

Jabalpur Engineering College, Jabalpur

M.P.-482011 INDIA

Institute Profile

(India Rankings – 2018)

Jabalpur Engineering College previously known as Government Engineering College, was established on 7 July 1947 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 70 years old. 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 Centers 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. Currently Civil Engineering Department is engaged in providing the consultancy and supervisory support to “Pradhanmantri Gramin Sadak Yojana”, a Government of India’s prestigious programme. JEC Jabalpur is a host institution for Global Initiative for Academic network (GIAN) and received the grant from world bank project TEQIP-I and TEQIP-III. Keeping in pace with the technological development the institution has signed agreements with the reputed computer institutions IBM, Cisco and Sun Micro System.

The college also has the distinction of being the first in India to offer BE degree in Electronics and Telecommunication Engineering. It is one of the oldest technical institutions in India and the oldest technical institution in Central India and the state of Madhya Pradesh. JEC offers B.E degree courses in Seven disciplines and nine postgraduate courses in engineering fields, three postgraduate courses in applied Sciences and M.C.A. Apart from IIT’s our college is one of the few colleges in India which runs postgraduate courses (PG) and Ph. D. programmes in the area of applied sciences. The College was declared autonomous in 1998 by the Government of Madhya Pradesh. . JEC, Jabalpur is approved by the AICTE and has academic autonomy from RGPV Bhopal. The College is working as a nodal centre of the RGPV Bhopal to conduct and coordinate various university related works pertaining to different colleges situated in and around Jabalpur. It is helping university to carry out important tasks related to examination work,

valuation, paper setting etc. Jabalpur Engineering College, Jabalpur is spread over 200 acres of land. Various Departments, Laboratories, Workshops, Administrative building, Sports facilities, Staff quarters, Hostels and other facilities occupy only part of it. There is a plenty of land available. All its departments are fully developed as regards to classroom facilities, laboratories and computer facilities and other basic infrastructure required to run the departments. The College has Campus wide Networking with 1200 nodes already exists along with wireless access, Central Computing Facility equipped with 250 computers and Language Lab with 30 Computers. Departmental as well as Central Digital Library, which is rich & comprehensive has a total collection of nearly one Lakh Ten Thousand volumes of books, encyclopedias handbooks, dictionaries, project reports, bound volumes of periodicals and 3000 CDs, subscription of 2,000 technical journals (print & online).

UG/PG / Ph.D. PROGRAMS OFFERED

S. No	Title of programs	Level (UG, PG)	Duration (Years)	Year of starting	Sanctioned annual Intake
1.	Civil Engineering	UG	04	1947	60
2.	Mechanical Engineering	UG	04	1947	80
3.	Electrical Engineering	UG	04	1947	60
4.	Electronics and Telecommunication Engineering	UG	04	1947	90
5.	Civil Engineering	UG (PTDC)	04	1966	20
6.	Mechanical Engineering	UG (PTDC)	04	1966	20
7.	Electrical Engineering	UG (PTDC)	04	1966	20
8.	Electronics and Telecommunication Engineering	UG (PTDC)	04	1966	10
9.	Computer Science and Engineering	UG	04	1996	90
10.	Information Technology	UG	04	2000	90
11.	Industrial Production	UG	04	1998	90
12.	Civil Engineering	PG	02	1956	18
	1. Structural Engineering				
	2. Environmental Engineering			1956	18

	3. Geotechnical Engineering			1956	18
13.	Mechanical Engineering 1. Heat Power 2. Machine Design	PG	02	1956 1956	18 18
14.	Electrical Engineering 1. High Voltage Engineering 2. Control System Engineering 3. High Voltage and Power System Engineering	PG	02	1956 1956 2005	18 18 18
15.	Electronics and Telecommunication Engineering 1. Microwave Engineering 2. Communication Systems Engineering	PG	02	1956 1956	18 18
16.	Master of Computer Application	PG	03	1990	60
17.	Master of Science 1. Applied Physics 2. Applied Chemistry 3. Applied Mathematics	PG	02	1962 1962 1962	15 15 15
18	PhD programs offered in all branches of engineering and Applied Sciences.				

INFRASTRUCTURE FACILITIES

Description of Building (s)	Total Area (Sq. m)	Description of Building (s)	Total Area (Sq. m)
Civil engineering	4889.m ²	Auditorium (Two)	1. Capacity of 600 Persons 2. Capacity of 250 Persons

Mechanical Engineering	5865 m ²	Boys Hostel (Total 9 hostel of 950 seats)	9300 m ²
Electrical Engineering	5865 m ²	Girl Hostel(Total 3 hostel of 300 seats)	3000 m ²
Electronics& Telecom Engineering	4644 m ²	Common Room For Girls	400 m ²
Computer Science Engineering Information Technology MCA	4330 m ²	Student Activity Centre	300 m ²
Applied Physics	1356.00 m ²	Cycle/scooter Shed	1200 m ²
Applied Chemistry	1438.50 m ²	Canteen (amrai	150 m ²
Applied Mathemtics	1611 m ²	NCC & NSS Office	200 m ²
Workshop	1500 m ²	Security office	100 m ²
Administrative Block	3000 m ²	Dispensary	200 m ²
Faculty quarters	AP type – 16 E type – 08 F type-12	Common Room For Boys	800 m ²
Staff quarters	100 no.	Play grounds	1,00,00 m ²
State Bank Of India	150 m ²	Open Air- theatre/auditorium	Large Open Space for 3000 Persons
Post Office	50 m ²	Conference/Seminar rooms	6 No. (capacity of 70 Persons)