



DEPARTMENT OF CIVIL ENGINEERING GURU NANAK DEV ENGINEERING COLLEGE

EXTENDS HEARTIEST WELCOME
TO
NAAC PEER TEAM

About CED

Established in 1956

Accredited thrice by National Board of Accreditation (NBA)

Supported under TEQIP and FIST funding by the World Bank and DST, GOI respectively

35th chapter of Indian Geotechnical Society, New Delhi

Vision and Mission

Vision

To establish an outstanding centre of regional and national reputation for providing quality engineering education to the students from the rural area of Punjab, excellent research and services to the professional and the community; to produce quality civil engineers; and to employ principles of continual quality improvement to enhance its programme and faculty.

Mission

- To serve the people of Punjab and the country by providing a broad and high quality education to its students for a successful professional career.
- To conduct strong basic and applied research for national needs.
- To serve the construction industry; civil engineering profession and rural community through dissemination of knowledge and technical services.

Programmes

Under Graduate Programme	Starting Year	Present Intake
B.Tech (Civil Engineering)	1956	120
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Post-Graduate Programmes	Starting Year	Present Intake
Structural Engineering (Regular)	1999	25
Geotechnical Engineering (Regular)	2001	18
Environmental Science & Engineering (Regular)	2009	18
Soil Mechanics & Foundation Engineering (Part-Time)	1981	13

Programmes

Doctoral Programme	Starting Year
Ph.D. (Approved Research centre-PTU)	2007
Ph.D. (Declared QIP Centre- AICTE)	2011

Job Oriented Programme

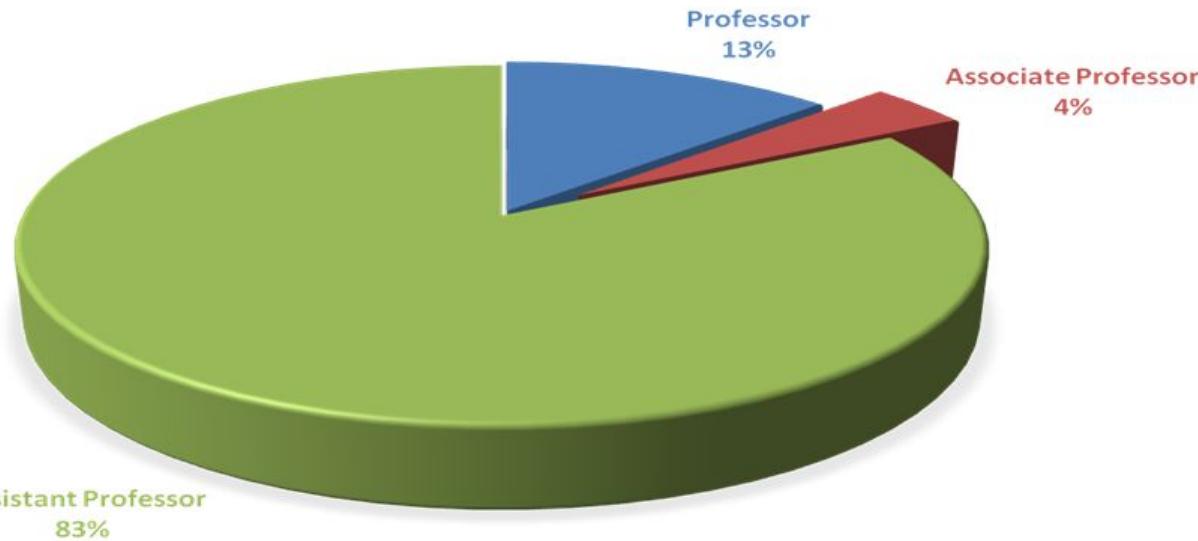
Course Name	Duration	Type
Analysis & Design of RC Buildings	6 Months	Certificate course

Staff and Infrastructure

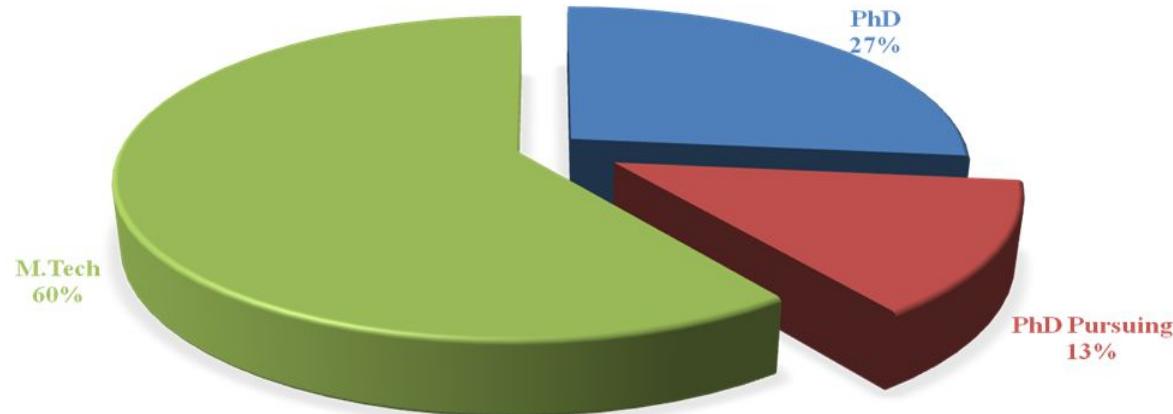
Staff Strength-Teaching and Non Teaching

Sr. No.	Designation	Number
1	Professor	04
2	Associate Professor	01
3	Assistant Professor	25
4	Draftsman	01
5	Technician	01
6	Clerk	01
7	Lab Attendant / Attendant	08

Faculty Details



Faculty Qualification



Facilities

Room Description	Numbers
Laboratories	10
Total Class Rooms	12
Class Rooms (ICT enabled)	07
Departmental Library (ICT enabled)	01
Seminar Hall (ICT enabled)	01
Meeting Room (ICT enabled)	01
Faculty Rooms	26

Laboratories

Sr.No.	Name of Laboratory	Area (sq.ft.)	Office Incharge
1	SOM Laboratory	2700	Jagbir Singh
2	Concrete Technology Laboratory	2000	Jagbir Singh
3	Surveying Laboratory	1500	Gurpuneet Singh
4	Geotechnical Laboratory	1500	Gurdeepak Singh
5	Transportation Engineering Laboratory	600	Prashant Garg
6	Structure Laboratory	1200	Harpal Singh
7	Heavy Testing Laboratory	2150	Harvinder Singh
8	Computational Laboratory	900	Inderpreet Kaur
9	Environmental Engineering Laboratory	1170	Puneet Pal Singh
10	Advanced Environmental Engg. Laboratory	600	Sukhwinderpal Singh
11	Model Laboratory	900	Bhupinder Singh Walia



Well Equipped Laboratories





Structure Lab



Strength of Materials Lab



Concrete Technology Lab



Transportation Lab



Survey Lab



Geotechnical Lab



Computational Lab



Model & Geology Lab



Environment Lab



Advanced Environment Lab

Departmental Library

Description	Number
Total Volume	551
Total Titles	505
Journals	61
CDs	20
IS Standards	132
M.Tech Theses	380
Proceedings	27

Research and Development (Since 2015)

Description	Number
Ph.D. Awarded	09
Patents Filed	03
Ph. D. Pursuing	04
Publication in Journals	<u>77</u>
Publication in International and National Conference	<u>91</u>
RPS and Research Project	04
Research Projects (ongoing) (NHAI, Traffic Safety, Water Treatment)	03
Book Published/Edited	<u>05</u>
Programmes organised (International/National)	11

