

JSS Mahavidyapeetha JSS Academy of Technical Education Department of Civil Engineering



FACULTY PROFILE

1. Personal Details

NAME	DR. BISHNU KANT SHUKLA	
DEPARTMENT	CIVIL ENGINEERING	
DESIGNATION	ASSISTANT PROFESSOR	
PHONE	8284942192	
EMAIL ID	bishnukantshukla@jssaten.ac.in	
Date of Joining (JSSATEN)	01/12/2020	

2. Experience

Total	Teaching: 7.8 Years	Industry: 0	Research: 8 Years
Experience in			
Years			

3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.Tech	Civil Engineering		_	Uttar Pradesh Technical University
.M.Tech	Water Resources Engineering	2016	N.I.T. Kurukshetra	N.I.T. Kurukshetra
Ph.D	Civil Engineering		Lovely Professional University	Lovely Professional University

4. Research & Publications

Papers Published in Web of International: 38	National: NIL
Science indexed Journals	
Papers Published in International: 68	National: NIL
SCOPUS	
indexed Journals	

Papers Published in other	International: 06	National: 03	
Journals			
Papers Presented in	International: 68	National: 21	
Conferences / Symposium			
Books / Book chapters	Name of the book: NIL		
Published	Publisher:		
	Year of Publication:		
	Name of the book: NIL		
	Publisher:		
	Year of Publication:		

5. Research Guidance

PhD Guide? Give field & University	NIL	-
PhDs / Projects Guided	NIL	Projects at Master's Level: 04 Projects at Bachelor's Level: 28

6. Grants

i. Funds Received (Projects)

Project Name	Grant	Date of	Duration	Grant issuing authority/ Body /
	Amount	receiving		Organization
		the Grant		
Assessing the suitability of	Rs. 10,49,000	17/03/2022	2 years	Council of Scientific and Industrial
Imperial Smelting Furnace Slag				Research, Govt. of India
(ISFS) as a construction				
material in Flexible and Rigid				
Pavements				

ii. Patents

Sl. No.	Title Details	Details of award of patent / Filed
	Details of Indian Patents	
1	Sustainable Rotating Biological Contactor	Application No.201911048071 A;
		Publication Date: 06/12/2019
2	* * *	Application No.201911049478 A; Publication Date : 20/12/2019
3		Application No.201911050250 A; Publication Date: 20/12/2019
4	9 2 2	Application No.201911052267 A; Publication Date : 20/12/2019
5		Application No.201911049743 A;
	Discharge for Surface Irrigation	Publication Date: 03/01/2020

6	Passive Smokers Mask	Application No.202011044332 A;
		Publication Date: 23/10/2020
7		Application No.202011045822 A;
		Publication Date: 06/11/2020
8		Application No.202011045820 A; Publication Date: 13/11/2020
9		Application No.202011047070 A;
		Publication Date: 13/11/2020
10		Application No.202011047857 A; Publication Date: 13/11/2020
11		Application No. 202111049236A;
11		Patent No. 409116;
		,
		Publication Date: 05/11/2021;
1.0		Date of Grant: 17/10/2022
12		Application No. 202111049873 A; Publication Date: 12/11/2021
12		
13	=	Application No. 202011041694A;
		Publication Date: 25/09/2020
14	Aggrandizing the mechanical behaviour and environmental benefit of Rigid Pavement using Imperial Smelting Furnace Slag (ISFS)	* *
15	Aggrandizing the mechanical behaviour and environmental	Application No. 202211063794A;
	benefit of Flexible Pavement using Imperial Smelting Furnace Slag (ISFS)	
16	IoT Based Irrigation System Using Soil Moisture Sensor in	Application No. 202241065251A;
	Agriculture Field	Publication Date: 25/11/2022
17	~ *	Application No. 202241069863A; Publication Date: 09/12/2022
18		Application No. 202211069977A;
		Publication Date: 09/12/2022
19		Application No. 202211068934A;
		Publication Date: 09/12/2022
20	Development of Eco-Friendly Concrete using Industrial Waste	Application No. 202311000219A;
	such as Flyash, Imperial Smelting Furnace Slag, Stone Dust with Hooked Steel Fibre	Publication Date: 13/01/2023
21		Application No. 202211000421A.
21	Development of Eco-Friendly and Sustainable Concrete using	
	Imperial Smelting Furnace Slag, Construction & Demolition	rubilcation Date: 13/01/2023
	Waste, Waste Marble Powder and Metakaolin	1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
22	Manufacturing of Zero Carbon Emission Bricks using Wheat Husk, Sand and Local Soil	Application No. 202311000498A; Publication Date: 13/01/2023
23	Block Chain Based Centralized Cloud Application in Smart Cities	
23		Publication Date: 20/01/2023
24		Application No. 202211070770A;
		Publication Date: 20/01/2023
25		Application No. 202341005738A;
	The state of the s	Publication Date: 19/05/2023
26	Small Scale Machine for Recycling of Aggregate Concrete	
		Filing Date: 11/04/2023;
		Status: Granted
27		Application No. 378815-001;
		Filing Date: 11/04/2023;
		Status: Granted
		otatas. Otanica

28	Transportable Oxygen Delivery Device	Application No. 381070-001;
		Filing Date: 09/06/2023;
		Status: Granted
29	Solar Desalination System	Application No. 385384-001;
	·	Filing Date: 01/05/2023;
		Status: Granted
30	Air Pollution Monitor	Application No. 386121-001;
		Filing Date: 12/05/2023;
		Status: Granted
31	Blood Cancer Detection Device	Application No. 388723-001;
		Filing Date: 21/06/2023;
		Status: Granted
32	Solid Waste Disposal Unit	Application No. 393049-001;
		Filing Date: 18/08/2023;
		Status: Granted
33	Pumping Unit for Irrigation	Application No. 395859-001;
		Filing Date: 23/09/2023;
		Status: Granted
34	IoT based Biogas Leakage Detecting Device	Application No. 399711-001;
		Filing Date: 10/11/2023;
		Status: Granted
35	Weather Forecasting System	Application No. 399731-001;
		Filing Date: 10/11/2023;
		Status: Granted
36	Smart Laser-Assisted Dual Toner Cartridge Printer	Application No. 407678-001;
		Filing Date: 15/02/2024;
38	AI-Enabled Construction and Demolition Waste Separate	
	Adjustable Dividers	Filing Date: 15/02/2024;
	Details of Australian Pate	
39	Snow Free Roof	Application No.
		AU2021106633A4;
		Date of Application: 23/08/2021
4.0		Date of Publication: 25/11/2021
40	Passive Smokers Mask	Application No.
		AU2021106233A4;
		Date of Application: 20/08/2021
4.4	A D CC C A L C A L	Date of Publication: 16/12/2021
41	A Purifying Smoking Mask	Application No.
		AU2021106631A4;
		Date of Application: 23/08/2021
		Date of Publication: 16/12/2021

iii. Consultancy

Title of the work	Amount in Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
NIL	-	-	-	-

