



Department of Civil Engineering

University Institute of Technology (UIT)
Rajiv Gandhi Proudyogiki Vishwavidyalaya
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Airport Bypass Road, Gandhi Nagar,
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NEWSLETTER

January-June 2021

UNIVERSITY INSTITUTE OF TECHNOLOGY INSTITUTE VISION

To disseminate affordable quality technical education for producing globally competent, technically proficient and socially responsible technical manpower to meet global challenges.

INSTITUTE MISSION

To establish University Institute of Technology, RGPV, Bhopal as a centre of excellence for imparting technical education through technological interventions for the sustainable development of the nation.

DEPARTMENT OF CIVIL ENGINEERING VISION

To create professionally competent graduates with ethical values to serve society and nation sustainably.

MISSION

To develop core competent technical graduates with professional attitude, ethical values and enterprising skills.

To develop civil engineering graduates with cutting-edge technology.

Program Outcomes (POs)

1. **Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
2. **Problem Analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and Engineering sciences.
3. **Design/Development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and team work:** Function effectively as an individual and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. **Project management and finance:** Demonstrate knowledge and understanding of the engineering management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **Life-long learning:** Recognize the need for and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.

Program Specific Outcomes (PSOs)

PSO1: Perform Survey, Testing and Quality Control of materials for Civil Engineering Projects leading to employability and entrepreneurship.

PSO2: Plan, Design and Estimating Civil Engineering Projects with emphasis on sustainable development.

Program Educational Objectives (PEOs)

PEO1: Graduate will be a Professional Civil Engineer with ethical values to serve the society.

PEO2: Graduate will pursue Innovation and Research.

PEO3: Graduate will become an Entrepreneur.

Activities Organized

1. **3rd INTERNATIONAL CONFERENCE (Online) on “Sustainable Materials and Structures for Civil Infrastructures” under TEQIP – III held on 24th – 25th March 2021.**

The objective of the Conference: Durable and sustainable, materials and structures for civil infrastructures, are essential for the development of worldwide economy and society. Service-life and life-cycle costing including repair and maintenance expenditure for infrastructure project can be optimized with durable materials and construction methodologies. Use of sustainable material shall help in energy conservation and making infrastructure projects more eco-friendly. The aim of this international conference is to provide a forum for civil engineering professional community to share advances in research and development in the field of concrete, other alternative construction materials,

composites, technologies, innovations and case studies for making construction activities more eco-friendly and economically viable. The scientists, academicians, government officials, structural designers and practicing engineers from around the globe will interact and exchange ideas and establish relationships from all areas of theoretical, experimental and practical aspects for setting direction of future growth.

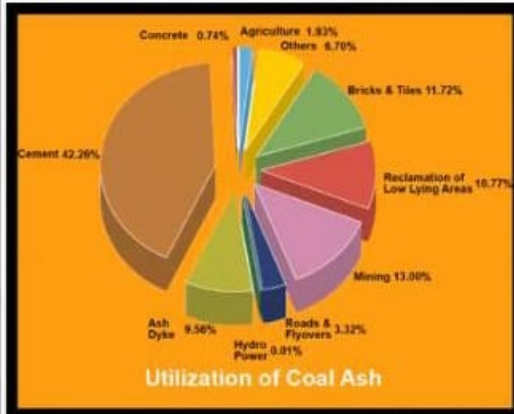
The program started with formal inauguration function. Prof. S. S. Bhadauria, Director and Chairman, UIT- RGPV, Bhopal and Prof. Saleem Akhtar, Head of Civil Engineering Department, UIT-RGPV, Bhopal, Key note speaker, Prof. S. K. Singh, Sr. Principal Scientist and Head, Cement, Concrete and Composites Division and Polymer, Plastics and Composites Division at CSIR-Central Building Research Institute, Roorkee and Dr. Aruna Rawat, Secretary, Civil Engg. Dept. UIT-RGPV, Bhopal, faculty members and participants were present on this occasion. The conference was held online on MSTeam platform. Prof. S. K. Singh, Sr. Principal Scientist and Head, CBRI, Roorkee delivered a keynote lecture on ‘Sustainable Materials for Infrastructure Development- A Paradigm Shift’. He discussed the various industrial wastes used as replacement fully or partially as construction materials. He also discussed the various works going on in CBRI, Roorkee. He also discussed the geopolymers concrete and its applications. The conference formally ends with valedictory function.

Total 78 abstracts were received. and total 42 full length papers were accepted. In all 39 research papers were presented online using MSTeam platform. The conference covered almost all the themes of civil engineering materials, sustainable materials, use of industrial and agricultural waste in construction materials like concrete, bituminous mix. Application in Geotechnical Engg. Related to seismic site characterization and microzonation., sustainable assessment of ground water, energy efficient and green buildings, Analysis methods and design of pavements. Seismic analysis of civil infrastructures like buildings, bridges, dams etc. Finite element analyses of various structural elements were discussed.

