

CERTIFIED TRAINER

This is to certify that
Dr Gopal Singh Bisht (PAN Number - AJLPB6252F) with Trainer ID - TR160049
has successfully cleared the assessment as
Trainer with Grade 'A'
for the Qualification Pack of **Quality Control Biologist (LFS/Q2301)- v1.0**
conforming to National Skill Qualification Framework Level - 5
Date of Issue: 13/03/2021 | Valid Upto: 13/03/2023



TOT/LFS/Q2301V1.0/121121/TR160049/52287



Satish Reddy
Chairperson
Life Sciences Sector Skill Development
Council

Certificate

This is to certify that

Mr. Ankush S/O Gopal singh
has successfully cleared the assessment for the role of
Lab Technician / Assistant - Life Science (QP No.-LFS/Q0509)
conforming to National Skill Qualifications Framework Level-3



Issued by... Prof.(Dr).Sudhir Kumar, (HOD, BT&BI) & Coordinator Lab Technician-Skill Vigyan Program

Institution Name... Jaypee University of Information Technology, Solan

Signature.....



Satish Reddy
Chairman

Life Sciences Sector Skill Development Council



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology

Certificate

This is to certify that

Mr. Karam Dass S/O Shyam Lal
has successfully cleared the assessment for the role of
Lab Technician / Assistant - Life Science (QP No.-LFS/Q0509)
conforming to National Skill Qualifications Framework Level-3



Issued by... Prof.(Dr).Sudhir Kumar, (HOD, BT&BI) & Coordinator Lab Technician-Skill Vigyan Program

Institution Name... Jaypee University of Information Technology, Solan

Signature.....



Satish Reddy
Chairman

Life Sciences Sector Skill Development Council



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology

Certificate

This is to certify that

Ms. Manjana Devi D/O Purshotam Singh
has successfully cleared the assessment for the role of
Lab Technician / Assistant - Life Science (QP No.-LFS/Q0509)
conforming to National Skill Qualifications Framework Level-3



Issued by... Prof.(Dr).Sudhir Kumar, (HOD, BT&BI) & Coordinator Lab Technician-Skill Vigyan Program

Institution Name... Jaypee University of Information Technology, Solan

Signature.....



Satish Reddy
Chairman

Life Sciences Sector Skill Development Council



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology

Certificate

This is to certify that

Ms. Meenakshi Devi D/O Ramlal
has successfully cleared the assessment for the role of
Lab Technician / Assistant - Life Science (QP No.-LFS/Q0509)
conforming to National Skill Qualifications Framework Level-3



Issued by.....Prof.(Dr).Sudhir Kumar, (HOD, BT&BI) & Coordinator Lab Technician-Skill Vigyan Program

Institution Name.....Jaypee University of Information Technology, Solan

Signature.....



Satish Reddy
Chairman

Life Sciences Sector Skill Development Council



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology

Certificate

This is to certify that

Ms. Nancy D/O Hari Krishan
has successfully cleared the assessment for the role of
Lab Technician / Assistant - Life Science (QP No.-LFS/Q0509)
conforming to National Skill Qualifications Framework Level-3



Issued by.....Prof.(Dr).Sudhir Kumar, (HOD, BT&BI) & Coordinator Lab Technician-Skill Vigyan Program

Institution Name.....Jaypee University of Information Technology, Solan

Signature.....



Satish Reddy
Chairman

Life Sciences Sector Skill Development Council



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology

JUIT-LAB-Tech. -05-005

Certificate

This is to certify that

Mr. Neeraj Kumar S/O Harpal Singh
has successfully cleared the assessment for the role of
Lab Technician / Assistant - Life Science (QP No.-LFS/Q0509)
conforming to National Skill Qualifications Framework Level-3



Issued by.....Prof.(Dr).Sudhir Kumar, (HOD, BT&BI) & Coordinator Lab Technician-Skill Vigyan Program

Institution Name.....Jaypee University of Information Technology, Solan

Signature.....



Satish Reddy
Chairman

Life Sciences Sector Skill Development Council



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology

JUIT-LAB-Tech. -06-006

Certificate

This is to certify that

Mr. Sachin Kumar S/O Bhim Dutt
has successfully cleared the assessment for the role of
Lab Technician / Assistant - Life Science (QP No.-LFS/Q0509)
conforming to National Skill Qualifications Framework Level-3



Issued by.....Prof.(Dr).Sudhir Kumar, (HOD, BT&BI) & Coordinator Lab Technician-Skill Vigyan Program

Institution Name.....Jaypee University of Information Technology, Solan

Signature.....



Satish Reddy
Chairman

Life Sciences Sector Skill Development Council



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology

JUIT-LAB-Tech. -07-007

Certificate

This is to certify that

Mr. Sahil Kaushal S/O Deepak Kaushal
has successfully cleared the assessment for the role of
Lab Technician / Assistant - Life Science (QP No.-LFS/Q0509)
conforming to National Skill Qualifications Framework Level-3



Issued by.....Prof.(Dr).Sudhir Kumar, (HOD, BT&BI) & Coordinator Lab Technician-Skill Vigyan Program

Institution Name.....Jaypee University of Information Technology, Solan

Signature.....



Satish Reddy
Chairman

Life Sciences Sector Skill Development Council



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology

JUIT-LAB-Tech. -08-008

Certificate

This is to certify that

Ms. Shilpa Sharma D/O Om Prakash Sharma
has successfully cleared the assessment for the role of
Lab Technician / Assistant - Life Science (QP No.-LFS/Q0509)
conforming to National Skill Qualifications Framework Level-3



Issued by... Prof.(Dr).Sudhir Kumar, (HOD, BT&BI) & Coordinator Lab Technician-Skill Vigyan Program

Institution Name... Jaypee University of Information Technology, Solan

Signature.....



Satish Reddy
Chairman

Life Sciences Sector Skill Development Council



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology

JUIT-LAB-Tech. -09-009

Certificate

This is to certify that

Mr. Sumit Thakur S/O Hira Singh Thakur
has successfully cleared the assessment for the role of
Lab Technician / Assistant - Life Science (QP No.-LFS/Q0509)
conforming to National Skill Qualifications Framework Level-3



Issued by... Prof.(Dr).Sudhir Kumar, (HOD, BT&BI) & Coordinator Lab Technician-Skill Vigyan Program

Institution Name... Jaypee University of Information Technology, Solan

Signature.....



Satish Reddy
Chairman

Life Sciences Sector Skill Development Council



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology

JUIT-LAB-Tech. -10-010

Certificate

This is to certify that

Mr. Bhavani Shankar Choudhary S/O Amar Singh Choudhary
has successfully cleared the assessment for the role of
Quality Control Biologist - Life Science (QP No.-LFS/Q2301)
conforming to National Skill Qualifications Framework Level-5



Issued by...Prof.(Dr).Sudhir Kumar, (HOD, BT&BI) & Coordinator QCB-Skill Vigyan Program

Institution Name...Jaypee University of Information Technology, Solan

Signature.....



Satish Reddy
Chairman

Life Sciences Sector Skill Development Council



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology

JUIT-QCB-01-001

Certificate

This is to certify that

Mr. Vikram Kumar Kumar S/O Pritam Singh
has successfully cleared the assessment for the role of
Quality Control Biologist - Life Science (QP No.-LFS/Q2301)
conforming to National Skill Qualifications Framework Level-5



Issued by...Prof.(Dr).Sudhir Kumar, (HOD, BT&BI) & Coordinator QCB-Skill Vigyan Program

Institution Name...Jaypee University of Information Technology, Solan

Signature.....



Satish Reddy
Chairman

Life Sciences Sector Skill Development Council



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology

JUIT-QCB-10-010

Certificate

This is to certify that

Mr. Vishal Panwar Panwar S/O Dharam Chand
has successfully cleared the assessment for the role of
Quality Control Biologist - Life Science (QP No.-LFS/Q2301)
conforming to National Skill Qualifications Framework Level-5



Issued by...Prof.(Dr).Sudhir Kumar, (HOD, BT&BI) & Coordinator QCB-Skill Vigyan Program

Institution Name...Jaypee University of Information Technology, Solan

Signature.....



Satish Reddy
Chairman

Life Sciences Sector Skill Development Council



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology

JUIT-QCB-11-011

Certificate

This is to certify that

Ms. Mahima D/O Naresh
has successfully cleared the assessment for the role of
Quality Control Biologist - Life Science (QP No.-LFS/Q2301)
conforming to National Skill Qualifications Framework Level-5



Issued by... Prof.(Dr).Sudhir Kumar, (HOD, BT&BI) & Coordinator QCB-Skill Vigyan Program

Institution Name... Jaypee University of Information Technology, Solan

Signature.....



Satish Reddy
Chairman

Life Sciences Sector Skill Development Council



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology

JUIT-QCB-02-002

Certificate

This is to certify that

Ms. Navjyoti D/O Om prakash
has successfully cleared the assessment for the role of
Quality Control Biologist - Life Science (QP No.-LFS/Q2301)
conforming to National Skill Qualifications Framework Level-5



Issued by...Prof.(Dr).Sudhir Kumar, (HOD, BT&BI) & Coordinator QCB-Skill Vigyan Program

Institution Name...Jaypee University of Information Technology, Solan

Signature.....



