



JABALPUR ENGINEERING COLLEGE, INDIA

ONWARDS ON WINGS

<http://jecjabalpur.ac.in>

<http://tpo.jec-jabalpur.org>

Address: Jabalpur Engineering College, Gokalpur, Jabalpur Pin – 482011, Madhya Pradesh, India

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Brief profile

Name	JabalpurEngineeringCollege
Motto	Onwards on Wings
Established	7 July 1947
Location	Jabalpur, Madhya Pradesh, India (Central India)
Website	http://jecjabalpur.ac.in
Formername	Government Engineering College
Principal	Prof A. K. S Bhadauria (2015 – present)
Distinguished Alumni	<ul style="list-style-type: none"> ❖ Ajai Chowdhry (Padma Bhushan) - Co-Founder HCL ❖ Sharat Saxena – Veteran Bollywood Actor ❖ Sharad Yadav - President, Janta Dal United (JDU) ❖ P R Baghel – Regional Director - CEMILAC, DRDO. ❖ Manmohan Singh – Director - VRDE, DRDO. ❖ C B Bhave – Former chairman and managing director of NSDL and SEBI. ❖ Girish K Sharma – Former Chairman, GATE Entrance ❖ A K Saini – Lieutenant General, Indian Army
StudentBodies	<ul style="list-style-type: none"> ❖ JEC Student Organized Workshops – <i>Curiosity</i> ❖ JEC Debate Society (<i>JDS</i>) ❖ JEC Theatre Club - <i>Azaan</i> ❖ JEC Photographic Society (<i>JPS</i>) ❖ JEC Online Magazine - <i>Swarnima</i> ❖ JEC Annual Magazine – <i>Abhiyaam</i>
Festivals	<ul style="list-style-type: none"> ❖ <i>Aureole</i> - National Cultural Festival ❖ <i>WordCamp</i> - International Conference on Wordpress ❖ <i>Cruzade</i> - Techno-Management Fest ❖ <i>Agaz</i> - Annual Sports & Cultural Fest ❖ <i>TEDxJECollege</i> - International Conference ❖ <i>Spic Macay</i> Concerts ❖ <i>HELIX</i> – Literary festival
Campus	<p>Spread in 255 acres of land and lake. It is a small township with college campus, several hostels and residence for employees</p>
Publications	<p>Annual Magazine – Swarnima (Online), Abhiyaam(Online & Paperback) JEC scientific journal</p>
Batches	68 (as of 2015)
Amenities	<p>State of the art auditorium Sports: Basketball court, Tennis Court, Cricket/Football Ground, etc.</p>
NotableLabs	--IBM centre of excellence –TIFAC Core - High-Voltage Lab
Accreditation	NBA, AICTE

Message from Training & Placement Officer

It gives us immense pleasure to extend to you a most cordial invitation to participate in the Campus Placement Programme of Jabalpur Engineering College (JEC), Jabalpur. I consider it to be an honour and opportunity to present a group of young, dynamic individuals who have been groomed to face challenges that lie ahead of them in the industry and corporate world as a whole. The course curriculum to which these students have been exposed and groomed is at par with the institutes of national and international curriculum.

Our Institute holds the pride of place being pioneers in the field of engineering and technical education. We have been continuously ranked among the elite by our peers and our constant pursuit of excellence has made our institute a focal point in technical education for students and faculty members alike.

We seek to open frontiers of knowledge and reveal new horizons of change, to broaden mindsets and to create positive attitudes in our students. Our students get a lot of industrial exposure by their frequent industrial visits. Besides, our undergraduate students undergo eight-week training/internship in their summer vacations in reputed industries/institutions/organizations, as part of their academic requirements.

Please feel free to contact the Training & Placement Office should you require any further information/clarification.

