

Name of the programme	Name of Course	Duration of Course	Number of seats sanctioned	Eligibility Criteria
B.Tech.	Civil Engineering	4	60	Passed 10+2 examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry/ Biotechnology/ Biology/ Technical Vocational subject. Obtained at least 45% marks (40% in case of candidates belonging to reserved category) in the above subjects taken together.



J.C. Bose University of Science & Technology, YMCA, Faridabad
(A Haryana State Government University)

(Established by Haryana State Legislative Act No. 21 of 2009 & Recognized by UGC Act 1956 u/s 22 to Confer Degrees)

Accredited 'A' Grade by NAAC



FORMAT for Program-Specific Career Options to be uploaded on HSEEC Council's Website:

1	Program of Study and its duration	B.Tech. (Civil Engineering) – 4 year program
2	MOU's and Collaboration for this program	03 MoU list attached. Also see website link: https://jcboseust.ac.in/civil/assets/uploads/media/2a3ca5b09b7c0a7db65b045c916459b9.pdf
3	Business Houses/Companies which visits Campus for recruitment	Not applicable as students are not passed out.
4	Details of Business Houses/Companies offering in-industrial projects/training	L&T, National Council for Cement and Building Materials.
5	Projects/training offered by University	Every student is doing 02 projects in a year.
6	Entrepreneurship Opportunities	Lectures are arranged for creating awareness.
7	Opportunities in Education Sector	Students are qualifying GATE Exam. for higher study from IIT/NIT.
8	Opportunities as Social Worker	Many subjects like Universal Human Values and Human Values and Professional Ethics are added to prepare for social service.
9	Opportunities in other Nations	Data not available.
10	Opportunities as an Academician	Research and Consultancy opportunities.
11	Opportunities for Nation Development	Mission of Dept. is to provide skilled manpower for Nation development.
12	Opportunities as Consultant	12 Completed project details attached. Also see link: https://jcboseust.ac.in/civil/assets/uploads/media/09e20f0680dd88098389652de39dc8ca.pdf
13	Opportunities for self-employment and How program leads to livelihood?	Constuction sector is second largest sector(after Agriculture).Lot of opportunities as

		opportunities as builder/engineer/consultant.
14	Role/Details of Specific Membership for the program(for eg. CII, AIMA, ISTE, IAA etc.)	Nil
15	Aptness of the program with future challenges	The course contents of the programme offer a wide range of applications in civil infrastructure development.
16	Can program contribute in rural development? How?	The course contents of the programme offer the design and provision of clean water supply, wastewater treatment and disposal, road development and low-cost houses.
17	Industrial Visits related to the program made by students	Industrial visit to Nahar Singh Cricket stadium, Faridabad, NCB Faridabad.


13.8.2021

Chairperson

Deptt. Of CivillEngineering

J C Bose University of Sc. & Technology Faridabad



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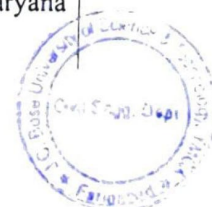
Accredited 'A' Grade by NAAC



MoU

Civil Engineering Department

Organization Name	Event Name	Date	Topic	Brief Report
Janak Positioning and surveying Systems Pvt Ltd	FDP- Technological Industrial Practices	1 June 2020	Expert Lecture: Overview of DGPS and Total Station	Sh. Janak Kumar Bhatia and his team demonstrated the application and hands on usage of Total Station Surveying Equipment to all the participants. He also emphasized that the use of these products finds increasing application for reduction in cost and time.
Janak Positioning and surveying Systems Pvt Ltd	Surveying Camp	January 16,2020	Training on Surveying Equipments	60 students were provided training in JCBUST YMCA ground by 02 company officials.
Janak Positioning and surveying Systems Pvt Ltd	Training on Total Station	July 10,2020	Zoom online traing to faculty.	03 faculty members were provided training alongwith other officials of Haryana State.