7. Awards Received

- 1. Received "Best Paper Award" for the research paper Entitled "Surface Jet Aerators in Waste Water Treatment: A Comprehensive Review", at National Conference: Advanced Structures, Materials And Methodology in Civil Engineering (ASMMCE-2018) held at National Institute of Technology, Jalandhar, India on 3rd -4th November 2018
- 2. Received "Best Paper Award" for the research paper Entitled "Synthetic Fiber Reinforcement in Pavement Construction", at International Conference on Sustainable Environment and Civil Engineering (ICSECE-2019) held at Easwari Engineering College, Chennai, India on 28th -29th March 2019

"Best Paper Award"

3. Received "Best Paper Award" for the research paper Entitled "Compressive Strength Enhancement of Pervious Concrete Using Polymer Fiber", at 3rd International Conference on Recent Advances In Fundamental And Applied Sciences (RAFAS-2021) held at Lovely Professional University, Phagwara, India on 25th -26th June 2021

8. Publications

i. International Journals

SI.	Title of the paper	Name(s) of	Name of the Journal	Volume No. Issue No.	WOS / Sco	Impact Factor/	Publishe r
N		Author(s)		Year	pus	SJR	
0.					Bot h		
1	Study on oxygen transfer by solid jet aerator with multiple openings	Shukla, B.K. and Goel, A.	Engineering Science and Technology, an International Journal	21(2):2018	Scopus & WoS	5.76	Elsevier B.V.
2	A Comprehensive Review of Surface Jet Aerators	Shukla, B.K., Rajesh Kumar, V. and Goel, A.	Pollution Research	37(May Suppl.):2018	Scopus	0.159	EM Internati onal
3	Experimental Studies on the Effect of Variation in Jet Length on Oxygenation Performance of Elliptical Shaped Solid Jet Aerator	Kumar, V. and Goel,	Journal of Advanced Research in Dynamical and Control Systems	10(08):2018	Scopus	0.129	Institute of Advance d Scientifi c Research
4	An Empirical Investigation of Lateral Placement of Vehicles on Multi-lane Highways Using Infra-	Singh, S., Shukla, B.K. and Santhaku mar, S.M.	International Journal of Research and Analytical	05(04):2018			

	Red Sensor Data		Reviews				
5	A Study on Lane- Based Capacity of Four-Lane Rural Highways with Heterogeneous Traffic	Singh, S., Shukla, B.K. and Santhaku mar, S.M.	International Journal of Research and Analytical Reviews	05(04):2018			
6	Fly Ash from Industry to Society: A Sustainable Approach	Sharma, P.K., Shukla, B.K. and Sharma, A.	International Journal of Research and Analytical Reviews	05(04):2018			
7	Quantitative Assessment of Jet Length and Circular Opening Multiplicity Variations on Oxygenation Efficiency of Solid Jet Aerators	Shukla, B.K., Sharma, P.K. and Goel, A.	International Journal of Research and Analytical Reviews	05(04):2018			
8	An Experimental Evaluation of Oxygenation Efficiency: Influence of Variation in Jet Thickness and Discharge Dynamics in Hollow Jet Aeration Systems	Shukla, B.K., Sharma, P.K. and Goel, A.	International Journal of Research and Analytical Reviews	06(01):2019			
9	Physico-Chemical Parameters and Status of Ground Water Pollution in Jalandhar- Phagwara Region	Shukla, B.K., Bhowmik, A.R., Bhargav Raj, R. and Sharma, P.K.	Journal of Green Engineering	9(02):2019	Scopus		Alpha Publishe rs
10	on Effect of Variation in Opening Shape on Oxygenation Performance of Surface Jet Aerators used in Water and Wastewater Treatment	Shukla, B.K., Khan, A., Saikiran, G. and Sriram, M.	Journal of Green Engineering	9(03):2019	Scopus	0.194	Alpha Publishe rs
11	Use of Waste Synthetic Fiber Reinforcement in Environment Friendly and Economic	Shukla, B.K., Bhowmik, A.R., Sharma,	Journal of Green Engineering	10(01):2019	Scopus	0.194	Alpha Publishe rs

	Pavement Construction	P.K. and Abhimany u					
12	Pollution Status and Water Quality Assessment in Pre- Monsoon Season-A Case Study of Rural Villages in Allahabad District, Uttar Pradesh, India	Shukla, B.K., Gupta, A., Sharma, P.K. and Bhowmik, A.R.	Materials Today: Proceedings	32(04):2020	Scopus & WoS	0.341	Elsevier B.V.
13	Study on Oxygenation Performance of Solid Jet Aerator having Circular Opening corresponding to Variable Jet Length and Flow Area	Shukla, B.K., Sharma, P.K. and Goel, A.	Journal of Physics: Conference Series	1531: 2020	Scopus	0.599	Institute of Physics Publishi ng
14	Physico-Chemical Study of Some Surface Water Bodies of Punjab	Shukla, B.K., Sharma, P.K. and Khan, M.A.	Journal of Physics: Conference Series	1531: 2020	Scopus	0.599	Institute of Physics Publishi ng
15	Use of System Dynamics Forecasting Model in Transportation System to Reduce Vehicular Emissions-A Mathematical Approach	Singh, S., Shukla, B.K. and Sharma, P.K.	Journal of Physics: Conference Series	1531: 2020	Scopus	0.599	Institute of Physics Publishi ng
16		Shukla, B.K., Goel, A. and Sharma, P.K.	Journal of Green Engineering	10(06): 2020	Scopus	0.194	Alpha Publishe rs
17	Statistical Analysis of Water Quality Parameters of Domestic Wastewater in the City of Srinagar, Jammu and Kashmir, India - A Case Study	Shukla, B.K., Bashir, M., Sharma, V. and Abhimany u	Journal of Critical Reviews	07(03): 2020			Innovare Academi cs Sciences Pvt. Ltd
18	Role of Mega Hydro Power Projects: A Case Study of Ranjit Sagar Dam, Pathankot, India	Gupta, D.K., Sharma,	Journal of Emerging Technologie s and Innovative Research	07(06): 2020			

19	Mix Design and Factors Affecting Strength of Pervious Concrete	Shukla B.K. and Gupta A.	Advances in Structural Engineering and Rehabilitati on. Lecture Notes in Civil Engineering	38: 2020	Scopus & WoS	0.108	Springer Nature
20	A Review on Energy- Efficient and Sustainable Urban Buildings	Shukla, B.K., Rashid, H.O., Bhowmik, A.R. and Sharma, P.K.	Advances in Renewable Energy and Sustainable Environmen t, Lecture Notes in Electrical Engineering	667: 2021	Scopus	0.134	Springer Nature
21	An Analytical Investigation of Surface Water Quality and Pollution Status in Srinagar, Jammu and Kashmir, India	Sharma, P.K. and Abhimany u	Journal of Green Engineering	11(01): 2021	Scopus	0.194	Alpha Publishe rs
22	Cost and Feasibility Analysis of Chromium Removal from Water Using Agro and Horticultural Wastes as Adsorbents	Sharma P.K., Ayub S., Shukla B.K.	RILEM Bookseries	29: 2021	Scopus	0.236	Springer Nature
23	A Comparative Study on the Sustainability of Public and Private Road Transportation Systems in an Urban Area: Current and Future Scenarios	Singh S., Shukla B.K.	RILEM Bookseries	29: 2021	Scopus	0.236	Springer Nature
24	Analysis of Traffic Flow Characteristics Based on Area- Occupancy Concept on Urban Arterial Roads Under Heterogeneous Traffic Scenario—A Case Study of Tiruchirappalli City	Singh, S., Vidya, R., Shukla, B.K. and Moses Santhaku mar, S.	Advances in Water Resources and Transportati on Engineering . Lecture Notes in Civil Engineering	149: 2021	Scopus	0.108	Springer Nature
25	Effects of Modifiers on the Properties of Asphalt for	Bansal, V., Shukla, B.K. and	Journal of Physics: Conference	2267(1):2022	Scopus & WoS	0.599	Institute of Physics

