

ANNUAL REPORT
(01-07-2019 TO 30-06-2020)



**Jawaharlal Nehru Govt. Engineering
College, Sundernagar, Mandi(H.P.)**

TEQIP-III Project

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1. Institute Basic Information

The Jawaharlal Nehru Govt. Engineering College Sundernagar (H.P.) is the first State Engineering College of Himachal Pradesh and was established in the year 2006 with the vision to bloom into centre of excellence and become pace setter by opting quality processes interwoven with freedom of flexibility and to mould professionals of superior quality dedicated to the progress and development of humanity. Our aim is to create and disseminate knowledge and skills in core and frontier disciplines through innovative educational programmes, industrial training, research & consultancy and develop a new cadre of professionals with a high level of competence, deep sense of social commitment and ethics. JNGEC is a leading institute offering multidisciplinary four undergraduate Bachelor of Technology programmes in Engineering.



TECHNICAL AND PROFESSIONAL COURSES

After being established in the year 2006, Jawaharlal Nehru Govt. Engineering College has grown in its stature and number of courses. Today we are having 4 under graduate B. Tech. courses namely Mechanical, Civil, Textile, and Electronics and Communication Engineering. Total intake capacity in our engineering college is 240 seats in B. Tech. We have around 1000 students studying in our beautiful campus today. JNGEC is approved by AICTE and affiliated to HPTU, Hamirpur. The JNGEC has established a good brand image for its outstanding infrastructure, excellent teaching, and a very good blend of highly qualified, experienced and talented faculty. With students from different parts of Himachal Pradesh, JNGEC has become a preferred destination for admission. The institute is in the process of preparation of SAR (Self Assessment Report) of all four UG programme for NBA accreditation. This institute has highly impressive campus

encompassing all the modern educational and training facilities such as modern class rooms, equipped laboratories, workshops, advanced computer lab with the latest computers. The library of JNGEC is having the membership of National Digital Library (NDL). All students and faculty members are registered with NDL, having a wide range of national and international journals, books and e-books. The institute worked under the mentorship of Prof. Vinod Kumar as Director-cum-Principal w.e.f 08/03/2019 to 25/08/2020.

2. Vision & Mission

Our Vision

To bloom into centre of excellence and become pace setter by opting quality processes interwoven with freedom of flexibility and to mould professionals of superior quality dedicated to the progress and development of humanity.

Our Mission

- To create an environment that enables creativity, research and innovation in engineering and technology.
- To impart value based education that created leaders in engineering for up-liftment of society at large.
- To strive for continues improvement in imparting technical education.
- To have a liaison with lead institutions and industries.

Objectives

- To provide students with fundamental technical education and skills in mathematics, Science and Engineering.
- To provide students with necessary skills and practical knowledge to fulfill their professional duties and responsibilities in team work, ethics, technical leadership, business and lifelong learning.
- To make the students to become true engineers and innovators to make substantial contributions to the society.
- To prepare the students to become successful engineers and managers to meet the global industrial requirements.
- To promote the spirit of entrepreneurship among the students and foster close interaction with industries

3. Information Regarding Affiliating University

Jawaharl Nehru Government Engineering College, Sundernagar is affiliated to H.P. Technical University Hamirpur. The Himachal Pradesh Technical University is established in the year 2010 by an Act of Legislative Assembly of Himachal Pradesh with an objective for value creation and welfare of society through technical education training, research, innovation, entrepreneurship and continuing education programs. At the same time, the University is responsive to the changing and exceptional requirements of our society and economy and contributes to find answers to global problems. The University offers both short-term and long-term programs leading to Advance Diploma and Degrees, which are conventional as well as innovative through public and private participation. Most of these programs have been developed after an initial survey of the demand for such Programs.

The programs offered are designed to equip graduates with the necessary skills and expertise to be the leaders in their chosen professions. The key to the success lies in the high premium it places on innovation, along with the work that is done by different role players and stakeholders to promote the University achievements in the fields of Science, Engineering and Technology. This is being achieved through a benchmarking system, which ensures that training and research programs always meet the highest standards.

4. Information Regarding Academy Autonomy

Institute is not Academic Autonomous. Institute follows the academic regulations of HPTU Hamirpur.

5. Governance Structure&Organization Structure

The institute being a Government Institute, is funded, regulated and administered as per the rules/regulation and instructions issued by the State Government (Department of Technical Education, Vocational & Industrial Training, Himachal Pradesh) from time to time. The Department is administered by the Additional Chief Secretary/Principal Secretary (Technical Education to the Government of Himachal Pradesh) and headed by the Director (Technical Education) and Director-cum-Principal acts as controlling, drawing and disbursing officer.

The appointment of faculty and staff is made by the recruiting agencies of the State Government i.e. Himachal Pradesh Public Service Commission and Himachal Pradesh Staff Selection Commission as per the R&P rules prescribed for various posts by the State Government. These R&P rules are

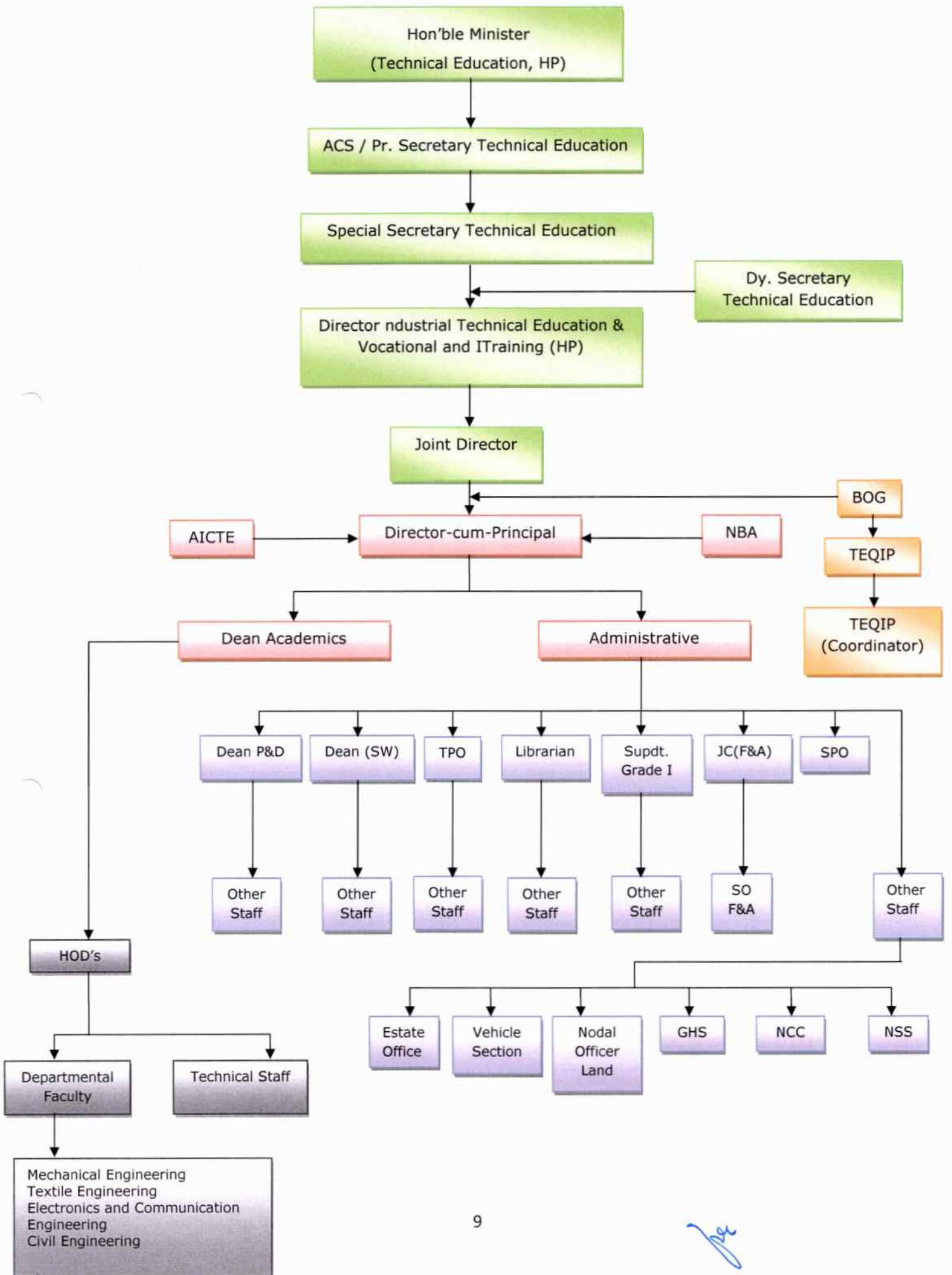
published on Gazette of Himachal Pradesh and also disseminated in public through e-gazette portal of Government of Himachal Pradesh.

The Government of Himachal Pradesh also constituted Board of Governors (BOG) vide Notification No. END (TE) F (1)1/2017 Dated 18-05-2018 under “Technical Education Quality improvement Programme” (TEQIP) Phase-III.