Satish Reddy
Chairman

Life Sciences Sector Skill Development Council



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology

JUIT-QCB-03-003

Certificate

This is to certify that

Ms. Pooja Devi D/O Balwant Singh
has successfully cleared the assessment for the role of
Quality Control Biologist - Life Science (QP No.-LFS/Q2301)
conforming to National Skill Qualifications Framework Level-5



Issued by...Prof.(Dr).Sudhir Kumar, (HOD, BT&BI) & Coordinator QCB-Skill Vigyan Program

Institution Name...Jaypee University of Information Technology, Solan

Signature.....



Satish Reddy
Chairman

Life Sciences Sector Skill Development Council



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology

JUIT-QCB-04-004=

Certificate

This is to certify that

Ms. Preeti D/O Chetram
has successfully cleared the assessment for the role of
Quality Control Biologist - Life Science (QP No.-LFS/Q2301)
conforming to National Skill Qualifications Framework Level-5



Issued by...Prof.(Dr).Sudhir Kumar, (HOD, BT&BI) & Coordinator QCB-Skill Vigyan Program

Institution Name...Jaypee University of Information Technology, Solan

Signature.....



Satish Reddy
Chairman

Life Sciences Sector Skill Development Council



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology

JUIT-QCB-05-005

Certificate

This is to certify that

Ms. Rachna Dhayal Dhayal D/O Karmveer Singh Dhayal
has successfully cleared the assessment for the role of
Quality Control Biologist - Life Science (QP No.-LFS/Q2301)
conforming to National Skill Qualifications Framework Level-5



Issued by...Prof.(Dr).Sudhir Kumar, (HOD, BT&BI) & Coordinator QCB-Skill Vigyan Program

Institution Name...Jaypee University of Information Technology, Solan

Signature.....



Satish Reddy
Chairman

Life Sciences Sector Skill Development Council



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology

JUIT-QCB-06-006

Certificate

This is to certify that

Ms. Rakshandha Saini Saini D/O Hari Ram Saini
has successfully cleared the assessment for the role of
Quality Control Biologist - Life Science (QP No.-LFS/Q2301)
conforming to National Skill Qualifications Framework Level-5



Issued by...Prof.(Dr).Sudhir Kumar, (HOD, BT&BI) & Coordinator QCB-Skill Vigyan Program

Institution Name...Jaypee University of Information Technology, Solan

Signature.....



Satish Reddy
Chairman

Life Sciences Sector Skill Development Council



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology

JUIT-QCB-07-007

Certificate

This is to certify that

Ms. Sakshi sharma sharma D/O Yogesh sharma
has successfully cleared the assessment for the role of
Quality Control Biologist - Life Science (QP No.-LFS/Q2301)
conforming to National Skill Qualifications Framework Level-5



Issued by...Prof.(Dr).Sudhir Kumar, (HOD, BT&BI) & Coordinator QCB-Skill Vigyan Program

Institution Name...Jaypee University of Information Technology, Solan

Signature.....



Satish Reddy
Chairman

Life Sciences Sector Skill Development Council



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology

JUIT-QCB-08-008

Certificate

This is to certify that

Ms. Sugandh Vaish Vaish D/O Ashwani Kumar Vaish
has successfully cleared the assessment for the role of
Quality Control Biologist - Life Science (QP No.-LFS/Q2301)
conforming to National Skill Qualifications Framework Level-5



Issued by...Prof.(Dr).Sudhir Kumar, (HOD, BT&BI) & Coordinator QCB-Skill Vigyan Program

Institution Name...Jaypee University of Information Technology, Solan

Signature.....



Satish Reddy
Chairman

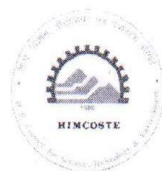
Life Sciences Sector Skill Development Council



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology

JUIT-QCB-09-009

		Sector Skills Council	Life Sciences Sector Skill Development Council										Batch ID		105-4896												Job Role / QP	Lab Technician/ Assistant - Life					
		Training Partner Name	Japanese University of Information Technology Walaahat, Sudan										Investigator Name														Batch Size	18					
		Centre ID, Location											Investigator Contact Number														Number of Learners Present	18					
		Training Partner SPOC Name	Dr. Sadiq Kumar										Date of assessment		10-10-2021												Number of Learners Absent	6					
		Training Partner SPOC Contact Name											Remarks														Pass - Fail - Pass %	18 - 6 - 100%					
		NOS Wise Marks ()																									Grand Total						
		Theory										Practical + VIVA										Total											
L.No.	Candidate ID	Learner Name	U/S/N0501 (Maintain a healthy, safe and secure working environment in the life sciences facility)	U/S/N0502 (Ensure cleanliness in the work area)	U/S/N0503 (Help the lab/QC Chemists/ Research Associates in performing the experiments and analysis)	U/S/N0531 (Carry out washing, processing and drying of the glassware/plastic ware for experiment ation)	U/S/N0532 (Carry out preparation of solution and reagents)	U/S/N0533 (Ensure appropriate measures are taken while opening of chemicals to be used in analysis)	U/S/N0534 (Maintain records of lab usage, storage of chemicals, labels,date of opening and closing)	U/S/N0560 (Reprocess the instrument s before carrying out experimen ts)	U/S/N0501 (Maintain a healthy, safe and secure working environment in the life sciences facility)	U/S/N0502 (Ensure cleanliness in the work area)	U/S/N0503 (Help the lab/QC Chemists/ Research Associates in performing the experiments and analysis)	U/S/N0531 (Carry out washing, processing and drying of the glassware/plastic ware for experimentat on)	U/S/N0532 (Carry out preparatio n of solution and reagents)	U/S/N0533 (Ensure appropriate measures are taken while opening of chemicals to be used in analysis)	U/S/N0534 (Maintain records of lab usage, storage of chemicals, labels,date of opening and closing)	U/S/N0560 (Reprocess the instruments before carrying out experiments)	U/S/N0501 (Maintain a healthy, safe and secure working environment in the life sciences facility)	U/S/N0502 (Ensure cleanliness in the work area)	U/S/N0503 (Help the lab/QC Chemists/ Research Associates in performing the experiments and analysis)	U/S/N0531 (Carry out washing, processing and drying of the glassware/plastic ware for experimenta tion)	U/S/N0532 (Carry out preparatio n of solution and reagents)	U/S/N0533 (Ensure appropriate measures are taken while opening of chemicals to be used in analysis)	U/S/N0534 (Maintain records of lab usage, storage of chemicals, labels,date of opening and closing)	U/S/N0560 (Reprocess the instrument s before carrying out experimen ts)	Total - Theory	Total - Practical	Aggregate 50%	Final Result			
			48	44	50	50	45	45	45	47	52	56	50	55	55	55	55	53	100	100	100	100	100	100	100	100	374	436	900	50%			
1	934403062124	Marjara	36.00	25.00	37.50	33.33	45.00	33.75	33.75	37.80	45.00	33.60	20.00	40.00	33.00	33.00	33.00	33.80	77.60	62.80	57.50	73.33	78.00	66.75	66.75	69.40	286.26	286.00	552.26	Pass			
2	985492164505	Ankush	36.00	14.67	37.50	33.33	30.00	45.00	45.00	37.80	33.20	28.00	30.00	30.00	44.00	22.00	33.00	21.20	67.20	42.67	67.50	63.33	74.00	67.00	78.00	58.80	279.20	238.40	518.50	Pass			
3	887061263216	Sachin	36.00	14.67	50.00	33.33	30.00	13.25	33.75	5.40	33.20	33.60	40.00	30.00	44.00	33.00	44.00	42.40	67.20	48.27	90.00	63.33	74.00	66.25	77.75	53.80	238.40	288.20	526.60	Pass			
4	401148670108	Salil	48.00	29.33	37.50	52.00	30.00	45.00	47.00	42.60	44.80	50.00	30.00	44.00	44.00	44.00	44.00	42.40	89.60	74.13	87.50	80.00	74.00	89.00	89.00	89.40	331.83	340.80	672.63	Pass			
5	379651530817	Namra	48.00	29.33	50.00	33.33	45.00	33.75	33.75	37.80	43.60	39.20	50.00	40.00	33.00	33.00	33.00	42.40	89.60	68.53	100.00	73.33	78.00	66.75	88.75	80.00	332.76	334.20	666.96	Pass			
6	423791502045	Nancy	48.00	29.33	50.00	33.33	45.00	33.75	45.00	47.00	35.20	44.80	40.00	30.00	44.00	33.00	33.00	42.40	79.20	74.13	90.00	63.33	89.00	66.75	78.00	89.40	332.43	298.40	630.83	Pass			
7	882998916885	Meenakshi	48.00	29.33	37.50	33.33	30.00	33.75	45.00	47.00	45.00	44.80	40.00	30.00	33.00	33.00	33.00	32.80	89.60	74.13	77.50	63.33	63.00	66.75	78.00	78.80	309.30	287.20	596.50	Pass			
8	758048626080	Karan	48.00	29.33	37.50	50.00	45.00	33.75	45.00	47.00	33.20	33.60	30.00	30.00	33.00	33.00	33.00	33.80	79.20	62.80	67.50	80.00	78.00	66.75	89.00	78.80	335.58	335.58	671.16	Pass			
9	888891371562	Shiva	36.00	44.00	50.00	33.33	45.00	33.75	45.00	37.80	45.60	50.40	30.00	30.00	33.00	44.00	44.00	42.40	77.60	96.40	100.00	63.33	78.00	77.75	89.00	80.00	324.68	335.40	660.08	Pass			
10	972329130148	Bunif	36.00	14.67	25.00	33.33	45.00	33.75	33.75	47.80	33.20	28.00	30.00	30.00	22.00	22.00	33.00	31.80	67.20	42.67	55.00	63.33	67.00	55.75	66.75	78.80	268.50	238.00	496.50	Pass			