Total of 55 numbers of participants attended the conference. Coordinator of this conference were: Chairman: Prof Sudhir S. Bhadauria, Professor & Head Civil Engg. Dept., UIT-RGPV. Secretary: Dr. Aruna Rawat, Asst. Professor, Civil Engg. Dept., UIT-RGPV.



Conventional Ash Utilization



IG SM AS DB SA DJ KM D



AR D SB AS HG SM AP WK AV SB DJ SA KM

आरजीपीवी में सिविल इंफ्रास्ट्रक्चर इंटरनेशनल कॉन्फ्रेंस का समापन, 42 शोधपत्र किए प्रस्तुत

अपशिष्ट पदार्थों से बन रही निर्माण सामग्री से बिल्डिंगों का लाइफटाइम मेंटेनेंस हो रहा कम

हरिभूमि न्यूज ॥ भोपाल

राजीव गांधी प्रौद्योगिकी विश्वविद्यालय (आरजीपीवी) में ऑनलाइन दो दिवसीय अंतरराष्ट्रीय कॉन्फ्रेंस का समापन हुआ। यह कॉन्फ्रेंस यूनिवर्सिटी इंस्टिट्यूट ऑफ टेक्नोलॉजी के सिविल विभाग द्वारा आयोजित की गई। जिसमें पूरे देश से लोगों ने हिस्सा लिया एवं कॉन्फ्रेंस में ग्रीन बिल्डिंग और इनोवेटिव स्ट्रक्चर, संरक्षण में नवाचार, भूकंपीय डिजाइन और संरचनाओं का निर्माण सिविल इंफ्रास्ट्रक्चर का निर्माण, सिविल इंफ्रास्ट्रक्चर में अपशिष्ट पदार्थों के उपयोग, संरचनाओं का सेवा जीवन जैसे विषयों पर 42 शोधपत्र प्रस्तुत किए गए।

कार्यक्रम में सीबीआरआई रूड़की से आमंत्रित सीनियर साइंटिस्ट डॉ. एसके सिंह ने वर्तमान समय में उद्योगों से निकलने वाले अपशिष्ट पदार्थों से भवन निर्माण सामग्री बनाने के बारे में जानकारी दी। यह प्रचलित सीमेंट की तुलना में पर्यावरण के लिए अनुकूल है। इसका उपयोग तेजी से बढ़ा है। कॉन्फ्रेंस के चेयरमैन और डायरेक्टर प्रो. सुधीर सिंह भादरीरिया ने कहा कि भवनों के निर्माण में ग्रीन बिल्डिंग सामग्री के उपयोग को बढ़ावा देना चाहिए, जिससे भवनों का लाइफटाइम मेंटेनेंस कम से कम हो। इस अवसर पर प्रो. एससी चौबे, कोऑर्डिनेटर ट्यूबिफ श्री. प्रो. सलीम अख्तर उपस्थित थे। ऑनलाइन कॉन्फ्रेंस के संक्रेटरी डॉ. अरुणा रावत और प्रो. देवांशु जैन ने कार्यक्रम का सूत्र संचालन किया।

घरेलू तकनीकी उपकरणों की सहायता से अच्छे शोध कार्य पर चर्चा

आरजीपीवी के स्कूल ऑफ नैटोटेक्नोलॉजी विभाग में टॉइक्यूआईजी-3 के अर्थात् तीन दिवसीय फेजलैटी डेवलपमेंट प्रोग्राम का नूतनार को समापन हुआ। आयोजन में कुल 11 देशों रहे, जिसमें देश के प्रतिष्ठित संस्थान के शिक्षक एवं वैज्ञानिकों द्वारा घरेलू तकनीकी उपकरणों की सहायता से कैसे आप अच्छे शोध कार्य कर सकते हैं कि जानकारी दी गई। प्रोग्राम का डिरेक्टर डॉ. गजल कांत त्रिपाठी द्वारा प्रतिभागियों को धन्यवाद दिया गया। कार्यक्रम में प्रतिष्ठित विश्वविद्यालयों के शिक्षकों की सहभागिता रही।



आने वाले समय नैनो टेक्नोलॉजी का

समापन समारोह में कुलपति प्रोफेसर सुनील कुमार ने कहा कि नैनो टेक्नोलॉजी बाय इंजीनियरिंग की सभी शाखाओं से संबंधित है और आने वाले समय में नैनोटेक्नोलॉजी का अत्यधिक महत्व है। प्रोग्राम से शिक्षकों ने पोजिटिव फीडबैक आती है एवं ऑनलाइन सत्र के माध्यम से हम सभी संस्थानों में कैसे कार्य हो रहा है, समझ सकते हैं।