Looking forward to a mutually beneficial relationship and with regards,

Dr. Prabhat Patel

Training & Placement Officer, JEC, Jabalpur

Academic Programs

Undergraduate programs

Bachelor of Engineering (BE)

- Civil Engineering
- Computer Science & Engineering
- Electronics & Communication Engineering
- Electrical Engineering
- Industrial Production
- Information Technology
- Mechanical Engineering

Bachelor of Engineering (Part-time)

- Civil Engineering
- Electronics and Communication
- Mechanical Engineering
- Electrical Engineering

Post-graduate programs

Master of Computer Applications (MCA)

Master of Engineering (ME)

- Environmental Engineering
- Geo-Technical Engineering
- Structural Engineering
- Communication Systems
- Microwave Engineering
- Control System
- High Voltage & Power System
- High Voltage Engineering
- Heat Power Engineering
- Machine Design
- Civil Engineering
- Electronics and Communication
- Mechanical Engineering
- Electrical Engineering

Admissions

Program	Details	Entrance
BE	Total Intake – 560 (Additional students are admitted through lateral entry program in the second year)	Entrance test is JEE Mains and seats are filled through the online off-campus counselling conducted by DTE, Madhya Pradesh
BE (PTDC)	For the in-service personnel holding a diploma in engineering	
ME	Total Intake – 162 A specialisation in various engineering domains	Based on GATE scores and interview
MCA	Total intake – 60	Admission through MP Pre-MCA examination conducted by Madhya Pradesh Professional Examination Board.
MSc	Total intake – 45 Masters in : Applied Physics, Applied Chemistry and Applied Mathematics	Selection is purely based on the percentage obtained in BSc degree examination, minimum expectation is 50% for the eligibility. Departments may conduct a selection test if the number of applicants exceeds 15.

Training and Placement

The Training & Placement Cell which was established in 1970's and since its advent it has played its role effectively. It invites companies and organisations for training, internships and on campus placements/pooled placements for the students.

The cell helps students gain professional experience by making them a part of the office and together we form an enthusiastic team.

More than 70 companies have visited in the past and present:

A

Amdocs
Anglo-Eastern Group
Atkins
Avantha Power

B

Bharat Aluminium Company
Bharat Oman Refinery
Bharti Enterprises
BSES Rajdhani Power

C

Capgemini
Coastal Projects
Cummins

D

DB Power

E

Eaton
Eaton Corporation Ltd
Energy Infratech
Essar
Essar Energy

F

Fluor Daniel India

G

Globallogic

H

HCP-CAIRN
Headstrong
Heidelberg Cement
Hexaware Technologies
Hindalco
Hindustan Petroleum
Hughes Communication
Hunka Tech

I

IBM
Indian Army
Indian Navy
Infosys
Ispat Industries Ltd

J

JK Tyres
JMC Projects

K

Kalpataru Power
Transmission
KEC International
Kool Interactive
Kragos Technologies

L

Larsen & Toubro

M

Mahindra Comviva
Mahindra & Mahindra
Mahindra Satyam
Management 200 R&P
Microsoft
Moser Baer
Mphasis
Mu Sigma

N

Nokia Siemens

P

Paladion Networks
Perot Systems
Persistent Systems
Profile Construction

Q

Quick Heal

R

Rajya Sadak Vikas
Reliance Energy
Reliance Industries
Reliance Power

S

Samsung Electronics
Sapient Corporation
Satna Cement
Schneider Electric
Skore Software
Soma Enterprises
Sterlite
Syntel

T

Tata AutoCorp Systems Ltd
Tata Consultancy Services
Tata Power
TCIL
Tech Brivo
Tech Mahindra
Trident Group

U

Unitech Group
United Bank of India

V

Vedanta Resources
Vijay Electricals Ltd
Visa Inc.

W

Wipro Tech

Y

Young Entrepreneurs Sol

Z

Zensar

Companies which arrived for placements in 2014-15 at JEC

Companies	Offers Made
Amdocs	20
Capgemini	26
Fluor Daniel	15
GMX Software	2
IBM	115
Infosys	201
Larsen & Toubro	6
Mahindra Comviva	4
Mu Sigma	6
Persistence	7
Petrofac	2
Sigma Solution	3
Tech Mahindra	58
Wipro	128

Off campus placements in 2014-15 from JEC

Companies	Offers Made
TCS	35
Urban Claps	1
No Big Data	1
Mobstac	1
Quintiles	1

Internships

- Google Summer of Code
- TCS
- HackerEarth
- MHRD
- Browseboard
- Venture Hire Education Services
- Delhi Metro Rail Corporation
- Nokia Siemens
- DRDO
- MMRDA

Facilities for Recruiters

- Auditorium/Large Classroom/Halls for pre-placement talks and written test.
- Spacious rooms for GD/Interviews.
- High speed internet connection facility (100Mbps leased line).
- Wifi Campus, 200 systems in single floor/300 systems in a single building.
- Student volunteers for prompt actions on the day of visit.

