

Jawaharlal Nehru Government Engineering College Sundernagar, Himachal Pradesh 175018

Age of the Institute and extra curricular activities

Jawaharlal Nehru Government Engineering College, Sundernagar (JNGEC or GEC, Sundernagar or J.N. Govt. Engg. College, Sundernagar) is a government-funded engineering institute run by the government of Himachal Pradesh, in Sundernagar, Mandi district. It is affiliated to Himachal Pradesh Technical University (HimTU) and is approved by AICTE(2006).

History

Its first batch graduated in June 2010. Under former chief minister Virbhadra Singh the establishment of JNGEC in 2006 was approved. It was initially proposed to start by only offering a mechanical engineering program for session 2006–2007 but later textile engineering was added. The construction of the college is going on in stages.

Campus

The campus is 2 kilometres (1.2 mi) away from NH-21 (Chandigarh to Manali) at village pungh which is 2 km from the Sundernagar bus stand. The campus is spread over 2.6726 hectare of land. The construction work of administrative 'A' block, academic block 'B' and 'C' was completed in 2012.

Academics

The college has five academic departments.

- Applied Sciences and Humanities
- Civil engineering
- Electronics and Communication Engineering
- Mechanical Engineering
- Textile Engineering

The college offers a B.Tech degree in Mechanical Engineering, Electronics and Communication Engineering, Civil Engineering and Textile Engineering. More branches are purposed to be added in phases. This college is also hosting other new colleges temporarily like classes of udaipur polytechnic is ongoing within the college from 2013 where as Mahatma Gandhi Government Engineering College jeori started from August 2015 and JNGEC is acting as father institute for these new colleges.

Admissions

Undergraduate admissions are made on the marks and ranks obtained by the candidates in JEE MAIN through central counseling and also through CET conducted by the Himachal Pradesh Technical University, Hamirpur. 85% of total seats are reserved for Himachal bona fide candidates and 15% to all-India quota.^[9]

The college admits 240 students with 60 students in each department. In addition to that 20% seats in each department are allotted to lateral entry students and 5% over and above the sanctioned intake under the tuition fee waiver scheme.

There are three rounds of subsequent counselling. If the seats still fall vacant after the two rounds, they are filled on the basis of marks obtained in 10+2 or any equivalent examination, according to the 200 marks roster as approved by the Himachal Pradesh government. Lateral entry seats are filled on merit basis and candidates with a diploma in requisite field or an BS degree are eligible for these seats.

1. Enhancement of R & D and institutional consultancy activities

This institution allotted Research oriented project to faculty and students under TEQIP-II project so that research culture among faculty and students can be enhanced. 25 nos Research oriented project completed by faculty and students during project period.

2. Faculty and staff development for improved competence:


This College deputed faculty/staff members to various reputed institution like IIMs/IITs /NITs/IISc etc. to attend various subject area Training Programmes, Workshops, Conferences, FDPs etc . These training programmes helped faculty/staff members to improve their subject knowledge, teaching methodology adopted by reputed institution, research collaborations with faculty members of other institutions and many more.

- The detail of training programmes attended by faculty/staff members year wise is appended below:

Sr. No.	Year	No of training programs attended by faculty/staff
1.	2012	06
2.	2013	51
3.	2014	15
4.	2015	61
5.	2016	39

- The detail of workshops/conferences/FDPs etc organized in the institution:


Sr. No.	Title of event	Department
1.	One Day Workshop on Renewable Energy held on 2 nd March, 2013.	Mechanical Engineering Deptt.
2.	Two days National Workshop on Building Dynamic Web Sites & Testing (BDWST) held on 06-07 April, 2013	Computer Science Engg. Deptt.
3.	National Workshop on "Innovations and Emerging Trends in Textiles" on 27th April 2013	Textile Engineering Deptt.