**HIMACHAL PRADESH COUNCIL FOR SCIENCE, TECHNOLOGY ENVIRONMENT
(HIMCOSTE)**

VIGYAN BHAWAN, NEAR UDYOG BHAWAN, BEMLOE, SHIMLA – 171001

Website: www.himcoste.hp.gov.in

Phone: 0177-2656489 Fax: 0177-2814923

STC/F(1)-1/19-DBT-VoI.II - 965

Dated: 22-08-2019

ORDER

Sanction is hereby accorded for the approval of DBT supported Skill Vigyan Program for Jaypee University of Information Technology, Waknaghat, Solan at total cost of **Rs. 49.80 Lakhs (Rupees Forty-Nine Lakhs and Eighty Thousand Only)** for three years period. The budget details are given below:

CERTIFIED TRAINER

This is to certify that
Sudhir Kumar (Aadhaar No - XXXXXXXX6552) with Trainer ID - TR160197
has successfully cleared the assessment as
Trainer with Grade 'B'
for the Qualification Pack of **Lab Technician/ Assistant - Life Sciences (LFS/Q0509)- v1.0**
conforming to National Skill Qualification Framework Level - 3
Date of Issue: 13/03/2021 | Valid Upto: 13/03/2023



TOT/LFS/Q0509V1.0/041221/TR160197/53171



Satish Reddy
Chairperson
Life Sciences Sector Skill Development
Council

CERTIFIED TRAINER

This is to certify that
Sudhir Kumar (Aadhaar No - XXXXXXXX6552) with Trainer ID - TR160197
has successfully cleared the assessment as
Trainer with Grade 'B'
for the Qualification Pack of **Quality Control Biologist (LFS/Q2301)- v1.0**
conforming to National Skill Qualification Framework Level - 5
Date of Issue: 13/03/2021 | Valid Upto: 13/03/2023



TOT/LFS/Q2301V1.0/151121/TR160197/52464



Satish Reddy
Chairperson
Life Sciences Sector Skill Development
Council

Three days “Training programme for Masons on Hazard Resistant Construction”

Disaster management and research cell (DMRC), civil engineering department Jaypee University in collaboration with Himachal Pradesh district disaster management authority (HPDDMA), Solan conducted a three days training program for 28 masons (from Kandaghat block), 3 Junior engineers, 2 educators from ITI solan and officials from DC office solan. Jaypee university has been chosen as a nodal center for various trainings and awareness programs conducted by HPDDMA Solan. As a first step in this collaboration on 25th February 2020, three days training program for hazard resistant construction was inaugurated by Honorable Vice chancellor Prof. Vinod Kumar, which was attended by distinguished guests from DC office solan, Kandaghat SDO office, participants from various panchayats of Kandaghat, staff and students from Civil engineering department.



As Himachal Pradesh is a disaster-prone state where disasters frequently occur in form of earthquake or landslides or floods etc., knowledge of hazard resistant construction at grass root level is of utmost necessity. In order to facilitate research and training to minimize damage in an event of disaster, a specific committee named disaster management and research cell (DMRC) has been commissioned in Jaypee university which comprises of professors from civil engineering department. On the request of additional district magistrate Solan, DMRC prepared a curriculum for masons, car-painters, bar binders and all kind of construction workers for capacity building and training them to build hazard resistant structures especially suitable for Solan district. A series of trainings according to this curriculum will be done at various center's chosen by HPDDMA, out of which venue for first training was chosen at Jaypee university. As a nodal center for such trainings, Jaypee university sponsored its expertise and infrastructure support for this three-day initiative.

During the first day of training programme participants were briefed upon how and why earthquake occurs and the need of earthquake resistant design of structures by chairperson DMRC Dr. Tanmay Gupta. Proper knowledge of safety measures during earthquake can help prevent a lot of casualties during such a disaster. A brief overview upon the infrastructure damage during various great earthquake occurred in India made the participants realize the importance of hazard resistant construction. The session also imparted knowledge upon various materials and tools used during the modern hazard resistant construction and important safety/maintenance tips. In the latter half of the day participants were given exposure to lab and site procedures for quality control of the materials. Strength testing of

bricks, concrete specimen, check for quality of cement, fine aggregate and coarse aggregates were the main highlights of the session.



Second day of three days training program was focused upon hands on training for the participants for earthquake resistant masonry structures and reinforced concrete framed structure. Participants came to know regarding various masonry building schemes such as English bond, Flemish bond, Rat-trap bond via practical demonstration and themselves building these schemes. Furthermore, based on latest Indian codal provisions, the importance of earthquake resistant band and their proper ductile detailing of reinforcement were discussed, demonstrated and practiced.





Dr Saurav, Chairperson DMRC addressed the participants on the final day briefing them upon ductile detaining of beams, columns and foundations in a reinforced concrete framed structure. He also imparted knowledge upon unconfined and confined masonry structures. Classroom sessions were followed by demonstration and hands-on practice upon reinforcement detailing. As most-commonly faced problem during earthquake or any hazard is due to lack of confinement of reinforcement, safe and economical construction practices for low cost housing and even for multi-story buildings, emphasizing on proper confinement were discussed, demonstrated and practiced. Three days training came to end on 27th February 2020, via certificate distribution. Chief guest for the closing ceremony SDM Kandaghat interacted with the participants and thanked DMRC, Jaypee university to organize and sponsor the programme.



No. DDMA/19/2018 Masons Training - 2854
Office of the Deputy Commissioner,
Solan District, Solan (Himachal Pradesh)

To

The Vice Chancellor
Jaypee University of Information Technology
Waknaghat, P.O. Waknaghat, Teh Kandaghat, Distt. Solan

Solan- 173212

Dated,

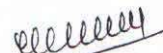
Sub: Regarding 3 days masons training at JUIT, Waknaghat from 25 February
to 27 February, 2020

Sir,

This in reference to 3 days training of masons for hazard resistant construction held from 25 February to 27 February, 2020 at your campus. As you are aware, a total of 28 masons and 6 technical staff members of the district were trained in this training programme. I sincerely appreciate your cooperation and efforts towards this initiative of DDMA, in setting up of "Nodal centre for training of masons in hazard resistant construction" at Disaster Management and Research Cell (DMRC), JUIT and smooth conduct of the aforementioned training. I am looking forward to more such collaborations with you in future.

You are requested to schedule next batch of training (for a batch of 40 participants) in the month of March and apprise this office about the same. In case of any query, kindly contact Ms. Apoorva Maria, Training and Capacity Building Coordinator, DDMA at +91 99157-24830.

Yours faithfully,




(Vivek Chandel) HAS,
Additional Deputy Commissioner
District Solan, H.P.
Email: ddmasolan@gmail.com

Copy for Information to:

1. The Special Secretary (Rev-DM) to the Govt. of Himachal Pradesh, Shimla
2. The H.O.D., Civil Engineering, Jaypee University of Information Technology, Waknaghat (H.P.)

Yours faithfully,



(Vivek Chandel) HAS,
Additional Deputy Commissioner
District Solan, H.P.
Email: ddmasolan@gmail.com

HOD / C.B.D.
FNA/K.
44.09/03/2020

Report

Six Day Online Workshop on

“Mix-Design Methodology for Concrete and Bitumen”

A six day online workshop on “**Mix-Design Methodology for Concrete and Bitumen**” was organized by the Department of Civil Engineering. The program was organized from 10th June 2019 to 15th June 2019 (6 Days). The workshop was designed for the Academicians/Engineers and Engineering students to give an exposure to the new innovative ideas and current sustainable construction practices in Civil Engineering in order to make them familiar to mix design method for flexible and rigid pavement.

The program was successfully completed under the auspices of

- Prof. Vinod Kumar – Vice Chancellor of JUIT Waknaghat and Patron of the organized CEP by the Department of Civil Engineering
- Prof. Samir Dev Gupta – Director and Dean of Academics of JUIT Waknaghat
- Major General Rakesh Bassi (Retd.) - Registrar and Dean of Students of JUIT Waknaghat
- Prof. Ashok Kumar Gupta – HOD, Department of Civil Engineering, JUIT Waknaghat and Program Chair of the organized CEP by the Department of Civil Engineering
- Dr. Amardeep – Assistant Professor, Department of Civil Engineering, JUIT Waknaghat and Program Convener.
- Dr. Pankaj – Assistant Professor, Department of Civil Engineering, JUIT Waknaghat and Program Convener.
- Dr. Tanmay Gupta – Assistant Professor, Department of Civil Engineering, JUIT Waknaghat and Program Convener.