The Board is having the following members:-

Board of Governors

1.	Dr. Lalit Sharma, BTH-114, Teachers Colony, H.P. University, Summer Hill, Shimla-171005 H.P. Contact No. 98166-01405 (Nominated by the State Govt.)	Chairperson
2.	Two faculty members to be nominated by the Director/Principal of Jawaharlal Nehru Govt. Engineering College Sundernagar, District Mandi H.P. based on seniority.	Members
3.	Sh. Jatinder Sharma C/O J.D. Traders, LalitChowk Sundernagar, District MandiH.P.Contact No. 94184-6605 (Eminent Educationist) Nominated by the State Govt.	Member
4.	Sh. Arun Kumar Sharma S/O Sh. Shakti Chand Kaundal Resident of Haripur, P.O. & Tehsil Sundernagar, District Mandi H.P. Contact No. 94184-96496(Eminent Educationist) Nominated by the State Govt.	Member
5.	Sh. Shiv Singh Sen, Village Salah, P.O. Bhojpur, Tehsil Sundernagar, District MandiH.P.Contact No. 94184-84500 (Eminent Educationist) Nominated by the State Govt.	Member
6.	AICTE Nominee (To be Nominated by AICTE)	Member
7.	Joint Director, Technical Education (State Govt. Nominee)	Member
8.	Dean (P&D) HimTU University Nominee	Member
9.	Director/Principal of Institution	Ex Officio Member/Member Secretary



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6. Academic Calendar



HIMACHAL PRADESH TECHNICAL UNIVERSITY HAMIRPUR ACADEMIC CALENDAR FOR THE SESSION 2019-20

ODD SEMESTER

1.	REPORTING OF FACULTY MEMBERS	22/07/2019	MONDAY
2.	REGISTRATION FOR UNDER- GRADUATE & POST- GRADUATE STUDENTS	31/07/2019	WEDNESDAY
3.	COMMENCEMENT OF UNDER- GRADUATE & POST-GRADUATE CLASSES	01/08/2019	THURSDAY
4.	MANDATORY INDUCTION PROGRAM FOR FIRST YEAR STUDENTS (3 WEEKS) FOLLOWED BY THE REGULAR CLASSES	02/08/2019 TO 23/08/2019	FRIDAY TO FRIDAY
5.	LAST DATE FOR REGISTRATION BY THE COLLEGE	05/08/2019	MONDAY
6.	1 ST PERIODICAL EXAMINATION	16/09/2019 TO 19/09/2019	MONDAY TO THURSDAY
7.	DATE OF SUBMISSION OF EXAMINATION FORM	25/09/2019	WEDNESDAY
8.	HPTU YOUTH FESTIVAL (PLACE AND VENUE TO BE NOTIFIED SEPARATELY)	29/09/2019 TO 01/10/2019	SUNDAY TO TUESDAY
9.	MID SEMESTER BREAK	07/10/2019 TO 09/10/2019	MONDAY TO WEDNESDAY
10.	2 ND PERIODICAL EXAMINATION	21/10/2019 TO 24/10/2019	MONDAY TO THURSDAY
11.	END OF TEACHING WORK	16/11/2019	SATURDAY
12.	REPORTING OF SHORTAGE OF ATTENDANCE CASES AND DISPLAY OF INTERNAL SESSIONAL AWARDS	18/11/2019	MONDAY
13.	END SEMESTER PRACTICAL EXAMINATIONS	20/11/2019 TO 27/11/2019	WEDNESDAY TO WEDNESDAY
14.	SPECIAL CLASSES FOR WEAKER STUDENTS	28/11/2019 TO 05/12/2019	THURSDAY TO THURSDAY
15.	END SEMESTER THEORY EXAMINATIONS	06/12/2019 TO 08/01/2020	FRIDAY TO WEDNESDAY
16.	EVALUATION OF ANSWER SCRIPTS	26/12/2019 ONWARD	THURSDAY ONWARD
17.	WINTER BREAK	09/01/2020 TO 14/01/2020	THURSDAY TO TUESDAY

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EVEN SEMESTER

1.	REPORTING OF FACULTY MEMBERS	15/01/2020	WEDNESDAY
2.	REGISTRATION FOR UNDER-GRADUATE & POST-GRADUATE CLASSES	16/01/2020	THURSDAY
3.	COMMENCEMENT OF UNDER-GRADUATE & POST-GRADUATE CLASSES	17/01/2020	FRIDAY
4.	LAST DATE FOR REGISTRATION BY THE COLLEGE	20/01/2020	MONDAY
5.	1 ST PERIODICAL EXAMINATION	19/02/2020 TO 22/02/2020	WEDNESDAY TO SATURDAY
6.	MID SEMESTER BREAK	23/02/2020 TO 27/02/2020	SUNDAY TO THURSDAY
7.	HPTU INTER COLLEGE SPORTS MEET (PLACE AND VENUE TO BE NOTIFIED SEPARATELY)	05/03/2020 TO 07/03/2020	THURSDAY TO SATURDAY
8.	DATE OF SUBMISSION OF EXAMINATION FORM	20/03/2020	FRIDAY
9.	2 ND PERIODICAL EXAMINATION	30/03/2020 TO 03/04/2020	MONDAY TO FRIDAY
10.	END OF CLASSES WORK	22/04/2020	WEDNESDAY
11.	REPORTING OF SHORTAGE OF ATTENDANCE CASES AND DISPLAY OF INTERNAL SESSIONAL AWARDS	24/04/2020	FRIDAY
12.	END SEMESTER PRACTICAL EXAMINATIONS	27/04/2020 TO 02/05/2020	MONDAY TO SATURDAY
13.	SPECIAL CLASSES FOR WEAKER STUDENTS	03/05/2020 TO 07/05/2020	SUNDAY TO THURSDAY
14.	END SEMESTER THEORY EXAMINATIONS	08/05/2020 TO 09/06/2020	FRIDAY TO TUESDAY
15.	EVALUATION OF ANSWER SCRIPTS	01/06/2020 ONWARD	MONDAY ONWARD
16.	SUMMER BREAK	11/06/2020 TO 21/07/2020	THURSDAY TO TUESDAY

NOTE:-

- ALL AFFILIATING COLLEGES SHALL FOLLOW THE ACADEMIC CALENDAR STRICTLY. THE WORKING SHALL BE FOR SIX DAYS (MONDAY TO SATURDAY) EXCEPT SECOND SATURDAY AND PUBLIC HOLYDAYS FROM 9 A.M. TO 5 P.M.
- STUDENTS TO APPEAR IN PERSON AND SUBMIT THE REGISTRATION CARD TO THEIR RESPECTIVE DEPARTMENTS ON THE DAY OF REGISTRATION FOR ONWARD TRANSMISSION TO THE UNIVERSITY


 Dean
 H.P. Technical University
 Phone - 177001

7. Infrastructure: Academic, Library, Computer Centre, Residential & Hostel

Academics

The College Currently offers 4 year Bachelors of Technology (B.Tech.) courses in four disciplines, namely:

- Electronics & Communication Engineering (ECE) (60+3* Seats)
- Civil Engineering (CE) (60+3* Seats)
- Mechanical Engineering (ME) (60+3* Seats)
- Textile Engineering (TE) (60+3* Seats)

3 seats are reserved for Tution Fee Waiver Scheme (TFWS).All these Programmes are affiliated to Himachal Pradesh Technical University Hamirpur

Central Library



The central library at Jawaharlal Nehru Government Engineering College, Sundernagar (JNGEC) was set up in the year 2006 in the campus of Govt. Polytechnic library Sundernagar. It was shifted to the college campus in the year 2011. The library is situated in Administrative Block A and is comprising of the three floors of the block. The library has got the seating capacity of 60 readers.

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Collection

S.No	Name of Items	Quantity
1	Total numbers of Books	13013
2	Total numbers of Titles	2050
3	Total numbers of Journals	22
4	Total numbers of Magazines	19
5	Total numbers of Newspapers	7
6	Seating Capacity	250
7	Photostat Facility	1
8	E-Library	20 Computers
9	Wi-Fi Facility	Available
10	E-Journals	1. ASTM Digital Library 2. Springer 586 Journals 3. J-Gate Engineering & Technology

Computer Centre



Established in 2010, JNGEC Computer Centre serves the college as its central computing facility and the nodal centre for computer activities on the campus. The Centre supports and coordinates computer usage by Graduate students, faculties and staff of various departments. The centre provides

guidance, support and services to the faculties and staff of various departments and academic institutions in performing statistical analysis for their work. Computer Centre is entrusted with the responsibility of promoting the IT infrastructure, Network and Automation in the college. The department is involved in conducting various activities like workshops, Web development trainings etc. The Computer Centre is encouraging the use of open source software's.

Infrastructure

Currently the Centre is equipped with latest configuration dual boot computer systems loaded with relevant software systems. Student works with Windows and Linux based computer systems. Computing nodes are well connected with 100 mbps high speed internet connectivity.

Computer Centre is a central facility, which caters the needs of all four disciplines and various sections of the institute. This Centre is well equipped with the latest configuration Computer systems with Network printer and relevant software's. All the Blocks are connected with Wi-Fi Networks. Computer Centre and Central server systems with 100 Mbps NKN Connectivity with a capacity of 80 students had been catering to the needs of various stakeholders of this institute.

Smart Classroom



Smart classrooms are Technology Enhanced classrooms that integrate the learning with latest technological tools. Such classrooms enhance the quality of teaching. To provide best quality education using latest

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technology, the institute has taken the initiative in this direction. The task of development of smart classroom is completed. The advent of Information and Communication Technology has had a profound and commanding global influence on the matrix of socio-economic and educational activities the world over in new era. Industrial and developed countries are well-ahead in formulating policies and programmes to accelerate its development, diffusion and empowerment abilities. Developing countries like India, having sensed it, follow at a breakneck velocity for establishing and capitalizing on the enabling capabilities of Information and Communication Technology in the field of Education. Technology was very ancient to India which gave to the world the binary system on which modern education and computer systems are based.

Learning and dissemination of information is becoming more important than ever. Internet based education and e-Learning are the trends of the day. Looking at India's attempts to harness the broadcast technologies, one comes across a kaleidoscope of activities. India is perhaps the only country with a satellite completely dedicated to education, the EDUSAT. India has developed educational broadcast channels such as the GyanDarshan Network and dedicated satellites such as EDUSAT for audio, video and data transmission and interactivity. India has 17 Education Multimedia Research centres and coordination centre Consortium of Educational Communication which helped building considerable knowledge resources over a period of 20 years.