युवा वैज्ञानिक कांग्रेस में 15 विषयों में पढ़े गए 160 रिसर्च पेपर्स, भोपाल से 40

मध्यप्रदेश विज्ञान एवं प्रौद्योगिकी परिषद द्वारा 36वीं नए युवा वैज्ञानिक कांग्रेस का 23 से 26 मार्च तक आयोजन रियाल और ऑनलाइन मोड पर हो रहा है। इसमें 15 विषयों में आयोजित समानांतर सत्रों में 160 रिसर्च पेपर्स का प्रेजेंटेशन दिया गया। चार-दिवसीय आयोजन में विश्वविद्यालयों, महाविद्यालयों, शोध संस्थानों में कार्यरत रिसर्च स्कॉलर्स द्वारा रिसर्च पेपर पढ़े गए, इनमें 40 रिसर्च पेपर भोपाल के पढ़े गए। जिन 15 विषयों में रिसर्च पेपर प्रस्तुत किए गए, उनमें एंजियरिंग साइंस, कैमिकल साइंस, सिविल इंजीनियरिंग, कम्प्यूटर साइंस एंड सूचना प्रौद्योगिकी, पृथ्वी व वायुमंडल विज्ञान समेत अन्य शामिल थे।

पीएसएस केंद्रीय व्यावसायिक शिक्षा संस्थान में राष्ट्रीय संगोष्ठी में बोले विद्वान

युवाओं में कौशल को बढ़ावा देने प्रैक्टिस और ट्रेनिंग पर ध्यान देने की जरूरत

युनौटियां शब्द बहुत महत्वपूर्ण है। युवाओं में कौशल को बढ़ावा देने के लिए क्षेत्रीय उद्योग के संयोजन द्वारा निरंतर प्रैक्टिस एवं ट्रेनिंग जैसी योजनाओं पर जमीनी स्तर पर कार्य करने की जरूरत है। व्यावसायिक शिक्षा और प्रशिक्षण के मुद्दों पर ध्यान देने की आवश्यकता है। नई शिक्षा नीति-2020 के व्यावसायिक शिक्षा के संबंध में दिए गए बिंदु महत्वपूर्ण हैं। यह बात नूतनार को दो दिवसीय राष्ट्रीय संगोष्ठी के



उद्घाटन सत्र को संबोधित करते हुए एनसीईआरटी के निदेशक डॉ. श्रीधर श्रीवास्तव ने कही। पीएसएस केंद्रीय व्यावसायिक शिक्षा संस्थान में नूतनार को दो दिवसीय राष्ट्रीय संगोष्ठी का आनंदाइन शुभारंभ हुआ।

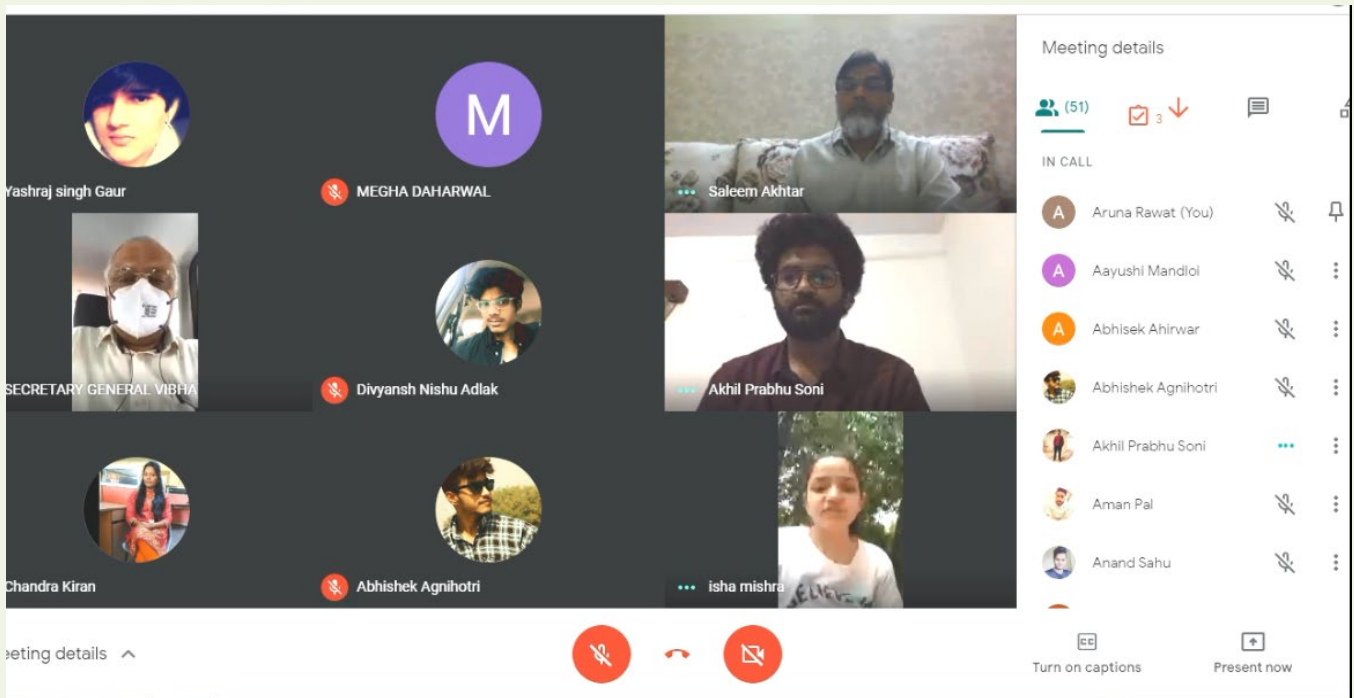
डिजिटल कौशल की मांगों के अनुसार बदलाव की जरूरत : सु. हुआंग चौई