Introduction and brief history

Jabalpur Engineering College or JEC Jabalpur formerly known as Government Engineering College or GEC Jabalpur, was established on 7 July 1947.

JEC outgrew when the entire global chess board was witnessing a dramatic change. It was born just a few months before India broke the shackles of British slavery.

This illustrious Institution got the distinction of

being the Second Engineering College in India and is the premier institution of Engineering Education in Central India.

Thanks to the inspired vision of the great pioneering Principal Dr. S.P. Chakravarti. From a very small room in old Robertson College, this tiny icon has grown into a mighty oak tree, which is now 66 years old and has celebrated its Diamond Jubilee in the year 2007.

The college since its inception has a well-equipped High Voltage Laboratory and Telecommunication Department which was not available in any other contemporary colleges.

Even before the advent of Television in the country, Telecommunication Lab was established in this college.

The former has been made as one of the Centres of Excellence by Govt. of India in recognition of its contribution in the area of High-Voltage research and testing.

It is getting grants from government of India to further promote its research and development activities. The college also has the distinction of being the first in India to offer BE degree in E&TC

Milestones

- The college celebrated its 50th anniversary in 1997. The first citizen of India, his Excellency Dr. Shankar Dayal Sharma graced the occasion.
- The college was formerly affiliated to Rajiv Gandhi Technical University Bhopal (M.P.). The institute was declared autonomous in 1998-1999 by the Government of Madhya Pradesh

JEE Mains	Students ranking under 2500 in MP make it to JEC.	Courses offered: B.E.
GATE	Students with high percentile in GATE choose JEC as their destination for Post Graduate Studies	Courses offered: M.E.
June 2008	JEC Jabalpur overall ranked 35 th in 2001 among all the Government Engineering Colleges in India	Outlook India
June 1947	JEC established as Government Engineering College, Jabalpur second only to IIT-R	Government Records

Cultural and technical activities

- The college annually organizes a national level technical cum cultural fest named as “Aureole” which means the light behind the darkness. “Audy” is being introduced as the mascot of this fest created by the college students.
- The Aureole’10 was one of the biggest tech cum cult fest of Central India. It had more than 52 technical and cultural events including the biggest “Moshpit 1.0” Rock Band Competition with 15 bands from all over India. In 2010 “Euphoria” performed in the professors’ night.
- A technical team in the college known as “Netrix” creates web based applications.
- Padma Shri and Grammy Award winner Vishwa Mohan Bhatt performed on 9 April 2012.
- TEDxJEC college an international conference was held on February 18th, 2014.
- HELIX, literary fest cum conference is one of our distinguished initiatives by students.

Reputation

- *Careers360, a national level, student career magazine gave a rating of A to Jabalpur Engineering College in India and an AAA in Madhya Pradesh.*
- *SiliconIndia magazine ranked the institute at #55 for its Electronics & Telecommunication course and at #57 for its Mechanical department in India.*
- *Jabalpur Engineering College is the first in India to introduce undergraduate degree in Electronics & Telecommunication.*
- *Jabalpur Engineering College was honoured as the "Best Government Engineering College" in India for two years in a row (2011 & 2012) by Star News.*
- *A survey on technical schools conducted by Digital Mailers in 2012 ranked JEC at No. 47, nationally.*
- *Outlook India ranked Jabalpur Engineering College at No. 34 in India, up from No. 46 in the preceding year.*