Canteen



The college canteen is a spacious food joint newly constructed for the purpose of serving wholesome, nutritious food to the JNGECians. The canteen is situated in the D-block ground floor and remains open from 9.00 A.M. to 6.00 P.M. on all working days. A wide variety of Indian snacks and dishes are available. During lunch time, meals are available at very reasonable prices. The canteen besides being hygienic also provides swift service. The ever-busy canteen bustling with inquisitive minds is a recreational -cum-hangout place for the members of JNGEC family.

Conference Hall

The college has the conference hall with the capacity of 100 participants. The conference hall is located in second floor of Administrative block 'A' of the institute. The conference hall has ultra-modern infrastructure with high quality sound system. The conference hall is planned to be provided the high speed internet connectivity and video cameras to make two way on-line communications possible with remote nodes.

Hostel Facilities

Boys hostel is under construction and will be started from next semester.

8. DEPARTMENT PROFILE

Department of Mechanical Engineering

The Mechanical Department was started in 2006 with an intake of 60 students. The department has well qualified and dedicated faculty. The faculty members give the students a hands-on approach in the use of Engineering principles and the opportunity to develop creative approaches to problems. The objective of the department is to prepare students for successful career in industry, research and academics to meet the need of growing technology. We provide opportunity for students to work as members of a team on multidisciplinary projects. The available equipments, excellence in instruction and an emphasis on quality of education in

Mechanical Engineering combined together to prepare the students to step into positions of responsibility at the leading edge of today's technology. The Mechanical Engineering student with a desire to learn will develop and expand his or her knowledge and skills in the areas of engineering sciences, testing techniques, material properties, analysis and evaluation along with communication. For the overall development of student, Department of Mechanical Engineering is associated with memberships of professional bodies. Various technical activities of these chapters provide students to gain knowledge and interact with the students and staff of other Colleges/ Universities as well as Industry Engineers. Students of Mechanical Engineering Departments have taken parts in various academics as well as co-curricular activities/competitions and secured positions. Our graduates are working in multinational companies, defence services and academic institutions in various parts of India. Today JNGEC has grown in all directions and has become a distinguished centre for modern learning.

Department of Textile Engineering

Himachal Pradesh, situated in the foothills of the Himalayan mountain ranges, has emerged as hub of Textiles and developed rich traditions of handicrafts made up of Wool, Pashmina and Silk. To harness this abundant potential in the Textile industry in Himachal Pradesh, Textile Engineering department at Jawaharlal Nehru Govt. Engineering College Sundernagar (H.P) was established in 2006 which is only of its kind in the state. The department offers Bachelor of Engineering in Textile Engineering with aim to generate a horde of highly creative textile professionals impacting the society at large. The textile engineering department at J.N.G.E.C, Sundernagar has specialized faculties in all important areas of textile engineering such as fibre, spinning, weaving, processing, testing and designing. It is well-equipped with facilities in its laboratories to provide ample opportunity to the students to explore their penchant for learning and innovation.

Department of Electronics and Communication Engineering

The department of Electronics & Communication Engineering was established in 2010. It offers Under Graduate courses (B.Tech) in the field of Electronics & Communication Engineering. It has a supportive campus environment where one can actively collaborate with his/her faculty and classmates as well as get involved in the other innovative things. The Department provides many opportunities to gain practical work experience and ensure a successful career. Electronics engineers are changing the world to a comfortable global home. The information and technology revolution has been built on the advances of Electronics. E&CED is making exhilarating progress in areas ranging from satellite communication, wireless communication microelectronics to VLSI Design Automation. In labs and classrooms, students draw on the expertise and knowledge of our able faculty, Integrating practical, hands on research experience with challenging and interesting course work.

Department of Civil Engineering

Civil Engineers are the builders of modern world and are instrumental in creating the monuments of modern technology. Due to the increased emphasis on the development of infrastructural facilities especially in the country like India, civil engineers are required to play a major role in creating better and improved infrastructural facilities for the mankind.

However, to achieve this target, civil engineers are required to be equipped with latest technical know and should be capable enough to tackle the constructional site challenges. The Civil Engg. branch in the JawaharlalLalGovt. Engg. College Sundernagar Mandi (H.P.) has been started since the year 2010. The Civil Department has augmented various laboratories and other facilities keeping in view the contemporary technological advancement in the constructional industry. Department also conducts Industrial training and survey camps to make the students familiar about the actual working site practices. Beside this, a special care undertaken to develop the soft skill among the students. Civil Engg. Department is moving forward to become a centre of excellence in the



field of Civil Engineering and as a source of learning& support to the students and community.

Department of Applied Science and Humanities

The Department of Applied Sciences and Humanities is established to strengthen the basic and practical requirements of an engineer in the field of natural sciences, society and communication as well as to produce good human beings. The engineers produced from this college will not only be perfect in the concepts of engineering only but they must possess managerial skills, which are most required nowadays. When he joins any organisation or joins a group of people working together, must interact with people around him in order to share his needs, thoughts, plans, expertise, operations and so on. So he or she should be very excellent in their communication skill. Whatever they do in their working area they must keep and carry good humanity approach for the betterment of society and nation as a whole. They must know how to manage things and practically they have to manage the manpower, inventory, and hierarchical set up of an organisation as well as finance which mainly affect the total scenario. Moreover natural sciences are the backbone of Engineering field and whatever an engineer does is based upon the basic principles in the field of natural sciences i.e. Physics, Mathematics, Chemistry, Environmental Science. The department of Applied Sciences & Humanities consists of Chemistry, Mathematics, Physics, English, Management, Economics and Environmental sciences. The department has well equipped labs for imparting practical knowledge to the students in the field of Natural Sciences. Though, the institution is still in upcoming stage yet emphasis is laid upon to acquire the state of art infrastructure for the physics and chemistry labs. Under the dynamic leadership of Dr. Vinod Kumar, the faculty of Natural Sciences are leaving no stone unturned to provide the best equipment and practical knowledge to the students of this college.

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9. Information Regarding NBA Accreditation

Institute has submitted SARs for all 04 branches and fee for the same has also been paid to NBA. NBA visit is pending due to COVID-19.

10. Programme Offered

The College Currently offers 4 year Bachelors of Technology (B.Tech.) courses in four disciplines, namely:

- Electronics & Communication Engineering (ECE) (60+3* Seats)
- Civil Engineering (CE) (60+3* Seats)
- Mechanical Engineering (ME) (60+3* Seats)
- Textile Engineering (TE) (60+3* Seats)

*3 seats are reserved for Tuition Fee Waiver Scheme (TFWS). All these Programmes are affiliated to Himachal Pradesh Technical University Hamirpur

11. Student Strength

Category Wise Record of Students Registered in the Academic Session 2019-2020 (Odd Semester) Aug to Dec, 2019

Branch	Sem.	General		SC		ST		OBC		Under TFW		Other Community		Admission AICTE		Other State		Sub Total	Total	Total	
		Boy	Girl	Boy	Girl	Boy	Girl	Boy	Girl	Boy	Girl	Boy	Girl	Boy	Girl	Boy	Girl			Boy	Girl
Civil Engg.	1 st	28	07	09	01	03	00	08	01	02	02	00	00	01	00	00	00	60		51	9
	3 rd	35	09	04	05	03	00	06	02	03	00	00	00	00	00	00	00	67	274	51	16
	5 th	40	10	07	01	01	00	07	04	03	00	00	00	00	00	00	00	73		58	15
	7 th	31	15	08	04	01	00	07	02	03	01	00	01	00	02	00	00	74		53	21
E & C Engg.	1 st	23	10	07	02	03	00	06	03	01	00	00	00	01	00	01	01	60		44	16
	3 rd	27	10	08	04	00	03	07	03	02	00	00	00	00	00	01	00	65		45	20
	5 th	35	13	04	06	00	01	06	03	01	00	00	00	00	00	00	00	69	257	46	23
	7 th	26	14	05	05	00	01	03	05	02	00	00	00	00	00	02	00	63		38	25
Mech. Engg.	1 st	32	04	13	00	02	00	05	00	01	00	00	00	00	00	00	00	58		54	4
	3 rd	42	01	08	02	01	01	10	00	02	00	00	00	00	00	01	00	68		64	4
	5 th	44	00	08	00	02	00	10	00	02	00	00	00	00	00	02	00	68	262	68	0
	7 th	49	02	04	00	01	01	08	00	03	00	00	00	00	00	00	00	68		65	3
Textile Engg.	1 st	05	04	02	01	01	00	00	00	00	00	00	00	01	01	00	00	16		10	6
	3 rd	08	05	05	01	00	00	02	01	00	00	00	00	00	00	01	00	30		21	9
	5 th	05	08	02	01	01	00	02	02	00	00	00	00	00	00	03	00	24	115	13	11
	7 th	16	15	03	03	00	00	04	01	00	00	00	00	00	00	00	00	45		26	19
Total=		446	127	97	36	19	07	91	21	27	01	00	01	01	18	01	908	707	201		

Total Boys = 707 no's

Total Girls = 201 no's

Total Registered Students = 908 no's

M. G. Vishwakarma
Dealing Asstt.

Dean Academics

Director-cum-Principal

S. K. S. / 01.10.19

V. K. S.

[Signature]