अंतरराष्ट्रीय केंद्र यूनेस्को-युनिवर्सिटी, जर्मनी की निदेशक सु. हुआंग चौई ने कहा कि टीवीआईटी में डिजिटल कौशल की बढ़ती मांगों के अनुसार बदलाव करने की जरूरत है। एनरेटिव, वर्ल्डवीडिओ के अध्यक्ष डॉ. स्टीवेन मेकी ने कहा कि शिक्षक एवं स्कूलों को तकनीकी रूप से सक्षम होना होगा। यूनेस्को-युनिवर्सिटी केंद्र जर्मनी तथा सीपीएससी फिलिपिंस, पीएसएससीआईसीई की संगोष्ठी में 1000 से ज्यादा शिक्षा विशेषज्ञ शामिल हुए।

2 An Expert Talk by our Distinguished Alumnus on “Guidance for preparation of Competitive Examination like GATE and ESE” on 19/06/2021 by TECHNOPHILIC Students’ Club of Civil Engineering

To have the interaction of Civil Engineering students to our alumnus and guide them for preparing competitive exam like GATE, ESE an expert talk was organized by our distinguished alumnus Akhil Prabhu Soni, Dy. Manager, NHAI Bhopal. UIT RGPV 2016 passed out, GATE 2016 AIR 240, GATE 2017 AIR 8, UPSC ESE 2018 AIR 96. The program started with formal inauguration function. Prof. Saleem Akhtar, Head of Civil Engg. Dept gave a welcome speech and motivated students to prepare for the competitive exams, Prof. S. S. Bhadauria, Director, UIT- RGPV, Bhopal encouraged the students to participate in the various competitive exams. Akhil Prabhu Soni is a distinguished alumnus (passed out 2016 batch) of Civil Engg. Department, UIT-RGPV, Bhopal. He also discussed with the students regarding GATE and ESE preparation and advised the students to prepare a proper time table for studies and prepare notes and advised

to appear for the various test series. Total 67 participants attended the talk. Dr. Aruna Rawat, Asst. Professor, Civil Engg. Dept., UIT-RGPV coordinated the event.



Publications by Faculty and Students

1. Satish Jain (2021) Multiple Attribute Decision-Making Methods Helps in Logically Selection of Concrete Masonry Units, SSRG International Journal of Civil Engineering, 8(4) doi:10.14445/23488352/IJCE-V8I4P102, 5(13), ISSN: 2348 – 8352.
2. Ashita Singh, Sudhir Singh Bhadauria, Manish Mudgal, Suresh Singh Kushwah (Feb 2021) Effect of alkali activator dosage on compressive and tensile strength of ground granulated blast furnace slag based geopolymer concrete, Canadian Journal of Civil Engineering, doi.org/10.1139/cjce-2020-0558, ISSN: 0315-1468 / 1208-6029