Projects and Research

- CORE (Centre of Relevance & Excellence) by TIFAC of Department of Science & Technology (India)
- CIILP (Canada India Institute-Industry Link Project).
- Renewable Energy Park–Government of India.
- Cisco Regional Academy of Networking Programme, a project of Cisco, USA.
- Centre of Fuzzy Logic system sponsored by Government of India.
- Indo-Italian Research project (Microzonation of selected cities of India) sponsored by Geological Survey of India.
- STA (State Technical Agency) of Prime Minister's Rural Road Project–Government of India.
- Sun Microsystems Training Centre sponsored by Sun Microsystems, USA.
- Research Project on Robotics & Manufacturing, Ministry of Science & Technology.
- Software Technology Park of India, 2 MBPS HSDC Node. Ministry of Information Technology.
- Fuller Energy Awards (State level) Selection.
- M.P. Chamber Consultancy Clinic of Katni with "MPCON".
- Mini Tool Room, Ministry of Commerce and Industry (India).
- Remote Centre, Indian Institute of Technology Bombay.
- Centre of National Academic Networks for continuing Education with AICTE & Sun Microsystems.
- DSP Lab, Texas Instruments, USA.
- ERNET–AICTE Facility for Distance Learning & Digital Library.
- Remote Sensing Resource Centre–Indian Space Research Organisation.
- MoUs signed with national & international organisations e.g. Infosys, Wipro, Tata Consultancy Services, IBM, Cisco etc. For promoting training of students and placing the students through on campus recruitments.
- Madhya Pradesh Council of Science & Technology (MPCST), Bhopal has sponsored a year project entitled "Deflouridation of ground water by locally available material" for tribal district of Mandla, (M.P.)
- Indian Space Research Organization (ISRO) has sponsored a Project entitled "Hydrological Modelling of Project Tiger National Park" PENCH Mandla, District.
- Madhya Pradesh Council of Science and Technology (MPCST), Bhopal has sponsored a 3-year project entitled "Sigma Enhancement Model for Communication using Higher Order Neural Networks".
- Transformer Repair Unit (TRU): The unit was inaugurated on 2 February 2006 with an objective to detect & analyse defects in transformers which fail during impulse testing so that the transformer design can be improved. This unit has also taken up the repairs of old distribution transformers from agencies like Madhya Pradesh State Electricity Board, Military Engineering Service, Public Works Department, Power Grid Corporation of India etc.

Campus

- JEC has been developed as a small township centred on Gokalpur and Ranjhi. It has a lush green campus of 255 acres (1.03 km²), rich in natural flora and fauna with Robertson Lake as a background.
- The campus is well connected to the city, being 13 km from the Jabalpur Airport, 6 km away from the Jabalpur Railway Station and 9 km from the Jabalpur Bus Stand.
- A cafeteria called "JEC Cafeteria" serves refreshments on campus.
- The other on-campus facilities includes a State Bank of India branch, PCO and a post office.
- The sporting facilities include an athletic track, cricket field, football field, hockey field, basketball court, badminton court, 3 tennis courts and 8 volleyball courts.
- A multi station gymnasium, open air theatre having a capacity of 3000, two auditoriums, an on campus college dispensary.
- National Cadet Corps & National Service Scheme regional centres, alumni centre, common rooms for both girls and boys, Central Computing Facility, Central Computerised Library, Central Workshop.
- A new auditorium named "Jashan" has recently been constructed from the donation made by one of its alumni. The institute has also served as the transit campus of Indian Institute of Information Technology, Design and Manufacturing, Jabalpur

Housing/Hostels

Type	Number of Hostels	Total Capacity
Boys	9	900
Girls	2	150

Central Library

Jabalpur Engineering College houses one of the oldest and the largest technical libraries in India having more than one lac ten thousand volumes of books on science and technology including physics, chemistry, mathematics, civil engineering, electrical engineering, mechanical engineering, computer science, electronics and industrial engineering.

The library also has books on humanities, competitive exam preparation, management and social sciences.

The institute also subscribes to more than 23,000 journals and e-journals. The library has 40 computers and 2 servers for online access

Scholarships and awards

Central / State Governments' scholarships for the welfare and promotion of ST, SC, OBC and the child of landless agricultural labour. Physically challenged candidates are also provided with scholarships. The students who are toppers in their branches in the seventh semester are awarded a gold medal.

How to reach ?

Reach Jabalpur by Air

Jabalpur Airport is approximately 10 km far from the college. Air India, Spicejet are some of the airlines which offer regular services. Flights from Jabalpur to Delhi, Mumbai, Bangalore, Ahmadabad, Agra and to other major cities are easily available.

Reach Jabalpur by Train

Rail network is well linked to Mumbai, New Delhi, Chennai, Bangalore, Bhopal, Hyderabad, Jaipur, Ahmedabad, Kolkata, Patna and many more cities.

Reach Jabalpur by Road

Jabalpur is well connected by road route. The national highway 7 connects Jabalpur to Bhopal, the capital of Madhya Pradesh

Distinguished Alumni

Despite of an engineering education, the alumni have chosen diverse fields varying across business, arts, politics, social service, civil services, research & development, management, defence, judiciary and academia among many others. They occupy a number of senior executive positions in India and abroad. Some notable alumni of the institute include:

Ajai Chowdhry – Padma Bhushan, Co- founder, HCL & Chairman of HCL Infosystems; IIT Patna and Former Chairman of IIT Hyderabad.