12. Faculty & Staff Position

Quarterly Staff Position upto 30, September, 2020

Sl. No.	Designation of the post with pay Band/Grade Pay	Total sanctioned post	Filled	Vacant	Name of employees holding the Post	Date of Birth	Date of joining in the Dept.	Status of Employees		Category of employees General/ST/SC/OBC	Nature of posting of regular/contract/term/TO adhoc/Part time etc.	Date from which the post is vacant	Remarks
								Permanent	Temp				
1	Director/Principal 37400-67000+10000(7th CPC)	1	0	1	Vacant								
2	Professor(M E) 37400-67000+10000	2	1	1	Dr. Rajeev Khanduja	02.05.72	31.03.18	Perm.	0	Gen.	Regu.	0	0
3	Associate Prof.(ME) 37400-67000+9000	1	0	1	vacant	0	0	0	0	0	0	30.10.2013	0
4	Workshop Supdt. (ME) 15600-39100+6000	1	0	1	Vacant	0	0	0	0	0	0	08.05.2006	0
5	Asstt. Prof/ Lecturers (M E) 15600-39100+6000	8	8	0	Sh. Amitesh Sharma	29.08.83	17.06.09	Perm.	0	Gen.	Regu.	0	0
					Sh. Mridul Sharma	08.08.86	19.04.10	Perm.	0	Gen.	Regu.	0	0
					Sh. Ajay Kumar	05.12.80	09.04.12	Perm.	0	Gen.	Regu.	0	0
					Dr. Ritesh Kaundal	14.01.86	19.04.12	Perm.	0	SC	Regu.	0	0
					Sh. Gaurav Mahajan	06.07.83	04.02.16	Perm.	0	Gen.	Regu.	0	0
					Sh. Rohit Bhardwaj	16.08.90	19.01.19	Perm.	0	OBC	Cont.	0	0
					Sh. Chetan Sharma	17.02.89	29.08.11	Cont.	0	Gen.	Cont.	0	0
					Sh. Aman Sharma	19.06.89	01.02.14	0	Temp	Gen.	SWF	0	
					Sh. Deepak Thakur	21.12.89	20.01.14	0	Temp	Gen.	SWF		Against sanctioned
	Asstt. Prof.(ME) 156000-39199+8000	3	3	0	Sh. Amit Deor	15.02.84	15.02.14	0	Temp	Gen.	SWF	08.05.2006	post of Asstt Prof with GP 8000
					Sh. Navdeep Sharma	29.09.88	17.08.15	0	Temp	Gen.	SWF		
6	Professor(Textile) 37400-67000+10000	2	0	2	Vacant	0	0	0	0	0	0	19.07.2006	
7	Asstt. Prof/ Lecturers (Textile) 15600-39100+6000	8	8	0	Sh. Parveen Kumar	10.09.79	30.03.07	Perm.	0	SC	Regu.	0	
					Sh. Amit Kumar	30.06.89	11.07.13	Perm.	0	Gen.	Regu.	0	
					Miss Priya Jaswal	21.08.89	12.03.13	Perm.	0	Gen.	Regu.	0	
					Miss Preet Gautam	27.10.87	17.07.13	Perm.	0	Gen.	0	0	

Faculty Position Consolidated

Sr. No.	Department	Professor	Associate Professor	Assistant Professor (Regular, Contract, Hourly Basis)	Total
1	Director	01	--	--	01
2	Civil Engineering	01	--	06	07
3	Electronics & Comm. Engineering	01	--	07	08
4	Mechanical Engineering	01	--	10	12
5	Textile Engineering	--	--	11	11
6	Applied Sciences and Humanities	--	--	09	09
7	Computer & Electrical	--	--	02	02
8	Librarian	--	--	01	01
Total		04		46	50

NON-TEACHING STAFF

Sr. No.	Particular	Total
1	Administrative Staff & Technical Supporting Staff	38
4	Attendant, Peon & Other Staff	9
	Total	47

Representation of Male to Female Faculty (Gender Ratio):

Sr. No.	Department	Male	Female	Total
1	Director	01	--	01
2	Civil Engineering	04	03	06
3	Electronic and Communication Engineering	05	03	08
4	Mechanical Engineering	12	--	12
5	Textile Engineering	08	03	11
6	Applied Sciences and Humanities	06	03	09
7	Computer & Electrical	01	01	02
8	Librarian	--	01	01
Total		37	14	50

Faculty with Ph.D. Qualification:


Sr. No.	Department	Name of Faculty	Specialization	Year of Completion
1.	Civil Engineering	Dr. S.P. Guleria	Civil Engineering	2014
2.	Mechanical Engineering	Dr. Rajeev Khanduja	Mechanical Engineering	2010
3.	Mechanical Engineering	Dr. RiteshKaundal	Mechanical Engineering	2011
4	Electronics and Communication Engineering	Dr. HimanshuMonga	Electronics and Comm. Engineering	2014
5.	Electronics and Communication Engineering	Dr. Vicky	Electronics and Comm. Engineering	2020
6.	Applied Science and Humanities	Dr. P.C. Chopra	Mathematics	2011
7.	Applied Science and Humanities	Dr. Ajnesh Singh	Chemistry	2012
8.	Applied Science and Humanities	Dr. ChampaVerma	Chemistry	2005
9.	Applied Science and Humanities	Dr. SunitaKumari	Mathematics	2008

Faculty Enrolled for Ph.D.:

Sr. No.	Department	Name of Faculty	Specialization	University/ Institute
1.	Civil Engineering	Ms. MadhuGautam	Civil Engg.	Thaper University, Patiala
		Sh. Vivek	Civil Engg.	NIT, Hamirpur
2.	Mechanical Engineering	Sh. Amitesh Sharma	Mech. Engg.	NIT, Hamirpur
		Sh. Mridul Sharma	Mech. Engg.	Lovely University
3.	Electronics and Comm. Engg.	Sh. ShashiGurang	CSE	NIT, Hamirpur
		Smt. NitashaBisht	ECE	Lovely University
		Sh. Ankush Kapoor,	ECe	NPU Dehrudhun
4.	Textile Engineering	Sh. Dinesh Bhatia	Textile Engg.	NIT, Hamirpur
		Sh. Ankush Sharma	Textile Engg.	NIT, Hamirpur

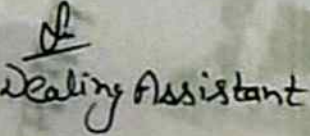
13. Exam Result Analysis/Transition Rate


Transition Rate List of 2nd Sem. students admitted during last academic year (2019-20)

 **JAWAHARLAL NEHRU GOVERNMENT ENGINEERING COLLEGE**
SUNDERNAGAR, DISTRICT MANDI (HP)-175018
Phone No. 01907-267199, 267688 Fax No. 01907-266811
Website: www.jngec.ac.in Email: jngechp@yahoo.co.in

No. of Students Transitted to 3rd Semester clearing all papers of first year i.e. 1st and 2nd semesters

Category	Male	Female	Other(Gender)
SC	8	3	Nil
ST	3	Nil	Nil
OBC	2	2	Nil
Others(Including General)	38	13	Nil
All(Total)	69		


Dealing Assistant


Dean Academic
27/4/20.

Result SC students =11/36=30.56%

Result STstudents =03/09=33%

Overall SC/ST students result= 31.11%

Overall Result of JNGEC, Sundernagar in 1st year = 36%

14. GATE Qualified Student Data

Sr.No	Discipline	No of Students Qualified Graduate Aptitude Test Engineering Examination			
		GATE-2020	GATE-2019	GATE-2018	GATE-2017
1	Mechanical Engineering	03	06	06	10
2	Textile Engineering	03	02	02	07
3	Electronics and Communication Engineering	04	04	01	05
4	Civil Engineering	07	14	03	06
Total		17	26	12	28

15. Training Programme for Students

S.No	Name of the Students	Roll No/Semester/	Name of the Event	Organizer	Date(s)
1.	SachinHimalyan	ECE	one day workshop on "Mobile Robotics"	IIT Delhi	4 th October, 2019:
2.	SakshamChauhan				
3.	Anshul Thakur				
4.	Mansi Sharma				
5.	Ashish Sharma	ECE			
6.	Diksha Thakur	ECE			
7.	Gaurav Thakur	ECE			

8.	Kajal Sandhu	ECE			
9.	Alokik Rana	ME			
10.	Sahil	ME			
11.	Anshul Mishra	ME			
12.	Himandri Chatterjee	Textile	2 nd International Conference on "Emerging Trends in Technical Textiles"	NIT Jalandhar:	. 1-3 rd November, 2019
13.	Sanjeev Kumar Sahni				
14.	Umesh Sharma	Civil	Technical Event	Rajiv Gandhi Govt. Engg. College Kangra	on 1 st & 2 nd November, 2019
15.	Deepak Sharma				
16.	Ankush Lucktoo				
17.	Kartik Thakur				
18.	Mr. Himadri Chatterjee	Textile	International Conference on "Advance in Textile Material	Uttar Pradesh	2-3 rd December 2019
19.	Chirag Thakur	ECE	Matlab Project course on Massive MIMO, Cooperative Communication and Cognitive Radio for 5G"	IIT Kanpur at University College of Engineering	6 th -10 th January, 2020
20.	Pranjal Abrol				
21.	Avinash Sharma				
22.	Chirag Thakur	4 th year ECE	"Deep Learning and its Applications"	E& ICT Academy IIT Roorkee	3 rd December 2020 & 16 th December 2020
23.	Avinash Sharma				
24.	Ms. Sakshi Sharma	4 th year, Textile Engg.	Characterization Techniques in Textiles and Polymers w.e.f.		15 th to 19 th December, 2020
25.	Mr. Himadri Chatterjee	4 th year Textile Engg.	Textile Testing Analytical Techniques in Textiles & Fashion	NIT Jalandhar	27 th November, 2020 to 1 st December, 2020
26.	Ms. Jagriti	4 th year Textile Engg.			
27.	Ms. Ritika Panwar	4 th year Textile Engg.			
28.	Ms. Shweta	4 th year Textile Engg.	Characterization Techniques in Textiles and Polymers		15 th to 19 th December, 2020
29.	Mr. Aditya Chauhan	4 th year Textile Engg.	Textile Testing Analytical Techniques in Textiles & Fashion		27 th November, 2020 to 1 st December, 2020
30.	Mr. Shubham Gupta	3 rd year Textile Engg.			
31.	Ms. Shikha	3 rd year Textile Engg.			

