic centre located in the industrial hub heart of the city, Kukas Jaipur, encouraging students to imbibe the many facets of a truly fulfilling and learning experience in a very quiet atmosphere.

The Classrooms

The role of technology in the classroom has come to dominate higher education planning discussions over the past decade. We at JEC adhere to the norms for effective teaching learning requirements. In nutshell, therefore our all classrooms are designed smartly and equipped with black boards, adequate seating arrangements, windows for Ventilation, well polished & finishing of the rooms, Fans with accurate air distribution and arrangements for interaction with built in technology, where students imbibe the virtues of hard work, discipline, ethical practice and achieve high standards of excellence in every sphere of life.

A truly national Village

Our students are the cultural ambassadors of the states that they have come from. JEC is truly a national village, a melting pot of cultures and ideologies, the perfect atmosphere for honing of personalities with multiple facets.

A Technology - Led Learning Centre

With 2500 computer systems, the student information system (SIS) and several digital classrooms, JEC is one of the first educational centers to go Wi-Fi in the state of Rajasthan. A student can sit on the lush greens, on the footsteps leading to a temple or under a tree and get connected to the world - pointers to use of technology in the campus.

LIBRARY The Knowledge Bank! Because 24 x 7 Learning Matters

A well-equipped library containing latest textbooks and journals, both Indian and international, is situated in the campus. The central library of the campus has additional facilities such as photocopying machines and computers with Internet facilities. It has many sections such as Reading Section, Digital Section, Reprography Section, Library resource management section and Service counter

The spacious & well furnished Libraries of JEC is a collection of sources of information and similar resources, made accessible to student community and faculty for reference or borrowing. The physical or digital access to material is very convenient as they are designed properly, suitably located with comfortable seating arrangements. The Library annexe is one of the best in the state presenting a relaxed ambience for students to spend long hours reading / taking notes and making references from the large collections. A library's collections include books, periodicals, newspapers, manuscripts, films maps , prints , documents , microform , CDs , Cassettes, Videotapes, DVDs, e-books , audio books , databases, and other formats.

"GREAT LIBRARIES HAVE ALWAYS LOOKED TO BOTH THE FUTURE AND THE PAST."

Both the colleges of JEC has own libraries. Some of the unique qualities are

- The most important quality as our library employees are well-mannered and social.
- Our Librarians are knowledgeable in their field; they have a good understanding of how to find information, how to evaluate the quality of information sources, and how information is organized.
- Our Librarians are good teachers, "They demonstrating how, when, and why to use various reference sources in an integrated way to capture the student's attention at the teachable moment"
- "Technology continues to change reference service. Therefore our Librarians are curious and inquisitive with new tools and resources.
- Plenty number of text books and reference books are available in the library
- Subscription of online Journals namely ASTM Digital Library, J-Gate, ASCE, IEEE, Springer, Wiley and Elsevier covering diverse aspects of engineering
- A wide collection of International and National Journals CD's back volumes, e-books, and access to online Mcgraw Hill Books
- Text books and study materials on Engineering, Science, Management and Humanities for students of all semesters under book bank scheme
- Library access to students even after college hours

Auditorium

An auditorium is a room built to enable an audience to hear and watch performances at venues such as theatres. The JEC has one big spacious auditorium beautifully designed with a large seating capacity. Similarly each departments of each college has separate departmental auditoriums to facilitate in organizing interactive sessions, seminars, Symposiums and presentations of experts from technical and corporate world. All the auditoriums are equipped with ultra modern state of the art acoustic and superb audio visual aids.

Digital Library

One of the finest developments in the Campus is the digital library. Students, faculty and researchers can access new developments and reference material with the click of a button.

It caters to the knowledge needs of the students and faculties alike.

Cafeteria: The Food Court in the campus

A cafeteria is a type of food service location in which there is little or no waiting staff table service. A restaurant at campus with ample space offers choice food of different regions & outside the state from all parts of India.

Students prefer to spend their spare time to refresh themselves for healthy learning and enjoyment.

Hostels, Food Courts and Messes

Separate hostels are provided for boys and girls situated within the campus. These consist of neat rooms and dormitories, good toilet facilities and all the comfort that students seek to live in a hygienic atmosphere. The facilities also include well – ventilated reading rooms and television. The Gym, Squash Court and associated features in this modern complex offer world-class facilities.

GAMES AND SPORTS Forums of Cultivating Team Spirit!