Programmes Organised - National (Since 2015)

Name of Programme	Type of Programme	Association/Sponsorship	Year
Numerical and Physical Modelling	Workshop	IGS-Ludhiana Chapter and TATA Structura	2015
Solid Waste Management in Indian Cities-Issues & Concerns	FDP	TEQIP-II	2016
Green Buildings and Techniques	STC	NITTTR, Chandigarh	2018
Analysis and Design of RC Buildings	STTP	AICTE	2019
Efficient, Trackable and Sustainable Workflow	SDT	TEQIP-III	2020
Efficient, Trackable and Sustainable Workflow (2 nd Run)	SDT	TEQIP-III	2020

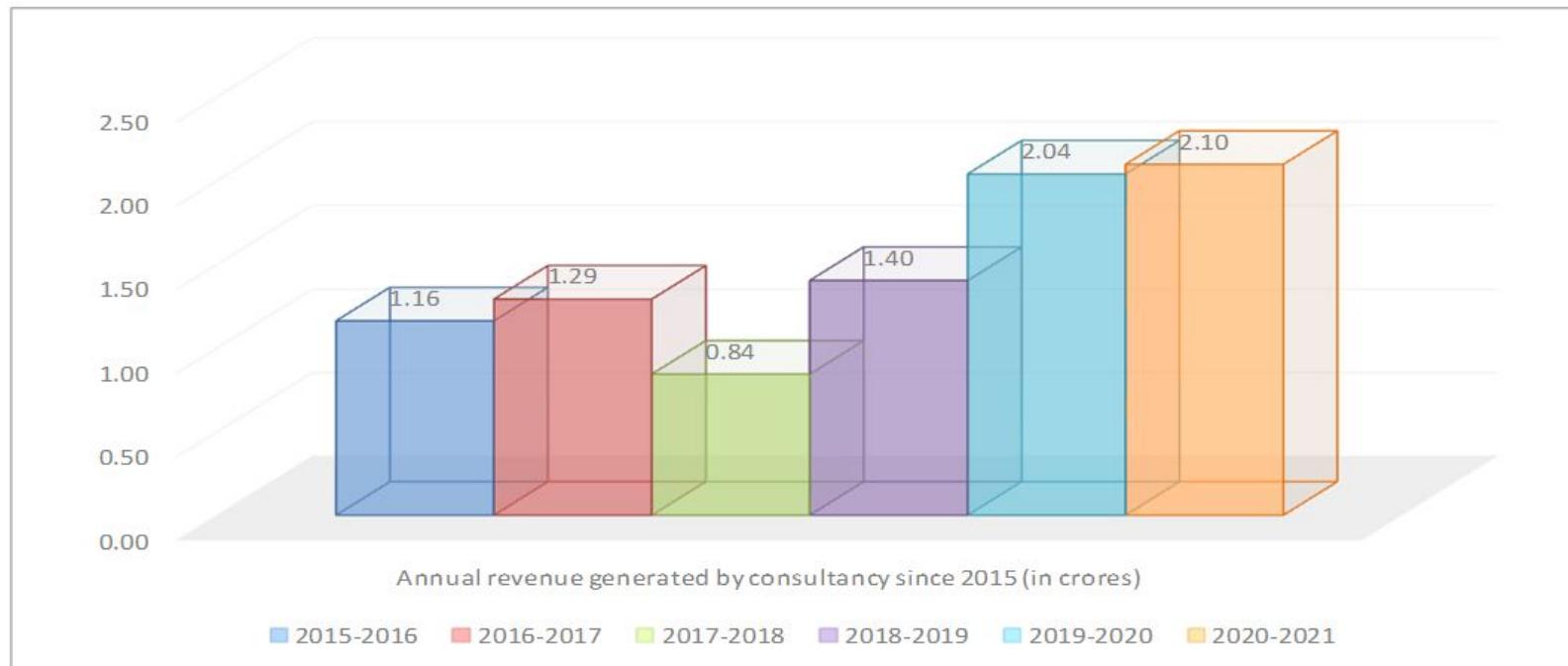
Programmes Organised-International (Since 2015)

Name of the Programme	Conference/Workshop	Association/Sponsorship	Year
3 rd UKIERI Concrete Congress : Innovations in Concrete Construction	International Congress	NIT Jalandhar & Dundee University, Scotland	2015
Geotechnical Investigations and Ground Improvement with Geo-synthetics for Structural and Construction Engineers	Training	Edith Cowan University, Australia and sponsored by IGS-Ludhiana Chapter & TATA Tiscon	2015
Sustainable Waste Management through Design	International Conference	IGS-Ludhiana Chapter & Institution of Engineers	2018
4 th UKIERI Concrete Congress: Concrete – The Global Builder	International Congress	NIT Jalandhar & GNDEC	2019
Sustainable Development through Engineering Innovations	International Congress	IGS-Ludhiana Chapter & Institution of Engineers	2020

Grants Received (Since 2015)

Type	Organisation	Amount
Research	UGC	31.5 Lakh
Research	AICTE	10.5 Lakh
Research	Private Companies	4.5 Lakh