Workshop Schedule

10/06/19 First Day		
09:00- 10:00 am	Prof. Ashok Kumar Gupta	Inaugural Lecture
High Tea		
10:30- 12:30 pm	Dr. Pankaj Kumar	Concrete Mix Design: Overview
Lunch		
02:00- 05:00 pm	Dr. Pankaj Kumar Mr. Jaswinder	Casting of Concrete Mix-Design Samples of Various Strengths (Concrete Lab) <ul style="list-style-type: none"> • Mix-Design Cubes of Standard Sizes • Split Tensile Testing Cylinder of Standard Sizes
11/06/19 Second Day		
09:00- 10:00 am	Dr. Pankaj Kumar	Introduction to Cement and its Testing Methodologies
High Tea		
10:30- 12:30 pm	Dr. Pankaj Kumar Mr. Jaswinder	Cement Lab Testing: <ul style="list-style-type: none"> • Normal Consistency • Initial and Final Setting Time
Lunch		
02:00- 05:00 pm	Dr. Pankaj Kumar Mr. Jaswinder	Cement Lab Testing Continued: <ul style="list-style-type: none"> • Specific Gravity of Cement • Compressive strength of Cement • Tensile strength of Cement • Soundness of Cement
12/06/19 Third Day		
09:00- 10:00 am	Dr. Pankaj Kumar	Concrete Matrix and its Constituents
High Tea		
10:30- 12:30 pm	Dr. Pankaj Kumar Mr. Jaswinder	Concrete Matrix Lab Testing: <ul style="list-style-type: none"> • Characterization of Fine Aggregate • Bulking of Sand • Specific Gravity of Fine Aggregate
Lunch		
02:00- 05:00 pm	Dr. Pankaj Kumar Mr. Jaswinder	Concrete Matrix Lab Testing Continued: <ul style="list-style-type: none"> • Specific Gravity of Coarse Aggregate • Flakiness Index and Elongation Index of Coarse Aggregate • Impact Abrasion Test • Workability Tests on Concrete
13/06/19 Fourth Day		
09:00- 10:00 am	Dr. Amardeep	Bitumen Grading, Properties and Mix Design in Pavement Construction: Methodological Discussion
High Tea		

10:30- 12:30 pm	Dr. Amardeep Mr. Jaswinder	Bitumen Lab Tests: <ul style="list-style-type: none"> • Introduction to different graded Bitumen <ul style="list-style-type: none"> ▪ Penetration Test ▪ Viscosity Test
Lunch		
02:00- 05:00 pm	Dr. Amardeep Mr. Jaswinder	<ul style="list-style-type: none"> • Specific Gravity Test • Ductility Test • Softening Point Test • Flash and Fire Test
14/06/19 Fifth Day		
09:00- 10:00 am	Dr. Amardeep Mr. Jaswinder	Different Specifications for Bitumen Mix Design
High Tea		
10:30- 12:30 pm	Dr. Amardeep Mr. Jaswinder	<ul style="list-style-type: none"> • Bitumen Mix Design
Lunch		
02:00- 05:00 pm	Dr. Amardeep Mr. Jaswinder	<ul style="list-style-type: none"> • Bitumen Mix Design Continuation
15/06/19 Sixth Day		
09:00- 11:00 am	Dr. Pankaj Kumar Mr. Jaswinder	Concrete Sample Testing (Strength Assessment)
High Tea		
11:30-1:00 pm	Dr. Amardeep Dr. Pankaj Kumar	Feedback Session
Lunch		
02:00- 05:00 pm	Prof. Ashok Kumar Gupta	Closing Ceremony

Other Salient Features

- Video Recording of all lectures by the speakers for the Workshop available with the organizing committee.
- Presentation slides of all lectures by the speakers for the Workshop available with the organizing committee and has been distributed to participants.
- Certificates of participation issued to all registered participants.
- Certificates of resource persons issued to all the listed speakers.
- Feedback collected from participants for further improvement in conducting such future online Workshops

Summary of the Participants

Types of Participants	Total No. of Registered Participants
HPPWD Assistant and Junior Engineers	25
Other Participants	60

Feedback of the Participants

Types of Participants	Total No. of Registered Participants
HPPWD Assistant & Junior Engineers (25)	Excellent (87%) Very Good (10%) Good (3%)
Other Participants (60)	Excellent (78%) Very Good (20%) Good (2%)

With Regards

Dr. Amardeep,

Program Coordinator

Department of Civil Engineering

Jaypee University of Information Technology Waknaghat

Report

Six Day Online Workshop on

“Mix-Design Methodology for Concrete and Bitumen”

A six day online workshop on “**Mix-Design Methodology for Concrete and Bitumen**” was organized by the Department of Civil Engineering. The program was organized from 24th June 2019 to 29th June 2019 (6 Days). The workshop was designed for the Academicians/Engineers and Engineering students to give an exposure to the new innovative ideas and current sustainable construction practices in Civil Engineering in order to make them familiar to mix design method for flexible and rigid pavement.

The program was successfully completed under the auspices of

- Prof. Vinod Kumar – Vice Chancellor of JUIT Waknaghat and Patron of the organized CEP by the Department of Civil Engineering
- Prof. Samir Dev Gupta – Director and Dean of Academics, JUIT Waknaghat
- Major General Rakesh Bassi (Retd.) - Registrar and Dean of Students of JUIT Waknaghat
- Prof. Ashok Kumar Gupta – HOD, Department of Civil Engineering, JUIT Waknaghat and Program Chair of the organized CEP by the Department of Civil Engineering
- Dr. Amardeep – Assistant Professor, Department of Civil Engineering, JUIT Waknaghat and Program Convener.
- Dr. Pankaj – Assistant Professor, Department of Civil Engineering, JUIT Waknaghat and Program Convener.
- Dr. Tanmay Gupta – Assistant Professor, Department of Civil Engineering, JUIT Waknaghat and Program Convener.

Workshop Schedule

24/06/19 First Day		
09:00- 10:00 am	Prof. Ashok Kumar Gupta	Inaugural Lecture
High Tea		
10:30- 12:30 pm	Dr. Pankaj Kumar	Concrete Mix Design: Overview
Lunch		
02:00- 05:00 pm	Dr. Pankaj Kumar Mr. Jaswinder	Casting of Concrete Mix-Design Samples of Various Strengths (Concrete Lab) <ul style="list-style-type: none"> • Mix-Design Cubes of Standard Sizes • Split Tensile Testing Cylinder of Standard Sizes
25/06/19 Second Day		
09:00- 10:00 am	Dr. Pankaj Kumar	Introduction to Cement and its Testing Methodologies
High Tea		
10:30- 12:30 pm	Dr. Pankaj Kumar Mr. Jaswinder	Cement Lab Testing: <ul style="list-style-type: none"> • Normal Consistency • Initial and Final Setting Time
Lunch		
02:00- 05:00 pm	Dr. Pankaj Kumar Mr. Jaswinder	Cement Lab Testing Continued: <ul style="list-style-type: none"> • Specific Gravity of Cement • Compressive strength of Cement • Tensile strength of Cement • Soundness of Cement
26/06/19 Third Day		
09:00- 10:00 am	Dr. Pankaj Kumar	Concrete Matrix and its Constituents
High Tea		
10:30- 12:30 pm	Dr. Pankaj Kumar Mr. Jaswinder	Concrete Matrix Lab Testing: <ul style="list-style-type: none"> • Characterization of Fine Aggregate • Bulking of Sand • Specific Gravity of Fine Aggregate
Lunch		
02:00- 05:00 pm	Dr. Pankaj Kumar Mr. Jaswinder	Concrete Matrix Lab Testing Continued: <ul style="list-style-type: none"> • Specific Gravity of Coarse Aggregate • Flakiness Index and Elongation Index of Coarse Aggregate • Impact Abrasion Test • Workability Tests on Concrete
27/06/19 Fourth Day		
09:00- 10:00 am	Dr. Amardeep	Bitumen Grading, Properties and Mix Design in Pavement Construction: Methodological Discussion

High Tea		
10:30- 12:30 pm	Dr. Amardeep Mr. Jaswinder	Bitumen Lab Tests: <ul style="list-style-type: none"> • Introduction to different graded Bitumen <ul style="list-style-type: none"> ▪ Penetration Test ▪ Viscosity Test
Lunch		
02:00- 05:00 pm	Dr. Amardeep Mr. Jaswinder	<ul style="list-style-type: none"> • Specific Gravity Test • Ductility Test • Softening Point Test • Flash and Fire Test
28/06/19 Fifth Day		
09:00- 10:00 am	Dr. Amardeep Mr. Jaswinder	Different Specifications for Bitumen Mix Design
High Tea		
10:30- 12:30 pm	Dr. Amardeep Mr. Jaswinder	<ul style="list-style-type: none"> • Bitumen Mix Design
Lunch		
02:00- 05:00 pm	Dr. Amardeep Mr. Jaswinder	<ul style="list-style-type: none"> • Bitumen Mix Design Continuation
29/06/19 Sixth Day		
09:00- 11:00 am	Dr. Pankaj Kumar Mr. Jaswinder	Concrete Sample Testing (Strength Assessment)
High Tea		
11:30-1:00 pm	Dr. Amardeep Dr. Pankaj Kumar	Feedback Session
Lunch		
02:00- 05:00 pm	Prof. Ashok Kumar Gupta	Closing Ceremony

Other Salient Features

- Video Recording of all lectures by the speakers for the Workshop available with the organizing committee.
- Presentation slides of all lectures by the speakers for the Workshop available with the organizing committee and has been distributed to participants.
- Certificates of participation issued to all registered participants.
- Certificates of resource persons issued to all the listed speakers.