A healthy mind in a healthy body makes for overall development of students. Students are encouraged to take up sports during their free time. A soccer field, a tennis court and basketball & volleyball courts, squash courts and gym facility exist in the campus, apart from a host of other facilities for indoor and outdoor games. Qualified and trained physical education teachers are available for students who need a helping hand.

ALL STUDY AND NO PLAY CREATES DULLNESS

Banking

Indian Overseas Bank has installed an ATM near the main entry gate of the campus. Apart from that branches of all leading Governments Banks are available in Kukas offering ready access to banking facilities.

RIGHT RESOURCES FOR THE RIGHT COMFORT

Laboratory facilities

The college has state of the art laboratory facilities supported by highly skilled man power. Care has been taken to invest extensively in every department of engineering with periodic up-gradation and proper maintenance. The best of faculty with innovative teaching methods effectively combine modern theory and practical learning which has become a guiding light for fresh entrants to shape them into professionals, as they pass out of the portals of the college.

GENESIS OF NEW IDEA

Transport

College buses are available to students commuting between different locations & routes in the city and campuses. The college provides transportation for students to visit camps organized outside the campus.

Teaching - Learning Process

The faculty arranges for technical field visits in conformity with the curriculum. The faculty and students have access to EDUSAT, a distance-learning programme, an initiative of the IIT Kharagpur, Bombay and NITTTR Chandigarh. The faculty can access and browse text books and journals through DELNET and J-GATE, an open source for information promoted by the AICTE, New Delhi and Ministry of HRD, New Delhi. The faculty and students have unlimited and free access to INTERNET through the college Internet browsing centre. Further we have subscribed for online journals with IEEE, ASCE, ASME, SPRINGER, ELSEVIER, ASTM, Digital Library, EBSCO (Architecture), EBSCO (Management) etc.

The learning materials from NPTEL can be downloaded from our internet centre for personal use. Similarly, the other open learning resources can be accessed from internet facility of our college. To support reprography needs of the students photocopying services are available at reasonable cost.

Central Computer Centers / Internet / SIS

At JEC , we understand that students should not be restricted only to class room learning rather they should be given scope for self study, which is possible through Internet / SIS. So, There is a centralized computer centre with a large number of computers with Internet facilities. Students have full access to the centre for their development and information. A well developed Student Information System (SIS) is in place, where the faculty enters all the information with reference to student sources of advanced study, points that needs to be revised performance and attendance regularly enabling easy online monitoring of the progress of the students.

Student Counseling – Mentoring System

The college has a well designed Mentoring system in tune with the institution policy. Students are ed in batches and a proctor is assigned to look after their progress. The Mentor interact continuously with the assigned students, monitor their progress and development based on feedback from the concerned faculty on aspects like: attendance, performance in tests and examinations.

Health Care

Health care is the diagnosis, treatment, and prevention of disease, illness, injury, and other physical and mental impairments in human beings. In order to take care this activity a medical unit is set up in the college. A part-time physician has been employed by the who regularly visits college and hostels to monitor the health of students. Apart from this, the JEC has agreement with most reputed government and private hospitals of Jaipur, where our students and staff members can be admitted any time.

Alumni Interaction

Alumni meetings are organized in the college at periodic intervals. The college possess strong alumni network gathered through continual interaction with the past students. A data bank has been made in which students personal profile is kept and updated at regular intervals. The response has been encouraging as seen from the active participation of our former students. Efforts are on to connect all engineering alumni and explore everyone for superior interaction.

Anti Ragging Cell

In consequent to the directions of Hon'ble Supreme court , JEC has strict norms to stop ragging in any form. All the measures have been taken to prevent any act of ragging in the campus and outside the campus. Anti ragging cell has been formed in the to quick action on being reported any such act of ragging

Soft Skill Training & Personality Development

The   lays great emphasis on the communication and soft skill training & personality development for engineering students. Keeping in view of the existing behavioural demands tie-ups are done with outside agencies and some extra faculties are appointed to mentor student's needs. Special classes are arranged in the evening according to need.