	Sustainable and Improved construction	Sharma, P.K.	Series				Publishi ng
	of Flexible Pavements	1 .11.					115
26		Bansal, V., Shukla, B.K. and Sharma, P.K.	Journal of Physics: Conference Series	2267(1):2022	Scopus & WoS	0.599	Institute of Physics Publishi ng
27		Shukla,	Materials Today: Proceedings	61(02): 2022	Scopus & WoS	0.341	Elsevier B.V.
28	Sustainable design of textile industry effluent treatment plant with constructed wetland	Shenoy, A., Shukla, B.K. and Bansal, V.	Materials Today: Proceedings	61(02): 2022	Scopus & WoS	0.341	Elsevier B.V.
29	from small scale dye shop using water hyacinth	Shenoy, A., Bansal, V. and Shukla, B.K.	Materials Today: Proceedings	61(02): 2022	Scopus & WoS	0.341	Elsevier B.V.
30	Identification and Analysis of Factors of Delay in Road Construction Projects	Shukla, B.K., Bansal, V., Varadhraja n, S., Bharti, G., Shenoy, A., Singh, U.K. and Kirthabashr i, S.V.	Lecture Notes in Civil Engineering (ISSN: 2366-2557)	280: 2023	Scopus	0.108	Springer Nature
31	of replacing industrial wastes with fine	•	Lecture Notes in Civil Engineering (ISSN: 2366-2557)	281: 2023	Scopus	0.108	Springer Nature
32	Utilization of flyash in concrete: A state of the Art review	Varadharajan, S., Kirthanashri, Maurya, N., Bishetti, P., Shukla, B.K. and Bharti, G.	Lecture Notes in Civil Engineering (ISSN: 2366-2557)	281: 2023	Scopus	0.108	Springer Nature
	Use of Waste marble dust and Waste glass powder and bacterial solution for manufacture of ecofriendly concrete	Varadharajan, S., Kirthanashri, Tiwari, A., Jaiswal, A. and Shukla, B.K.	Lecture Notes in Civil Engineering (ISSN: 2366-2557)	281: 2023	Scopus	0.108	Springer Nature

	Aggregate in Concrete	Varadharajan, S. Shukla, B.K.	Lecture Notes in Civil Engineering (ISSN: 2366-2557) Lecture	281: 2023 281: 2023	Scopus	0.108	Springer Nature
	Study on Paving Blocks Using Plastic Waste	Manjunath, B.N. and Shukla, B.K.	Notes in Civil Engineering (ISSN: 2366-2557)		Scopus		Springer Nature
36	Enhanced Landfill Mining Waste Valorization Techniques: A Methodological Review	Dar, S.A., Sharma, P.K. and Shukla, B.K.	Lecture Notes in Civil Engineering (ISSN: 2366-2557)	281: 2023	Scopus	0.108	Springer Nature
37	A Comprehensive Review of Mass Transfer Phenome-non in Gas-Liquid Phase Flow during Aeration in Wastewater Treatment	Imtiyaz, I., Krishnakant, Shukla, B.K., Varadharajan, S. and Bharti, G.	Lecture Notes in Civil Engineering (ISSN: 2366-2557)	281: 2023	Scopus	0.108	Springer Nature
38	Effect of Self-Healing Concrete on Modular Structure	Bharti, G., Shukla, B.K., Srinivasan, V., Singh, A., Kirthanashri, S.V. and Bishetti, P.	Lecture Notes in Civil Engineering (ISSN: 2366-2557)	281: 2023	Scopus	0.108	Springer Nature
39	ANN model for prediction of compressive and tensile strength of bacterial concrete	Varadharajan, S., Kirthanashri, S.V., Shahban, M., Shukla, B.K. and Bharti, G.	Lecture Notes in Civil Engineering (ISSN: 2366-2557)	281: 2023	Scopus	0.108	Springer Nature
40	Behavior of Irregular Steel Building Frames	A. and Shukla, B.K.	Lecture Notes in Civil Engineering (ISSN: 2366-2557)	281: 2023	Scopus	0.108	Springer Nature
41	Behaviour of Fibre Reinforced Polymer Laminates Strengthening Prestressed Concrete Beams	Hurukadli, P., Bharti, G. and Shukla, B.K.	Materials Today: Proceedings (ISSN: 2214-7853)	78(04): 2023	Scopus & WoS	0.341	Elsevier B.V.
42	Impact of using a Blend of Bagasse Ash	Arya, P., Patel, S.B., Bharti,	Materials Today:	78(04): 2023	Scopus & WoS	0.341	Elsevier B.V.

	and Polyester Fiber in Black Cotton Soil for Improvement of Mechanical and	G., Shukla, B.K. and Hurukadli, P.	Proceedings (ISSN: 2214-7853)				
	Geotechnical Properties of Soil						
	Deflection of Reinforced Concrete	Hurukadli, P., Bharti, G., Shukla, B.K., Garg, P. and Tripathi, A.	Materials Today: Proceedings (ISSN: 2214-7853)	DOI: https://doi.org/10 .1016/j.matpr.20 23.03.321	Scopus & WoS	0.341	Elsevier B.V.
44	Environmental Impact Analysis and Utilization of Copper Slag for Stabilising Black Cotton Soil	Bharti, G., Parikshit, N.H., Sihag, P., Tripathi, A., Shukla, B.K. and Jagudi, S.	Materials Today: Proceedings (ISSN: 2214-7853)	DOI: https://doi.org/10 .1016/j.matpr.20 23.04.305	Scopus & WoS	0.341	Elsevier B.V.
45	Constructing a Greener Future: Comprehensive Review on the Sustainable Use of Fly Ash in the Construction Industry and Beyond	Shukla, B.K., Gupta, A., Gowda, S. and Srivastav, Y.	Materials Today: Proceedings (ISSN: 2214-7853)	93(03): 2023	Scopus & WoS	0.341	Elsevier B.V.
46	Reinforcing Civil Infrastructure with Waste Glass-Enhanced Concrete: A Comprehensive Review of Properties, Performance and Applications	Maurya, N., Srivastav, Y., Rawat, S., Ranjan, Y., Srivastav, R., Shukla, B.K. and Varadharajan, S.	Materials Today: Proceedings (ISSN: 2214-7853)	93(03): 2023	Scopus & WoS	0.341	Elsevier B.V.
47	Advancements in Sensor-Based Technologies for Precision Agriculture: An Exploration of Interoperability, Analytics and Deployment Strategies	Shukla, B.K., Maurya, N., Sharma, M.	Engineering Proceedings (ISSN: 2673-4591)	58(1): 2023	Scopus	0.306	MDPI
48	Analytical Study on the Effect of Steel Fiber in the Deflection of Pre-Stressed Concrete Beams	Parikshit, P., Garg, P., Bharti, G., Tripathi, A. and Shukla, B.K.	IOP Conference Series: Earth and Environmen tal Science (ISSN: 1755-1307)	1110: 2023	Scopus & WoS	0.197	Institute of Physics Publishi ng
49	Physico-Chemical Analysis of Groundwater in	Singh, S., Singh, V.P., Garg, P. and	IOP Conference Series:	1110: 2023	Scopus & WoS	0.197	Institute of Physics