32.	Mr. Chiragthakur	3 rd year Textile Engg.		
33.	Mr. Narender	2 nd year Textile Engg.		
34.	Ms. IshitaGarg	2 nd year Textile Engg.		
35.	Mr. Abhishek	2 nd year Textile Engg.	Characterization Techniques in Textiles and Polymers	15 th to 19 th December, 2020

16. Training Programme for Teacher and Staff Outside Institution.

1.	Ajay Kumar, Assistant Professor, Mechanical Engineering	13th May, 2019 to 14th July, 2019	Summer Faculty Research Fellow Programme (SFRF-2019)	IIT Delhi.
2.	ShParveen Kumar Assistant Professor,	1-3rd November and 4-6th November, 2019	2nd International Conference on "Emerging Trends in Traditional and Technical Textiles" and "Clothing Comfort"	NIT Jalandhar
3.	Er. Ankush Kapoor, AP ECE	11th to 20th November, 2019.	AICTE Sponsored Faculty Development Program on "Moral Values and Ethics for Engineering Teachers"	Prof. Ram Meghe Institute of Technology & Research, Amravati at Art of Living International Center, Bangalore
4.	Er. Ajay Kumar, Assistant Professor, Mechanical Engineering Department	11 th -15 th November, 2019	GIAN (Global Initiative On Academic Networks) course on "Fatigue of Composite Materials"	NIT Jalandhar
5.	Dr. Ajnesh Singh, AP AS&H	25 th November, 2019 to 6 th December, 2019.	AICTE sponsored Two Week FDP on "Digital Learning: The prospects of IOT Technology in Education"	NITTTR Chandigarh

6.	Prof. HimanshuMonga	2 nd – 6 th December, 2019.	AICTE –Training and learning (ATLA) Academy Cell Sponsored FDP on “Cyber Security”	PEC Chandigarh
7.	Er. MunishBhardwaj, AP ECE	21 st to 30 th December, 2020	online course on “PYTHON for 5G MU, Massive MIMO and	IIT Kanpur
8.	Er. Ankush Kapoor, AP ECE	15-16 th January, 2021	4 th Biennial International Conference on “Nascent Technologies in	Fr. Conceicao Rodrigues Institute of Technology Vashi, Navi Mumbai
9.	Prof. HimanshuMonga Head ECE	24 th -28 th February, 2020	Faculty Training programme on “Internet of Things (IoT)	organized by NPIU at IIT Bombay
10.	Prof. S.P. Guleria	17 th -19 th Feb, 2020	Presented research papers titled “Stabilization of soil mass with lime and waste plastic strips” in International Conference on “ Geo Environment and Sustainability (Geo-Environment-019)	IIT Delhi.

17. Student’s internship data

104 students of our institution has done their internship in various institutions

Sr.No.	Roll No.	Name of Student	Company Head	Name of Institutions/Company/ Organisation
1	1602630004	AbhinayAwasthi	H.R	International Cars & Motors Ltd, Industrial Area Amb, Distt. Una HP 177203
2	1602630008	Akshaykumar	H R	Krishna Maruti Ltd. Plot Street no.48, Sec-03, IMT Manesar, Gurugram Haryana
3	1602630009	Akshaykumar	H.R	International Cars & Motors Ltd, Industrial Area Amb, Distt. Una HP 177203
4	1602630010	Akshay Sharma	H.R	Sunbeam Lightweighting Solutions Pvt. Ltd, 38/6 Km stone, Narsinghpur, Gurugram, Haryana

5	1602630011	AmanDhiman	H.R	Osho Forge Ltd, VillUchiMangli, P.O. Ramgarh, Outside Octroi Ludhiana, Pb
6	1602630015	Amitkumar	H.R	National Fertilizers Limited, NayaNangal Distt. RoparPb 140126
7	1602630020	Ashish Sharma	H R	Coca Cola Ludhiana, Beverage Pvt. Ltd. Unit 4, Vill. Mehlanwali, Una Road, Hoshiarpur
8	1602630021	AshtikParihar	Senior Manager	Chinar International, Plot No 523, Phase-9, Mohali PB
9	1602630030	KiranKamta	H.R	JSTI Transformers Pvt. Ltd, Hill Top, Industrial Area, Jharmari, Teh. Baddi, Distt. Solan HP
10	1602630033	Manish Kumar	H.R	Kartar Agro Industries Ltd, Amlah Road, Bhadson, Patiala, Punjab
11	1602630034	Manish Kumar	H R	Krishna Maruti Ltd. Plot Street no.48, Sec-03, IMT Manesar, Gurugram Haryana
12	1602630035	Manoj Sharma	H.R	Ambuja Cement Ltd, Unit Suli, P.O. DarlaghatTeh. Arki Distt. Solan HP
13	1602630036	MeenalBhardwaj	HR/ Manager	PA Pinions Unit-II, Kasauli Road, DharampurSolan HP
14	1602630038	Neeraj Kumar	H R	SML Isuzu Ltd, Tehsil & Distt. RoparPb
15	1602630040	Nikhilesh Kumar	H.R	Osho Forge Ltd, VillUchiMangli, P.O. Ramgarh, Outside Octroi Ludhiana, Pb
16	1602630041	PeeyushKashyap	H. R	Alkem Laboratories ltd, Vill. Thana, Tehsil Baddi Distt. Solan HP
17	1602630049	Sanchit Thakur	Resident Engineer	Bhabha Power House Division, HPSEBL Bhabha Nagar, Distt Kinnaur HP
18	1602630051	Shubham Gupta	H.R	Ambuja Cement Ltd, Unit Suli, P.O. DarlaghatTeh. Arki Distt. Solan HP
19	1602630053	SidhantThapa	H R	Tata Motors Ltd, CVBU Main Gate KSB Chowk, Pune, Maharashtra
20	1602630054	Sourabh	H. R	Alkem Laboratories ltd, Vill. Thana, Tehsil Baddi Distt. Solan HP
21	1602630059	Vivek Thakur	HR	Himalayan Crest Ltd, Vill. Timbi, Tehsil Shillai, Sirmour, H.P
22	1602630060	Yogeshkumar Sharma	H.R	Ambuja Cement Ltd, Unit Suli, P.O. DarlaghatTeh. Arki Distt. Solan HP
23	1604730019	EvanshiWalia	Senior Manager	Hero Cycle Ltd, G.T Road, Giaspura Ludhiana, PB
24	17BTL01202	AbhishekRana	H.R Manager	Sagar Engineering Company Manipura Road, Baddi HP
25	17BTL010208	Sachin Kumar	H.R	RSJ Inspection Service Ltd, 2n Floor, B-58, Sec-60, Noida, UP
26	1602614001	Aastha Sharma	HOD, CE	Department of Civil Engineering , IIT Mandi, Kamand, Mandi, HP
27	1602614002	Abhaypratap	Admin Manager	Opulent Technologies SCO 3017-18, Sec-22D Chandigarh
28	1602614004	AditiRana	HOD, CE	Department of Civil Engineering , IIT Mandi, Kamand, Mandi, HP
29	1602614010	Amit Kumar	Manager/HR	SJVN Ltd, Shanan, P.O Sanjauli, Distt Shimla HP
30	1602614012	Anurag	The Chairman	VidhiConstruction,III, AnchalViharLohgarh, Tehsil Kalka, Distt. Panchkula, HR
31	1602614015	Ayush Sharma	Admin Manager	Opulent Technologies SCO 3017-18, Sec-