Consultancy

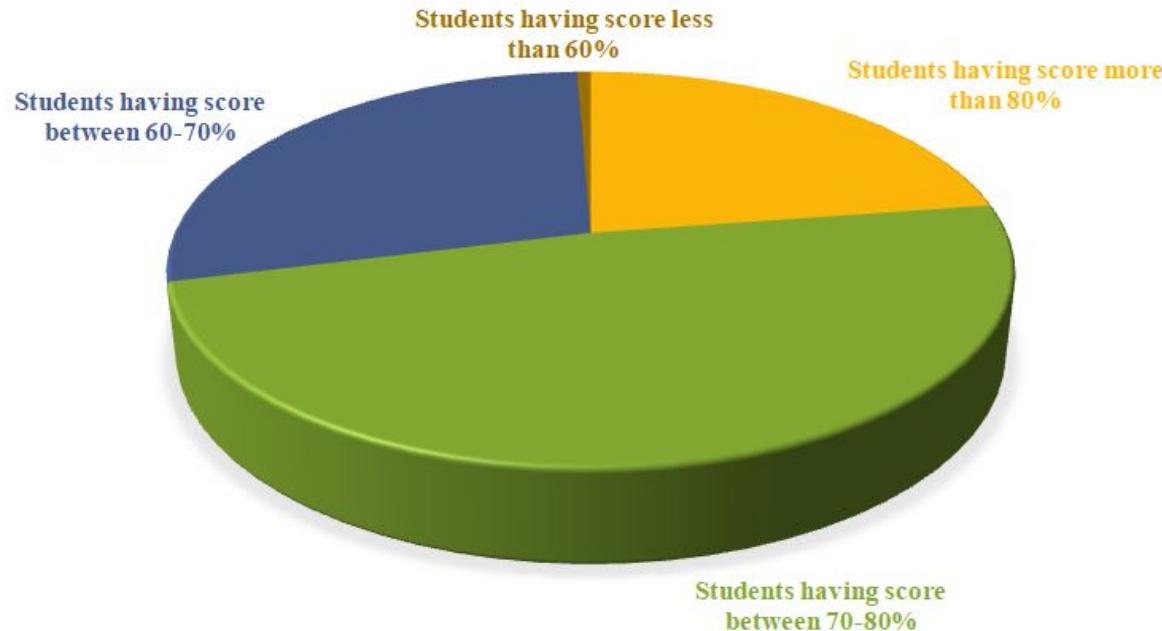


Collaborations

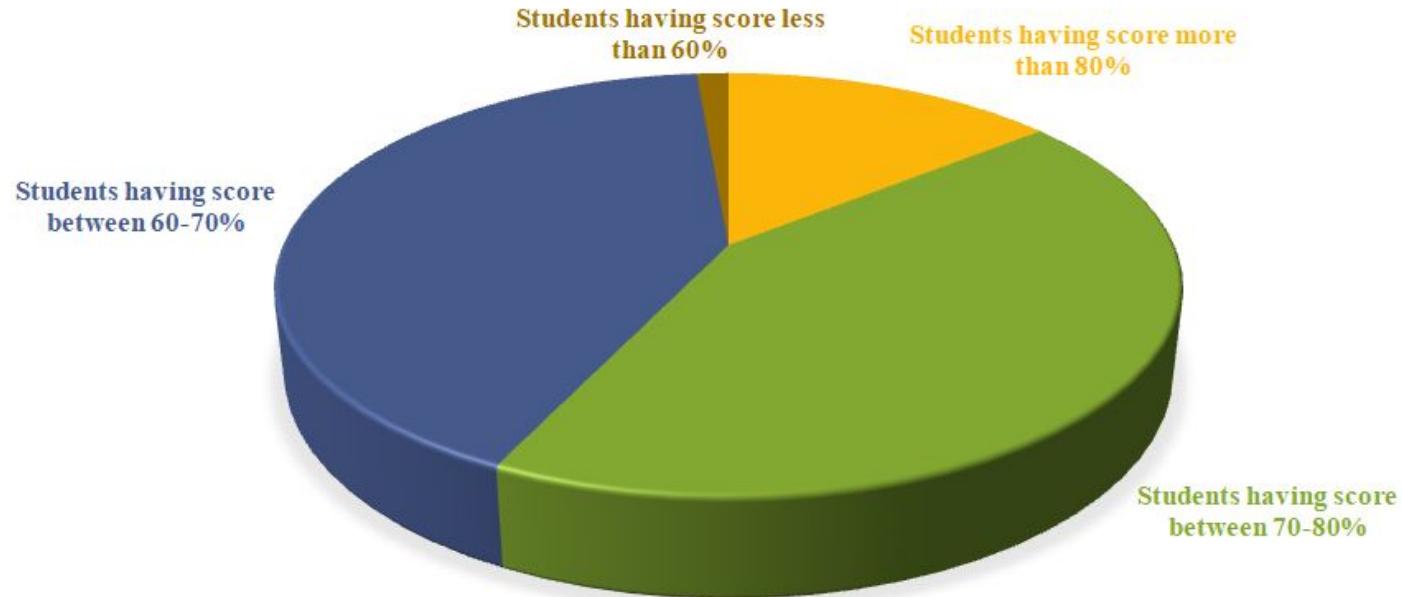
International Organizations/Institutes	Status
Waikato Institute of Technology (Wintec), New Zealand	Ongoing
UKIERI Concrete Congress	Ongoing
University of Dundee, United Kingdom	Completed
National/State Organizations/Institutes	Status
Dr. B. R. Ambedkar National Institute of Technology (NIT), Jalandhar	Ongoing
The Institution of Civil Engineers (India)	Ongoing
National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh	Completed
Punjab Remote Sensing Centre, Punjab Agricultural University (PAU), Ludhiana	Ongoing
National Highway Authority of India (NHAI)	Ongoing
Center of Excellence – Punjab Road Safety and Traffic Management (Punjab Police)	Ongoing
Industrial Organizations	Status
Ambuja Knowledge Centre	Ongoing
MRH Associates (TATA TISCON)	Ongoing
Deepak Builder	Completed
Department of Information Technology, Government of India	Completed

STUDENTS' PERFORMANCE

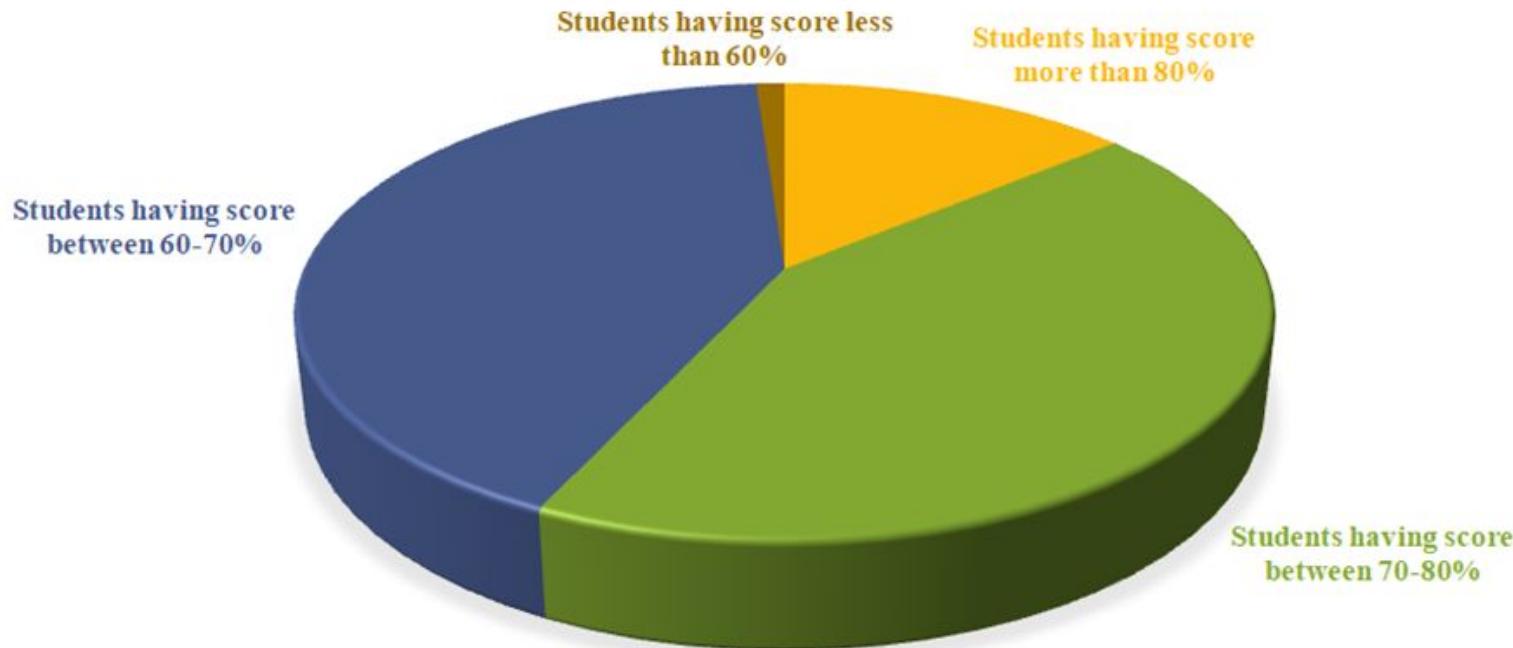
Result Analysis (Batch 2016-2020)



Result Analysis (Batch 2015-2019)



Result Analysis (Batch 2016-2020)



Prominent Alumni

Prominent Alumni

Well placed alumni in various Govt. Departments and private sector at rank of chief engineer, DGM, DIG, Director/Principal, Olympian, Design Consultants.