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4.	One Day Workshop on Soft-Skills held on 24th April, 2013.	Training Placement Cell
5.	Five Days Workshop on "Mat Lab Fundamental and Simulink for System & algorithm Modeling and Optimization Techniques in Mat Lab. 6-10 th Jan, 2014	TEQIP/Institutional Level
6.	TEQIP-II sponsored Two days National Seminar on "Recent Innovations and Advances in Textile (RIAT-2014)" on March 28-29 th March, 2014.	Textile Engineering Department
7.	TEQIP-II sponsored One Day National Workshop on "Impact of Information Communication Technology on Technical Education" on 4 th April, 2014.	Electronics & Communication Engineering Department
8.	TEQIP-II sponsored 2 nd National Workshop on "Renewable Energy" held on 22 nd Nov, 2014	Mechanical Engineering Department
9.	Two Days International Symposium on "Communication and Distributed Systems COMSYS-14" held on 15-16 th Dec, 2014	ECE Deptt.
10.	Five Days faculty Development Programme on "Outcome based Education" on 19-23 rd October, 2015	Applied Sciences & Humanities Department
11.	One Day International Conference on "Innovations in Textile" on 7 th Nov, 2015	Textile Engineering
12.	Two Days TEQIP Sponsored Workshop on "Disciplinary, Financial & CCS Rules" on dated 27-28 Feb, 2016	Finance Deptt.
13.	National Conference on "Innovations without Limits in Civil Engineering (IWLCE-16)" on 18-19 th March, 2016	Civil Engineering Department
14.	"Office Procedure, Conduct & CCA Rules " on 1 st July, 2016	Accounts
15.	One Day Workshop on "Advances in sustainable Infrastructure Planning & Development" on 14 th Sept, 2016	Civil Engineering
16.	National Symposium on "Research Innovation in wireless Technology" on 3 rd Sept, 2016	Electronics & Communication Engineering
17.	International Symposium on "Emerging Technologies in Textile" on 26 th Sept, 2016	Textile Engineering
18.	National workshop on "Engineering Material & Advance Manufacturing Processes " on 1 st October, 2016	Mechanical Engineering

3. Enhanced interaction with Industry:

- This institution has signed 05 MOUs/EOIs with the Industries & Govt. organizations.
- Many expert lecture by industrial personnel has been organized for the students of this college under this project.
- Industry oriented Training Programs for faculty and students organized in the institution.
- Students has been deputed/trained for internship training programme to various industries and student are being paid sundry allowances @ Rs. 125/ per day for attending internship training in the industry.


 (TEQIP-2 coordinator)

- This institution organized much campus drive to enhance the placement rate of the students.

4. Institutional Management Capacity Enhancement:

- This institution has deputed faculty members/Administrative officers to various IIMs to enhance their management skills.
 - This institution deputed on delegation to IET Singapore, UTS Sydney and RMIT Melbourne, Australia for Networking & Study tour to learn about world class teaching methodologies, research collaboration and infrastructure development in said universities/institutions
- The detail of training under this component is as under:

Sr. No.	Year	No of Management training programs attended by faculty/staff
1.	2012	02
2.	2013	06
3.	2014	06
4.	2015	Nil
5.	2016	08

5. Academic Support for Weak Students:

- Finishing School has been established under TEQIP-II project and Sh. Achhar Singh, HOD Applied Sciences & Hu. Has been appointed as Coordinator Finishing School.
- Remedial classes for weak students have been provided in various subjects i.e. Applied Thermodynamics, Theory of Textile Machine, Heat Transfer, Basic Mechanical Engg., Engineering Mechanics, Strength of Material, Engg. Mathematics, heat transfer and many more
- Dr. P.C. Rana, Retd. Associate Prof. has taught remedial classes for the Physics subject as outside faculty.
- Ms. Disha Thakur, Ms. Neetika Narang & Ms. Anchal Sharma has taught remedial classes in the Civil Engg. deptt. as outside faculty.


 (TEQIP-2 Coordinator)