Workshop

A dedicated workshop is associated with mechanical engineering department with all necessary tools and tackles for doing basic practical and honing skills for planning, making, measuring and fitment of the products. A of dedicated and experienced faculty guide students to bring perfection in the students

DETAILS OF FACULTY AND TRAINERS IDENTIFIED FOR B.VOC PROGRAMS

S. No	Specialization	Name	Department	Designation	Highest Qualification	Total Experience
1	Software Development	Mr. Saurabh Singh	Computer Science & Engineering	Assistant Professor	M.Tech.	6 Years
2	Software Development	Mr. Rajendra Singh	Computer Science & Engineering	Assistant Professor	M.Tech.	5 Years
3	Electronic Manufacturing Services	Mr.Rajkumar Sharma	Electronics & Communication Engineering	Assistant Professor	M.Tech.	4 Years
4	Electronic Manufacturing Services	Mr. Gauri Shankar Sharma	Electronics & Communication Engineering	Assistant Professor	M.Tech.	8 Years
5	Automotive Manufacturing Technology	Mr. Anil Kumar Agrawal	Mechanical Engineering	Associate Professor	M.Tech.	14 Years
6	Automotive Manufacturing Technology	Mr. Jatin Samra	Mechanical Engineering	Assistant Professor	M.Tech.	6 Years
7	Production Technology	Mr. Jitendra Rai	Mechanical Engineering	Assistant Professor	M.Tech.	6 Years
8	Production Technology	Mr. Sulabh Nalaya	Mechanical Engineering	Assistant Professor	M.Tech.	7 Years

TRAINING AND PLACEMENT CELL (TPC):

THE DESTINY DESIGN CENTRE

Graduating students receive assistance through Campus interviews/placements. The placement cells in various colleges in the campuses are active working closely with the passing out students and companies looking out for fresh graduates. JEC GROUP has a strong placement record with many of the passing. The true measure of effectiveness of any such employability enhancement program lies in the acceptance of its students by the industry. JEC has an unmatched track record in helping young Engineers find their dream careers. In fact, JEC has been rated as the first choice of employers for recruitment.

OBJECTIVES OF TP CELL

- Identification of student's potential and mapping their competencies.
- Cataloguing the database of students (their specialization, interest and academic performance).
- Providing interlink for the enthusiastic talent ready to explore new horizons alongside the growing requirement of the corporate world.
- Working as a platform for molding the students according to the requirements of the corporate world.
- Designing a web-based job-search portal carrying out career counseling for students.

GUIDE LINES FOR PLACEMENTS

We believe in order and system that every programme and activity undertaken are in the interest of career prospect of the student community. To meet up the specific purpose the placement cell has specified certain guidelines to be followed for final placement.

- ❖ Offers to students should be made only through the Placement cell.
- ❖ Details regarding the Organizations final placement requirement and he registration form should reach the Placement cell as early as possible. These details are required to help in scheduling the entire placement process for convenience of all involved.
- ❖ On receipt of the list of job opportunities along with the relevant company literature, the Placement office will collect the updated Bio-data of interested candidates and forward them to the organizations.
- ❖ The selection process will be held in the college campus on mutually convenient date during the placement months.
- ❖ On completion of the selection procedure, organizations are required to announce the list of selected candidates on the same day or as per their convenience in a minimum period.
- ❖ Abnormal delay in announcement may lead to the selected candidates being placed elsewhere.
- ❖ Organizations are requested to specify the terms and conditions discussed and agreed upon during the interviews along with the list of selected students to the Placement Officer.
- ❖ Appointment Letters to the selected candidates should be sent by the organization through the placement officer to the students or directly to the student with a copy to the placement officer at the earliest. Duplicate copy of appointment letters duly signed and accepted will be returned to the organization at the earliest.
- ❖ We will take the responsibility for providing the required facilities for Pre-Placement Talk, Group Discussions and Interviews in the campus and will extend hospitality to the visiting executives.

Our Esteemed Recruiters: Partners in Progress

JEC has been a consistent topper for several years in the list of campus placement records. Offering information, advice, guidance and support for job-seeking students is considered a primary responsibility at JEC. Training and Placement Cell plays an important role in carrying out activities like

Industrial Visits **Practical Training** **Industrial Interaction** **Final Placement**

Facebook, Google, HP, Intel, TCS, Microsoft, HCL, Pepsico India, Yahoo, Accenture, Dell, Maruti Suzuki, Ashok Leyland, Oracle, Adani, BHEL, CLP Power, Indian Railway, NHPC, IOCL, NPCIL, NTPC, ONGC, Reliance Power, Tata Power, Coal India, PGCIL, Reil, BSNL, Prasar Bharati