	Noida-Ghaziabad Region	Shukla, B.K.	Earth and Environmen tal Science (ISSN: 1755-1307)				Publishi ng
50	Overview of Vital Water Quality Parameters	Shukla, B.K., Teeli, M.A., Shukla, S., Chandra, R., Bharti, N., and Singh, U.	Lecture Notes in Civil Engineering (ISSN: 2366-2557)	439: 2024	Scopus	0.108	Springer Nature
51	Application of Nanomaterials in Water Purification: A Thematic Review	Shukla, B.K., Singh, R.D., Singh, N., Singh, S., Burman, Y.K., and Singh, R.	Lecture Notes in Civil Engineering (ISSN: 2366-2557)	439: 2024	Scopus	0.108	Springer Nature
52	Prediction of the Subgrade Soil California Bearing Ratio Using Machine Learning and Neuro- Fuzzy Inference System Techniques: A Sustainable Approach in Urban Infrastructure Development		Urban Science (ISSN: 2413-8851)	08(01): 2024	Scopus & WoS	2.00	MDPI
53	Integrated Water Resources Management (IWRM) in the Geospatial Epoch: An	Shukla, B.K., Tripathi, A., Nagavi, J.C., Prasad, S., Sahoo, M. Chaudary, S., Ayush and Verma, S.	Sustainable Developmen t and Geospatial Technology - Volume 2: Applications and Future Directions	Accepted	Scopus	0.108	Springer Nature
54	Quantitative Geospatial Analysis of Sedimentation Rates in Bhadar Reservoir through Advanced Remote Sensing & GIS Techniques	Tripathi, A., Bansal, V., Shukla, B.K., Chauhan, H.L., Bharti, G. and Verma, S.	Sustainable Developmen t and Geospatial Technology - Volume 2: Applications and Future Directions	Accepted	Scopus	0.108	Springer Nature
55	Technology for Sustainable Development: A	Nagavi, J.C., Shukla, B.K., Bhati, A., Rai, A. and Verma, S.	Sustainable Developmen t and Geospatial Technology - Volume 1: Foundations and	Accepted	Scopus	0.108	Springer Nature

	Innovations		

ii. National Journals

Sl. No.	Title of thepaper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1	An Analytical Investigation to Select a Suitable Site for Reservoir to Meet the Challenges of Water Scarcity in Rural Areas of Tripura	Bhowmik, S., Shukla, B.K. and Kumar, M.	Journal of Grafic Era University	06(01):2018			Grafic Era University
2	Improving compressive strength of pervious concrete using polymer fiber-a review	Mohamed, A., Sharma, P.K. and Shukla, B.K.	Think India Journal	22(34):2019			
3	Review and role of micro hydel projects: a case study at Dirang, Arunachal Pradesh, India	Gupta, D.K., Shukla, B.K. and Sharma, P.K.	Our Heritage	67(7):2020			

iii. Conferences

Sl.	Title of the	Name(s)	Name of	Volume	WOS/	Impact	Publisher
No.	paper	of	the	No.	Scopus	Factor	
		Author(s)	Conference	Issue	_		
				No.			
				Year			

1		Goel, A. and Shukla, B.K.		2015		National Institute of Hydrology
2		M.	International Conference on Trends and Recent Advances in Civil Engineering(TRACE- 2016)			Amity University, Noida
3	Dynamics	Shukla, B.K. and Singh, S.	Conference on			Lovely Professional University, Phagwara
4	Effect of Number	and Goel, A.				NIT Hamirpur, Himachal Pradesh
5	Physico-	and Kumar, M.	National Conference on Recent Trends in Chemical Science and Engineering (RTCSE- 2017)			NIT Hamirpur, Himachal Pradesh
6	Assessment of Surface Water	Shukla, B.K. and Kumar, M.	National Conference on Recent Trends in Chemical Science and Engineering (RTCSE- 2017)			NIT Hamirpur, Himachal Pradesh

7	Characteristics of and Singh, F Solid Jet Aerator having Nozzle with Multiple Openings	I. Sustainable Globa Development- INDIACOM 2017		Bharati Vidyapeeth's Institute of Computer Applications and Management, New Delhi
8	An Analytical Bhowmik, S Investigation to Shukla, B.I Select a Suitableand Path for Canal Prabhakar, I using ANN to Meet the Challenges of Water Scarcity in Gomati District of Tripura	Conference or Sustainable		IIT Roorkee
9	Transportation Bhowmik, System Modeling A.R., Shukl	dMaterials And	, 1	NIT Jalandhar, Punjab
10	Surface JetBhowmik, Aerators inA.R. ar Waste WaterShukla, B.K Treatment: A Comprehensive Review	National Conference dAdvanced Structures Materials And Methodology in Civi Engineering (ASMMCE-2018)	, 1	NIT Jalandhar, Punjab
11	Characteristics of Pandey, F Multiple Sen, M.K Plunging Surface Rajesh	2.,Sustainable Globa ,Development- INDIACOM 2018 7.	r2018	Bharati Vidyapeeth's Institute of Computer Applications and Management, New Delhi
12	Physico- Rajesh	Sustainable Globa .,Development- CINDIACOM 2018	r2018	Bharati Vidyapeeth's Institute of Computer Applications and Management, New Delhi