3. Aruna Rawat, Matsagar V A (Feb 2021) An oblate spheroid base isolator and floating surface diaphragm for seismic protection of liquid storage tank, Journal of Earthquake Engineering, DOI: 10.1080/13632469.2021.1875939
4. Geeta Batham, Akhtar Saleem (June 2021) Concrete using agricultural waste and egg shell powder waste: a review, International Research Journal of Engineering and Technology, Volume: 08 Issue: 06, 947- 949, e-ISSN: 2395-0056, p-ISSN: 2395-0072
5. Geeta Batham (June 2021) Use of natural organic fibre in cement concrete :a review, International Research Journal of Engineering and Technology, Volume: 08 Issue: 06, 950- 952, e-ISSN: 2395-0056 p-ISSN: 2395-0072
6. Geeta Batham (June 2021) Concrete using industrial waste for partial replacement of natural sand : a review, International Research Journal of Engineering and Technology, e-ISSN: 2395-0056 p-ISSN: 2395-0072
7. Geeta Batham, Akhtar Saleem (June 2021) Alternatives to coarse aggregate in cement concrete : a review, International Research Journal of Engineering and Technology, Volume: 08 Issue: 06, 953-956 e-ISSN: 2395-0056 p-ISSN: 2395-0072
8. Satish Kumar Jain, (June 2021) Variation of Trap Efficiency with Age of Gandhi Sagar Reservoir-A Case Study, Journal of Emerging Technologies and Innovative Research (JETIR), Volume 8, Issue 6, 223-229 ISSN-2349-5162.

Conference

9. Ashita Singh, Himanshu Verma, Sudhir Singh Bhadauria (2021) Effect of Acidic Environment on Alkali Activated Slag Concrete, 3rd International Conference (Online) on Sustainable Materials and Structures for Civil Infrastructure UIT RGPV, Bhopal, 24- 25 March 2021.
10. Sushil Singh Baghel, Sudhir Singh Bhadauria, Ashita Singh (2021) Effect of Potassium Based Activators on Mechanical Strength of Cement Free Concrete, 3rd International Conference (Online) on Sustainable Materials and Structures for Civil Infrastructure UIT RGPV, Bhopal, 24- 25 March 2021.
11. Harsh Yadav, Devansh Jain, Praveen Kumar (2021) An Experimental Study of Pervious Concrete using Cementitious Materials, 3rd International Conference (Online) on Sustainable Materials and Structures for Civil Infrastructure UIT RGPV, Bhopal, 24- 25 March 2021.
12. Aakriti Mehra, S. S. Kushwah, Aruna Rawat (2021) Effect of Different Sources of Fine Aggregates on the Properties of Concrete, 3rd International Conference (Online) on Sustainable Materials and Structures for Civil Infrastructure UIT RGPV, Bhopal, 24- 25 March 2021.
13. Arafat Rehman, Manendra Pratap Verma and Aslam Hussain (2021) Rehabilitation of Concrete Structures to Extend a Structure's Life, 3rd International Conference (Online) on Sustainable Materials and Structures for Civil Infrastructure UIT RGPV, Bhopal, 24- 25 March 2021.
14. Santosh Kumar Kharole, Sunil Kumar Vishwkarma (2021) A Review on Progressive Failure Behaviour of Building Structures and Mechanisms, 3rd International Conference (Online) on Sustainable Materials and Structures for Civil Infrastructure UIT RGPV, Bhopal, 24-25 March 2021.
15. Harsh Khare, Sudhir Singh Bhadauria (2021) Seismic Site Characterization and Microzonation Studies: A Review, 3rd International Conference (Online) on Sustainable Materials and Structures for Civil Infrastructure UIT RGPV, Bhopal, 24-25 March 2021.
16. Harsh Khare, Sudhir Singh Bhadauria (2021) A Systematic Review of Multichannel Analysis of Surface Waves Application in Geotechnical Engineering, 3rd International Conference (Online) on Sustainable Materials and Structures for Civil Infrastructure UIT RGPV, Bhopal, 24-25 March 2021.