OUR ON CAMPUS ESTEEMED RECRUITERS: 2016-17

Excellent Placements

...and many more

Placements : Key Statistics

Showing % of placements of our Eligible students in current Academic year
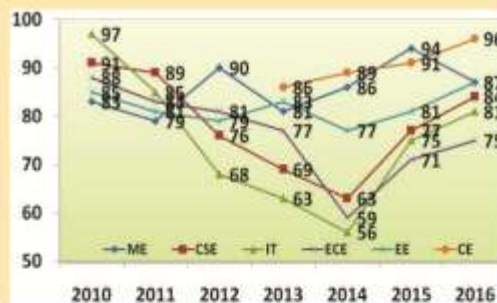
Trend of Placement % since 2010 in JEC
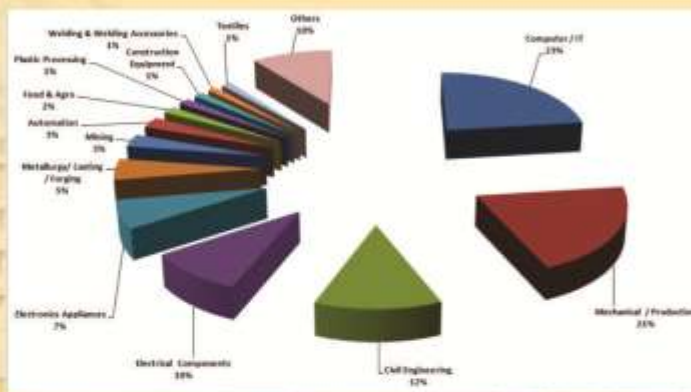
% of Type of Companies where our students are placed

महेन्द्र कुमार का इसरो में वैज्ञानिक पद पर चयन

सिटी रिपोर्टर • जयपुर इंजीनियरिंग कॉलेज के कंप्यूटर साइंस इंजीनियरिंग डिपार्टमेंट के लास्ट इयर के स्टूडेंट महेन्द्र कुमार जाट का भारतीय अंतरिक्ष अनुसंधान संगठन (इसरो) में वैज्ञानिक पद पर चयन किया गया है। महेन्द्र को कॉलेज के चार हजार स्टूडेंट्स में से चुना गया है।

ट्रेनी के तौर पर 49 स्टूडेंट्स हुए सलेक्ट

मेट्रो रिपोर्टर जयपुर ■ ९ अप्रेल

जेईसी ग्रुप ऑफ कॉलेजेज कूकस में पॉम्पी टैक्नोलॉजीज प्राइवेट लिमिटेड की ओर से एक कैम्पस प्लेसमेंट का आयोजन किया गया। टेक्निकल टेस्ट, ग्रुप डिस्कशन, पर्सनल इंटरव्यू आदि चरणों को पार करने के बाद 49 स्टूडेंट्स को प्लेसमेंट दिया गया। कॉलेज की ट्रेनिंग एंड प्लेसमेंट ऑफिसर निशी महाजन बताया कि प्लेसमेंट के जरिए चयनित 49 छात्रों को 3.05 लाख वार्षिक का पैकेज दिया जाएगा एवं देश के विभिन्न शहरों में ग्रेजुएट इंजीनियर ट्रेनी के तौर पर इन स्टूडेंट्स को अपॉइंट किया जाएगा।

HIGHEST NUMBER OF STUDENTS PLACED THROUGH CAMPUS PLACEMENT DRIVES

MOU's, Linkages & Tie ups

WE ASSOCIATE ONLY WITH THE BEST

MOU'S WITH INDUSTRY

The institute has entered into agreement for providing industrial internship with the following industries

Internshala	Hawkes Code Software	Inpodx Software	Telecom Sector Skill Council
TECHNOGLOBE	CAD DESK	Accurate Magnets Pvt. Limited	Engineering Council of India(ECI)
Silicis Road Industries LLP	Monad Electronics	Skill Council of Green Jobs	Bhardwaj Foundation

INSTITUTIONAL TIE UPS

At present JEC has following linkages and tie ups

NPTEL Online Courses , IIT's & IISc	Virtual Lab & Spoken Tutorials, IIT Bombay	NME- ICT, IIT Kharagpur	Training for faculty at NITTTR Chandigarh	Member, Confederation of Indian Industry (CII)	Board of Apprenticeship Training (NR), Kanpur
Medium Small and Micro Enterprises (Govt. of India)	National Entrepreneurship Network (NEN).	Institutional Member Indian Society for Technical Education	Institutional Member Indian Society for Lighting Engineers	Bharat Sanchar Nigam Ltd	Autodesk Auto CAD lab through Indian Vendor CAD DESK, Jaipur