13	Design of Energy Bashir, M., Computing for 2018 Efficient Nazir, O., Al-Sustainable Global Residential Haj, M.J., Development- Building in a Jeelani, A., INDIACOM 2018 Tropical Region Shukla, B.K. using Sustainable and Rajesh Techniques Kumar, V.	Bharati Vidyapeeth's Institute of Computer Applications and Management, New Delhi
14	Physico- Jeelani, A., Computing for 2018 Chemical Bashir, M. Sustainable Global Analysis and Analysis and Shukla, Development- Design of ProperB.K. INDIACOM 2018 Management Technique for Solid Waste Produced in Srinagar City	Bharati Vidyapeeth's Institute of Computer Applications and Management, New Delhi
15	Study on Shukla, B.K. Computing for 2018 Physico-chemical and Bashir, Sustainable Global Characteristics M. Development- and Correlation Analysis of Domestic Wastewater in Srinagar, Jammu and Kashmir, India	Bharati Vidyapeeth's Institute of Computer Applications and Management, New Delhi
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20		Shukla, B.K. and Moses Santhakumar, S	7th International Conference on Signal Processing and Integrated Networks (SPIN), Amity University, Noida, India	Scopus	IEEE Xplore
21	An experimental study on various design mixes of pervious concrete for optimum compressive strength	and Mongar, B.	International Conference on Recent Development in Sustainable Infrastructure: Research and Practices (ICRDSI-2020)		Kalinga Institute of Industrial Technology, Bhubaneswar, Odisha
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23	A Comprehensive Review on Groundwater Quality Assessment and Monitoring	Abhinav, Taming, T.A., Sandiri, P., Rathod, B.S.B., Shivakumar,	Sustainable Infrastructure: Research and Practices (ICRDSI-2020)		Kalinga Institute of Industrial Technology, Bhubaneswar, Odisha
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26	Improvement in Bharti, G., F-EIR Conference 2021 behaviour of Jagudi, S. and 2021 - Environment black cotton soil Shukla, B.K. Concerns and its using copper slag Remediation		The Federation of Environmental Issues and its Remediation (F-EIR)
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28	A sustainable Shukla, B.K., AIP Conference 2800(1): design of energy Kumar, A., Proceedings 2023 efficient and Bharti, G. environment and Parashar, friendly B. residential building for tropical climate	Scopus and WoS	American Institute of Physics
29	Experimental Hurukadli, P., AIP Conference 2800(1): study on the Kumar, A., Proceedings 2023 influence of Shukla, B.K. available and Bharti, absorbent as G. internal curing agent on cement mortar	Scopus and WoS	American Institute of Physics
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38	_	Shukla, B.K. and Kumar,	AIP Conference Proceedings	2800(1): 2023	Scopus and WoS	American Institute of Physics
39	black cotton soil using steel slag		AIP Conference Proceedings	2800(1): 2023	Scopus and WoS	American Institute of Physics
40	study on physico- mechanical properties of expansive soil by	Shukla, B.K., Kumar, A., Parashar, B.		2800(1): 2023	Scopus and WoS	American Institute of Physics
41	behavior of Steel Space frames with Two-way	Varadharajan, S., Mateen, S., Kumar, A. and Shukla, B.K.	_	2800(1): 2023	Scopus and WoS	American Institute of Physics
42	Study of Growth of Steel, Steel Infrastructure & Steel Industries	Varadharajan, S., Mateen,		2800(1): 2023	Scopus and WoS	American Institute of Physics

43	Blend in Strengthening Mechanical I Properties of Black Cotton Soils	Kumar, A., Shukla, B.K., Manjunath, B.N., Fripathi, A.,	AIP Conference Proceedings		Scopus and WoS	American Institute of Physics
44	Implementation of Wastel Shredded Plastic on Construction of Flexible Pavement	Shukla, B.K., Kumar, A., Manjunath, B.N., Bansal,	AIP Conference Proceedings	, ,	Scopus and WoS	American Institute of Physics
45	Concrete Performance and Sustainability with Recycled Glass: A Critical Examination of	Sharma, M., Srivastava,		` '	Scopus and WoS	American Institute of Physics
46	Environmental I Effects and S Sustainable S Hydropower S Development: A	Shukla, B.K., Sihag, P., Srivastav, Y.	AIP Conference Proceedings	` '	Scopus and WoS	American Institute of Physics
47	Improvement in Expansive Soils using Steel and Copper Slag	Shukla, B.K. and Srinivasan, V.	First Indian Geotechnical and Geoenvironmental Engineering Conference (IGGEC- 21)			National Institute of Technology, Jalandhar, Punjab

48	Strength of Roads by Mixing Shredded Waste Plastic in Proportion with Aggregate and Bitumen	and Shukla, B.K.	First Geotechnical Geoenvironm Engineering Conference 21)	(IGGEC-		National Institute of Technology, Jalandhar, Punjab
49	Advancement on Solar Roadways	Shukla, B.K., Varadharajan, S., Singh, A., Kirthanashri, S.V. and Bishetti, P.	Geoenvironm Engineering Conference 21)	ental (IGGEC-		National Institute of Technology, Jalandhar, Punjab
50	seismic behaviour of irregular steel building frames	S., Kirthanashri, S.V., Rao, M.G.,	Geotechnical			National Institute of Technology, Jalandhar, Punjab
51	Intelligent Transportation System in India	Shukla, B.K., Varadharajan, S., Pandey,	Geoenvironm Engineering Conference	ental		National Institute of Technology, Jalandhar, Punjab
52	Experimental investigation on stabilisation of black cotton soil using copper slag	Bharti, G., Hurukadli, P., Sihag, P., Tripathi, A., Shukla, B.K. and Jagudi, S.	Conference Advanced Sciences Foundation	on Earth & (ICASF-		Chandigarh University, Mohali, Punjab
53		Shukla, B.K., Bharti, G., Tripathi, A. and Sihag, P.	Conference Advanced Sciences	on Earth &		Chandigarh University, Mohali, Punjab

54	Determination of [99] International a suitable route Shukl Conference or for canala, B.K., Advanced Earth construction Bhowmik, S., Sciences & using softBharti, G., Foundation computing Shenoy, A. Engineering (ICASF methods to and Garg, P. 2022) address the water	n z	Chandigarh University, Mohali, Punjab
55	scarcity issue in the Gomati district of Tripura, India – A case study Quantification of Tripathi, A., International Important Shukla, B.K., Conference or Atmospheric Verma, A., Advanced Functiona Climatic Change Bharti, G. Materials: Future Affected Material and Perspectives (AFMFP with Greenhouse Hurukadli, P. 2022)		National Institute of Technology, Jalandhar, Punjab, India
56	Gas Emissions from Transportation Sector in Delhi		National Institute of Technology, Jalandhar, Punjab, India
57	Current Status Yadav, S., Proceedings of and Future Yadav, S., UKIERI Concrete Research Singh, T., Congress: Sustainable Prospects in 3D Yadav, S., Concrete Concrete Printing Rajput, S. Infrastructure for Sustainable and Shukla, Construction B.K.		National Institute of Technology, Jalandhar, Punjab, India
58	Eco-Friendly Gautam, Proceedings of Precast Concrete A.K., Singh, UKIERI Concrete Construction G., Congress: Sustainable Techniques: A Chaudhary, Concrete Methodological M., Narayan, Infrastructure Review V., Dhariwal, D., Shukla, B.K., Varadharajan, S. and Tripathi, A.		National Institute of Technology, Jalandhar, Punjab, India

