

ABOUT AKSU

AKS University has been established under act No. 44 of 2011 passed by legislative assembly of M.P. AKS University at Satna [M.P.] promoted by the eminent Rajiv Gandhi Group of Institutions and value-driven professionals with an enviable track-record of moulding almost 30000 students over last 22 years, is guided by the principle of Think Global and Act Local. The AKS University is emerging as a leading institute of knowledge, research & consultancy in a number of faculties, namely Engineering & Technology, Computer Application & IT and Science, Agricultural Science & Technology, Pharmaceutical Science & Engineering, Life Sciences & Technology, Basic Science, Management Studies, Fine Arts and Design, Commerce and Financial Studies, Social Sciences & Humanities.

AKS University is involved towards developing skilled professionals who are spiritually conscious and responsible nation builders. Various national/international linkages with academic institutions & corporate besides co-curricular & extracurricular cells like Institute-Industry Interface Cell, Entrepreneur Development Cell are an integral part of AKS University.

About Faculty of Engineering & Technology

Faculty of Engineering & Technology (FE&T) runs B.Tech, M.Tech (Interegated) and Diploma level courses in Civil, Electrical, Mechanical, and Mining & Cement Technology. Department of Civil Engineering is running successfully both B.Tech and diploma courses. The department has well equipped state-of-the art laboratories with facilities like Material testing lab, survey lab, Geotechnical lab, Concrete testing lab, Transportation lab, Highway engineering lab, Fluid mechanics lab, Software simulation lab, water Resource and Public health engineering lab.

Need for the IMPULSE 2.0

Rapid growth of population and environmental concerns have put alarm for improving the pace and quality of development. Conventional practices are continuously proving to be out of date, while meeting the socio-economic requirements.. Civil Engineering being in the core of such developments, severe challenges have uplifted the moral of the discipline resulting into advancement of the technology in the past few decades in the areas of, but not limited to;

- 1) Construction Materials and Management
- 2) Infrastructure Planning and Technology
- 3) Structural Design
- 4) Geotechnical Investigation.
- 5) Environmental Impact Evaluation.
- 6) Water Resource & Management.
- 7) Transportation.

REGISTRATION

We solicit sponsorship/co-sponsorship from civil, mining and agriculture industries to support this seminar . Details can be had from the Convener.

Gold Sponsorship : Rs.50,000/- (with 6 free delegates to attend as delegate, One colored page Advertisement free).

Silver Sponsorship : Rs.35,000/- (with 4 free delegates to attend as delegate, One colored page Advertisement free).

Bronze Sponsorship : Rs.25,000/- (with 2 free delegates to attend as delegate, One colored page Advertisement free).

Registration for the workshop can be done through online mode either by Phone pay or Paytm along with the duly-filled registration form of "AKS University" payable at Satna so as to reach us on or before 6th November 2022.

Category	Registration Fees
Students/Research Scholar (FT)	350
Faculty/Research Scholar (PT)	1000
Others	2000

ADVERTISEMENT IN THE BANNER

Colored page : Rs. 25,000/- (A4 size)
Full page Black & White : Rs. 15,000/- (A4 Size)

Abstract are invited for the POSTER and the PAPER must be written in Times-new-Roman, 12 point font, 1.5cm spacing and MS-word format and should briefly reflect all the aspects of the study. Title should be in bold letters. The submission should be made on A-4 size paper. The abstract should include Title in capital, authors with surname followed by initials and affiliations. The name of presenting author should be indicated by underlining the author. The paper can be submitted through e-mail or a hard copy along with CD. The size of poster should not exceed 120x90 cm. Submit the abstract to: shraddhapandeyabc@gmail.com till 6th November 2022

ABOUT SATNA

Satna, situated in the eastern parts of Madhya Pradesh is one among the 100 cities selected to be developed as Smart Cities by Union Ministry of Urban Development. Known for it's best agricultural production in the country, the town is near Chitrakoot (UP), Panna, Amarkantak and Khajuraho.. For air travelers, Jabalpur is 160 km by road and rail.

NATIONAL SEMINAR ON SUSTAINABLE DEVELOPMENT IN CIVIL ENGINEERING



IMPULSE 2.0
2K22

(10-11 November 2022)



Organized by

Department of Civil Engineering
Faculty of Engineering & Technology
AKS University, Satna
www.aksuniversity.ac.in

Theme for IMPULSE 2.0

As per U.N. 2030 Agenda for Sustainable Development and its Sustainable Development Goals it is defined as **development** "Sustainable is the development that meets the needs of the present without compromising the ability of future generations to meet their own needs. With continuous growth of economic activities, Increasing rate of population growth, Fast-paced Urbanization, Industrialization, Reduction in Greenery, Rising use of Chemical and Artificial products. It is imperative to look development through the lenses of sustainability.

The theme would endorse both philosophical and numerical based analyses, more importantly dealing with following topics in the background of **sustainable development**.

1. Town Planning
2. Sustainable Infrastructure Development
3. Climate Resilient Infrastructure and Sustainable Water Supply and drainage.
4. Concrete and sustainability
5. Waste Management
6. Innovative Trends & Smart Technology in Civil engineering for sustainable development
7. Sustainable Building Materials.
8. Artificial Intelligence in Civil Engineering.

TECHNICAL SESSION

Speaker & Chief Guest of Inauguration Ceremony

HON'BLE SANTOSH CHANDRA RAY,
Chief GM (PC-CO),
GAIL AUTHORITY OF INDIA LTD.

DR. DK JAIN
ASSISTANT PROFESSOR,
REWA ENGINEERING COLLEGE

PROF. GC MISHRA
DIRECTOR (CEMENT TECHNOLOGY)
AKS UNIVERSITY, SATNA

ER. VISHUTOSH BAJPAI
M.Tech (STRUCTURAL ENGINEERING)
ASSISTANT PROFESSOR,
AKS UNIVERSITY, SATNA

ER. SHRADDHA PANDEY
M.Tech (GEO TECHNICAL ENGINEERING)
ASSISTANT PROFESSOR,
AKS UNIVERSITY, SATNA

ER. SATISH TIWARI
M.Tech (WATER RESOURCES ENGINEERING)
ASSISTANT PROFESSOR,
AKS UNIVERSITY, SATNA

ER. ADITYA BUDHADHRA
M.Tech (STRUCTURAL ENGINEERING)
ASSISTANT PROFESSOR,
AKS UNIVERSITY, SATNA

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CONVENER

Er. Vishutosh Bajpai

ORGANIZING TEAM

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Er. Aditya Budhadhra
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Ms. Akanksha Agarwal
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IMPULSE 2.0 (Innovations in **M**aterials,
Personnel and **U**tility through **L**ong –Lasting
Sources of **E**nergy)



(10-11 November 2022)

Name _____

Designation _____

Organization _____

Mailing Address _____

Accommodation required : YES / NO

Paper Presentation : YES/NO

Tel (O) _____ Tel (R) _____

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E-Mail ID: _____

Category (Industry/R&D/Academics/Students/
Delegate) _____

(Please Tick whichever is applicable) Cash / DD

D.D. No: _____ Drawn on _____

Dated _____ Amount _____

Signature of Participant _____ Date: _____

For further details please contact :-

Prof Vishutosh Bajpai

Convener

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