Sharat Saxena – Well known Indian film actor.

Sharad Yadav – Member of Parliament, Chairman of Janata Dal (United) and former Union Cabinet Minister of Civil Aviation, Labour, Textiles and Food Processing Industries, Consumer Affairs, Food and Public Distribution.

K S Sudarshan – Former RSS Chief.

C B Bhawe –Former chairman and managing director of National Securities Depository Limited (NSDL)and Securities and Exchange Board of India (SEBI, India).

R K Arnold – Member of TelecomRegulatory Authority of India.

Vishwanath Dubey – Politician from the Indian National Congress, ex-Mayor of Jabalpur city and Chairman of Phoenix Group, President, NECC.

M K Mishra – Ex-Scientist, VRDE Ahmednagar of DRDO and the CEO of Ordnance Factory Tiruchirappalli.

ManmohanSingh – Director of VRDE Ahmednagar of DRDO.

P R Baghel – Regional Director at CEMILAC of DRDO.

G P Agrawal – Former Director, DEBEL Bangalore of DRDO.

T K Mitra – Ex Scientist, BARC and Director (Technical) of Bharatiya Nabhikiya Vidyut Nigam Ltd.

M S Billore – Former Secretary of Madhya Pradesh, Department of Water Resources.

K Ramchand – Principal Advisor (Technology Development), Telecom Regulatory Authority of India.

A K Jain – Chairman & managing director of Bharat Pumps & Compressors Ltd.

Vikrant Gujral – Group vice-chairman & Head, Global Venture of Jindal Steel and Power and Former Managing director of Bhilai Steel Plant.

Pradeep Kumar Verma – managing director, NTPC BHEL Power Projects Private Limited.

Lalit Kumar Pahwa – CEO – AutoProducts, Escorts Group.

Justice (Retd.) Dharendra Mishra – Former Judge, Chhattisgarh HighCourt and current Member (Judiciary), Central Administrative Tribunal, Jabalpur bench.

Rajendra P Agarwal – Former Vice- Chancellor of the University of Sagar and Bundelkhand University and current Vice-Chancellor of Shobhit University.

Kumar Ankit – Social Entrepreneur, CEO, Green Leaf Energy.

Sumit Vishwakarma – World's top ten iPad Artist.

Chand Narayan – Ex Group Head – OD, Network18 Media and Investments.

Girish Kumar Sharma – Former Head of Department, Mechanical Engineering, IIT Bombay, Chairman, Graduate Aptitude Test in Engineering and visiting faculty, IIT Gandhinagar.

C R J Prakash Naidu – Former Project Director, Institute for Robotics and Intelligent Systems, Bangalore, Design for Automation and Patentability Scientist/Researcher affiliated with leading institutions, laboratories and industry in USA, Canada, UK and India in different capacities including Senior Systems Design Engineer, Senior Research Scientist, Project Director, Advisor, and Consultant.

Hari Om Gupta – Former Head of Department, Electrical Engineering, IIT Roorkee and current Director, Jaypee Institute of Information Technology.

R P Agarwal – Former Professor of Electronics and Computer Engineering and Dean (UG) at IIT Roorkee.

H B Kekre – Former Professor of Electrical engineering and Head of Department, Computer Science & Engineering at IIT Bombay.

Lt Gen A K Saini – Electrical Engineering 1969

Major Gen S K Kirpekar – Electronics and Telecom Engineering

Brig P K Bhatia – Retired from Indian Army Corps of Signals, 2007. Head of Faculty of Communication and Electronics at Military College of Telecom Engineering (MCTE), Mhow

B K Sthapak – Former Principal of Government Engineering College Raipur (now known as NIT Raipur), former Director of Technical Education, Govt. of Madhya Pradesh and founder Vice Chancellor of Chhattisgarh Swami Vivekanand Technical University.

V K Verma – Former Professor of Electrical Engineering at IIT Roorkee.

R K Tripathi – Former Head of Department, Civil Engineering, NIT Raipur.

S C Shrivastava – Former Head of Electronics and Communication Engineering department, NIT Bhopal.

J L Rana – Former Head of the Electronics & Communication, Computer Science and Information Technology departments, NIT Bhopal.

Uday Khedker – Professor, Computer Science & Engineering, IIT Bombay.

Kamlakar Rajurkar – Mohr Professor of Engineering at the College of Engineering and Technology, University of Nebraska- Lincoln

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