- Feedback collected from participants for further improvement in conducting such future online Workshops

Summary of the Participants

Types of Participants	Total No. of Registered Participants
HPPWD Assistant and Junior Engineers	25
Other Participants	60

Feedback of the Participants

Types of Participants	Total No. of Registered Participants
HPPWD Assistant and Junior Engineers (25)	Excellent (87%) Very Good (10%) Good (3%)
Other Participants (60)	Excellent (78%) Very Good (20%) Good (2%)

With Regards

Dr. Amardeep,

Program Coordinator

Department of Civil Engineering

Jaypee University of Information Technology Waknaghat

Report

Six Day Online Workshop on

“Mix-Design Methodology for Concrete and Bitumen”

A six day online workshop on “**Mix-Design Methodology for Concrete and Bitumen**” was organized by the Department of Civil Engineering. The program was organized from 2nd September 2019 to 7th September 2019 (6 Days). The workshop was designed for the Academicians/Engineers and Engineering students to give an exposure to the new innovative ideas and current sustainable construction practices in Civil Engineering in order to make them familiar to mix design method for flexible and rigid pavement.

The program was successfully completed under the auspices of

- Prof. Vinod Kumar – Vice Chancellor of JUIT Waknaghat and Patron of the organized CEP by the Department of Civil Engineering
- Prof. Samir Dev Gupta – Director and Dean of Academics of JUIT Waknaghat
- Major General Rakesh Bassi (Retd.) - Registrar and Dean of Students of JUIT Waknaghat
- Prof. Ashok Kumar Gupta – HOD, Department of Civil Engineering, JUIT Waknaghat and Program Chair of the organized CEP by the Department of Civil Engineering
- Dr. Amardeep – Assistant Professor, Department of Civil Engineering, JUIT Waknaghat and Program Convener.
- Dr. Pankaj – Assistant Professor, Department of Civil Engineering, JUIT Waknaghat and Program Convener.
- Dr. Tanmay Gupta – Assistant Professor, Department of Civil Engineering, JUIT Waknaghat and Program Convener.

Workshop Schedule

First Day		
10:30-11:10 AM	Prof. Ashok Kumar Gupta	Inaugural Lecture
High Tea		
11:30-1:30 PM	Mr. Abhilash Shukla	Concrete Mix Design: Overview
Lunch		
02:30-05:00PM	Mr. Tanmay Gupta Mr. Jaswinder	Casting of Concrete Mix-Design Samples of Various Strengths (Concrete Lab) <ul style="list-style-type: none"> • Mix-Design Cubes of Standard Sizes • Split Tensile Testing Cylinder of Standard Sizes
Second Day		
09:00-10:20 AM	Mr. Abhilash Shukla	Introduction to Cement and its Testing Methodologies
High Tea		
10:40-12:30 PM	Mr. Tanmay Gupta Mr. Jaswinder	Cement Lab Testing: <ul style="list-style-type: none"> • Normal Consistency • Initial and Final Setting Time
Lunch		
02:00-05:00 PM	Dr. Pankaj Kumar Mr. Jaswinder	Cement Lab Testing Continued: <ul style="list-style-type: none"> • Specific Gravity of Cement • Compressive strength of Cement • Tensile strength of Cement • Soundness of Cement
Third Day		
09:00-10:20AM	Dr. Pankaj Kumar	Concrete Matrix and its Constituents
High Tea		
10:40-12:30 PM	Dr. Pankaj Kumar Mr. Jaswinder	Concrete Matrix Lab Testing: <ul style="list-style-type: none"> • Characterization of Fine Aggregate • Bulking of Sand • Specific Gravity of Fine Aggregate
Lunch		
02:00-05:00 PM	Dr. Pankaj Kumar Mr. Jaswinder	Concrete Matrix Lab Testing Continued: <ul style="list-style-type: none"> • Specific Gravity of Coarse Aggregate • Flakiness Index and Elongation Index of Coarse Aggregate • Impact Abrasion Test • Workability Tests on Concrete
Fourth Day		
09:00-10:20 AM	Dr. Amardeep	Bitumen Grading, Properties and Mix Design in Pavement Construction: Methodological Different Specifications for Bitumen Mix Design Discussion

High Tea		
10:40-12:30 PM	Dr. Amardeep Mr. Jaswinder	Bitumen Lab Tests: <ul style="list-style-type: none"> • Introduction to Different Graded Bitumen • Penetration Test • Softening Point Test
Lunch		
02:00-05:00 PM	Dr. Amardeep Mr. Jaswinder	Bitumen Lab Tests: <ul style="list-style-type: none"> • Specific Gravity Test • Ductility Test • Flash and Fire Test
Fifth Day		
09:00-10:20 AM	Dr. Saurabh Rawat	Specification for Proctor and CBR Method as Per BIS
High Tea		
10:40-12:30 PM	Dr. Saurabh Rawat Mr. Itesh Kumar Singh	<ul style="list-style-type: none"> • Optimum Moisture Content • Dry Density • Proctor Test
Lunch		
02:00-05:00 PM	Dr. Amardeep Mr. Jaswinder	<ul style="list-style-type: none"> • CBR Test • Bitumen Mix Design
Sixth Day		
09: 00- 11:30 AM	Mr. Aakash Gupta	Specification of IRC 37 for Pavement Design <ul style="list-style-type: none"> • Benkelman Beam Deflection Test
High Tea		
11:30-12:30PM	Dr. Pankaj Kumar Mr. Tanmay Gupta Mr. Jaswinder	Concrete Sample Testing (Strength Assessment) Cement Sample Testing (Strength Assessment)
12:30-01:00 PM	Dr. Amardeep Dr. Pankaj Kumar Dr Tanmay Gupta	Feedback Session
01:00-01:30PM	Prof. Ashok Kumar Gupta	Closing Ceremony

Other Salient Features

- Video Recording of all lectures by the speakers for the Workshop available with the organizing committee.
- Presentation slides of all lectures by the speakers for the Workshop available with the organizing committee and has been distributed to participants.

- Certificates of participation issued to all registered participants.
- Certificates of resource persons issued to all the listed speakers.
- Feedback collected from participants for further improvement in conducting such future online Workshops

Summary of the Participants

Types of Participants	Total No. of Registered Participants
HPPWD Assistant and Junior Engineers	25
Other Participants	50

Feedback of the Participants

Types of Participants	Total No. of Registered Participants
HPPWD Assistant and Junior Engineers (20)	Excellent (80%) Very Good (7%) Good (13%)
Other Participants (50)	Excellent (85%) Very Good (12%) Good (3%)

With Regards

Dr. Amardeep,

Program Coordinator

Department of Civil Engineering

Jaypee University of Information Technology Waknaghat

Report

Six Day Online Workshop on

“Mix-Design Methodology for Concrete and Bitumen”

A six day online workshop on **“Mix-Design Methodology for Concrete and Bitumen”** was organized by the Department of Civil Engineering. The program was organized from 23rd September 2019 to 28th September 2019 (6 Days). The workshop was designed for the Academicians/Engineers and Engineering students to give an exposure to the new innovative ideas and current sustainable construction practices in Civil Engineering in order to make them familiar to mix design method for flexible and rigid pavement.

The program was successfully completed under the auspices of

- Prof. Vinod Kumar – Vice Chancellor of JUIT Waknaghat and Patron of the organized CEP by the Department of Civil Engineering
- Prof. Samir Dev Gupta – Director and Dean of Academics of JUIT Waknaghat
- Major General Rakesh Bassi (Retd.) - Registrar and Dean of Students of JUIT Waknaghat
- Prof. Ashok Kumar Gupta – HOD, Department of Civil Engineering, JUIT Waknaghat and Program Chair of the organized CEP by the Department of Civil Engineering
- Dr. Amardeep – Assistant Professor, Department of Civil Engineering, JUIT Waknaghat and Program Convener.
- Dr. Pankaj – Assistant Professor, Department of Civil Engineering, JUIT Waknaghat and Program Convener.
- Dr. Tanmay Gupta – Assistant Professor, Department of Civil Engineering, JUIT Waknaghat and Program Convener.