17. Satish Kumar Ahirwar, Aruna Rawat, Ranjeet Joshi (2021) A Review Study on Soil-Structure Interaction, 3rd International Conference (Online) on Sustainable Materials and Structures for Civil Infrastructure UIT RGPV, Bhopal, 24-25 March 2021.
18. Ieesha Mishra, Prateek Singh Choudhary (2021) Reduction in Energy Consumption by Using Green Technology, 3rd International Conference (Online) on Sustainable Materials and Structures for Civil Infrastructure UIT RGPV, Bhopal, 24-25 March 2021.
19. Santosh Kumar Kharole and Sunil Kumar Vishwkarma (2021) Seismic Analysis of Multistorey Structure Using Infill Masonry, Bare Frame and Steel Bracing System (IN-BF-SBS), 3rd International Conference (Online) on Sustainable Materials and Structures for Civil Infrastructure UIT RGPV, Bhopal, 24-25 March 2021.
20. Sudhir Singh Bhadauria and Kapil Malviya (2021) Literature Review on Comparison of Frame With Shear Wall And Frame With Bracing Over An Edifice For Seismic Resistance, 3rd International Conference (Online) on Sustainable Materials and Structures for Civil Infrastructure UIT RGPV, Bhopal, 24-25 March 2021.
21. Sudhir S. Bhadauria and Prateek Singh Choudhary (2021) Finite Element Modelling of Geogrid Reinforced Square Footing on Soft Soil, 3rd International Conference (Online) on Sustainable Materials and Structures for Civil Infrastructure UIT RGPV, Bhopal, 24-25 March 2021.
22. Waseem Khan, Saleem Akhtar, Aruna Rawat, Anindya Basu (2021) Three Dimensional Finite Element Analysis of Reinforced Concrete Column Under Uniaxial Compression Loading Using CDP Model, 3rd International Conference (Online) on Sustainable Materials and Structures for Civil Infrastructure UIT RGPV, Bhopal, 24-25 March 2021.
23. Aashish Kumar Jain, Rajesh Bhargav, Aruna Rawat (2021) Vibration Analysis of Circular Cylindrical Steel Silos with Varying Thickness, 3rd International Conference (Online) on Sustainable Materials and Structures for Civil Infrastructure UIT RGPV, Bhopal, 24-25 March 2021.
24. Hirendra Pratap Singh, Anupam Sharma (2021) Study of metro rail transport system-A case study of Bhopal, 3rd International Conference (Online) on Sustainable Materials and Structures for Civil Infrastructure UIT RGPV, Bhopal, 24-25 March 2021.
25. Rahul Patel, Suresh Singh Kushwah and Aruna Rawat (2021) A Literature Review of Energy Analysis of a Building, 3rd International Conference (Online) on Sustainable Materials and Structures for Civil Infrastructure UIT RGPV, Bhopal, 24-25 March 2021.
26. Amit Rai and Kapil Malviya (2021) An Experimental Work on Reclaimed Asphalt Pavement for Rural Road, 3rd International Conference (Online) on Sustainable Materials and Structures for Civil Infrastructure UIT RGPV, Bhopal, 24-25 March 2021.
27. Sandeep Gupta, Aditya Joshi , Anupam Sharma (2021) Design and Analysis of T-Beam Bridge Girders using Different Codes, 3rd International Conference (Online) on Sustainable Materials and Structures for Civil Infrastructure UIT RGPV, Bhopal, 24-25 March 2021.
28. Waseem Khan, Saleem Akhtar, Aruna Rawat, Anindya Basu (2021) Flexural Performance of Concrete Beams under Cyclic Loading, 8th International Congress on Computational Methods in Structural Dynamics and Earthquake Engineering (COMPDYN2021), Athens, Greece, 27-30 June 2021.
29. Sonaram, S S Kushwah and Aruna Rawat (2021) Mass and stiffness irregularities in braced framed RCC buildings, International Conference (Online) on Recent Advances in Civil Engineering for Sustainable Development (RACESD- 2021), MANIT, Bhopal, 13-14 February 2021.

30. Waseem Khan, Saleem Akhtar and Aruna Rawat (2021) Finite element analysis of concrete beam, International Conference (Online) on Recent Advances in Civil Engineering for Sustainable Development (RACESD- 2021), MANIT, Bhopal, 13-14 February 2021
31. Amit Choukiker, Aruna Rawat (2021) Energy Analysis of a green building International Conference (Online) on Recent Advances in Civil Engineering for Sustainable Development (RACESD- 2021), MANIT, Bhopal, 13-14 February 2021
32. Satish Kumar Jain (2021) Performance evaluation of sediment determination techniques on Gandhi Sagar reservoir, International Conference (Online) on Recent Advances in Civil Engineering for Sustainable Development (RACESD- 2021), MANIT, Bhopal, 13-14 February 2021
33. Satish Kumar Jain (2021) Prediction of sub grade soil strength from soil classification and compaction parameters for fine grained soils, International Conference (Online) on Recent Advances in Civil Engineering for Sustainable Development (RACESD- 2021), MANIT, Bhopal, 13-14 February 2021
34. Satish Kumar Jain (2021) Designing of improved stilling basin model for pipe outlet, International Conference (Online) on Recent Advances in Civil Engineering for Sustainable Development (RACESD- 2021), MANIT, Bhopal, 13-14 February 2021
35. Satish Kumar Jain (2021) Swelling behaviour of expansive soil mixed with Lime and fly ash, International Conference (Online) on Recent Advances in Civil Engineering for Sustainable Development (RACESD- 2021), MANIT, Bhopal, 13-14 February 2021
36. Satish Kumar Jain (2021) Effect of gradation and relative density on shear strength properties of sand, International Conference (Online) on Recent Advances in Civil Engineering for Sustainable Development (RACESD- 2021), MANIT, Bhopal, 13-14 February 2021
37. Anupam Sharma (2021) Comparative Analysis of T-beam bridge girders using different codes, National Conference on Advances in Mechanical and Civil Engg., SIRT Bhopal, 25-26 June 2021