59	Application of Sharma, M., Proceedings of 2023	National
39	Sustainable Singh, M.K., UKIERI Concrete	Institute of
	Materials in Self-Yadav, M., Congress: Sustainable	Technology,
	Compacting Yadav, V., Concrete	Jalandhar,
	Concrete: AGupta, S., Infrastructure	Punjab, India
	Comprehensive Shukla, B.K.,	
	Review Bharti, G.	
	and	
	Hurukadli, P.	
60	Overview of the Gupta, Y., Proceedings of 2023	National
	Utilisation of Patel, T., UKIERI Concrete	Institute of
	Construction and Singh, S., Congress: Sustainable	Technology,
	Demolition Verma, S., Concrete	Jalandhar,
	Waste in the Panwar, S., Infrastructure	Punjab, India
		i unjao, muia
	Production of Shukla, B.K.	
	Concrete	
	Varadharajan,	
	S.	
61	Overview of Kumar, P., Proceedings of 2023	National
	Application of Soni, S., UKIERI Concrete	Institute of
	Geopolymer Khan, S.M., Congress: Sustainable	Technology,
	Concrete in Agrawal, S., Concrete	Jalandhar,
	Construction Srivastav, R., Infrastructure	Punjab, India
	Shukla, B.K.,	
	Varadharajan,	
	S. and	
	Tripathi, A.	
62	A ConceptualRawat, N.,Proceedings of 2023	National
02	Overview of Sharma, P., UKIERI Concrete	Institute of
	Stability AnalysisSingh, S., Congress: Sustainable	Technology,
	and Design of Rao, M.G., Concrete	Jalandhar,
	Chenab Railway Singh, S., Infrastructure	Punjab, India
	Bridge Shukla, B.K.	
	and	
	Hurukadli, P.	
63	Exhaustive Gupta, U., Proceedings of 2023	National
	Analysis of Eco-Singh, S., UKIERI Concrete	Institute of
	Friendly GreenMansoori, Congress: Sustainable	Technology,
	Concrete M.S., Yadav, Concrete	Jalandhar,
	Construction A., Tyagi, S., Infrastructure	Punjab, India
	Practices Shukla, B.K.	i diljao, ilidia
	and Bharti,	
(A	G. Shulda S. Duagaadin as ada0022	NT_4: _ 1
64	A Shukla, S., Proceedings of 2023	National
	Methodological Singh, U., UKIERI Concrete	Institute of
	Assessment of Singh, P., Congress: Sustainable	Technology,
	Mix-Designs of Samim, M., Concrete	Jalandhar,
	Self-Compacting Pandey, S., Infrastructure	Punjab, India
	Concrete Tripathi, A.,	J,
	Shukla, B.K.	
	and	
	Varadharajan, S.	

	T			T	
65	1 4 4	•	\mathcal{C}		National
	Waste Glass in Sr				Institute of
	the Production of Ra		Congress: Sustainable		Technology,
	Concrete and its Ra	lanjan, Y.,	Concrete		Jalandhar,
	Impact on Sr	rivastav, R.,	Infrastructure		Punjab, India
		hukla, B.K.			-
	Durability for an	nd			
	•	aradharajan,			
	Infrastructure S.	•			
66		hukla, B.K.,	Proceedings of	2023	National
			UKIERI Concrete		Institute of
		. ,	Congress: Sustainable		Technology,
	Material: Anan	,	Concrete		Jalandhar,
	Environmentally Sr				Punjab, India
	Sustainable Sustainable	iivastav, i.	mmastructure		i unjao, muia
	Approach				
67	A Technological Si	ingh, N.,	International	2023	National
	and Sh	hukla B.K.,	Conference on		Institute of
	Environmental an	nd Pandey,	International		Technology,
	Overview on A.	.K.	Conference on		Bhopal,
	Waste-to-Energy	-	Innovations in Clean		Madhya
	Systems for		Energy Technologies		Pradesh, India
	Effective		(ICET 2023)		ŕ
	Municipal Solid		,		
	Waste				
	Management				
68		hukla B.K.,	International	2023	National
		,	Conference on		Institute of
	Energy EfficientA.	•			Technology,
	Green Buildings A.				Bhopal,
			Innovations in Clean		Madhya
	Environmental,		Energy Technologies		Pradesh, India
	Economy and		(ICET 2023)		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Technical Factors		(1021 2020)		
69	+	hukla, B.K.,	International	2023	Lovely
	* *		Conference on Recent		Professional
	Aerated Biofilman				University,
	Reactors in		Fundamental and		Phagwara,
	Treatment of		Applied Sciences		Punjab, India
	Municipal and		(RAFAS-2023)		i diijao, iiidia
	Industrial		(IVAI AD-2023)		
	Wastewater:				
	Present Trends,				
	Challenges and				
70	Future Prospects Optimal Prospects	andar:	International	2023	National
/0		J /	International		
	_	.K., Rawat,			Institute of
	Voltage, CurrentA.		International		Technology,
		hukla, B.K.			Bhopal,
	Charge of Li-ion		Innovations in Clean		Madhya
	Battery Pack		Energy Technologies		Pradesh, India
			(ICET 2023)		

			'	L
71			2023	National
		ference on		Institute of
	Small Agrivoltaic A.K., Inter	rnational		Technology,
	System Tripathi, M.Conf			Bhopal,
	and Shukla, Inno	vations in Clean		Madhya
	B.K. Ener	gy Technologies		Pradesh, India
	(ICE	T 2023)		
72	An Overview on Cinch N and Duce	andinas af	2022	National
72	An Overview on Singh, N. and Proc		2023	
	Healthy, Shukla, B.K. Inter			Institute of
	8	ference on		Technology,
		ems, Control and		Kurukshetra,
		omation (ICSCA-		Haryana, India
	2023	3)		
73	A Compendious Shukla, B.K., Inter	national	2023	Bundelkhand
	Study on ImpactGoel, A. andConf			University,
	of Aeration in Sharma, P.K. Adva			Jhansi, Uttar
		ainable		Pradesh, India
	\mathcal{E}	ronment (RAiSE		
	Bioreactors for 2023	,		
	Wastewater 2023	′',		
	Treatment			
74	Enhancing the Shukla, B.K.,4th	International	2023	National
/4	Stability of BlackBharti, G.,Conf			Institute of
				Technology, Jalandhar,
	through Hurukadli, P.,Geot			,
	Reinforcement Gupta, A. and Recy			Punjab, India
	with Fly Ash and Sharma, P.K. Mate			
		ainable ·		
		neering		
	1 • 1	RWSE – 2023)		
	Overview	T		
75	Extensive Shukla, B.K.,4th	International		National
	Evaluation of Bharti, G., Conf			Institute of
	Eco-Friendly Shamanth, S., Envi			Technology,
	Green Concrete Sharma, P.K., Geot			Jalandhar,
	Construction Gowda, S., Recy			Punjab, India
	Procedures Singh, D., Mate			
	Utilizing Pandey, A., Susta			
	, ,	neering		
	Materials P., Mishra, S. (EGI	RWSE – 2023)		
	and Singh,			
	S.K.			
75	A Shukla, B.K.,4th	International	2023	National
	Methodological Sharma, P.K., Conf			Institute of
		ronmental		Technology,
		technology,		Jalandhar,
	for Self-HealingSingh, A.,Recy	0.		Punjab, India
	Concrete Patel, T., Mate			J ,
	Jaiswal, B.P.Susta			
	and Singh,Engi			
		RWSE – 2023)		
L	C.13. (LUI	2023)		L