Ltd	Twinning Online Seminar on Challenges and Opportunities COVID 19	2020	and Opportunities COVID 19	Seminar on challenges and opportunities, COVID 19 Sh. Shekhar Gupta addressed the students and discussed the different challenges and opportunities that the coronavirus has brought in the society. He urged the students to come forward and contribute in different forms to society.
MAB CIVIL TECHNOLOGIES AND CONSULTANTS PVT LTD, New Delhi.	Consultancy	2.12.20 30.11.20		<p>Dec.2,2020(Consultancy2) Executive Engineer,Amethi Mandal,CPWD,Trishundi, Amethi (UP) regarding Construction of different type of buildings for CRPF, Recruit Training Centre. In response to your letter received for the consultancy work with reference to letter no. 23(2)/EE Amethi/2020/645 dated 25/11/2020, The fee for the above mentioned work will be Rs 6,30,000/- + GST @ 18% (Total Rs 7,43,400/-). The design of different type of buildings for CRPF, Recruit Training Centre, Trisundi, Amethi as per work order No.: 23(2)/EE Amethi/2020/645 will be processed in association with MAB CIVIL TECHNOLOGIES AND CONSULTANTS PVT LTD, New Delhi.</p> <p>30.11.2020(Consultancy1) Executive Engineer,PWD,NWR-1,Mukraba Chock Delhi,Rs. 125000+GST, Consultancy regarding 'Structural Design of RCC Storm Water Drainage' .It will be processed in association with MAB CIVIL TECHNOLOGIES AND CONSULTANTS PVT LTD, New Delhi.</p>
TechnoStruct	BIM Practical	15/4/202	Test	55 students appeared in the

	Trainings and placement to students.	1	conducted for Internship	test.
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MOU ACTIVITIES LIST

Activity: **MOU with Janak Positioning and Suveying Equipments P Ltd Delhi**

Name of department/ Section/ cell conducting the activity	Civil Engg. Department
In coordination with (if any)	Janak Positioning and Suveying Equipments P Ltd Delhi
Date of conduct	Jan 17,2020
Activity Coordinator	Chairman Civil Engg. JCBUST YMCA
Amount Spent	---
Funding/ grant from (University/ Industry/ UGC/ AICTE/ DST/ TEQIP	-----
Target audience	Free Equipment Servicing, Students Employment and Training
No. of beneficiaries	All students of Civil Engg.
Outside guests	Sh. Angad Bhatia,MD Janak Surveying and his team. Manager: Akash Kumar Mishra
Any other information	



Activity : **Skill Training in Surveying Camp**



Name of department/ Section/ cell conducting the activity	Civil Engg. JCBUST, YMCA
In coordination with (if any)	Janak Positioning and Suveying Equipments P Ltd Delhi
Date of conduct	January 17, 2020
Activity Coordinator	Prof. M.L.AGGARWAL
Amount Spent	Rs.5000/ --
Funding/ grant from (University/ Industry/ UGC/ AICTE/ DST/ TEQIP/ Outside Society/ agency/others (mention)	TEQIP
Target audience	Students
No. of beneficiaries	55
Outside guests	Sh. Angad Bhatia, MD Janak Surveying and his team., Manager: Akash Kumar Mishra, Sh.A K Zalpuri GM(Retd) BTPS
Any other information	-
Also attach good quality photographs	