				22D Chandigarh
32	1602614017	DikshaKumari	Manager/HR	SJVN Ltd, Shanan, P.O Sanjauli, Distt Shimla HP
33	1602614020	HarshaKumari	Manager/HR	SJVN Ltd, Shanan, P.O Sanjauli, Distt Shimla HP
34	1602614028	Pallavi	The Chairman	VidhiConstruction,III, AnchalViharLohgarh, Tehsil Kalka, Distt. Panchkula, HR
35	1602614030	Pranav Sharma	Chairman	Afcons Infrastructure Pvt. Ltd. Aut, Village Banala, Distt. Mandi. HP
36	1602614038	Rohit Kumar	GM/HR	SJVN Ltd. Shakti SadanShanan, Shimla HP
37	1602614043	Sarvesh Kumar	The Chairman	VidhiConstruction,III, AnchalViharLohgarh, Tehsil Kalka, Distt. Panchkula, HR
38	1602614045	Shabnam Thakur	Admin Manager	Opulent Technologies SCO 3017-18, Sec-22D Chandigarh
39	1602614046	Shahil Thakur	Admin Manager	Opulent Technologies SCO 3017-18, Sec-22D Chandigarh
40	1602614047	Shanu	Admin Manager	Opulent Technologies SCO 3017-18, Sec-22D Chandigarh
41	1602614051	Shreya	HOD, CE	Department of Civil Engineering , IIT Mandi, Kamand, Mandi, HP
42	1602614052	ShwetaNaik	The Chairman	VidhiConstruction,III, AnchalViharLohgarh, Tehsil Kalka, Distt. Panchkula, HR
43	1602614058	Vaibhav Gupta	GM/HR	SJVN Ltd. Shakti SadanShanan, Shimla HP
44	1603616035	Pooja	The HR	JLPL Ltd, Falcon View Project, Sec-66A Mohali
45	1603616055	Umesh Sharma	The HR	JLPL Ltd, Falcon View Project, Sec-66A Mohali
46	1603614040	SahilChauhan	GM/HR	SJVN Ltd. Shakti SadanShanan, Shimla HP
47	17BTL010101	Anita Thakur	The Director	HimmelInfotelPvtLtd,Plot No.E-55, Phase VIII,Industrial Area, SAS Nagar Mohali
48	17BTL010103	DiwakarSewal	Director	CSIR-CBRI, Roorkee, Uttarakhand,
49	17BTL010104	Harvind Singh	Project Manager	NHAI Sec-1, 2nd Floor, ChanniHimmat Jammu (J&K)
50	17BTL010105	Jyoti Devi	H R	KMC Construction Ltd, VPO Gutkar, Newchowk, Distt Mandi HP
51	17BTL010106	Neha Thakur	H R	KMC Construction Ltd, VPO Gutkar, Nerchowk, Distt Mandi HP
52	17BTL010108	Rahul Kashyap		JLPL Ltd, Sec-82, SAS Nagar Mohali, Punjab, Kasauli H.P
53	17BTL010109	RanjeetNegi	GM/HR	SJVN Ltd. Shakti SadanShanan, Shimla HP
54	17BTL010110	Sahara Thakur	H R	KMC Construction Ltd, VPO Gutkar, Nerchowk, Distt Mandi HP
55	17BTL010111	Shivani	HOD, CE	Department of Civil Engineering , IIT Mandi, Kamand, Mandi, HP
56	17BTL010112	Swati Sharma	Admin Manager	Opulent Technologies SCO 3017-18, Sec-22D Chandigarh
57	17BTL010113	Vikram Sharma	Supdtt.Engineer	4th Circle HPPWD, Shimla
58	17BTL010114	WarisAbdal	Director	NIT Srinagar, Hazratbal, Kashmir J&K
59	17BTL030107	Pankhudi Pal	The Director	HimmelInfotelPvtLtd,Plot No.E-55, Phase VIII,Industrial Area, SAS Nagar Mohali
60	17BTL030112	Yoginder Thakur	The Director	HimmelInfotelPvtLtd,Plot No.E-55, Phase VIII,Industrial Area, SAS Nagar Mohali
61	1602617001	Aarushi Thakur	HR	CSIR-CSIO Sec-30C Chandigarh

62	1602617005	Abhishekthakur	The HR	Sach Tech Solutions Pvt. Ltd C-86, Pannu Tower Phase-7 Mohali
63	1602617006	AbhishekVerma	H R	Thinknext Tech. Pvt. Ltd, Sec-65, Phase -11, Mohali
64	1602617011	Anjali thakur	SDO (HRD)	Telecom Division, Kullu, HP
65	1602617012	AnkitaSuryavanshi	Director	DRDO, SASE, Research & Development Centre Him Parisar, Sec-37, Chandigarh
66	1602617019	Ashwani Kumar	The HR	Sach Tech Solutions Pvt. Ltd C-86, Pannu Tower Phase-7 Mohali
67	1602617024	Divynish Sharma	H.R	Semiconic Devices Pvt. Ltd,C-2, Vikaspuri New Delhi
68	1602617025	Kshitijverma	HR	Project Trg. Group Semi- Conductor Laboratory, Sec-72, SAS, Nagar Punjab
69	1602617026	Gyanchand	The HR	Sach Tech Solutions Pvt. Ltd C-86, Pannu Tower Phase-7 Mohali
70	1602617035	NitinRaghwa	The HR	Sach Tech Solutions Pvt. Ltd C-86, Pannu Tower Phase-7 Mohali
71	1602617044	Ruchika Thakur	HOD	DUCAT A-52 & A-43, Sec-16, Noida, U.P 201301
72	1602617052	Shivani Thakur	H R	Thinknext Tech. Pvt. Ltd, Sec-65, Phase -11, Mohali
73	1602617053	Shivanjanjaryal	H R	BEL Sec-16 405, Industrial Area, Phase-III, Panchkulla, Haryana
74	1602617056	Shubham Sharma	The HR	Sach Tech Solutions Pvt. Ltd C-86, Pannu Tower Phase-7 Mohali
75	1602617058	TarunMahajan	Head R&D	TCIL-IT (ICS Group)SCO 3017-18 Sec-22D, Chandigarh
76	1602617060	Vishal Dhiman	HR	Project Trg. Group Semi- Conductor Laboratory, Sec-72, SAS, Nagar Punjab
77	17BTL010404	Nandini Devi	H R	DRDO, Defence Laboratory, Ratanada Palace, Jodhpur Rajsthan,
78	17BTL010407	ShamliBharti	HOD	DUCAT A-52 & A-43, Sec-16, Noida, U.P 201301
79	17BTL010408	Shivaniverma	HOD	DUCAT A-52 & A-43, Sec-16, Noida, U.P 201301
80	17bt010410	SirpreetKaur	H R	Thinknext Tech. Pvt. Ltd, Sec-65, Phase -11, Mohali
81	17BTL010411	Sonikadevi	Gen. Manager	Aerial Telecom Sol. Pvt. Ltd. ISBT, Tutikandi, Shimla HP
82	1602632001	AasheeSood	H. R	Vardhman Textile Ltd, Sai Road Baddi, HP
83	1602632004	AbhishekVerma	H.R	VardhmanPolytex Ltd, NalagarhPinjoreSwarghat Road HP
84	1602632008	Amit Kumar	H.R	Birla Textiles Ltd, Baddi, Distt. Solan HP
85	1602632009	AnjliKumari	H.R	K.G Exports, Plot No.5, Moti Nagar Ludhiana
86	1602632010	Ankitabhardwaj	H.R	Orient Craft Ltd, Phase-6,Sector 37, Gurugram Haryana
87	1602632012	Aprajita	H. R	Vardhman Textile Ltd, Sai Road Baddi, HP
88	1602632014	Deepak	H.R	Deepak Spinners Ltd, 121,DIC Industrial Area, Baddi, Distt. Solan HP
89	1602632018	KanchanRana	H. R	Sudharth Textile Ltd, Plot No. 1725/10, Focal Point Phase V, Ludhiana
90	1602632019	KritiSaklani	H.R	Arvind Limited, Santej Road, Near Khatrej Cross Road, TalukaKalol, Distt. Gandhinagar, Gujrat 382721

91	1602632020	KumariNeha	H.R	Arvind Knits, P.O Khatraj, TalukaKalol, Gujrat, Gandhi Nagar
92	1602632021	LiviyaKatoch	H.R	K.G Exports, Plot No.5, Moti Nagar Ludhiana
93	1602632022	Mitali	H.R	Arvind Knits, P.O Khatraj, TalukaKalol, Gujrat, Gandhi Nagar
94	1602632025	Nisha Thakur	H. R	Sudharth Textile Ltd, Plot No. 1725/10, Focal Point Phase V, Ludhiana
95	1602632027	Pankaj	H.R	LSI Ltd ,Vill. SainiMajara, PO Manjholi, Tehsil Nalagarh Distt. Solan HP
96	1602632029	PoojaBehl	H. R	Sudharth Textile Ltd, Plot No. 1725/10, Focal Point Phase V, Ludhiana
97	1602632033	RohanBehl	H.R	Shahi Exports Pvt. Ltd,Industrial Area Plot No.68, Gurugram Haryana
98	1602632035	Sahilchoudhary	H.R	Aarti International Ltd, Vil. UchiMangli, P.oRamgarh Ludhiana
99	1602632037	Sapna	H.R	Orient Craft Ltd, Phase-6,Sector 37, Gurugram Haryana
100	1602632038	ShivaliKatna	H.R	Vardhman Textiles Ltd, A2T Unit , sai road Baddi, HP
101	1602632041	Suraj Gupta	Sumit	School of Engineering IIT, Mandi HP
102	1602632043	Vaishalinath	H. R	Vardhman Textile Ltd, Sai Road Baddi, HP
103	1602632047	Yogeshchandel	H.R	Aarti International Ltd, Vil. UchiMangli, P.oRamgarh Ludhiana
104	17BTL010703	Vishal Rana	Sumit	School of Engineering IIT, Mandi HP

18. PLACEMENT DATA 2019-20

SR. NO.	ROLL NO.	NAME OF THE STUDENT	GEN DER	NO'S OF STUDENT,S PLACED IN COMPANY	NAME OF COMPANY	PACKAGE PER ANNUM	BRANCH
1	1602617022	Deeshant Sharma	M	04	Pie Infocomm Pvt Ltd Phase B-12, Se-E, Aliganj Lucknow U.P	3.5 L.P.A	Electronics & Communication Engineering
2	1602617027	Harshita	F				
3	1602617037	Pradeep Sharma	M				
4	1602617062	Prahlad Parmar	M				
5	1602617014	Anmol Verma	M	05	Sach.Tech Solution Plot no C-86, Industrial Area Phase 7 Mohali	2.2	
6	1602617038	Pratibha Singh	F				
7	1602617048	Sakshi Mehra	F				
8	1602617051	Shivam Awasthi	M				
9	17BTL010407	Shamli Bharti	F				
10	1602617002	Aayush Sharma	M	08	Truvic Engineers Pvt. Ltd. Scf-15, Phase-2, Mohali-160055	2.4	
11	1602617014	Anmol Verma *	M				
12	1602617016	Apoorva Verma	F				
13	1602617020	Ayush Dogra	M				
14	1602617024	Divynish Sharma	M				
15	1602617037	Pradeep Sharma *	M				
16	1602617045	Sahil	M				
17	1602617051	Shivam Awasthi *	M				
18	1602617016	Apoorva Verma *	F	02	Ecomocoeana Technologies Pvt. Ltd, Plot No. E 302, Vista Tower, Phase 8AMohali PB	2.4	Electronics & Communication Engineering
19	1602617027	Harshita *	F				
20	1602614001	Aastha Sharma	F	04	Pie Infocomm Pvt Ltd Phase B-12,Sec-E, Aliganj Lucknow U.P	3.5	Civil Engineering
21	1602614048	Shaswat Kapoor	M				
22	1602614049	Shelly Thakur	F				
23	1602614056	Vaishali	F				
24	1602630005	Aditya Sharma	M	04	Pie Infocomm Pvt Ltd Phase B-12,Sec-E, Aliganj Lucknow U.P	3.5	Mechanical Engineering
25	1602630023	Deepansh Thakur	M				
26	1602630027	Kalyani jaswal	F				
27	1604730056	Yogesh Sharma	M				

Total = 27 Nos.

