



# SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA, INDORE

In Collaboration with  
**THE INSTITUTION OF ENGINEERS (INDIA)**  
Announces

## PRAGYATA-2023

NATIONAL CONFERENCE  
ON  
**SUSTAINABLE INFRASTRUCTURE:  
CHALLENGES AND OPPORTUNITIES**

April 28-29, 2023

MODE  
**ONLINE**

### Venue

University Campus, Indore-Ujjain State Highway,  
Indore (M.P.) India

### Contact

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## **PATRONS**

**Shri Purushottamdas Pasari, Chancellor - SVVV, Indore**

**Dr. Upinder Dhar, Vice-Chancellor - SVVV, Indore**

## **CONFERENCE CHAIR**

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**Faculty of Engineering & Architecture SVVV, Indore**

## **CONVENER**

**Dr. Ananda Babu K.**

## **CO-CONVENER**

**Prof. Sudhanshu Dube**

**Dr. Raana Pathak**

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## About Indore

Indore is an important commercial centre of Madhya Pradesh. It boasts of well-developed industrial areas like Dewas and Pithampur where major industrial houses have production facilities. Indore is the city in India to house both, Indian Institute of Technology, and Indian Institute of Management. Major IT giants such as TCS and Infosys have setup their new ventures at Super Corridor, Indore. Super Corridor is a new Industrial area, developed by M.P. Government as IT and Medical Hub. Indore has been recognized as the cleanest city of India six times in a row and is also in the first 20 cities to be developed as smart city. Indore is well-connected by road, rail and air routes.

## About Shri Vaishnav Trust

Year 1884 is a landmark year as the foundation stone was laid 138 years ago for Shri Vaishnav Group of Institutions by compassionate Cloth Merchants of Vaishnav cult of Indore, which was later reconstituted as Shri Vaishnav Sahayak Kapada Market Committee in the year 1934. Shri Vaishnav Vidyapeeth Trust believes in taking the Nation forward by improving the quality of life of its citizens by continuously working in the sphere of Education, Health and Environment. It has been established to promote education and research in various disciplines through academic Institutions for the benefit of all sections of the society, but not with the motive of profit. Under the guidance of Shri Vaishnav Sahayak Kapada Market Committee, Shri Vaishnav Shekshanik Avam Parmarthik Nyas was established in the year 1981. Since then, Nyas has been working relentlessly for the upliftment of the society and country as a whole by providing better technical and professional education, health facilities, schools and other services. Shri Vaishnav Sahayak Kapada Market Committee is running Colleges, Schools and Institutes of Professional Studies and Research and also rendering social service.

## Shri Vaishnav Vidyapeeth Vishwavidyalaya

Shri Vaishnav Vidyapeeth Vishwavidyalaya is a State Private University established under Madhya Pradesh Niji Vishwavidyalaya (Sthapana Avam Sanchalan) Adhiniyam in 2015 at Indore (India). The University has been established with a vision to be leader in shaping better future for mankind through quality education, training and research. It shall pursue the mission to make a difference in sustaining the growth of global societies by developing



socially responsible citizens. Value based education being at the helm, the University promotes endurance, excellence, fairness, honesty and transparency as its core values.

Some of the objectives of the University are as under:

- To provide teaching and training in higher education and make provision for research as well as advancement and dissemination of knowledge.
- To ensure world class quality in its offerings and create higher levels of intellectual abilities.
- To create centres of excellence for research and development for sharing knowledge and its applications.

The University is offering Undergraduate, Postgraduate, Integrated, Dual Degree and Doctoral programs in various disciplines through the following constituent Institutions:

- Shri Vaishnav Institute of Technology and Science
- Shri Vaishnav Institute of Information Technology
- Shri Vaishnav Institute of Textile Technology
- Shri Vaishnav Institute of Forensic Science
- Shri Vaishnav Institute of Architecture
- Shri Vaishnav School of Management
- Shri Vaishnav Institute of Journalism and Mass Communication
- Shri Vaishnav Institute of Science
- Shri Vaishnav Institute of Social Science, Humanities and Arts
- Shri Vaishnav Institute of Computer Applications
- Shri Vaishnav Institute of Fine Arts
- Shri Vaishnav Institute of Commerce
- Shri Vaishnav School of Law
- Shri Vaishnav Institute of Agriculture
- Shri Vaishnav Institute of Home Science
- Shri Vaishnav Institute of Law
- Shri Vaishnav Institute of Professional Studies
- Shri Vaishnav Institute of Paramedical Sciences
- Faculty of Doctoral Studies & Research