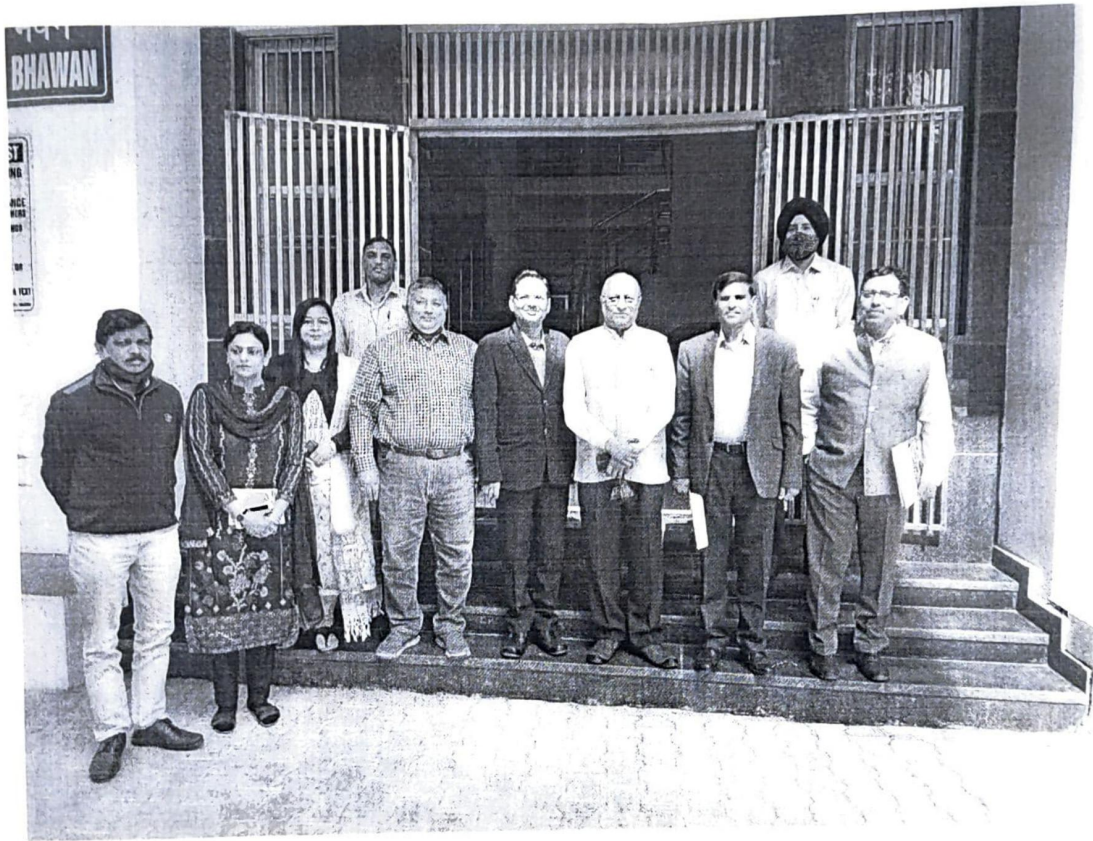
ACTIVITY REPORT FORMAT

1	Name of Activity (Title)	Sewage Treatment Plant
2	Type of Activity (FDP/Lecture/Technical/conference etc.)	Consultancy meeting with Field Engineers
3	Name of department/ Section/ cell conducting the activity	Civil Engg. Department
4	In coordination with (if any)	-
5	Date of conduct	19.2.2019
6	Name of Activity Coordinator (s)	Dr Rajni Saggi ,AP Civil Engg.
7	Amount Spent	--
8	Funding/ grant from (University/ Industry/ UGC/ AICTE/ DST/ TEQIP/ Outside Society/ agency/others (mention)	University

9	Target audience	10
1	No. of beneficiaries	10
0		
1	Name of Outside guests	Sh. Janak Raj, Chief Engineers PHD, President IBC - Sh.Pradeep Mittal, Dr N.K.Tiwary-Ex GM NCB,MAB Consultant official(2 No.)
1	Any other information	-
2		
1	Also attach two/ three good quality photographs	Enclosed
3		



Consultancy meeting with Field Engineers (19.2.2021)





J. C. Bose University of Science and Technology, YMCA, Faridabad
 (formerly YMCA University of Science and Technology)
 A State Govt. University established wide State Legislative Act. No. 21 of 2009
 SECTOR-6, FARIDABAD, HARYANA-121006
 Ph. 129-2310127 | email:proymcaust@gmail.com | web: www.jcboseust.ac.in



NEWS CLIPPING: 10.02.2021

SATYAJAY TIMES

जे.सी. बोस विश्वविद्यालय ने बीआईएम प्रौद्योगिकी को लेकर टेक्नोसट्रक्ट अकादमी से किया समझौता

फरीदाबाद, 09 फरवरी, सत्यजय टाइम्स/प्रिक्का। ऑनरेंट, इंजीनियरिंग और निर्माण उद्योग में तेजी से उभर रही विद्युत् इनफ्रेमैशन मॉडर्निटी (बीआईएम) प्रौद्योगिकी पर विद्यार्थियों को प्रशिक्षण तथा कार्य अनुभव प्रदान करने के उद्देश्य से जे.सी. बोस विश्वविद्यालय एवं प्रौद्योगिकी विश्वविद्यालय, चण्डीगढ़, फरीदाबाद ने निर्माण उद्योग में कार्यरत अमेरिकन कंपनी टेक्नोसट्रक्ट के शैक्षणिक उद्यम टेक्नोसट्रक्ट अकादमी के साथ समझौता किया है।