Name	Batch	Designation	Organization
Er. Sanpreet Singh Gill	2008	Environmental Scientist	Applied Environmental Inc.
Dr. Kamaljit Singh	1996	Research Associate	Department of Earth Science and Engineering
			Imperial College London, UK
Er. Sanjay Bhalla	1988	Vice President at Mapei	Past: SIKA as a Country Head
Er. Girdhari Lal Goel	1982	Chief Engineer	Indian Railways

Name	Batch	Designation	Organization
Er. T.S. Chahal	1981	Chief Engineer, PWD, B&R	Punjab
Er. Jagmohan Syal	1979	CEO, M/S IUP Jindal Metals and Alloys Ltd	New Delhi
Er. Sukh Dhaliwal	1979	Member of Parliament	Canada
Er. Nazar Singh Manshahia	1978	Former Senior Environmental Engineer	Punjab Pollution Control Board
			MLA From Mansa, Punjab
Er. Manjit Singh Saini	1977	Ex.Chief Engineer, Indian Railways	Indus Consultants Pvt. Ltd.Gurgaon
		Owner/ Managing Director	
Er. Rajnish Calay	1975	Professor, University of Tromso	Norway

Recent Alumni at National Front



Shubham Sharma
IES (AIR-26) - 2018



Vishal Bhola
IES (AIR-69) -
2018



Akashdeep Singh
IES (AIR-12) - 2019



Arjun Sharma
IES (AIR 42)-2020

Alumni in Defence



Hargurdeep Singh
Indian Army
(Batch 2007-2011)



Gurmehar Singh
US Army
(Batch 2008-2012)



Simranjit Singh
ITBP
(Batch 2011-2015)



Saravjeet Singh
Indian Navy
(Batch 2015-2019)



Sudeep Singh
Indian Army
(Batch 2015-2019)

Alumni at International Front



Sukh Dhaliwal
Member of Parliament, Canada
(Batch 1979-1983)



BP Singh
Managing Director,
Nirmolak Consultancy
Services, Toronto,
Canada
(Batch 1979-1983)



Gurpreet Singh Sohal
Regional Practice Lead
Bridges West in WSP, Canada
(1997-2001)



Amandeep Singh
Actor in Hollywood Movies
(Batch 2010-2014)

Alumni at International Front



Mandeep Kaur Arora
Systems Delivery Manager at
SNC Lavalin, Canada
(Batch1997- 2001)



BP Singh
Managing Director,
Nirmolak Consultancy
Services, Toronto,
Canada
(Batch 1979-1983)

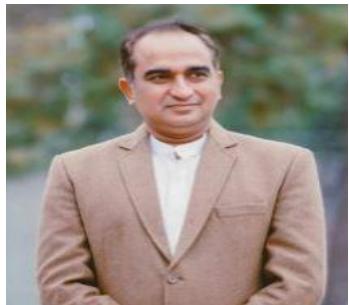


Gurpreet Singh Sohal
Regional Practice Lead
Bridges West in WSP, Canada
(1997-2001)



Amandeep Singh
Actor in Hollywood Movies
(Batch 2010-2014)

Prominent Alumni



Dr. Navdeep Asija
Traffic Advisor to
Government of Punjab
(Batch 1994-1998)



Daljeet Singh Sidhu
Sub Divisional Engineer
Punjab PWD Building and
Roads
(Batch1991-1993)



M Sodhi
Executive Director
NHIDCL, Sikkim
(BE 1976-1980)



Col Harmandeep Singh
Part of Task force bomb
disposal at Taj Hotel in 2008

Prominent Alumni



Dr. Rajinder Ghai,
Executive Engineer,
Water Resources
Department, Govt. of
Punjab, Chandigarh



Inderjit Ghai
Managing Director at
General Highways and
Infracon Private Limited,
Chandigarh (Batch
1981-1985)



T S Chahal
Chief Engineer
Public Works Department
(Batch 1981-1985)



Harshant Verma
SDO, Irrigation
Department, Punjab
(Batch 2012-2016)

Good Initiatives/Practices

Good Initiatives/Practices- Student

- Online attendance -Visible to students/parents
- Inclusion of students in their final assessment
- Mentoring and Remedial Classes
- Use of ICT facilities in the classrooms
- Self learning -useful links available website
- Experts lecture/Field visits/Movies on typical Civil Engineering Construction
- Celebration of Engineers Day and Teachers Day etc
- Farewell to final year students by the department
- Student chapter of Civil Engineering Department ([Association of Civil Engineering Students - ACES](#))
- Augmentation of Research Facilities

Good Initiatives/Practices- R & D

- Yearly Technical Seminar/ Conference/ Workshop/ STTP
- Peer review Ph.D. and M. Tech thesis
- Display of faculty publications (journal)
- Compulsory Plagiarism checking as a part of thesis evaluation
- Booklets on Good Concrete Practices- Departmental library
- Interaction with professional bodies-IGS Ludhiana Chapter
- Training to field engineers
- Member from Industry/Alumni - BoS
- Setup of Punjab Road Safety and Traffic Laboratory – A joint initiative of Punjab Police and Guru Nanak Dev Engineering College, Ludhiana
- MoU with local construction industry-Training of students

A GLIMPSE AT THE RECENT TECHNICAL EVENTS





A GLIMPSE AT STUDENTS' RECENT ACTIVITIES





A GLIMPSE AT STUDENTS' ACTIVITIES

A Glimpse at Students' Activities



A Glimpse at Students' Activities

Guru Nanak Dev Engineering College, Ludhiana
ASSOCIATION OF CIVIL ENGINEERING STUDENTS

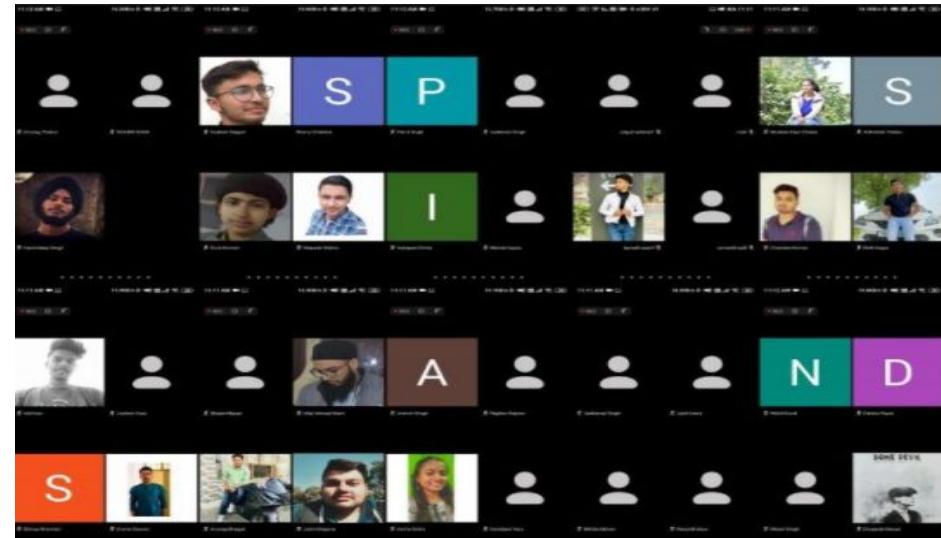
WEBINAR
ON
"GETTING STARTED
WITH GIT AND GITHUB"

Use your time to learn something new in this time of
World Pandemic through E-Learning Webinar

On Sunday, September 27, 2020
at 11 a.m.