19. R&D Achievements

Following faculty members of our institute have published research papers/ Proceeding and book chapter

SNo	Publication	Journal/Proceeding/ Book /Chapter	Title of Paper	Volume No
1	International	Book/Chapter	“Development of Decision Support System for a Paper Making Unit of a Paper Plant Using Genetic Algorithm Technique” has been accepted for publication	Edition No. 1
2	National	Journal	An Improved Server Validation Scheme for Multi-server Infrastructure	Natl. Acad. Sci. Lett. 43 , 43–47 (20
3	International	Journal	Sine Cosine Algorithm Assisted Tuning of PID Controller for DC Servo-Motor	"2020 International Conference on Computation , Automation and Kno Management (ICCAKM), Dubai, U Arab Emirates , 2020, pp. 230-234."
4	International	Proceedings	Application of SCA for Level Control of Three-Tank System,	2020 International Conference on Computation , Automation and Kno Management (ICCAKM), Dubai, U Arab Emirates , 2020, pp. 220-224.
5	International	Journal	Robust and Lightweight Mutual Authentication Scheme in Distributed Smart Environments”	vol. 8, pp. 69722-69733, 2020
6	International	Journal	Proposed algorithm for feature extraction of speech waves & facial images in Biometric system.	Volume 14, Issue 4, April 2020
7	International	Journal	Design Of Energy Efficient Handover Algorithm For Heterogeneous Networks	Volume XII, Issue IV, 2020
8	International	Journal	Proposed model for Improved Survivability in MPLS networks	Volume XII, Issue No V
9	National	Journal	Prediction of COVID-19 Cases Over Globe with Expeditious Recovery	Volume 8 issue no 3
10	International	Proceedings	Stablization of soil with lime and waste plastic strips	Proceedings ID-125

Following faculty members of our institute have filed patent as per the detail

S.No.	Patent Title	Patent Type	Application Date	Application Number	Faculty Incharge
1	METHOD AND SYSTEM FOR PERFORMING TREATMENT OF WATER IN A WATER RESERVOIR	Process	2020-04-06	IN 202011023387	Prof. HimanshuMonga
2	HEALTH MONITORING SYSTEM	Process	2020-01-31	202011002482 A	Prof. HimanshuMonga

20. Conference Held:

S.No	Name of the Department	Event	Name of the Event	Date(s)
1.	Civil Engineering	Workshop	"Latest Trends in Civil Engineering"	7 th September, 2019
2.	Start up Cell	Event	A Hacktathon cum Idea Pitching Competition"	12-13 th September, 2019
3.	Textile	Workshop	"Innovation and Emerging Trends in Textile"	21 st September, 2019
4.	Civil Engineering	Workshop	"Earthquake Engineering"	17 th October, 2019
5.	Textile	Two Day Workshop	"Transitory Textiles, The Future of Textiles"	15-16 th November, 2019
6.	Institutional	Two Week	AICTE approved FDP on "Life Skill Development (LSD)"	2-11 th January, 2020

Detail of webinars conducted

Sr. No.	Name of Event	Topic/Expert	Department	Dated
1.	Webinar	"Solar Energy Initiative in campus" by Deputy Director, National Institute of Solar Energy Gurgaon	Civil & Mechanical Engg	6 th October, 2020
2.	Webinar	"National Education Policy (NEP 2020)- a road map for its implementation"	All Deptt.	13 th October, 2020
3.	Webinar	Advocacy Programme on "Competition Law and Public Procurement" by Sh. Rangilu Ram Patyal, HAS Retired	All Deptt.	14 th October, 2020
4.	Webinar	"Energy Sustainability and the Green Campus Initiative" delivered by Dr. Ashish Kumar Sharma (Energy Analyst) from International Finance Corporation, World Bank Group	Civil & Mechanical Engg.	14 th October, 2020
5.	Webinar	"Emerging Construction Systems" Dr. Naveen Kwatra, Professor, Civil Engineering Deptt., Thapar University Patiala	Civil Engg.	20 th October, 2020

6.	Webinar	Maintaining career stress in times of COVID-19 Dr. Pawnish Kumar, Distt. Programme Officer Zonal Hospital Mandi	Civil Engg.	21 st October, 2020
7.	Webinar	"MAC layer Issues in Wireless Sensor Networks" by Dr. Krishna Pal Sharma, Assistant Professor, NIT Jalandhar	ECE	26 th October, 2020
8.	Webinar	"Basics of Machine Learning" by Dr. Manjeet Singh, Assitant Professor, ECE NIT Jalandhar	ECE	7 th November, 2020
9.	Webinar	"MIMO Wireless Systems" by Dr. BrijeshKumbhani, Assistant Professor, Electrical Engineering, IIT Ropar	ECE	9 th November, 2020
10.	Webinar	"Advance Manufacturing Processes" by Dr. Rahul Vaish, Associate Professor, IIT Mandi	Mechanical	2 nd November, 2020
11.	Webinar	Solar Thermal Technology, Dr. AwadeshYadav, Assistant Professor, NIT Kurukshetra	Mechanical	11 th November, 2020
12.	Webinar	"Problems not discussed in Class" by Dr. Hemant Kumar Vinayak, Associate Professor, NITTR	Start up Cell	5 th December, 2020

21. Consultancy projects in-hand

Civil Engineering Department of our institute had carried out following consultancy projects in the financial year 2018-19 with amounting Rs. 1,37,426/-

- Third party Quality Assurance of Forest Training Institute construction work at Sundernagar and Chail under JICA project.
- Renovation of civil works at Shimla airport: replacement of existing tile flooring.

Some consultancy projects of the department are in pipeline.

22. Startup and innovations

Start-up & Incubation and Innovation cell/Entrepreneurship cell of our institute organized the following events

Sr. No.	Name of event	Date of Event	Type of event
1	Idea generation and opportunity evaluation for aspiring entrepreneur	30 th Aug. 2019	Orientation Session

2	A Hackathon cum Idea pitching Competition	12 th Sept. 2019 To 13 th Sep. 2019	Hackathon
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Through institution's Start-up & Incubation and Innovation cell/Entrepreneurship cell students from our institute participated in the following events

Sr No	Name of event	Name of Students	Title of Idea/Product	Date of Event	Venue	Position Held
1	Hackathon cum startup awareness event	IshikaSharma & Team, Vivek Sharma	1. Waste Management, 2. Renewable Energy	19 th Aug. 2019 to 21 st Aug. 2019	RGGEC NagrotaBagwan Kangra	2 nd Position & 3 rd Position

23. Curricular achievements and Co-curricular achievement

Induction Programme for Ist Year Students:

The Institute conducted the Induction program in August,2018 for the newly joined students to feel them comfortable, sensitize them towards exploring their accademic interests and activites, reducing competition and making them work for excellence, promote bonding with in them, build relation between teachers and students, give a broader view of life and building of character.



NATIONAL CADET CORPS

NCC Jawaharlal Nehru Govt. Engineering College (JNGEC) was established in July, 2016 under the 2HP BN NCC Mandi. The sanctioned strength of NCC Unit is 50 cadets (Fifty Cadets). Captain H.S Rana is NCC Officer. He is Awarded Best NCC Officer in the state in 2002 & 2012 and also awarded with DG Commendation in 2015.

MOTO OF NCC :- UNITY AND DISCIPLINE

AIM OF NCC

To Develop Character, Comradeship, Discipline, Leadership, Secular Outlook, Spirit of Adventure, and Ideals of Selfless Service amongst the Youth of the Country. To Create a Human Resource of Organized, Trained and Motivated Youth, To Provide Leadership in all Walks of life and be Always Available for the Service of the Nation. To Provide a Suitable Environment to Motivate the Youth to Take Up a Career in the Armed Forces.

PLEDGE

WE THE CADET OF THE NATIONAL CADET CORPS, DO SOLEMNLY PLEDGE THAT WE SHALL ALWAYS UPHOLD THE UNITY OF INDIA. WE RESOLVE TO BE DISCIPLINED AND RESPONSIBLE CITIZEN OF OUR NATION. WE SHALL UNDERTAKE POSITIVE COMMUNITY SERVICE IN THE SPIRIT OF SELFLESSNESS AND CONCERN FOR OUR FELLOW BEINGS.

Engineers Day, Teachers Day, Independence Day, Republic Day, Annual day (TWASK), Sports meet, were organized in the institute



NCC Events

- 1. Annual Training Camp, at Pandoh in November 2019.**

Annual Cultural event TWASK 2019 held on 7th and 8th Nov 2019 in which many students participated in various events.