Besides these Institutions, the University established following Centres:

- Centre of Excellence in Plasma Research

- Centre of Excellence in Happiness Studies
- Centre of Vocational Studies
- Centre of Excellence in Sustainable Development
- Centre of Excellence on Simulation and Gaming
- Centre of Excellence in Data Science

## Shri Vaishnav Institute of Technology & Science

Shri Vaishnav Institute of Technology & Science (SVITS) is a constituent institute of SVVV. SVITS is imparting quality education to the students in core engineering branches like Electrical, Electronics, Mechatronics, Robotics, Internet of Things (IoT), Railway, EV Engineering, Solar Energy, Civil, Mechanical & Automobile Engineering. With more than 10,000 students as Alumni, SVITS has been a leading flag bearer of engineering education in Central India since last 27 years. It was established in 1995 and has been Accredited by National Board of Accreditation (NBA), New Delhi for two times (2006 & 2012).

## Department of Civil Engineering

Department of Civil Engineering aims to meet the future needs of the construction industry and society by producing professional civil engineers competent in analysing, designing, and managing solutions for practical engineering problems. The department has state-of-the-art laboratories with all equipment and software which cater to academic needs and fulfil authentic testing of materials for stakeholders. The department provides various opportunities for students regarding their Industrial Internship, Industry Project & Industrial visits that has helped students in excellent placement in core companies.

## About PRAGYATA

National Conference on “Sustainable Infrastructure: Challenges and Opportunities (PRAGYATA-2023)” is going to be organized on 28-29, April 2023 at Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore (MP), India. Pragyata-2023 will provide a national forum for exchanging ideas, information, and experiences among academicians, researchers, consultants, engineers,

manufacturers, and postgraduate scholars. It will also serve as a medium to discuss and evaluate the latest research trends, innovative technologies, policies and new directions in infrastructure development, pollution prevention and eco-friendly technologies adapted by developing countries, and to promote cooperation and networking amongst practitioners and researchers involved in addressing sustainable and resilient infrastructure. The conference will be concise, clear and cohesive in terms of research related to innovative trends and sustainable developments in the different fields of technology.

## Conference Themes

Proposed themes for the conference are as follows, but not limited to...

### Track 1: Materials, Structures and Construction

- Advances in science and technology of cement, admixtures, and concrete
- Concrete with recycled materials
- Sustainability of concrete and Durability of concrete
- Structural health monitoring

### Track 2 : Geotechnical, Geosynthetic and Geotextile Applications

- Soil stabilization material and methods
- Reinforced earth structures and materials
- Ground Investigation and Ground risk management
- Ground improvement techniques

### Track 3 : Water Resources and Environmental Pollution

- Water Resources Planning and Management
- Ground water Modeling & Recharge
- Water and Wastewater Treatment
- Municipal Solid Waste characterization and management

### Track 4: Transportation, Surveying, and Construction Management

- Material Characterisation
- Pavement Materials Evaluation
- Application of Remote Sensing and GIS
- Time and Cost Optimization in Project Management

### Track 5: Multidisciplinary Perspectives in Sustainable Infrastructure



## Important Dates

Submission of Full Paper	: March 15, 2023
Acceptance Notification	: March 30, 2023
Camera Ready Submission and Registration	: April 08, 2023
Conference - Online Mode	: April 28-29, 2023

## Paper Submission

Submit your original manuscript through easy chair online platform. The link for paper submission is <https://easychair.org/conferences/?conf=pragyata2023>

Kindly use ASCE conference template for your research paper. The conference template is available at <https://ascelibrary.org/userimages/ContentEditor/1452004406712/author%20formatting%20instructions.docx>

## Paper Publication

All Papers will be published in the ISBN book.

## Registration Fees

Industry Person	: 2000 INR
Academician	: 1500 INR
Research Scholar	: 1000 INR

## Mode of Payment

All registered users can make their payment online through NEFT  
A/C Name - Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore  
A/C no. 50100256398597, HDFC Bank, Indore, IFSC code: HDFC0000281

**For any query, visit <http://pragyata.svvv.edu.in>  
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(+91-9926523930), Mr. Vaibhav Singh (+91-9407061225)**



Organized by

**SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA,  
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