Speaker
Amanjot Singh
Student, Developer and Tech Enthusiast



GURU NANAK DEV ENGINEERING COLLEGE,
LUDHIANA
I-GNEZ

DESIGN MANIA



A Glimpse at Students' Activities



GURU NANAK DEV ENGINEERING COLLEGE
LUDHIANA

ASSOCIATION OF CIVIL ENGINEERING STUDENTS

FREECAD

**THE
"DESIGNING CONTEST"**

**USE YOUR FREE CAD SKILL TO ENHANCE
YOUR MIND AND PERFORMANCE**

Logos for Guru Nanak Dev Engineering College and Association of Civil Engineering Students (ACES) are visible at the top of the poster.



A Glimpse at Students' Activities



**Guru Nanak Dev
Engineering College,
Ludhiana**

i-GNEz

**BRIDGE
CONSTRUCTOR**

LIVE WEBINAR ON

DURABILITY OF CONCRETE



WEDNESDAY MAY 26, 2021 | 11AM TO 12PM

IN CONVERSATION WITH

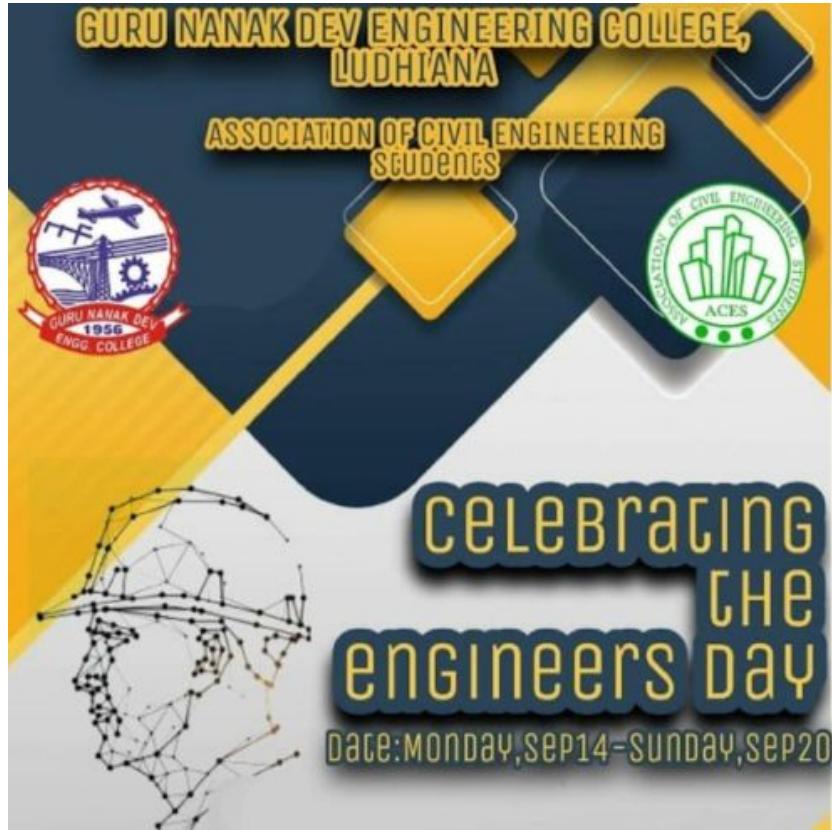
Mr Vikas Malhotra
Zonal Head
Customer Technical Services Department



ORGANISED BY:
DEPARTMENT OF CIVIL ENGINEERING,
GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA

IN ASSOCIATION WITH JK CEMENT LTD.

A Glimpse at Students' Activities



CED in News

Two-day international conference on waste management through design

RUBY DHAWAN
Ludhiana, November 3

Disposal of industrial and agricultural waste in a sustainable manner is a herculean task before the engineers/technocrats. To address the issue a two day International Conference on "Sustainable Waste Management through Design" is being organized by Department of Civil Engineering, Guru Nanak Dev Engineering College, Ludhiana.

Dr K S Gill, Professor & Head, Civil Engineering Department, GNDEC, in his introductory speech highlighted the relevance of this conference quoting the current stubble burning problem in this part of north India. He also emphasized the multidisciplinary role of engineers to find a viable solution



will enable different researchers and practitioners to exchange their experience and share best practices for sustainable development.

ability is the need of an hour.

He congratulated Civil Engineering Department, GNDEC for bringing a much needed topic of concern in the form of this two day International Conference. He further highlighted that this event

key note lectures during the inaugural session include, Er M I S Saini, Founder, Indus Consultants Pvt Ltd., Dr G L S Babu, President, Indian Geotechnical Society, Dr J N Jha, Principal, MIT Muzaffarpur, Dr Kaushik Bandyopadhyay from Jadavpur University, Dr Raj Calay from Norway and Dr S S Malik from Pune.

Organizing Secretary, Dr Jagbir Singh, welcoming all delegates outlined that the conference aims to provide a unique opportunity to highlight recent advances, new directions, and opportunities for sustainable and resilient approaches to design and protect infrastructure and the environment. Dr H.S. Rai, Dean consultancy, proposed the vote of thanks.

TRAINING FOR STRUCTURAL ENGINEERS

Ludhiana: A five-day training programme on 'Analysis and Design of RC buildings: Concepts and Practice' started at Guru Nanak Dev Engineering College. The course is being conducted by the Civil Engineering Department of the college, under the Quality Improvement Programme of the AICTE, to develop the necessary structural design skills in the faculty and research scholars participating in the training programme. Head of the Department, Professor KS Gill, extended a warm welcome to the delegates and briefed the audience about the programme and other associated activities. Faculty coordinator Dr Harvinder Singh said the course aimed at upgrading the skills of the participants to come up with better structural systems and help the local community build better and sustainable houses. On the first day of the course, experts apprised the participants of new developments in the geotechnical investigations. More than 35 participants from academia and practicing structure engineers are attending this course.

ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਇੰਜੀਨੀਅਰਿੰਗ ਕਾਲਜ ਵਿਚ ਦੋ ਦਿਨਾਂ ਅੰਤਰਰਾਸ਼ਟਰੀ ਕਾਨਫਰੰਸ



ਇੰਜੀ ਅੰਮ ਆਈ ਅੰਸ ਸੇਟੀ
ਸੇਸ਼ਨਾਵ, ਇੱਕ ਕਿਸਲਰੀ ਸ
ਪਾਂਡਾਵੇਟ ਲਿਮਿਟਿਡ, ਭਾਵ
ਕੀ ਅੰਮ ਅੰਸ ਬਾਅਦ, ਪਾਂਡਾ
ਵਿੱਕਾਗਲ ਜਿਉਂਦੇ ਕਾਨੂੰਨੀ ਕਾਨੂੰਨ
ਸਸ਼ਾਇਟੀ, ਭਾਵ, ਸੈਨਾਨ
ਪਿੰਸ਼ੀਪਲ, ਅੰਮ ਆਈ ਟੀ
ਹੁੰਦੇ ਹਨ, ਭਾਵ ਅੰਸ ਅੰਸ ਮਿਲਿਕ
ਪੁਣੇ ਨੂੰ ਲੈ ਅਪਣੇ ਪੱਤਰ ਦੇ
ਕੁਜੀਤ ਵਿਚਾਰ ਸਾਡੇ ਕੀਤੇ।