76	Cail Ctabilization Chulde D. V. Ath. Intermetional 2022	Notional
76	Soil Stabilization Shukla, B.K., 4th International 2023	National
	through Saraswat, R., Conference on	Institute of
	Microbial Bharti, G., Environmental	Technology,
	Bioenzymes: ASharma, P.K., Geotechnology,	Jalandhar,
	Comprehensive Singh, D., Recycled Waste	Punjab, India
	Review of RecentSrivastava, Materials and	
	Developments in P.K., Yadav, Sustainable	
	Eco-Friendly P. and Engineering	
	Approaches Mishra, S. (EGRWSE – 2023)	
77	Strategic Singh, H.K., International 2023	National
	Planning and Malik, A., Conference on Green	Institute of
	Operational Karanwal, A., Energy and	Technology,
	Analysis of PV-Dhama, A.,Sustainable	Kurukshetra,
	Wind Hybrid Shukla, B.K., Technology (ICGEST	Haryana, India
	Systems in Pandey, A.K.–2024)	
	Emerging Asian and Verma,	
	Markets: AS.	
	Detailed	
	Assessment of	
	India and China	
78	Green Building Sharma, P., International 2023	National
	Paradigms: Rawat, N., Conference on Green	Institute of
	Comprehensive Singh, S., Energy and	Technology,
	Insights into Narayan, V., Sustainable	Kurukshetra,
	Sustainability, Shukla, B.K., Technology (ICGEST	Haryana, India
	Occupant Well-Pandey, A.K.–2024)	
	being and Future and Verma,	
	Techno-logical S.	
	Transformations	
79	Integrated Bharath, B.,International 2023	National
	Management Shukla, B.K., Conference on Future	Institute of
	Approaches in Bansal, V., Power Network and	Technology,
	Hybrid Javaid, I.,Smart Energy	Kurukshetra,
	Renewable Singh, K.K., Systems: Issues and	Haryana, India
	Energy Systems and Verma, Challenges (FPNSES)	
	within SmartS. – 2023)	
	Grid Frameworks	
80	Water Quality Shukla, B.K., National Conference 2023	National
	Monitoring using Sharma, P.K., on Internet of Things	Institute of
	IoT Embedded Sharma, C., & Embedded Systems	Technology,
	Smart Srivastav, Y. (NCIE-2023)	Kurukshetra,
	Technology: and Rawat, S.	Haryana, India
	Trends,	
	Approaches and	
1	Challenges	
	le les sa les s	NT / 1
81	Smart Water Shukla, B.K., National Conference 2023	National
81	Smart Water Shukla, B.K., National Conference 2023 Management Sharma, P.K., on Internet of Things	
81		
81	Management Sharma, P.K., on Internet of Things	Institute of
81	Management Sharma, P.K., on Internet of Things Systems using Sharma, C., & Embedded Systems	Institute of Technology,
81	Management Sharma, P.K., on Internet of Things Systems using Sharma, C., & Embedded Systems IoT and Artificial Singh, A. and (NCIE-2023)	Institute of Technology, Kurukshetra,
81	Management Sharma, P.K., on Internet of Things Systems using Sharma, C., & Embedded Systems IoT and Artificial Singh, A. and (NCIE-2023) Intelligence: An Agarwal, G.	Institute of Technology, Kurukshetra,

82	Application of Shukla, F IoT and Building Sharma, I Information Sharma, Modeling in Tripathi,		S	National Institute of Technology, Kurukshetra,
	Construction, and Singh Performance, Maintenance and	, N.		Haryana, India
	Structural Health Monitoring of Buildings			
83	Empowering Shukla, E Smart BuildingSingh, Advancement Pandey,	D., National Conference A., on Sustainable and Development of Smar	e t	National Institute of Technology, Kurukshetra, Haryana, India
84	Exploring Shamanth Sustainable Bharath, Design and Shukla, Energy Patel, Efficiency in Singh,	T.,Development of Smar A.,Cities Infrastructure C.K.(SDSCI-2023)	e e t	National Institute of Technology, Kurukshetra, Haryana, India
85	Sustainable Shukla, F Construction Singh,	D., National Conference S.K., on Sustainable a, Development of Smar and Cities Infrastructure	e t	National Institute of Technology, Kurukshetra, Haryana, India
86	3D Concrete Shukla, F Printing: Singh, Advancements, Patel,	A., National Conference T., on Sustainable C.K. Development of Smar	e t	National Institute of Technology, Kurukshetra, Haryana, India

87	Integrating IoTShukla, B.K.Proceedings of 2023	National
	and Machine and Singh, N. National Conference	Institute of
	Learning for on Sustainable	Technology,
	Efficient Urban Development of Smart	Kurukshetra,
	Transportation: A Cities Infrastructure	Haryana, India
	Comprehensive (SDSCI-2023)	
	Analysis of	
	Smart Public	
	Transit Solutions	
	and Strategies for	
	Sustainable	
	Smart City	
	Infrastructure	
88	Comparative Tyagi, K., Proceedings of 2024	National
	Assessment of Yadav, H., National Conference	Institute of
	Electric and Singh, S., on Intelligent	Technology,
	Hybrid Vehicles: Yadav, Y. Electronic Systems	Kurukshetra,
	Implications for and Shukla, and Applications	Haryana, India
	Urban TransportB.K. (NCIESA-2024)	
	and Infrastructure	
	Development	
89	Intelligent WaterSingh, C., Proceedings of 2024	National
	Resource Kumari N., National Conference	Institute of
	Management: Chaudhary, on Intelligent	Technology,
	The Convergence A., Garg, A. Electronic Systems	Kurukshetra,
	of IoT, AI and Shukla, and Applications	Haryana, India
	Smart B.K. (NCIESA-2024)	
	Technologies for	
	Enhanced	
	Efficiency and	
	Sustainability	

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	Symposium on Hydrology	National Institute of	November, 23 th to 24 th , 2015
		Hydrology, Indian	
		Association of	
		Hydrologists and Central	
		Water Commission, GoI	
2	International Conference on Trends and	Amity University, Noida	August 11 th to 12 th , 2016
	Recent Advances in Civil		
	Engineering(TRACE-2016)		
3	Neo-International Conference on Habitable	Lovely Professional	November, 16 th to 17 th 2016
	Environments and International	University, Phagwara	
	Professional Meet (NICHE-IPM-2016)		
4	Civil Engineering Conference-Innovation	National Institute of	September 9 th to 10 th , 2016
	for Sustainability	Technology, Hamirpur	

5	National Conference on Decent	National Institute of	Oatobar 12th and 14th 2017
3	National Conference on Recent Trends in Chemical Science and Engineering (RTCSE- 2017)	Technology, Hamirpur	October 13th and 14th, 2017
6	Computing for Sustainable Global Development-INDIACOM 2017	Bharati Vidyapeeth's Institute of Computer Applications and Management, New Delhi	
7	Strengthening Capacities for Hazardous and Disaster Risk Management		May 1st to 6th, 2018
8		Hindustan College of Science and Technology, Mathura	June 9th to 13th, 2018
9		THDC-Institute of Hydropower Engineering and Technology, Tehri	Aug 27 th to Sep 1 st , 2018
10		Lovely Professional University, Phagwara, Punjab	
11	International Conference on Sustainable Technologies for Intelligent Water Management		February 16 th to 18 th , 2018
12	National Conference: Advanced Structures, Materials and Methodology in Civil Engineering (ASMMCE-2018)		November 3 rd to 4 th , 2018
13	Development-INDIACOM 2018	 Bharati Vidyapeeth's Institute of Computer Applications and Management, New Delhi 	
14		Lovely Professional University, Phagwara	February 16 th to 17 th 2018
15	International Conference on Trends and Recent Advances in Civil Engineering (TRACE-2018)		
16	Short Term Course on Research and Professional Skills	National Institute of Technology, Kurukshetra, Haryana	May, 27 th to 31 st , 2019
17		National Institute of Technology, Kurukshetra, Haryana, in association with AcadGild, AEoN Learning Private Limited, Bangluru	