WS/FDP /STTP/Seminar/Conference/Training Programme Attended

Name of Faculty	WS/FDP / STTP / SEMINAR / CONFERENCE / TRAINING PROGRAMME	Title of Programme	Name of Institution/ Organization	No. of days	to date	from date
Satish kumar Jain	STTP	Emerging Trends in Geoinformatics Techniques and Applications	MANIT Bhopal	5	1-3-21	5-3-21
Ashita Singh	Webinar	Role of artificial neural network in water treatment	TIT, Bhopal	1	24-02-21	24-02-21
Ashita Singh	Webinar	Micro-mechanical performance evaluation of expansive soil	TIT, Bhopal	1	26-02-21	26-02-21
Santosh Kumar Kharole	3rd International Conference (Online)	Sustainable Materials and Structures for Civil Infrastructures	UIT RGPV, Bhopal	2	24-03-21	25-03-21
Santosh Kumar Kharole	ATAL FDP	Emerging Technologies for Sustainable Environmental Management,	NIT Calicut	5	31-05-21	04-06-21

Santosh Kumar Kharole	ATAL FDP	Sustainable Practices in Civil Engineering	University Visvesvarya College of Engineering (UVCE), Bangalore	5	14-06-21	18-06-21
Aslam Hussain	3rd International Conference (Online)	Sustainable Materials and Structures for Civil Infrastructures	UIT RGPV, Bhopal	2	24-03-21	25-03-21
Ashita Singh	3rd International Conference (Online)	Sustainable Materials and Structures for Civil Infrastructures	UIT RGPV, Bhopal	2	24-03-21	25-03-21
Devansh Jain	3rd International Conference (Online)	Sustainable Materials and Structures for Civil Infrastructures	UIT RGPV, Bhopal	2	24-03-21	25-03-21
Prateek Singh Choudhary	3rd International Conference (Online)	Sustainable Materials and Structures for Civil Infrastructures	UIT RGPV, Bhopal	2	24-03-21	25-03-21
Kapil Malviya	3rd International Conference (Online)	Sustainable Materials and Structures for Civil Infrastructures	UIT RGPV, Bhopal	2	24-03-21	25-03-21
Amit Rai	3rd International Conference (Online)	Sustainable Materials and Structures for Civil Infrastructures	UIT RGPV, Bhopal	2	24-03-21	25-03-21
Anupam Sharma	3rd International Conference (Online)	Sustainable Materials and Structures for Civil Infrastructures	UIT RGPV, Bhopal	2	24-03-21	25-03-21
Rahul Patel	3rd International Conference (Online)	Sustainable Materials and Structures for Civil Infrastructures	UIT RGPV, Bhopal	2	24-03-21	25-03-21
Satish kumar Jain	STTP	Emerging Trends in Geoinformatics Techniques and Applications	MANIT Bhopal	5	1-3-21	5-3-21
Ashita Singh	Webinar	Role of artificial neural network in water treatment	TIT, Bhopal	1	24-02-21	24-02-21
Ashita Singh	Webinar	Micro-mechanical performance evaluation of expansive soil	TIT, Bhopal	1	26-02-21	26-02-21
Santosh Kumar Kharole	3rd International Conference (Online)	Sustainable Materials and Structures for Civil Infrastructures	UIT RGPV, Bhopal	2	24-03-21	25-03-21
Aslam Hussain	3rd International Conference	Sustainable Materials and Structures for Civil	UIT RGPV, Bhopal	2	24-03-21	25-03-21

	(Online)	Infrastructures				
Ashita Singh	3rd International Conference (Online)	Sustainable Materials and Structures for Civil Infrastructures	UIT RGPV, Bhopal	2	24-03-21	25-03-21
Devansh Jain	3rd International Conference (Online)	Sustainable Materials and Structures for Civil Infrastructures	UIT RGPV, Bhopal	2	24-03-21	25-03-21
Prateek Singh Choudhary	3rd International Conference (Online)	Sustainable Materials and Structures for Civil Infrastructures	UIT RGPV, Bhopal	2	24-03-21	25-03-21
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Anupam Sharma	3rd International Conference (Online)	Sustainable Materials and Structures for Civil Infrastructures	UIT RGPV, Bhopal	2	24-03-21	25-03-21
Rahul Patel	3rd International Conference (Online)	Sustainable Materials and Structures for Civil Infrastructures	UIT RGPV, Bhopal	2	24-03-21	25-03-21