PROFESSIONAL ASSOCIATIONS / SOCIETIES

Athens Institute for Education and Research Greece	Skill Council for Green Jobs (SCGJ), Govt of India	National Institute of Solar Energy Gurgaon	Science and Engineering Institute (SCIEI)	South Asia Institute of Science and Engineering	Int'l Association for Automation & Robotics in Const'n
Institution of Engineers (India)	International Association of Engineers (IAENG)	Materials Research Society of India (MRSI)	Association for Machines & Mechanism, India	Indian Institution of Production Engineers (IIPE)	UAMAE
Institution of Engineering and Technology(IET)	American Society of Mechanical Engineers (ASME)	Indian Society for Technical Education (ISTE)			

CULTURAL EVENTS

FOR THE LEARNING OUTSIDE THE CLASSROOM

At JEC Group of Colleges, we believe that memories truly last forever and the best part is making them cherishable forever.

AAGAMAN, MILAAP, FUNGAMA & ROSTRUM

are annual activities organized at JEC Group. Such initiatives are conducted with the aim to foster new relationships to tamongeam up with peer students, community and globe. Regardless of the fact, these are the opportunities for students to share their cultural and meet people of different cultures. In similar tunes, we also conduct farewells so that an everlasting bond is made between the ongoing seniors and the current students who pay a fitting tribute to their mentors.

THE BEST THING ABOUT MEMORIES IS MAKING THEM

Jec - Location - Jaipur India's picturesque pink city

Jaipur is the capital & largest city of Rajasthan state in northern India. It was founded on 18 November 1727 by Maharaja Sawai Jai Singh II, the ruler of Amer, after whom the city is named. The city today has a population of 6.66 million, making it the tenth most populous city in the country. Jaipur is also known as the Pink City of India. The city is unusual among pre-modern Indian cities in the regularity of its streets, and the division of the city into six sectors by broad streets 34 m (111 ft) wide. The urban quarters are further divided by networks of gridded streets. Five quarters wrap around the east, south, and west sides of a central palace quarter, with a sixth quarter immediately to the east. The Palace quarter encloses the Hawa Mahal palace complex, formal gardens, and a small lake. Nahargarh Fort, which was the residence of the King Sawai Jai Singh II, crowns the hill in the northwest corner of the old city. The observatory, Jantar Mantar, is one of the World Heritage Sites. Included on the Golden Triangle tourist circuit, along with Delhi and Agra, Jaipur is an extremely popular tourist destination in Rajasthan and India.

JEC is situated in the heart of Jaipur, India's "Pink City" also known as the "City of Kings & Monarchs", which ranks among the most dynamic, progressive and fascinating of Indian cities, is also the nerve centre for Biotechnology, Genetics and Information Technology. Burgeoning with technology firms and characterized by a high rate of development, it is one of Asia's fastest growing cities. The city of Jaipur is well connected with all principal cities of India by road, rail and air. Jaipur (Sanganer) International Airport has direct flights to a number of destinations across the cities and globe. Different Defense establishments, Various MSME laboratories, premier educational institutions like the MNIT and many large public sector organizations have brought in a large technical and scientific pool that is a reflection of the development over the last sixty years

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The Connections to Jaipur

By Air

The Jaipur airport is situated close to Sanganer, almost 13 km to the south of Jaipur City. Domestic airlines connect the city to Delhi, Mumbai, Kolkata, Ahmedabad, Agra, Jodhpur and Udaipur. The Jaipur airport also provides international flights to Dubai, London, Muscat and Sharjah. Taxis are available to and from airport. Air India, Indian Airlines, Jet Airways, etc. fly daily to Jaipur.

By Train

Jaipur is connected well with other cities by Indian Railways. A number of daily trains connect Jaipur to Delhi, Ahmedabad, Agra, Mumbai, Jodhpur, Kota, Alwar and Ajmer. Daily links are also available for Udaipur, Chittorgarh, Bikaner, Jaisalmer, Barmer, Kolkata, Jammu, Pathankot, Ludhiana, Kanpur, Roorkee, Haridwar, Gwalior, Indore, Jabalpur and Bhopal. Besides, a luxury train called "Palace on Wheels' starting from Delhi covers all tourist destinations in Rajasthan.

By Road

Jaipur is well-connected with all major cities through National Highways including NH 8, 11 and 12. Taking a bus to Jaipur is convenient . The Rajasthan State Road Transport Corporation (RSRTC) runs regular, Volvo (air-conditioned and non-air-conditioned) and deluxe buses between Jaipur and other cities within the state and also to and from Delhi.

Jaipur Engineering College