CED in News



ਦੋਖੀਤਾਵ ਦੋਹਾਨ ਛਿਚਾਵ ਸੋਝੇ ਕਥਾਵੇ ਹੋਏ ਮਾਹਿਵ ।

‘ਕੰਕਰੀਟ ਦੀ ਹੰਦਣਸਾਰਤਾ’
ਵਿਸ਼ੇ ’ਤੇ ਕਰਵਾਇਆ ਵੈਬੀਨਾਰ

ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਕਾਲਜ ਵੱਲੋਂ ਵੈਖਿਨਾਰ

ਲੁਧਿਆਣਾ: ਬਿਲਡਿੰਗਾਂ ਦੀ ਸਹਿਰਤਾ ਅਤੇ ਲੰਮੀ ਉਮਰ ਦੀ ਮਹੱਤਤਾ ਨੂੰ ਧਿਆਨ ਵਿਚ ਰੱਖਦੇ ਹੋਏ, ਗਾਰੂ ਨਾਨਾ ਦੇਵ ਇੰਜੀਨੀਅਰਿੰਗ ਕਾਲਜ, ਲੁਧਿਆਣਾ ਦੇ ਪ੍ਰੈਸ਼ਰ ਅਤੇ ਹੌਂਡ ਭਾ. ਹਰਦੀਪ ਸਿੰਘ ਰਾਇ ਦੀ ਅਗਵਾਈ ਹੇਠ ਸੋਕੇ ਸੋਮੈਟ ਦੇ ਸਹਿਯੋਗ ਨਾਲ 'ਕੰਬਰੀਟ ਦੀ ਹੰਦੁਸਟਰੀਅਰਡ' 'ਤੇ ਵੇਬਿਨਾਰ ਕਰਵਾਇਆ ਗਿਆ। ਕੋਆਰਡੀਨੇਟਰ ਪੈ. ਯੁਵਰਾਜ ਸਿੰਘ ਨੇ ਕਿਹਾ ਕਿ ਇਹ ਜ਼ਰੂਰੀ ਹੈ ਕਿ ਆਸੀਂ ਕੰਬਰੀਟ ਦੀ ਹੰਦੁਸਟਰੀਅਰਡ ਨੂੰ ਪੜਾਵਿਤ ਕਰਨ ਵਾਲੇ ਕਾਰਨਾਂ ਅਤੇ ਵੇਰਵਿਆਂ ਵੱਲ ਧਿਆਨ ਦੇਣੇ। ਮਾੜੀ ਉਸਾਰੀ ਕਾਰਜਾਂ ਦੇ ਨਤੀਜੇ ਵਜੋਂ ਹੈਣ ਵਾਲੇ ਵੱਡੇ ਮੁੰਨੀਤ ਅਤੇ ਰੱਖ-ਗਵਾਵ ਦੇ ਨੁਕਸਾਨ ਤੇ ਬਚਿਆ ਜਾ ਸਕੇ। ਭਾ. ਜਾਗਰੂਕ ਸਿੰਘ ਨੇ ਉਕਤ ਵਿਵੇਂ ਦੀ ਮਹੱਤਤਾ ਅਤੇ ਸਾਰਥਕਤਾ ਦਾ ਜ਼ਿਕਰ ਕੀਤਾ। ਜੀਅਨੈਂਡੀਓਸੀ ਦੇ ਪ੍ਰਿਸ਼ੀਪਲ ਭਾ. ਸਹਿਜਪਾਲ ਸਿੰਘ ਨੇ ਪ੍ਰਬੰਧਕਾਂ ਨੂੰ ਉਨ੍ਹਾਂ ਦੇ ਸਫਲ ਯਤਨਾਂ ਲਈ ਵਧਾਈ ਦਿੱਤੀ। ਅਥੀਰ ਵਿੱਚ ਪੈ. ਯੁਵਰਾਜ ਸਿੰਘ ਨੇ ਇਸ ਪ੍ਰੋਗਰਾਮ ਨੂੰ ਸਫਲ ਬਣਾਉਣ ਲਈ ਸਮੂਹ ਭਾਗੀਦਾਰਾਂ ਅਤੇ ਪਤਵਰਿਆਂ ਦਾ ਪੱਧਵਾਦ ਕੀਤਾ। **ਖੇਡਰੀ ਪੜੀਨਿਧ**

• ਖੇਤਰੀ ਪ੍ਰਤੀਨਿਧ



ਲੁਧਿਆਣਾ, 28 ਮਈ
(ਵਿੰਚੀ) -ਗੁਰੂ ਲਾਲਾਂ ਦੇਵ
ਇਸ਼ਨੀਅਰਿੰਗ ਕਾਲਾਂ ਦੇ
ਵਿਡਾਂ ਇੰਡੀਆ
ਵਿਡਾਂ ਇੰਡੀਆ
ਪੇ. ਅਤੇ ਪ੍ਰਮੋਤੇ, ਭਾ. ਐਨ੍. ਨੇ
ਅਮ. ਰਾਏ ਦੇ ਕੁਸ਼ਲ ਮਾਰਗ
ਦਰਸ਼ਨ 'ਚ ਸੰਭਚਨਾਵਾਂ ਦੀ
ਸਹਿਰਤਾ ਦੇ ਮੱਹਰੰਗ
ਪਿਆਨ ਵਿਚ ਹਿੱਥੇ ਹੋ ਜੇ
ਕਿ, ਸੀਨੀਅਰ ਫਿਸ, ਸੰਹਿਰੰਗ
ਨਾਲ 'ਕ੍ਰੋਕਟ ਦੀ ਸਹਿਰਤ'



ਸੰਮੀਨਾਰ 'ਚ ਭਾਗ
ਲੈਂਦਾ ਵਿਦਿਆਰਥੀ

ਤੇ ਇਕ ਵੈਖੀਨਾਰ ਦ
ਆਖੋਜਨ ਕੀਤਾ।

ਕੁਆਰਡੀਨਟਰ
ਯੁਵਰਾਜ ਸਿੰਘ

ਪ੍ਰਤਾਪਾਂਗਾਂ ਨੂੰ ਸਥਾਪਨ
ਕਰਦਿਆਂ ਕਿਹਾ ਕਿ ਸਥਿਰਤਾ

ਨੂੰ ਬੜਾਵਾ ਦੇਣ ਅਤੇ
ਸਿਰਜਣਾ ਵਿਗਾੜਨ ਵਾਲੀ
ਖਰਾਬ ਨਿਰਮਾਣ ਪ੍ਰਬਾਹੀ
ਕਾਰਨ ਹੋਣ ਵਾਲੀ ਭਾਰੀ
ਮਰੀਂਤ ਅਤੇ ਸਾਂਡ-ਸੈਕਾਲ ਦੇ

ਨੁਕਸਾਨ ਤੋਂ ਬਚਣ ਲਈ ਕੰਝੀਟ ਦੀ
ਸਥਿਰਤਾ ਨੂੰ ਪ੍ਰਾਵਿਤ ਕਰਨ ਵਾਲੇ
ਵੇਖਿਆਂ ਅਤੇ ਕਾਰਕਾਂ 'ਤੇ ਗੈਰ ਕਰਨਾ
ਮਹੱਤਵਪੂਰਨ ਹੈ।