Online courses (NPTEL/SWAYAM/ etc) Attended/Certified





Sr. no	Name of Faculty	No of weeks	Title of Course	Name of Coordinating Agency	Status (Certified/atte)	Month and Year of Passing
1.	Santosh Kumar Kharole	8	Plastic Waste Management	NPTEL	Certified	Mar-21
2.	Satish Kumar Jain	12	Foundation Engineering	NPTEL	Certified	2021
3.	Aruna Rawat	8	M 7, Creative Problem Solving, Innovation and Meaningful Research and Development	AICTE-NITTR (NITTT-2021)	Certified	Mar 2021

Students Achievements




A. Student's achievement in GATE 2021

S.No.	Enrollment No	Student's Name	Marks out of 100	GATE Score	Rank	Examination paper
1.	0101CE171003	 Adarsh Deolia	42.7	492	6316	Civil Engineering
2.	0101CE171005	 Agrishi Goyal	32.24	382	12830	Civil Engineering
3.	0101CE171014	 Ankit Sahu	40.47	468	7282	Civil Engineering
4.	0101CE171016	Anushka Dehariya	27.46	332	17749	Civil Engineering
5.	0101CE171020	 Ashutosh Dohare	33.33	270	2164	Environmental science and engineering

6.	0101CE183D03	 Kuldeep Prajapati	69.89	777	522	Civil Engineering
7.	0101PC171018	 Mahima Verma	26.09	317	19590	Civil Engineering
8.	0101CE171030	 Mayank Dev Shrivastava	62.6	701	1302	Civil Engineering
9.	0101CE171044	 Ritesh Kumar Gupta	37.04	432	9178	Civil Engineering
10.	0101CE171054		46.28	529	4960	Civil Engineering

SHIVAM SHIVHARE						
11.	0101CE171059	 Utkarsh Gupta	73.05	810	314	Civil Engineering
12.	0101CE171060	 Vatsal Jain	29.21	350	15661	Civil Engineering
13.	0101CE171065	 VisheshSahu	31.23	371	13648	Civil Engineering
14.	0101CE171065	 VisheshSahu	38.67	338	1609	Environmental science and engineering

CAT 2020

S.No.	Enrollment No	Student's Name	Percentile
1.	0101CE171004	 Aditya tiwari	88.87
2.	0101CE171008	 Aman Kumar Pandey	98.23
3.	0101CE171027	 Jagrati Singh	85.68

B. Students participated in extracurricular activities:

Sr. no.	Student's Name	Enrollment No.	Name Of The Activity / Event	Date of Event	Sem.	Name Of The Organizing Institute
1.	Swati Kasde	0101CE191069	Autocad Internship	20-01-21	3	Empirical Institute Pioneer Of Success
2.	Aayushi Soni	0101CE191003	Arcadia, An Online Aptitude Event	02-02-21	3	RGPV And Coding Ninjas
3.	Suhasini Dehariya	0101CE191065	Catc Camp Of NCC	08-02-21	3	1 MP CTR Bhopal
4.	Shivani Dhakad		Catc Camp Of NCC	10-02-21	3	1 MP CTR Bhopal
5.	Shivam Gautam	0101CE181057	UIT RGPV Bhopal NCC Cadet Unit 1 MPCTR	22-02-21	3	UIT RGPV Bhopa
6.	Divyansh Jain	0101CE201025	Uddipan Festival By Iscon Ujjain	25-02-21	1	Iscon Ujjain,MP.
7.	Om Prakash Mishra	0101CE201043	Women's Day Quiz	08-03-21	1	NSS RGPV Bhopal
8.	Anjana Prajapati	0101CE201012	National Youth Day, Online	08-03-21	1	UIT RGPV Bhopa

			Quiz			
9.	Anjana Prajapati	0101CE201012	International Women Day , Painting	08-03-21	1	UIT RGPV Bhopa
10.	Anjana Prajapati	0101CE201012	International Women Day , Slogans	08-03-21	1	UIT RGPV Bhopal
11.	Yash Gawali	0101CE191072	Revit 2021 Bootcamp	10-03-21	3	Learnmall.In Banglore
12.	Anjana Prajapati	0101CE201012	TEQIP	15-03-21	2	UIT RGPV Bhopal
13.	Shivam Mahale	0101CE171053	Internship	01-04-21	7	UIT-RGPV
14.	Kuldeep Singh	0101CE181035	National Engineering Olympiad	29-05-21	6	National Engineering Olympiad
15.	Harsh Singh Thakur	0101CE181031	N. E. O.	29-05-21	6	N. E. O.
16.	Anuj Singh Rajawat	0101CE191015	Fundamentals of Construction Project Management	19-06-21	5	Skill-Lync
17.	Yash Gawali	0101CE191072	Architectural Visualization using 3Ds Max	29-06-21	3	Domestika

Editorial Board

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Dr. Aruna Rawat, UIT-RGPV, Bhopal

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Website: <https://www.uitrgpv.ac.in/>