Workshop Schedule

First Day		
10:30-11:10 AM	Prof. Ashok Kumar Gupta	Inaugural Lecture
High Tea		
11:30-1:30 PM	Mr. Abhilash Shukla	Concrete Mix Design: Overview
Lunch		
02:30-05:00PM	Mr. Tanmay Gupta Mr. Jaswinder	Casting of Concrete Mix-Design Samples of Various Strengths (Concrete Lab) <ul style="list-style-type: none"> • Mix-Design Cubes of Standard Sizes • Split Tensile Testing Cylinder of Standard Sizes
Second Day		
09:00-10:20 AM	Mr. Abhilash Shukla	Introduction to Cement and its Testing Methodologies
High Tea		
10:40-12:30 PM	Mr. Tanmay Gupta Mr. Jaswinder	Cement Lab Testing: <ul style="list-style-type: none"> • Normal Consistency • Initial and Final Setting Time
Lunch		
02:00-05:00 PM	Dr. Pankaj Kumar Mr. Jaswinder	Cement Lab Testing Continued: <ul style="list-style-type: none"> • Specific Gravity of Cement • Compressive strength of Cement • Tensile strength of Cement • Soundness of Cement
Third Day		
09:00-10:20AM	Dr. Pankaj Kumar	Concrete Matrix and its Constituents
High Tea		
10:40-12:30 PM	Dr. Pankaj Kumar Mr. Jaswinder	Concrete Matrix Lab Testing: <ul style="list-style-type: none"> • Characterization of Fine Aggregate • Bulking of Sand • Specific Gravity of Fine Aggregate
Lunch		
02:00-05:00 PM	Dr. Pankaj Kumar Mr. Jaswinder	Concrete Matrix Lab Testing Continued: <ul style="list-style-type: none"> • Specific Gravity of Coarse Aggregate • Flakiness Index and Elongation Index of Coarse Aggregate • Impact Abrasion Test • Workability Tests on Concrete
Fourth Day		
09:00-10:20 AM	Dr. Amardeep	Bitumen Grading, Properties and Mix Design in Pavement Construction: Methodological Different Specifications for Bitumen Mix Design Discussion

High Tea		
10:40-12:30 PM	Dr. Amardeep Mr. Jaswinder	Bitumen Lab Tests: <ul style="list-style-type: none"> • Introduction to Different Graded Bitumen • Penetration Test • Softening Point Test
Lunch		
02:00-05:00 PM	Dr. Amardeep Mr. Jaswinder	Bitumen Lab Tests: <ul style="list-style-type: none"> • Specific Gravity Test • Ductility Test • Flash and Fire Test
Fifth Day		
09:00-10:20 AM	Dr. Saurabh Rawat	Specification for Proctor and CBR Method as Per BIS
High Tea		
10:40-12:30 PM	Dr. Saurabh Rawat Mr. Itesh Kumar Singh	<ul style="list-style-type: none"> • Optimum Moisture Content • Dry Density • Proctor Test
Lunch		
02:00-05:00 PM	Dr. Amardeep Mr. Jaswinder	<ul style="list-style-type: none"> • CBR Test • Bitumen Mix Design
Sixth Day		
09: 00- 11:30 AM	Mr. Aakash Gupta	Specification of IRC 37 for Pavement Design <ul style="list-style-type: none"> • Benkelman Beam Deflection Test
High Tea		
11:30-12:30PM	Dr. Pankaj Kumar Mr. Tanmay Gupta Mr. Jaswinder	Concrete Sample Testing (Strength Assessment) Cement Sample Testing (Strength Assessment)
12:30-01:00 PM	Dr. Amardeep Dr. Pankaj Kumar Dr Tanmay Gupta	Feedback Session
01:00-01:30PM	Prof. Ashok Kumar Gupta	Closing Ceremony

Other Salient Features

- Video Recording of all lectures by the speakers for the Workshop available with the organizing committee.
- Presentation slides of all lectures by the speakers for the Workshop available with the organizing committee and has been distributed to participants.

- Certificates of participation issued to all registered participants.
- Certificates of resource persons issued to all the listed speakers.
- Feedback collected from participants for further improvement in conducting such future online Workshops

Summary of the Participants

Types of Participants	Total No. of Registered Participants
HPPWD Assistant and Junior Engineers	25
Other Participants	50

Feedback of the Participants

Types of Participants	Total No. of Registered Participants
HPPWD Assistant and Junior Engineers (20)	Excellent (80%) Very Good (7%) Good (13%)
Other Participants (50)	Excellent (85%) Very Good (12%) Good (3%)

With Regards

Dr. Amardeep,

Program Coordinator

Department of Civil Engineering

Jaypee University of Information Technology Waknaghat

One Week Online Workshop on “Sustainable Construction Practices for Civil Engineers” 03rd-08th August 2020

A one week online workshop on “Sustainable Construction Practices for Civil Engineers” was organized by the department of Civil Engineering of Jaypee University of Information Technology (JUIT), Waknaghat from 03rd-08th August 2020.

The program was successfully completed under the auspices of

- Prof. Vinod Kumar – Vice Chancellor of JUIT Waknaghat and Patron of the organized CEP by Civil Engineering Department.
- Prof. Samir Dev Gupta – Director and Dean of Academics of JUIT Waknaghat
- Major General Rakesh Bassi (Retd.) - Registrar and Dean of Students of JUIT Waknaghat
- Prof. Ashok Kumar Gupta – HOD of Civil Engineering Department of JUIT Waknaghat and Program Chair of the organized CEP by Civil Engineering Department.
- Dr. Amardeep – Assistant Professor of Civil Engineering Department of JUIT Waknaghat and Program Convener.
- Dr. Tanmay Gupta - Assistant Professor of Civil Engineering Department of JUIT Waknaghat and Program Convener.
- Dr. Aakash Gupta – Assistant Professor of Civil Engineering Department of JUIT Waknaghat and Program Convener.

One week online workshop on “Sustainable Construction Practices for Civil Engineers” was focused on the sustainable utilization of different waste materials for construction purposes. In order to discuss regarding the same, various faculty members (Expert in their field) from Department of Civil Engineering of Jaypee University of Information Technology Waknaghat were invited. Table 1 highlights the program schedule of the conducted one week online workshop including the names along with the title of lectures (talks) delivered by them.

This one week online workshop was conducted mainly to generate awareness amongst the Field Engineers (i.e. Assistant and Junior Engineers), research scholars and academicians regarding the utilization of waste materials in construction purposes in order to create a sustainable environment i.e. buildings, highway construction etc. Beside this, this workshop also highlighted the different practices and the methodology used regarding the same across the world. The program started at 10 AM in the morning and continued till 2.00 PM in the afternoon with minimum of one lecture per day followed by live demonstration of several test in different labs. A detail summary of the topic discussed during the entire workshop is summarized in Table 1.

Table 1: Schedule and Details of Lecture presented by different speakers

03/08/20 First Day			
10:30-11:00AM	Inaugural Session		
11:00-12:00PM	Dr. Abhilash Shukla	Sustainable Construction Practices <ul style="list-style-type: none">Sustainable Concrete Construction	
12:00-02:00PM	Dr. Tanmay Gupta	Casting of Concrete Mix-Design Samples	Concrete Lab
04/08/20 Second Day			
10:00-11:00AM	Dr. Abhilash Shukla	Introduction to Sustainable Construction Materials	
11:00-12:00 PM	Dr. Abhilash Shukla	Ultra-High-Performance Concrete	
12:00-02:00PM	Dr. Tanmay Gupta	Lab testing upon Sustainable Construction Materials	Concrete Lab
05/08/20 Third Day			
10:00-11:00AM	Dr. Amardeep	Utilization of waste material in rigid pavements	
11:00-12:00 PM	Dr. Aakash Gupta	Use of RAP in construction of flexible pavement IRC 120:2015	
12:00-02:00PM	Dr. Aakash Gupta	Lab testing Reclaimed asphalt pavement	Transportation Lab
06/08/20 Fourth Day			
10:00-11:00AM	Dr. Saurabh Rawat	Reinforced Earth using Sustainable Construction Materials	
11:00-12:00 PM	Dr. Saurabh Rawat Mr. Pankaj	Pullout Testing for Reinforced earth	GeoTech Lab
12:00-02:00PM	Mr. Neeraj Singh Parihar	Soil Stabilization testing <ul style="list-style-type: none">Proctor TestCBR TestingTriaxial Test	GeoTech Lab
07/08/20 Fifth Day			
10:00-11:00AM	Mr. Neeraj Singh Parihar	Use of Industrial waste in Soil stabilization	
11:00-12:00PM	Mr. Neeraj Singh Parihar	Soil Stabilization testing continued	GeoTech Lab
12:00-02:00PM	Dr. Amardeep Dr. Aakash Gupta	Plastic Waste: Overview <ul style="list-style-type: none">Utilization of plastic in the field	
08/08/20 Sixth Day			
10:00-11:00AM	Dr. Tanmay Gupta	Concrete Sample Testing (Strength Assessment)	Concrete Lab
11:00-12:00 PM	Dr. Tanmay Gupta Dr. Amardeep Dr. Aakash Gupta	Feedback Session	
12:00-12:30PM	Prof. (Dr.) A. K. Gupta	Closing Ceremony	

The participation in the workshop was overwhelming with a large number of participants from outstation locations with some participants even joining from Jammu & Kashmir, Tamilnadu, Gujarat, Haryana and other such states. For this workshop, average ratings given by the participants were around 4.5 out of 5 and all the participants were happy with the content of the workshop as this was first of its kind workshop in which live demonstrations were there which helped them a lot to understand how things works. At last, we would like to thank the whole organizing team and the resource persons to make this workshop a big success for Department of Civil Engineering. We likewise need to express my gratitude toward Mr. Jaswinder, Mr. Amar Kumar and Mr. Rajesh Sahu for their consistent hard work during the entire workshop as it would not be conceivable to make it a major accomplishment without their magnanimous exertion. The overall summary of the participants and their feedback are as follows for your kind reference.