ਜੇ. ਕੇ. ਸੀਮੇਟ ਦੇ ਮਹਿਰ ਵਿਖਾਅ ਲਭੇਹਤਾ ਨੂੰ ਆਪਣੇ ਗਿਆਨ ਨੂੰ ਸੰਭਾ ਕਰ ਕੇ ਪ੍ਰਤੀਵਾਕੀਆਂ ਦੇ ਵਿਆਨ 'ਚ ਵਧਾ ਕੀਤੀ। ਕੰਬਿਟ ਦੇ ਗੁਣਾਂ ਅੰਤੇ ਵਿਦਾਰਾ 'ਤੇ ਵਿਸ਼ੇਸ਼ ਚਰਚਾਂ 'ਤੇ ਵਿਖਾਅ, ਉਨ੍ਹਾਂ ਨੂੰ ਓ. ਪੀ. ਸੀ. ਤੋਂ ਪੀ. ਪੀ. ਸੀ. ਦੇ ਉਪਰਾਲਾ ਦੇ ਗੁਣਾਂ 'ਤੇ ਵੀ ਚਰਚਾ ਕੀਤੀ।

जीएनडीईसी ने कंक्रीट की स्थायित्व पर कराया वेबिनार



Keeping in view the importance of sustainability and longevity of structures, civil engineering department of Guru Nanak Dev Engineering College, Ludhiana organised a webinar on 'durability of concrete' in association with JK Cement Ltd. Coordinator Prof Yuvraj Singh, while addressing the participants said it is vital to look into the details and factors affecting the durability of concrete in order to promote sustainability and to avoid huge repair and poor maintenance losses resulting due to early deterioration of structures. The expert from JK Cement, Yikas Malhotra besides detailed discussion on the properties and behaviour of concrete,

CED in News

Efficient green buildings need of the hour: Experts

TRIBUNE NEWS SERVICE

LUDHIANA, DECEMBER 17

Building construction and its upkeep for livable conditions requires huge energy in the form of lighting, air-conditioning, operation of appliances, etc. Green building ie energy efficient building is the one which can reduce energy consumption as compared to conventional building.

To address this issue a five day short term course on "Green Building and Techniques" from December 17-21, 2018 is being organised jointly by Department of Civil Engineering, Guru Nanak Dev Engineering College, Ludhiana and National Institute of Technical Teachers Training and Research, Chandigarh.

Dr K S Gill, Professor and Head, Civil Engineering Department, GNDEC, in his welcome speech highlighted the relevance

A five-day short-term course on 'Green buildings and techniques' was held at GNDEC

of this course quoting the current environmental issues. He further highlighted that this course will enable the participating teachers to learn new techniques being followed to turn buildings into green buildings.

A green building is one which uses less water, improves energy efficiency, conserves natural resources, generates less waste and provides healthier spaces for occupants as compared to a conventional building.

Dr Sehjpal Singh, Principal, GNDEC, said that constructing Green Building is the need of an hour and congratulated Civil

Engineering Department, GNDEC and NITTTR, Chandigarh for bringing a much needed topic in the form of this five day short term course.

Chief guest of the inaugural function Sanjay Goel, Director - Ludhiana Smart City Limited, graced the occasion. He congratulated Guru Nanak Dev Engineering College for providing quality engineers for the society.

Course Coordinator Himmi Gupta, Assistant Professor, NITTTR, Chandigarh said that during this five day long short term course, various topics including global environmental issues, concepts and importance of green buildings, its components and design, energy conservation building code, rating systems for green buildings and case studies will be discussed by eminent engineers and architects.

HINDUSTAN TIMES, JALANDHAR
TUESDAY, DECEMBER 18, 2018



A guest being honoured during the inaugural function of course on 'Green Buildings and Techniques' at Guru Nanak Dev Engineering College in Ludhiana on Monday.

HT PHOTO

Five-day course on 'Green buildings' starts at GNDEC

HT Correspondent

Ludhiana@hindustantimes.com

LUDHIANA: A five-day course on 'Green building and techniques' is being organised at Guru Nanak Dev Engineering College (GNDEC), Ludhiana.

The course, which began on Monday, is being organised jointly by the department of civil engineering, Guru Nanak Dev Engineering College (GNDEC), Ludhiana, and National Institute of Technical Teachers Training and

Research (NITTTR), Chandigarh.

K S Gill, head, civil engineering department, GNDEC, highlighted the relevance of the course quoting the current environmental issues.

He said the course will enable teachers to learn new techniques being followed to turn buildings into green buildings.

GNDEC principal Sehjpal Singh said constructing green buildings is the need of an hour. The chief guest, Sanjay Goel, director, Ludhiana Smart City

Limited, congratulated GNDEC for providing quality engineers for the society.

Course coordinator Himmi Gupta, assistant professor, NITTTR, Chandigarh, said during the five-day course, various topics, including global environmental issues, concepts and importance of green buildings, its components and design, energy conservation building code, rating systems for green buildings and case studies will be discussed by eminent engineers and architects.

Student Achievements

राष्ट्रीय स्तर की प्रतियोगिता में जी.एन.ई. के छात्र छाए

लुधियां, 25 फरवरी (विक्रो):

गुरु नानक देव इंजीनियरिंग विभाग के छात्रों ने 19वीं नील ट्रॉफी वैदिक डिजाइन प्रतियोगिता के दौरान तीसरा स्थान प्राप्त किया है। यह गणराज्य स्तर की प्रतियोगिता में इंडिया टॉप ऑफिसल डिजाइनर्स एंड ग्रीष्म द्वारा आयोजित की गई। इस गणराज्य स्तर की प्रतियोगिता में पूरे भारत से विभिन्न कालेजों और कालेजल यूनिवर्सिटीज की 87 टीमों ने 3 गुंज का सदा मुकाबला किया और कालेजल यूनिवर्सिटीज की कोकीशियां की। कृष्ण मुरगी, सतिरायन मिश्न, मिस्टर योंगली, जी.एन.ई., सिलिंग इंजीनियरिंग विभाग के छात्रों ने तीसरे स्थान प्राप्त किया। उन्होंने बताया कि पहले 3 गुंज के बाद टीप 16 टीमों को अंतिम टीर 4 एंकड़ के लिए चुना गया। अंतिम टीर



सफलता पाने वाले स्टूडेंट्स के साथ प्रबंधक।

के दौरान शीर्ष 16 टीमों ने फ्रैंटेनेशन के माध्यम से स्कूलल इंजीनियरिंग के क्षेत्र में प्रतिष्ठित हीरानीयों के आगे अपना प्रोजेक्ट प्रस्तुत किया। इनके बाद पूरे भारत ने इन गणराज्य स्तर को से 3 विजेता चुने गए और आर्कोक के लिए विजेता भी दिया गया। इस अवसर पर सिर्फ विभाग के प्रमुख, एन.एस. उहें भविष्य में भी इसी तरह मेहनत करने के लिए प्रोत्साहित किया। जी.एन.ई. के प्रिसोपल डा. सहबाल सिंह ने इन गणराज्य स्तर को बाद पूरे भारत में इन्हीं 87 टीमों में से 3 विजेता चुने गए और आर्कोक के लिए विजेता भी दिया गया। इस अवसर पर सिर्फ विभाग के प्रमुख, एन.एस.

