

Faculty Details



- 1. Name:** JITU KUJUR
2. Designation: ASSOCIATE PROFESSOR
3. Address: O-8, BIT SINDRI
4. Permanent Address:

VILL. CHARIMA TANGRA TOLI, P.O. ETTA (BERO) DIST. RANCHI
(JHARKHAND)

- 5. Contact No.:** 7250980546
6. Email Id: kujur.civil@bitsindri.ac.in
7. Date of Birth: 04.09.1976
8. Academic Details:

i) Qualification:

S. No.	Degree (UG, PG, Ph.D.)	Year	Specialization	Institute
1.	UG	1999	CIVIL ENGG.	BIT, MESRA, RANCHI
2.	PG	2005	STRUCTURAL ENGINEERING	BIT, MESRA, RANCHI
3.	PhD	2013	STRUCTURAL ENGINEERING	IIT DELHI

ii) FDPs Attended:

Session 2017-18

- 1) Attended one week MHRD sponsored QIP short term training course on “ANN and deep learning” organized by BIT Sindri during 11.06.2018 to 15.06.2018.
- 2) Attended one week TEQIP III sponsored QIP short term training course on “Active Learning.” organized by IIT Gandhi Nagar during 18.06.2018 To 22.06.2018

Session 2018-19

1 Attended one week TEQIP III sponsored QIP short term training course on “Recent Advancement in Civil Engineering” organized by Civil Engineering, BIT Sindri during 07.12.2018 to 11.12.2018

Session 2019-20

1) Attended two weeks online TEQIP sponsored QIP short term training course on “Digital Transformation in Teaching Process” organized by Civil Engineering, IIT Bombay during 28.05.2020 to 12. 06. 2020.

2) Attended two weeks online TEQIP sponsored QIP short term training course on “Numerical Solutions to Geotechnical Challenges” organized by MIDAS during 28.05.2020 to 12. 06. 2020

i) Symposium/ Workshop/Seminar Attended:

Symposium/ Workshop/Seminar		Place	Duration		Sponsoring Agency
1.	Webinar online short course on basic conventional bridge	BIT Sindri	11.05.2020 to 16.05.2020	02 days	Webinar Online MIDAS
2.	Webinar online short course on Midas civil advance feature.	BIT Sindri	18.05.2020 to 22.05.2020	02 days	Webinar Online MIDAS
3.	Workshop on Outcome Based Education(OBE) and Accreditation	BIT Sindri	16-17 March 2018.	02 days	TEQIP -III
4.	Workshop on Water resources management: shift from awareness to consciousness	BIT Sindri	18-19, Dec. 2019	02 days	TEQIP -III
5.	Workshop on water Scenario of Dhanbad District.	BIT Sindri	22.07. 2019.	01 day	TEQIP -III
6.	Water resources management: shift from awareness to consciousness	BIT Sindri	18-19 Dec. 2019.	02 day	TEQIP -III
7.	National Conference on Equity: Achievements and Challenges in India-	BIT Sindri	15-16 March, 2019	02 days	TEQIP -III

ii) Publication Details(National/International):

SL. No.	2017-2018
1.	Nishant Malay, Manish Kumar, Jitu Kujur , “Study of natural carbonation of concrete incorporating marble dust’ Proceedings of the Institution of Civil Engineers - Construction Materials, Volume 171, Issue 2 (April 2018) pp. 85-92, https://doi.org/10.1680/jcoma.17.00001 .
	2018-2019
2.	Shwetambara Verma, Arun Kumar and Jitu Kujur , “water permeability and carbonation modelling of different variants of concrete using ANN”. <i>Malaysian Construction Research Journal</i> , ,(Scopus) Vol. 26(3), 2018.
3.	Suman Kumar. Arun Kumar and Jitu Kujur , “Influence of nanosilica on mechanical and durability properties of concrete” Proceedings of the Institution of Civil Engineers - Structures and Buildings,(Scopus) Published Online: November 26, 2018, https://doi.org/10.1680/jstbu.18.00080 .
	2019-2020
4.	Karmver and Jitu Kujur “Economical analysis and Design of Multi-storey Building (G+5) of Different shape of Same floor Area ”IJRAR Vol.6 issue 2 June 2019.
	2020-2021
5.	Manish Kumar, A. K. Sinha and Jitu Kujur “ Mechanical and Durability Studies on High volume Flyash concrete” accepted, <i>Structural Concrete</i> , (SCI) Pub. Date : 2020-09-16 , <i>DOI: 10.1002/suco.202000020</i>

9. Awards: Best paper award on international conference at VIT Vellore.

10. Member of Professional Bodies: ISTE, IEI

11. Institutional Assignment Details:

1. Professor In-charge Academic at BIT Sindri
2. Hostel Superintendent at BIT Sindri
3. Syndicate Member at BBMKU, Dhanbad
4. Senate member at BBMKU, Dhanbad
5. Associate Dean at JUT, Ranchi
6. PG Coordinator (Civil Engineering) at BIT Sindri
7. Member Secretary ST/SC cell at BIT Sindri

12.Promotion Details (Date of Joining): Joined on 20.12.2017

13. Detail of Projects Guided:

i) PhD guided: 04

Sl. No.	Name of Student	Title of Project	Status	Year
1.	Shwetambara Verma	Corrosion of reinforcement in blended concrete made with stone dust as fine aggregate	Completed	2018
3.	Suman Kumar	Study on corrosion behavior of concrete made with PPC and PSC.	Completed	2019
2.	Manish Kumar	"Corrosion of reinforcement in carbonated high volume flyash concrete	Completed	2020
4.	Niraj Kumar	Investigation into the influence of rock bolt and rock mass interaction on the performance of roof bolting system in Indian coal mines".	Ongoing	2020

ii) M. tech Project guided

Sl. No.	Name of Student	Title of Project	Status	Year
1.	Karmveer Kumar	Economical Analysis and Design of multi stored building (G+5) of different shaped of same floor area.	Completed	2019
3.	Shubham Ranjan	Experimental study on concrete made with stone dust and polypropylene fibre.	Completed	2020
2.	Kr. Roshan bedia	Carbonation of concrete made with flyash and microsilica	Completed	2020
4.	Manish Verma	the change in the corrosion resistance and mechanical properties of steel reinforcement in concrete on addition of different admixture	Ongoing	2021
5.	Md. Imran Azam	permeability studies on high performance concrete	Ongoing	2021
6.	Md. Zainul Haque	Studies on fly Ash Based Geopolymer Concrete.	Ongoing	2021
7.	Neelam Ranjana	Seismic analysis of multi-storey residential (G+4) building with shear wall and bracing.	Ongoing	2021

14. Detail of Consultancy Handling:

Title of consultancy Project	Amount	Client	Remarks
"Stability test of Warf wall constructed at 5.0 Mtpa NLW Washery at Patherdih and its further strengthening"	7.39 Lacs	BCCL	Completed 2020
"Investigation for the Quality Check of PQC surface for Four/Two laning with paved shoulders of Govindpur (Rajgunj) Chas West Bengal Border Section of NH-32 from Ch.0.000 to Ch.56.889 in the State of Jharkhand"	0.5 Lacs	NHAI	Completed 2021

Dr. Jitu Kujur