Other Salient Features

- Video Recording of all lectures by the speakers for the Workshop available with the organizing committee.
- Video Recording of live demonstration of various tests is available with the organizing committee.
- Presentation slides of all lectures by the speakers for the Workshop available with the organizing committee and has been distributed to participants
- Certificates of participation issued to all registered participants.
- Certificates of resource persons issued to all the listed speakers.
- Feedback collected from participants for further improvement in conducting such future online Workshops

Summary of the Participants

Types of Participants	Total No. of Registered Participants
HPPWD Assistant and Junior Engineers	50
Other Participants	100

Feedback of the Participants

Types of Participants	Feedback Score (on the scale of 1-5 i.e. poor to excellent)
HPPWD Assistant and Junior Engineers (50)	Excellent (85%) Very Good (10%) Good (5%)
Other Participants (30)	Excellent (75%) Very Good (10%) Good (10%) Average (5%)

With Regards

Dr. Amardeep, Dr. Tanmay Gupta, Dr. Aakash Gupta

Program Coordinator

Department of Civil Engineering

Jaypee University of Information Technology Waknaghat

Few Published News Clippings

Divya Himachal

जेपी यूनिवर्सिटी में भू-तकनीक पर चर्चा

वाकनाघाट में ऑनलाइन मोड में सिविल इंजीनियरों के लिए कार्यशाला का आयोजन

दिव्य हिमाचल ब्यूरो-खोलन

सिविल इंजीनियरिंग विभाग जेपी यूनिवर्सिटी ऑफ इंफॉर्मेशन टेक्नोलॉजी, वाकनाघाट (एचपी) द्वारा ऑनलाइन मोड में सिविल इंजीनियरों के लिए सतत निर्माण प्रथाओं पर कार्यशाला आयोजित की गई थी। यह कार्यशाला एक सप्ताह तक चली। कार्यशाला का उद्घाटन जेयूआईटी के कुलपति प्रो. विनोद कुमार द्वारा किया गया और शनिवार को समापन समारोह आयोजित किया गया। कार्यक्रम के संयोजक डा. तन्मय गुप्ता, डा. अमरदीप और डा. आकाश गुप्ता ने उल्लेख किया कि कार्यशाला का आयोजन

ऑनलाइन मोड में हिमाचल प्रदेश लोक निर्माण विभाग के सरकारी अधिकारियों और जेपी सूचना प्रौद्योगिकी विश्वविद्यालय के बीच मजबूत संबंध स्थापित करने के उद्देश्य से किया गया। इस कार्यशाला में बिटुमेन, भू-तकनीकी और कंक्रीट से जुड़े अवयवों की भौतिक, रासायनिक और माइक्रोस्ट्रक्चर विशेषताओं पर चर्चा की गई, ताकि कंक्रीट और कोलतार मिश्रण डिजाइन का सुरक्षित उपयोग किया जा सके। कार्यशाला में औद्योगिक कचरे से प्राप्त होने वाली निर्माण सामग्री के उपयोग पर विशेष जोर दिया गया था। प्रतिभागियों को परीक्षण और कोडल प्रावधानों का एक्सपोजर



देने के लिए लाइव लेबोरेटरी सेशन आयोजित किए गए थे। उपरोक्त कार्यशाला के लिए एचपीपीडब्ल्यूडी से सहायक अभियंता और कनिष्ठ अभियंताओं और विभिन्न शैक्षणिक व्यक्तियों सहित 100 से अधिक प्रतिभागियों को पंजीकृत किया गया है। सिविल इंजीनियरिंग प्रमुख प्रो. अशोक कुमार गुप्ता ने कार्यशाला का समापन शनिवार को किया।

दिव्य हिमाचल

Sun, 09 August 2020

<https://epaper.divyahimachal.com/c/54093520>



Dainik Savera

JP विश्वविद्यालय ने PWD अधिकारियों के लिए करवाई ऑनलाइन कार्यशाला

नई दिल्ली, 11 अगस्त (सवेरा) : सिविल इंजीनियरिंग विभाग, जे.पी. यूनिवर्सिटी ऑफ इंफॉर्मेशन टेक्नोलॉजी, वाकनाघाट (एच.पी.) द्वारा ऑनलाइन 'सिविल इंजीनियरों के लिए सतत निर्माण प्रथाओं' पर एक सप्ताह की कार्यशाला आयोजित की गई थी। कार्यशाला का उद्घाटन, जे.यू.आई.टी. के कुलपति प्रो. विनोद कुमार, द्वारा किया गया और शनिवार को समापन समारोह आयोजित किया गया। कार्यक्रम के संयोजक डा. तन्मय गुप्ता, डा. अमरदीप और डा. आकाश गुप्ता ने उल्लेख किया कि कार्यशाला

कंक्रीट से जुड़े अवयवों की विशेषताओं पर की गई चर्चा

का आयोजन ऑनलाइन मोड में हिमाचल प्रदेश लोक निर्माण विभाग के सरकारी अधिकारियों और जे.पी. सूचना प्रौद्योगिकी विश्वविद्यालय के बीच मजबूत संबंध स्थापित करने के उद्देश्य से किया गया। कार्यशाला में भू-तकनीकी और कंक्रीट से जुड़े अवयवों की भौतिक, रासायनिक और माइक्रोस्ट्रक्चर विशेषताओं पर चर्चा की गई। कार्यशाला में औद्योगिक कचरे से प्राप्त होने वाली निर्माण

सामग्री के उपयोग पर विशेष जोर दिया गया। प्रतिभागियों को परीक्षण और कोडल प्रावधानों का एक्सपोजर देने के लिए लाइव लेबोरेटरी सेशन आयोजित किए गए। उपरोक्त कार्यशाला के लिए एच.पी. पी.डब्ल्यू.डी. से सहायक अभियंता और कनिष्ठ अभियंताओं और विभिन्न शैक्षणिक व्यक्तित्वों सहित 100 से अधिक प्रतिभागियों को पंजीकृत किया गया है। सिविल इंजीनियरिंग प्रमुख प्रो. अशोक कुमार गुप्ता ने कार्यशाला का समापन 8 अगस्त को किया।

One-week online workshop for PWD officers concludes

Excelsior Correspondent

NEW DELHI, Aug 10: One-week workshop conducted by the Department of Civil Engineering, Jaypee University of Information

of Himachal Pradesh Public Works Department (HPPWD) and Jaypee University of Information Technology.

In this workshop, the physical, chemical, and microstructure char-



Participants of workshop posing for group photograph.

acteristics of bitumen, soil and concrete-linked ingredients were discussed, to make safe use of concrete and bitumen mixture design. Special emphasis was given on use of sustainable construction materials which are obtained from industrial waste.

Technology, Wagnaghat (HP) in online mode on "Sustainable construction practices for Civil Engineers" concluded.

The inauguration of the workshop was done by JUIT Vice Chancellor Prof Vinod Kumar. The Convener of the program, Dr Tanmay Gupta, Dr Amardeep and Dr Aakash Gupta mentioned that the workshop was organized in online mode for the purpose of establishing a strong relationship between the Government officials

Live laboratory sessions were held for the participants in order to give them exposure to testing and codal provisions.

More than 100 participants including Assistant Engineers and Junior Engineers from HPPWD and various academic personalities have been registered for the above workshop.

Professor Ashok Kumar Gupta, HOD CED did the closing ceremony of the workshop.

of Himachal Pradesh Public Works Department (HPPWD) and Jaypee University of Information Technology.

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जेपी यूनिवर्सिटी ऑफ इंफॉर्मेशन टेक्नोलॉजी (जेयूआईटी), वाकनाघाट (हिमाचल) की ओर से आयोजित कार्यशाला में उपस्थित अधिकारी व अन्य।

जेपी विश्वविद्यालय ने पीडब्ल्यूडी अधिकारियों के लिए आयोजित की कार्यशाला

नई दिल्ली, (वि.) : जेपी यूनिवर्सिटी ऑफ इंफॉर्मेशन टेक्नोलॉजी (जेयूआईटी), वाकनाघाट (हिमाचल) के सivil इंजीनियरिंग विभाग ने हाल ही में पीडब्ल्यूडी अधिकारियों के लिए एक सप्ताह की कार्यशाला का आयोजन किया। कार्यशाला का उद्घाटन तीन अगस्त को जेयूआईटी के कुलपति प्रो. विनोद कुमार ने किया था।

कार्यक्रम के संयोजक डॉ. तन्मय गुप्ता, डॉ. अमरदीप और डॉ. आकाश गुप्ता ने बताया कि वर्चुअल प्लेटफॉर्म पर इस कार्यशाला का

आयोजन हिमाचल प्रदेश लोक निर्माण विभाग (एचपीपीडब्ल्यूडी) के अधिकारियों और जेयूआईटी के बीच मजबूत संबंध स्थापित करने के उद्देश्य से किया गया। इस कार्यशाला में विटुमेन, भू-तकनीकी और कंक्रीट से जुड़े अवयवों की भौतिक, रासायनिक और व अन्य विशेषताओं पर चर्चा की गई, ताकि कंक्रीट और कोलतार मिश्रण का सुरक्षित उपयोग किया जा सके। कार्यशाला में औद्योगिक कचरे से प्राप्त होने वाली निर्माण सामग्री के उपयोग पर विशेष जोर दिया गया था।

Report
One Week Workshop on
“Sustainable Highway Infrastructure”

A one-week workshop on “Sustainable Highway Infrastructure” was organized by the Department of Civil Engineering, JUIT Waknaghat from 17th November 2020 to 23rd November 2020, in online mode. The workshop was focused on the current practices adopted in the field for the construction of flexible and rigid pavement while considering different waste materials as the replacement of bitumen and cement.