18	Faculty Development Program on Disaster	Delhi Technological	25 th Nov to 29 th Nov, 2019
	Mitigation and Management	University, New Delhi	
19	International Conference on Sustainable Environment and Civil Engineering (ICSECE-2019)	SRM Easwari Engineering College, Chennai	March 28 th to 29 th , 2019
20	International Conference on Recent Advances in Fundamental and Applied Sciences (RAFAS-2019)	•	November 5 th to 8 th , 2019
21	_	Lovely Professional University, Phagwara, Punjab	13 th March to 14 th March, 2020
22		Management Studies, Rohini, New Delhi and CSI Delhi Chapter	
23	7th International Conference on Signal Processing and Integrated Networks (SPIN), Amity University, Noida, India	1	February 27 th to 28 th , 2020
24	International Conference on Recent Development in Sustainable Infrastructure: Research and Practices (ICRDSI-2020)	•	December 19 th to 21 st , 2020
25	International Conference on Trends and Recent Advances in Civil Engineering (TRACE-2020)		August 20 th to 21 st , 2020
26	Advances In Fundamental And Applied	_	June 25 th to 26 th , 2021
27	F-EIR Conference 2021 - Environment Concerns and its Remediation	The Federation of Environmental Issues and its Remediation (F-EIR)	October 18 th to 22 nd , 2021
28	First Indian Geotechnical and Geoenvironmental Engineering Conference (IGGEC-21)		November 19 th to 20 th , 2021
29	International Conference on Materials for Emerging Technologies-2021 (ICMET-21)	•	February 18 th to 19 th , 2022
30	Research Methodologies and Scientific Research Writing using LaTeX		March 12 th to 16 th , 2022
31	International Conference on Advanced Earth Sciences & Foundation Engineering (ICASF-2022)		June 23 rd to 24 th , 2022

32		National Institute of August 6 th to 8 th , 2022
	Functional Materials: Future Perspectives	
33	,	Punjab, India Chandigarh University, August 25 th to 26 th , 2022
33		Mohali, Punjab, India
	(ICONN-2022)	Monan, Funjao, muia
34	National Conference on Internet of Things	National Institute of February 24 th to 25 th , 2023
34	& Embedded Systems (NCIE-2023)	Technology, Kurukshetra,
	& Ellibedded Systems (IVCIE-2025)	Haryana, India
35	IIKIERI Concrete Congress: Sustainable	National Institute of March 14 th to 17 th , 2023
33	Concrete Infrastructure	Technology, Jalandhar,
		Punjab, India
36		Lovely Professional March 24 th to 25 th , 2023
30	Advances in Fundamental and Applied	
		Punjab, India
37	International Conference on International	5
	Conference on Innovations in Clean	•
		Madhya Pradesh, India
38	International Conference on Systems,	_
30	-	Technology, Kurukshetra,
	· ·	Haryana, India
39		Bundelkhand University, May 15 th to 16 th , 2023
	Advances in Sustainable Environment	1 · · · · · · · · · · · · · · · · · · ·
	(RAiSE 2023)	India
40	One Week Short Term Program on Disaster	National Institute of May 22 nd to 26 th , 2023
	Resilient Infrastructure	Technology, Puducherry,
		India
41	National Conference on Sustainable	National Institute of May 27 th to 28 th , 2023
	Development of Smart Cities Infrastructure	Technology, Kurukshetra,
	(SDSCI-2023)	Haryana, India
42	One Week Short Term Program on Disaster	National Institute of June 12 th to 16 th , 2023
	Risk Reduction and Management (DRRM -	Technology, Kurukshetra,
	2023)	Haryana, India
43		National Institute of October 25 th to 27 th , 2023
	Environmental Geotechnology, Recycled	
		Punjab, India
	Engineering (EGRWSE – 2023)	
44	International Conference on Green Energy	
	and Sustainable Technology (ICGEST -	
		Haryana, India
45		National Institute of January 12 th to 16 th , 2024
	Challenges in Wastewater, Air and Land	
4 <		Punjab, India
46	One-day Workshop on Creation of Blue	
	Zone Cohort in India: JSS Pancha Mantra	
	for Longevity	Noida, Uttar Pradesh,

	1	India	
		mara	
47	One Week Faculty Development Program	Jain (Deemed-to-be-	February 19 th to 24 th , 2024
	on Interdisciplinary Insights: Data Science,	University), Bangalore,	
	Machine Learning and Cyber Security	Karnataka, India	
48	National Conference on Intelligent	National Institute of	February 23 rd to 24 th , 2024
	Electronic Systems and Applications	Technology, Kurukshetra,	
	(NCIESA-2024)	Haryana, India	
49	One-day Workshop on ChatGPT & AI	Skill Nation	February 29 th , 2024
	Tools		
50	DST Sponsored Faculty Development	Amity University, Noida,	February 19 th to March 5 th , 2024
	Program on Entrepreneurship Development	Uttar Pradesh, India	
51	International Conference on Future Power	National Institute of	March 8 th to 10 th , 2024
	Network and Smart Energy Systems: Issues	Technology, Kurukshetra,	
	and Challenges (FPNSES – 2023)	Haryana, India	

v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop /	Organized by	Date	Role
	Conference			
1.	Computing for Sustainable Global	Bharati Vidyapeeth's Institute of	14 th to 16 th	Technical
	Development-INDIACOM 2018	Computer Applications and	March, 2018	Team
		Management, New Delhi		Member
2.	105 th Indian Science Congress	Indian Science Congress, Kolkata	16 th to 20 th	Member of
		at Lovely Professional University,	March, 2018	Hospitality
		Phagwara, Punjab		Committee
3.	International Conference on	Lovely Professional University,	15 th to 16 th	Organizing
	Experimentation and Progression in	Phagwara, Punjab	November,	Committee
	Engineering, Research and		2019	Member
	Technology			
4.	National Conference on	JSS Academy of Technical	23 rd	Organizing
	Smart Building materials,	Education, Noida	September,	Committee
	Trenchless technology, Intelligent		2021	Member
	materials in manufacturing			
	(nCASTTIM-2021)			

$\ vi. Conference/FDP\ Attended\ (those\ sponsored\ by\ TEQIP)$

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	Environmental management and Smart	Hindustan	June 9th to 13th, 2018
	Cities	College of	
		Science and	
		Technology,	
		Mathura	
2	Hydropower Generation: Technologies and	THDC-	Aug 27 th to Sep 1 st , 2018
	Policies	Institute of	

		Hydropower	
		Engineering	
		and	
		Technology,	
		Tehri	
3	Faculty Development Program on Disaster	Delhi	25 th Nov to 29 th Nov, 2019
	Mitigation and Management	Technological	
		University,	
		New Delhi	

9. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion /	Grade /
			Award	Marks
1	Introduction to Remote Sensing	NPTEL	23/04/2017	61%
2	Digital Image Processing of	NPTEL	24/09/2017	72%
	Remote Sensing Data			
3	Outcome Based Pedagogical	NPTEL	24/09/2017	80%
	Principles for Effective			
	Teaching			
4	Introduction to Geographic	NPTEL	29/04/2018	79%
	Information System			
5	Water, Society and	NPTEL	28/10/2018	58%
	Sustainability			

${\bf 10.\ Membership\ of\ Professional\ Bodies:}$

Indian Science Congress Association	Life Member (M. No: L36574)
Institution of Engineers (India)	Associate Member (M. No: AM1918055)

NIL		

11. Any other information you will like to share about your professional experience