कुलसचिव डॉ. सुनील कुमार शर्मा और टेक्नोसट्रक्ट अकादमी के चैरमैन डॉ. प्रो. दिनेश कुमार को उद्देश्य से समझौते पर हस्ताक्षर किया। इस अवसर पर सिविल इंजीनियरिंग के विभागाध्यक्ष प्रो. एम.एन. अश्वथान, निदेशक इंडस्ट्री रिलेशन डॉ. गौरव गोपाली और टेक्नोसट्रक्ट अकादमी में पर्याप्त प्रोफेसर दिव्योशी भी उपस्थित थी। समझौते के अंतर्गत टेक्नोसट्रक्ट अकादमी द्वारा प्रशिक्षण एवं विकास कार्यक्रम के माध्यम से विश्वविद्यालय के



विद्यार्थियों को मुक्त पाठ्यक्रम तथा अंतरराष्ट्रीय परियोजनाओं पर काम करने का अनुभव प्रदान करेगा तथा नैजम के अवसर प्राप्त करने में भी सहाय्य देगा। इस समझौते पर प्रमन्नता व्यक्त करते हुए कुलसचिव प्रो. दिनेश कुमार ने कहा कि हमारे सिविल इंजीनियरिंग के विद्यार्थियों को उद्योग के लिए जरूरी तकनीकी कौशल प्राप्त होगा जिससे नैजम के अवसर बढ़ेंगे। डॉ. दिनेश कुमार ने कहा कि योत एक टाक में निर्माण उद्योग का तकनीकी विकास से उचितकरा बदलाव देखने को मिले रहे है। निर्माण उद्योग में नए तकनीकी से निर्माण के नए तरीके अत्यधिक कुशल हो कर रहे तथा निर्माण

लागत भी कम हो गई है। कुलसचिव ने आशा जताई कि इस सहयोग से निर्माण उद्योग को उत्तरी अवसरकाल के अनुसार कुशल कार्यकाल उपलब्ध होगा। प्रो. एम.एन. अश्वथान ने कहा कि बीआईएम निर्माण उद्योग में एक उभरती हुई तकनीक है जो भवन के डिजाइन मॉडल को बनाने में मदद करती है। यह मॉडल जिसे सिमूला इनफेमैशन मॉडल के रूप में जाना जाता है, का उपयोग वास्तविक दुनिया निर्माण और मूल्यांकन के माध्यम से किया जा सकता है और आर्थिक, इंजीनियरिंग और निर्माणकर्ताओं को यह कल्पना करने में मदद करता है कि संभावित डिजाइन रूप

निर्माण किस तरह से किया जाना है या इसमें क्या विकल्प हो सकते हैं। इस प्रकार, मध्यम से विद्यार्थियों को निर्माण उद्योग में जुड़े अत्यधिक तकनीक पर व्यावहारिक ज्ञान प्राप्त करने में मदद मिलेगी। इस अवसर पर योतने हुए टेक्नोसट्रक्ट अकादमी के चैरमैन डॉ. दिनेश कुमार ने कहा कि निर्माण उद्योग के क्षेत्र में काफी कमी है, जिसे टेक्नोसट्रक्ट अकादमी अंतरराष्ट्रीय मानक बीआईएम प्रबंधन फट्टरनों के माध्यम से पूरा करने की कोशिश कर रही है।

बंगोना महामंत्री के बारे फरतीय निर्माण उद्योग एक वात पुनः उभर रहा है। उन्होंने कहा कि उम्मीद है कि 2030 तक भारत में ग्रियल एस्टेट सेक्टर एक ट्रिलियन अमेरिकी डॉलर के बाजार का अंश ले लेगा और 2025 तक देश को नौ छपी में 13 प्रतिशत का योगदान करेगा। इस प्रकार बीआईएम प्रौद्योगिकी के माध्यम से निर्माण क्षेत्र में जुड़े पेशेवरों तथा विद्यार्थियों के लिए को फेरुल विकास द्वारा नैजमार हासिल करने का वास्तविक अवसर मिलेगा।

TechnoStruct Talent Development Program (TSTDP)

Scholarship Drive for Civil Engineering Students of JC BOSE University, YMCA

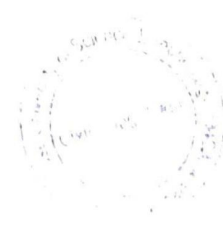
On 15th April 2021

TechnoStruct Academy, in association with its academic partner, JC Bose University of Science and Technology, YMCA, to select the top 5 students, who will get full course fee-waiver Scholarships.