The program was successfully completed under the auspices of:

- Prof. Vinod Kumar – Vice Chancellor of JUIT Waknaghat and Patron of the organized CEP by the Department of Civil Engineering.
- Prof. Samir Dev Gupta – Director and Dean of Academics of JUIT Waknaghat
- Major General Rakesh Bassi (Retd.) - Registrar and Dean of Students of JUIT Waknaghat
- Prof. Ashok Kumar Gupta – HOD, Department of Civil Engineering, JUIT Waknaghat and Program Chair of the organized CEP by the Department of Civil Engineering.
- Dr. Amardeep – Assistant Professor, Department of Civil Engineering, JUIT Waknaghat and Program Convener.
- Dr. Aakash Gupta – Assistant Professor, Department of Civil Engineering, JUIT Waknaghat and Program Convener.
- Dr. Tanmay Gupta – Assistant Professor, Department of Civil Engineering, JUIT Waknaghat and Program Convener.

Workshop Schedule

17/11/20 First Day			
09:30-10:00AM	Inaugural Session		
10:00-11:00PM	Dr. Amardeep	Rigid Pavement <ul style="list-style-type: none">• Current Practices	
11:00-01:00PM	Dr. Amardeep	Different Test for <ul style="list-style-type: none">• Aggregate• Cement (with and without waste materials)	Concrete Lab
18/11/20 Second Day			
10:00-01:00PM	Dr. Amardeep	Mix-Design for Rigid Pavement <ul style="list-style-type: none">• Without Waste Material• With Waste Materials	
19/11/20 Third Day			
10:00-11:00PM	Dr. Aakash Gupta	Flexible Pavement <ul style="list-style-type: none">• Methods of Construction• Current Practices based on utilization of different waste materials	
11:00-01:00PM	Dr. Aakash Gupta	Live Test on <ul style="list-style-type: none">• Penetration• Ductility• Softening Point• Flash and Fire etc	Highway Lab
20/11/20 Fourth Day			
10:00-11:00PM	Dr. Aakash Gupta	Use of RAP in construction of flexible pavement IRC 120:2015	
11:00-01:00PM	Dr. Aakash Gupta	Lab testing Reclaimed asphalt pavement	Highway Lab
21/11/20 Fifth Day			
10:00-11:00PM	Mr. Akash Bhardwaj	<ul style="list-style-type: none">• Planning and Design Concept for Pedestrians• IS Code provisions for pedestrians and Urban Roads	
11:00-01:00PM	Mr. Akash Bhardwaj	Planning and Design Concept for Urban Street/Roads	
23/11/20 Sixth Day			
10:00-12:00PM	Dr. Amardeep	<ul style="list-style-type: none">• Concrete Sample Testing (Strength Assessment)• Feedback Session	Concrete Lab
12:00-12:30PM	Prof. (Dr.) A. K. Gupta	Closing Ceremony	

Other Salient Features

- Video Recording of all lectures by the speakers for the Workshop available with the organizing committee.
- Presentation slides of all lectures by the speakers for the Workshop available with the organizing committee and has been distributed to participants.
- Certificates of participation issued to all registered participants.
- Certificates of resource persons issued to all the listed speakers.
- Feedback collected from participants for further improvement in conducting such future online Workshops

Summary of the Participants

<i>Types of Participants</i>	<i>Total No. of Registered Participants</i>
HPPWD Assistant and Junior Engineers	20
Other Participants	60

Feedback of the Participants

<i>Types of Participants</i>	<i>Total No. of Registered Participants</i>
HPPWD Assistant and Junior Engineers (20)	Excellent (88%) Very Good (8%) Good (4%)
Other Participants (60)	Excellent (85%) Very Good (12%) Good (3%)

With Regards

Dr. Amardeep,

Program Coordinator

Department of Civil Engineering

Jaypee University of Information Technology Waknaghat

Report

Six Day Online Workshop on

“Innovative Solutions for Sustainable Constructions in Civil Engineering”

A six day online workshop on “Innovative Solutions for Sustainable Constructions in Civil Engineering” was organized by the Department of Civil Engineering. The program was organized from 4th October 2021 to 9th October 2021 (6 Days). The workshop was designed for the Academicians/Engineers and Engineering students to give an exposure to the new innovative ideas and current sustainable construction practices in Civil Engineering in order to create a sustainable environment.

The program was successfully completed under the auspices of:

- Prof. (Dr.) Rajendra Kumar Sharma - Vice Chancellor of JUIT Waknaghat and Patron of the organized CEP by the Department of Civil Engineering.
- Prof. (Dr.) Ashok Kumar Gupta (Dean Academics & Research)
- Prof. (Dr.) Ashish Kumar – HOD, Department of Civil Engineering, JUIT Waknaghat and Program Chair of the organized CEP by the Department of Civil Engineering.
- Dr. Amardeep – Assistant Professor, Department of Civil Engineering, JUIT Waknaghat and Program Convener.

Workshop Schedule

“Innovative Solutions for Sustainable Constructions in Civil Engineering”

Faculty Name	Designation	Date	Time	Topic
Dr. Nikhil Saboo	Assistant Professor Department of Civil Engineering, IIT Roorkee	04-10- 2021	10:00 – 12:00 AM	Mix Design Concepts for Reclaimed Asphalt Pavement Materials
Dr. Arnav Anuj Kesar	Assistant Professor, Department of Civil Engineering, Jaypee University of Information Technology Waknaghat		03:00 – 05:00 PM	Earthquake Sustainability
Dr. Bhupendra Singh,	Assistant Professor Department of Civil Engineering, IIT Jodhpur	05-10- 2021	10:00 – 12:00 AM	Advances in Cold Mix Asphalt
Er. Saurabh Jaglan	Assistant Professor, Department of Civil		03:00 – 05:00 PM	Use of Waste Materials and New

	Engineering, DCRUST Murthal University			Technology in Rural Road Development
Dr. Surender Singh	Assistant Professor Department of Civil Engineering, IIT Madras	06-10- 2021	10:00 – 12:00 AM	Use of Innovative Materials for Rigid Pavement
Dr. Sugandha Singh	Assistant Professor, Department of Civil Engineering, Jaypee University of Information Technology Waknaghat		03:00 – 05:00 PM	Understanding the behavior of non- structural elements subjected to ground motions in sustainable planning
Dr. Saurav	Assistant Professor, Department of Civil Engineering, Jaypee University of Information Technology Waknaghat	07-10- 2021	10:00 – 12:00 AM	Understanding Viscoelastic modeling of creep at low temperature and constitutive equations
Dr. Solomon Debbarma	Adjunct Lecturer & Postdoctoral Associate, Ingram School of Engineering, Texas State University, USA		03:00 – 05:00 PM	Use of RAP for Roller Compacted Concrete Pavements
Dr. Kumari Monu	Assistant Professor, Department of Civil Engineering, Thapar University	08-10- 2021	10:00 – 12:00 AM	Alternative Mix Design Processes Involved in Flexible Pavements
Mr. Rohan Singhal	Assistant Professor, Department of Civil Engineering, Jaypee University of Information Technology Waknaghat		03:00 – 05:00 PM	Lean and green
Mr. Akhilesh Gandhi	Assistant Professor, Department of Civil Engineering, Jaypee University of Information Technology Waknaghat	09-10- 2021	10:00 – 11:00 AM	Environmental Sustainability in a Life Cycle of a Project

Other Salient Features

- Video Recording of all lectures by the speakers for the Workshop available with the organizing committee.
- Presentation slides of all lectures by the speakers for the Workshop available with the organizing committee and has been distributed to participants.
- Certificates of participation issued to all registered participants.
- Certificates of resource persons issued to all the listed speakers.
- Feedback collected from participants for further improvement in conducting such future online Workshops

Summary of the Participants

<i>Types of Participants</i>	<i>Total No. of Registered Participants</i>
HPPWD Assistant and Junior Engineers	30
Other Participants	70

Feedback of the Participants

<i>Types of Participants</i>	<i>Total No. of Registered Participants</i>
HPPWD Assistant and Junior Engineers (30)	Excellent (83%) Very Good (14%) Good (3%)
Other Participants (40)	Excellent (75%) Very Good (23%) Good (2%)

With Regards

Dr. Amardeep,

Program Coordinator

Department of Civil Engineering

Jaypee University of Information Technology Waknaghat