# **<u>OUARTERLY REPORT</u>**

#### **1.GUEST LECTURE DELIVERED**

1. **Prof. Vinod Nagpure**, Sr. Assistant Professor in Civil Engineering Department of OPJU Raigarh delivered a guest lecture in online mode on 8<sup>th</sup> September, 2023 on topic "Personality Development" for Government Polytechnic Sonepur (Odisa).



2. Prof. Vinod Nagpure, Sr. Assistant Professor in Civil Engineering Department of OPJU Raigarh delivered series of guest lectures during 11-13 August 2023 on "Training of Trainer (ToT): Civil and construction" at OPJCC Punjipathra, Raigarh.





3. Prof. Vinod Nagpure, Sr. Assistant Professor in Civil Engineering Department of OPJU Raigarh delivered series of guest lectures during 25-28th July 2023 on "Training of Trainer (ToT): Civil and construction" at OPJCC Punjipathra, Raigarh





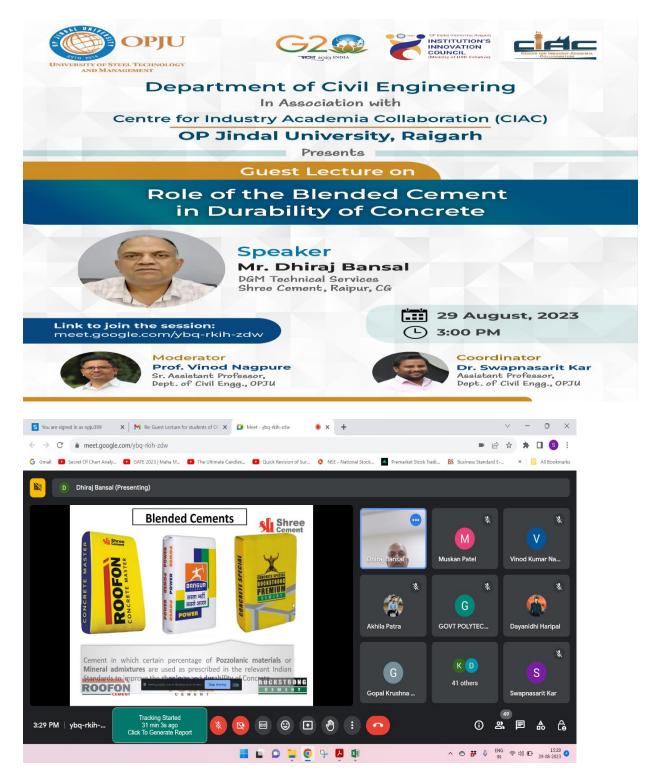
**4.Prof. Tulika Gupta**, Sr. Assistant Professor in Civil Engineering Department of OPJU Raigarh **"Delivered a Guest lecture in Training of Trainer (ToT) Civil and construction at OPJCC"** on Date- 27<sup>th</sup> July, 2023





### 2. Guest lecture Conducted

The **Department of Civil Engineering**, in association with the Centre for Industry-Academia Collaboration (CIAC) of O P Jindal University, Raigarh, has organised a guest lecture on "Role of the blended cement in durability of concrete" on August 29, 2023, from 3.00 pm to 04.30 pm. The guest lecture was organised in online mode through the Google Meet platform. The speaker for the event was Mr Dhiraj Bansal, DGM Technical Services (Shree Cement, Raipur, CG).



## 3. Workshop Conducted

The Department of Civil Engineering, in association with UltraTech Cement, which is the largest manufacturer of cement in India and the Centre for Industry-Academia Collaboration (CIAC) of O P Jindal University, Raigarh, organized a two-day workshop on "Professional Practices in the Cement and Construction Industry" from 21 to 22 September 2023.

The speaker for the event, Mr. Suraj Kumar, Territory Manager, UltraTech Cements Ltd., Raigarh (CG).

GPS Map Camera

Tumidih, Chhattisgarh, India

21/09/23 01:29 PM GMT +05:30

Lat 22.062307° Long 83.34987\*

Google

EE seminar hall, 2days workshop, Tumidih, Chhattisgarh 496107, India



#### 4. Expert Talk Attended

1. Vinod Nagpure: Attended webinar on "Sustainability and Practices – A timeline Requirement of the Construction Industry" on Wed, Sep 7, 2023 7:00 PM - 8:00 PM jointly organised by Indian Concrete Institute Kochi Centre and QCRETE Readymix India Pvt. Ltd.

CERTIFICATE PRESENTED TO,	
VINOD NAGPURE	
FOR ATTENDING THE WEBINAR ON	
SUSTAINABILITY AND PRACTICES - A TI THE CONSTRUCTION INDUSTRY Speaker of the Webinar: Dr. Bharathi Ganes	And States
	-0
September 07, 2023	C. The second se

 Vinod Nagpure: Attended webinar on "MAKING CONCRETE SUSTAINABLE AND MOVING TOWARDS NET ZERO" on Wed, Sep 27, 2023 7:00 PM - 8:00 PM jointly organised by Indian Concrete Institute Kochi Centre and QCRETE Readymix India Pvt. Ltd.



3. Vinod Nagpure: Attended webinar on "White Topping and RMD Technology" on 01.07.2023 organised by Ultra Tech Cement.
CERTIFICATE PROUDLY PRESENTED TO
Vinod Nagpure White Topping and RMD Technology
Jul.1, 2023     UltraTech Cament Ltd.     UltraTech Cament Ltd.       Duite of Completion     Organiser
<ol> <li>Vinod Nagpure: Attended webinar on "Open Rail Designer Corridor Design Training CONNECT Edition" on 25.08.2023 organised by Bentlay Systems Inc</li> </ol>
Bentley
Certificate of Accomplishment
THIS CERTIFICATE IS PRESENTED TO
Vinod Nagpure uppn successful completion of
OpenRail Designer Corridor Design Training CONNECT Edition   EN   EN
Product:     OpenRoil Designer     Vacion:     CONNECT Edition       Course Date:     August 25, 2023     Learning Units:     1
Trainių Pather: BIM Technologies
amittechan
Amit Trehan Director, User Learning Bentley
Confiliante D. 578064058 Bendley Systems Inc.

### 5.<u>Research Publications</u>:

1.) Dr. Anurag Sharma published a research article "Influence of glass powder silica fume and scrapped ceramic waste on the mechanical properties of concrete" in Materials Today: Proceedings, an Scopus Journal.

2.) Dr. Anurag Sharma published a research article "<u>Tribological Performance</u> <u>Evaluation of Greases on a Four-Ball Tester with Graphene Oxide Nanoparticles</u>" in ACS Omega, an SCI Journal.

## 6.Proposed Project

Prof. Tulika Gupta and Dr. Mahasakti Mahamaya got approval for a research-cumconsultancy project : "An Eco-Friendly Approach Towards the Sustainable Development of Construction Materials Using Sponge Iron Fines and Fly Ash Waste." from JSP, Raigarh.

#### 7. Ph.D Progress Seminar

Prof. Tulika Gupta presented her progress presentation on the topic "Design and Characterization of Controlled Low Strength Material (CLSM) Using Industrial Waste- A Sustainable Solution for Infrastructure Development" under the guidance of Dr. Mahasakti Mahamaya in the presence of external expert Dr. Laxmikant Yadu, Professor NIT Raipur.