Students will get to learn BIM Ready Complete, which includes:

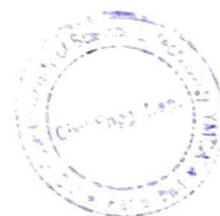
1. Interaction with Project Heads Internationally
2. Internship on Live Projects
3. Talent Development Program support
4. Lifetime Placement assistance

Announcement soon on Winners!



Consultancy Civil Engg.

Sr. No.	Firm Name	Title	Duration	Amount
1.	A.K. Builders, 206- A/5, floor-2 nd Floor, Jeevan Nagar, Delhi-110014	Addition/ Alteration in residence of Hon'ble Chief Minister at 6 Flag Staff Road, Civil Lines, Delhi 2020-21 (SH: Providing additional accommodation civil and Electrical work)	02/11/2020 to 08/12/2020	34,220
2.	Executive Engineer PWD NWR-1, Mukarba Chowk, G.T. Karnal Road, Delhi-110033	Structural design of RCC Storm water drains	23/11/2020 to 21/2021	1,47,500
3.	Mahavir Prasad Gupta & Sons, VPO- Gubhana Majiri, Bahadurgarh, Jhajjar, Haryana	4/6 Laning of Delhi/ Haryana border to Rohtak section of NH-10 from km 29.700 to km 87.000 including bahadurgarh and Rohtak by passes in the state of Haryana under NHDP phase iii (A)	12/02/2021 to 08/03/2021	33,040
4.	SBG Infracon Pvt. Ltd. Ground Floor, WZ 3, Najafgarh Road, Kailash Park, Delhi-110015	Strengthening of various roads under sub division NWR-22, Rohini, Delhi under PWD, North Zone with hot recycling method after cold milling.	29/01/2021 to 23/02/2021	99,120
5.	M/s. Varun Gupta, A-64/3, DDA Flats, Saket, Delhi-110017	Development & Bulk Services for CTC, ITBP Campus, Village- Banjirka & Bera Pass, Tehsil- Ramgarh, Alwar (Raj.). SH: Internal road, Cross drainage and Storm water drain along the road i/C C o 3 Nos. STP, Sewer Line, Water supply Line, tube well & under- ground sump & Electrical bulk services	02/03/2021 to 12/03/2021	29,500
6.	M s. Varun Gupta, A-64 3, DDA Flats, Saket, Delhi-110017	C o 10 Bedded Hospital, Family Welfare Center and Bin Type Magazine at ITBP Campus, Alwar (Raj.)	04 02/2021 to 20/02 2021	52,982
7.	M s. Sacred Construction Pvt. Ltd. New Delhi	Improvement of drainage system of Road No. 320 from RUB Shalimar Bagh area to Outer Ring Road of Shalimar Bagh area recently taken over by PWD From DDA under	20 01/2021 to 27.02 2021	68,440



		PWD Division NWR-1 and Sub Division NWR-14 Delhi (Balance work)		
8.	Executive Engineer (South-West) R.M.D-1, PWD (GNCTD), Brar Square, New Delhi-110010	Conducting Bankelman Deflection Beam Test for Roads under South West Road-1	30/01/2021 to 24/03/2021	5,90,000
9.	Executive Engineer, CRMD NWR-2, PWD (NCTD) Road No.-43, Sainik Vihar, Delhi-34	Raising of road and Footpath at 70 futa road Kirari (Food Control) Drain to Mubarakpur Road), Delhi to Prevent water logging on road.	12/04/2021 to 08/07/2021	1,47,500
10.	Executive Engineer, Maintenance Division NWR-1, PWD, Mukarba Chowk, New Delhi	Structural design of RCC culvert across Road no. 320	08/03/2021 to 30/06/2021	2,95,000
11.	M/s. Techno Consultants, C/o Omaxe City Opp. Parle Factory Rohtak Road, Bahadurgarh, Haryana	Construction of unit of girls Dormitory with 1 no. warden residency at JNV Rewari (Haryana)	16/06/2021 to 23/07/2021	33040
12.	Executive Engineer, Shimla Central Division-1, CPWD, Shimla-04	<ul style="list-style-type: none"> • Const. of Computer Center including internal, external water supply sanitary installation, drainage, appurtenant civil development work and internal electrical works under package-I at NIT Hamirpur, H.P • Const. of Classroom at NIT Hamirpur. SH:- Complete building work, civil services & development work internal electrical installations for E-Classroom and fire alarm, fire fighting, DG Set, Lifts and Horticulture work for Computer Center and E-Classroom buildings. 	04/06/2021 to 10/07/2021	9,44,000