NEW INITIATIVES:

- Some students of Civil Engineering had started and have continued a small team “**Parivartan**” team in which many students teach little children after college hours.
- **Civil engineering society** was started under the guidance of faculty; in which around 120 students of Civil engineering from 1st to 4th year have registered. The society was inaugurated by worthy Director/Principal JNGEC Sundernagar in October 2019 along with *Diwali celebration; distribution of stationary to children of workers by Parivartan team*. The main objective of the civil society is to enhance the technical skills through some technical and co-curricular events.
Logo competition and essay writing competition were also held under Civil Engineering Society.
- **Swachhata Hi Seva 2019** and Massive community mobilization for Plastic Waste **Shramdaan** and curbing of Single Use Plastic (SUPs) was held on 2nd October, 2019 in the campus in which worthy Director, faculty, staff and students participated.

1. COMPETITION ORGANIZED BY DEPARTMENT (IETE):

A competition “**Problem of the month**” is started under IETE banner. In this a difficult problem is given to the students and the student, who gives best solution to the problem is rewarded.

Unnat Bharat Abhiyaan

Unnat Bharat Abhiyaan is the flagship programme of the Ministry of Human Resource Development (MHRD) aiming to enrich rural India.

JawaharLal Nehru Government Engineering College Sundernagar has been selected, registered as participating institution under Unnat Bharat Abhiyan on 13/11/2018 and we have adopted five surrounding villages.

1. Chamukha
2. Thalla
3. Derdu
4. Kapahi
5. Thathar



Three villages survey has been conducted successfully and the report is submitted on 06/03/2020. The three village names are:

S.No	Adopted Village Name	Date of survey
1	Thathar	28.02.2020
2	Thalla	29.02.2020
3	Derdu	01.03.2020

The purpose of this activity was to visit adopted villages located in the neighboring areas of the institution and carry out a survey, gathering basic household information of the people residing in the adopted villages of Thathar, Thalla and Derdu in Sundernagar.

34 Volunteers from 1st, 2nd and 3rd year of different branches were accompanied by faculty member Er. Chetan Sharma to all these aforementioned villages.

NSS EVENT

On the occasion of the 150th birth anniversary of the father of the Nation Mahatma Gandhi Jayanti the National Service Scheme (NSS) JNGEC College Unit has organized Plastic Waste Campaign (Swachhata hi Seva 2019) for curbing of single-use plastic (SUPs) on 2nd October, 2019.

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During this activity Faculty/Staff and volunteers have cleaned the premises and collected plastic waste during the march and used various slogans to aware the people about the harmful effects of plastic. They also removed the grass and weeds besides the buildings and picked up the all plastic garbage from both sides of road and near the canteen area. The drive was concluded at main gate of our college. Total 45 volunteers and Faculty/staff have participated in this event. After collecting the plastic garbage, the local municipal authority has been intimated for proper disposal of the plastic garbage.



24. Awards/Prizes won by students, faculty

Sr No	Name of event	Name of Students	Name of Product	Date of Event	Venue	Position Held
1	Hackathon cum startup awareness event	IshikaSharma & Team,	Waste Management,	19 th Aug. 2019 to 21 st Aug. 2019	RGGEC NagrotaBagwan Kangra	2 nd Position
2	Hackathon cum startup awareness event	Vivek Sharma	Renewable Energy	19 th Aug. 2019 to 21 st Aug. 2019	RGGEC NagrotaBagwan Kangra	3 rd Position

25. Financial information: Funds received & Spent

TEQIP - III--Monthly Financial Management Report										
Consolidation of Sub-Component 1.1,1.2,1.3 and Component 2										
Scheme :		TECHNICAL EDUCATION QUALITY IMPROVEMENT PROJECT OF GOI (EAP) CS								
Month/Quarter/Year :		April/Q1/2019-2020								
Agency :		JAWAHARLAL NEHRU GOVERNMENT ENGINEERING COLLEGE								
S.No.	Activities	Sub - Component	Agency Name	Total Funds allocated /Project Life Allocation (PLA) in Q1	Cumulative Exp. since Inception till 29-06-2020	Exp. in April	Total Cumulative Exp. Upto April in quarter Q1	Total Cumulative Exp. Upto April in Fin Year 2020	Balance Funds allocated/Project Life allocation (PLA)	
				A	B	C	D	E	H = A-(D+F)	
Grand Total :				70,14,705.00	7,65,06,796.00	5,41,720.00	25,16,730.00	5,64,68,907.00	44,97,975.00	
Total :				70,14,705.00	7,65,06,796.00	5,41,720.00	25,16,730.00	5,64,68,907.00	44,97,975.00	
1	Improving Quality & Equity in Focus States	1.1.1 - Procurement of goods	1.1.1.1 - Equipments	JAWAHARLAL NEHRU GOVERNMENT ENGINEERING COLLEGE [jngec2015]	14,42,705.00	3,60,98,544.00	3,96,232.00	10,21,692.00	2,98,91,647.00	4,21,013.00
			1.1.1.2 - Learning resources	JAWAHARLAL NEHRU GOVERNMENT ENGINEERING COLLEGE [jngec2015]	8,50,000.00	73,67,100.00	0.00	6,84,136.00	62,24,013.00	1,65,864.00
			1.1.1.3 - Furniture	JAWAHARLAL NEHRU GOVERNMENT ENGINEERING COLLEGE [jngec2015]	6,00,000.00	46,99,676.00	0.00	0.00	46,99,676.00	6,00,000.00
			1.1.1.4 - Minor civil works	JAWAHARLAL NEHRU GOVERNMENT ENGINEERING COLLEGE [jngec2015]	50,000.00	6,944.00	0.00	0.00	0.00	50,000.00
		1.1.2 - Academic processes	1.1.2.1 - Improve students learning	JAWAHARLAL NEHRU GOVERNMENT ENGINEERING COLLEGE [jngec2015]	80,000.00	1,36,73,095.00	261.00	1,00,741.00	68,80,133.00	-20,741.00
			1.1.2.10 - Services	JAWAHARLAL NEHRU GOVERNMENT ENGINEERING COLLEGE [jngec2015]	0.00	37,541.00	0.00	0.00	19,006.00	0.00
			1.1.2.11 - Industry-Institute Interaction	JAWAHARLAL NEHRU GOVERNMENT ENGINEERING COLLEGE [jngec2015]	4,40,000.00	65,74,050.00	0.00	2,91,750.00	44,77,500.00	1,48,250.00
			1.1.2.2 - Assistantships	JAWAHARLAL NEHRU GOVERNMENT ENGINEERING COLLEGE [jngec2015]	0.00	0.00	0.00	0.00	0.00	0.00
			1.1.2.3 - Graduates employability	JAWAHARLAL NEHRU GOVERNMENT ENGINEERING COLLEGE [jngec2015]	6,65,000.00	6,87,827.00	0.00	0.00	3,76,048.00	6,65,000.00
			1.1.2.4 - Faculty/staff development and motivation	JAWAHARLAL NEHRU GOVERNMENT ENGINEERING COLLEGE [jngec2015]	6,50,000.00	24,36,841.00	0.00	98,762.00	7,98,829.00	5,51,238.00
			1.1.2.5 - Research and development	JAWAHARLAL NEHRU GOVERNMENT ENGINEERING COLLEGE [jngec2015]	40,000.00	7,01,415.00	24,290.00	85,939.00	2,56,080.00	-45,939.00
			1.1.2.6 - MOOCs and digital learning	JAWAHARLAL NEHRU GOVERNMENT ENGINEERING COLLEGE [jngec2015]	12,000.00	14,386.00	0.00	0.00	8,800.00	12,000.00
			1.1.2.7 - Mentoring/Twinning system	JAWAHARLAL NEHRU GOVERNMENT ENGINEERING COLLEGE [jngec2015]	3,00,000.00	4,26,286.00	0.00	7,290.00	2,32,357.00	2,92,710.00
			1.1.2.8 - Reforms and governance	JAWAHARLAL NEHRU GOVERNMENT ENGINEERING COLLEGE [jngec2015]	12,00,000.00	13,91,792.00	0.00	0.00	13,14,520.00	12,00,000.00
			1.1.2.9 - Management capacity development	JAWAHARLAL NEHRU GOVERNMENT ENGINEERING COLLEGE [jngec2015]	1,00,000.00	2,23,033.00	0.00	0.00	30,194.00	1,00,000.00
			1.1.3 - Operating costs	1.1.3.1 - Consumables	JAWAHARLAL NEHRU GOVERNMENT ENGINEERING COLLEGE [jngec2015]	1,10,000.00	15,446.00	0.00	0.00	10,000.00
		1.1.3.2 - Operation & maintenance of equipments		JAWAHARLAL NEHRU GOVERNMENT ENGINEERING COLLEGE [jngec2015]	1,00,000.00	4,51,086.00	0.00	0.00	4,51,086.00	1,00,000.00
		1.1.3.3 - Office expenses		JAWAHARLAL NEHRU GOVERNMENT ENGINEERING COLLEGE [jngec2015]	1,10,000.00	4,40,596.00	13,338.00	13,338.00	1,89,027.00	96,662.00
		1.1.3.4 - Meetings		JAWAHARLAL NEHRU GOVERNMENT ENGINEERING COLLEGE [jngec2015]	1,50,000.00	7,80,994.00	65,068.00	1,17,492.00	4,26,594.00	32,508.00
		1.1.3.5 - Hiring of vehicles		JAWAHARLAL NEHRU GOVERNMENT ENGINEERING COLLEGE [jngec2015]	15,000.00	29,040.00	0.00	0.00	20,540.00	15,000.00
		1.1.3.6 - Travel cost		JAWAHARLAL NEHRU GOVERNMENT ENGINEERING COLLEGE [jngec2015]	1,00,000.00	4,51,104.00	42,531.00	95,590.00	1,62,857.00	4,410.00

26. Internal Revenue generated

Revenue earned during the financial year 2019-20 by the institute from various sources in Rs.

Fee from Students	39353350
Interest income	857018
Total	40210368