गुरु नानक देव इंजीनियरिंग कालज दे विदियारब्धी ने बीता होलीहूँड सी फिल्म विच केम

लुधियां, सरधीरीड़ पलेसर, हुरु नानक देव इंजीनियरिंग कालज दे विदियारब्धी अमनलीप मिंथ ने होलीहूँड सी फिल्म रोटल भैंसी विच लीड होलीबी दे बीम्बी ते होए अंडवाली हमसिरां ते अपारत वै। इस विच अमनलीप मिंथ एक अंडवाली सिसदा नाम इमरान है दा लीड रोल रिहा है। अमनलीप मिंथ ने दिल्ली विच बहुत वैली फिल्म नाल होई है। इस फिल्म विच उसमूँह कटी महान कलाकारां नाल कीम बरन दा मेक्का पिलाला। मिंथ अनुज्ञा थें, देव पटेल, अरामी थैमर (एंटरटेनमेंट स्टार) अमनलीप विच कीम बरन दा मैक्का टाईम ते ही कलाकार गतीवारी होलीहूँड सी फिल्म रिहा। जी थेन ई विच पड़न दैरान ही अमनलीप ने कलाकार दे विदियारब्धी दुआरा डिआर बीड़ी गाई सारट फिल्म 'सिमेवार कंड' विच कीम बीता। उसमूँह बाबर अमनलीप ने कटी धनानीय विउजिक अंडे स्लाट फिल्म दे विच कीम बीता। उसमूँह बाबर अमनलीप ने देसिया विच कीम बरन दा बहुत दंडा रोल है। मिन्हां नाल उहें अंदर आउम विस्वास दा बहुत हापा होइਆ। अमनलीप मिंथ दे पिंडा रासिनिर मिंथ ने इस मेक्के खूसी जड़ाउंदे होए अपां खूंडर ते माट हो दी गील कीड़ा। मरिनपाल मिंथ, पुंजीपति जी थेन ई, ने अमनलीप ने उसी फिल्म दी कामजाबी लाई मुंबकारानां दिंडीआं अंडे रिहा विच कालज दे विदियारब्धी दा लिंग लेल उंड कपुंजीचाना जी थेन ई दीआं कलाकार गतिविधियां दे उचि थंपर दुः दरमाउंदीआं हन।



City youth secures AIR 12 in UPSC exam

Ludhiana: Akashdeep Singh, a former student of GNDEC (2016 batch), secured an all-India rank 12 in UPSC conducted Engineering Services Exam (ESE).



Akashdeep who is currently working as a management trainee (Civil) in Coal Limited, Bokaro, Jharkhand since February last year, couldn't express his happiness and was overwhelmed with his result.



GNDEC bhangra team gets selected for nationals

LUDHIANA: The bhangra team of Guru Nanak Dev Engineering College (GNDEC) was selected for the nationals. It had won the north zone inter-university youth fest and they had also won the 35th AIU Inter-University Youth Festival held at Guru Nanak Dev University, Amritsar from December 25 to 29. GNDEC team won in the folk

dance category wherein 22 performances were presented. They will be participating in the AIU National Youth Festival, 2020, that will be held at Amity University, Noida. The principal lauded the efforts of the students.

Student Achievements

कुदरती आपदा में पीड़ितों का सहारा बनेगी स्मार्ट हट

◆ जी.एन.ई. कालेज के सिविल इंजीनियरिंग ब्रांच के स्टूडेंट्स ने तैयार की हट

तुष्णयाना, 14 अप्रैल (मन्त्रीर) : स्पार्टा इन्डिया में अब लोगों के पास अन्यान्य स्थान हट जाएगा ताकि कैपिटल से लेकर कुदरती आपादा में इस्तेमाल कर सकेंगे। इसके साथ हट को स्थानीय आपादा ईंटरेंटी रोडरोड के रूप में भी प्रयाग का सकता है। इसे युग नाम देव इंडिनियरिंग कालेज के विद्यार्थियों ने बनाया है। यह इंजीनियरिंग ब्रांच के विद्यार्थी द्वारा बनाया गई एक स्मार्ट हट को चंडीगढ़ यूनिवर्सिटी में आयोगी टैक इंजीनियरिंग द्वारा जिले विधि विभाग द्वारा पूरी तरीके को 1 लाख रुपए की इनाम राशि से सम्पादित किया। यांग चंडीगढ़ रोडरोड सिंह की अध्यक्षता में इसे कालेज के विद्यार्थी सिद्धांशु यादव, चिंद्रजीत सिंह, रोमान सिंह, हरजात सिंह, सरदिरपाल सिंह, विपन कुमार, सुखरम सिंह ने तैयार किया है।



महज 25 मिनट में तैयार
हो जाती है स्मार्ट हटः

पल्यूमीनियम और पी.वी.सी. श्रीदास से बड़ी समृद्धि हट कर को 25 मिनट में तैयार कर सकते हैं। प्रयोग के लिए इसे बायपास डिस्पेलर टाल करने में केवल 5 मिनट का समय लगता है। 8 बाय फूट की रुबह हट से बायर से बायर प्रोप्ल द्वारा बायर से बायर का कहना है कि एक बायर प्रयोग करने उत्तरांत इसे दोबाया कर्द बायर फिर से इत्तमाल किया जा सकता है।

सिद्धार्थ ने कहा कि यह स्मार्ट हट आम लोगों के लिए जल्द बाजार में उपलब्ध होगा। इसके लिए प्रोजेक्ट को पैटेंट करवाया गया है। इकॉनो कीमत 14 हजार रुपए है। उन्होंने कहा कि जल्दतर के अनुसार इसे मोडिफाई कर सकते हैं। हट को तैयार करने में तीन दिन का समय लगता, जिसके बाद इसे बायर एंड अर्सेल द्वारा स्मार्ट हट खुद कर सकते हैं। उन्होंने कहा कि बाद, भूकंप आदि की स्थिति में रेस्क्यू ऑपरेशन दौरान इस हट का प्रयोग किया जा सकता है।

बाजार में आम लोगों के लिए उपलब्ध होगी स्मार्ट हट

सिद्धार्थ ने कहा कि यह स्मार्ट हट आम लोगों के लिए जल्द जारी रखा जाएगा और उपलब्ध होगा। इसके लिए प्रोजेक्टर को पैटेंट करवाया गया है। इसकी कॉर्टमात्रा 10 वर्षों तक रहा रुपए है। उन्होंने कहा कि जल्दीकरं के अनुसार उसे मार्डिकर कर सकते हैं। हाल ही में तायर करने में तीन दिन का समय लगाया, जिसके बाद उसे इसी भौतिक रूप से अप्रेशन द्वारा अवशेष बन दिया गया था। उन्होंने कहा कि बाद, भूकृप अदाय की चिन्हिणी वै रेकॉर्ड औप्रशंसन द्वारा इस हट का प्रयोग किया जा सकता।

GNDEC students build ₹14,000 Smart Hut

TRIBUNE NEWS SERVICE

LUDHIANA, APR.

Students of third year of civil engineering, Guru Nanak Dev Engineering College, have come up with a Smart Hut.

A group of seven students, comprising Sidharth Popli, Bhinderjeet Singh, Robin Singh, Harjot Singh, Satinderpal Singh, Vippan Kumar and Sukhchain Singh, won first prize of Rs 1 lakh in the 'Tech Invent' fest held at Chandigarh University.

The hut can be easily assembled and disassembled. "It takes 25 minute to assemble and five minutes to disassemble the hut. The total cost of the smart hut is around Rs 14,000," said Siddharth Popli.

"The hut is the best solution when one wants to go for camping and can also prove helpful during natural calamities such as earthquake," said Robin Singh.

"After winning second prize in innovation project at Kapurthala Science City on March 19, our guide Charanjit Singh saw our potential and helped us with another



Smart hut built by students of the GNDEC. TRIBUNE PHOTO

project. He guided us thoroughly during the project to be held at Chandigarh University," the team said.

Made of fiber sheets, the hut has a capacity to hold four or five people and has the facility of a light and a fan. It can prove to be the perfect solution for those who love adventure and will

Thanks for your attention....