



# DAYANANDA SAGAR COLLEGE OF ENGINEERING

*"An Autonomous Institution, Affiliated to VTU, approved by UGC & AICTE, Accredited by NAAC with 'A' Grade and accredited by NBA"*

*Shavige Malleshwara Hills, Kumaraswamy Layout, Bengaluru-560078, Karnataka, India*

## *International Conference*

*on*

## *Sustainability and New Paradigms in Civil Engineering*

*(snpcce-2020)*

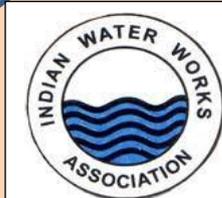
*E-Mail: [snpcce-2020@dayanandasagar.edu](mailto:snpcce-2020@dayanandasagar.edu)*

*07<sup>th</sup> to 11<sup>th</sup> December 2020*

**Jointly Organized by**

**Department of Civil Engineering and**

**Department of Construction Technology & Management**



## ABOUT DAYANANDA SAGAR COLLEGE OF ENGINEERING

Dayananda Sagar College of Engineering (DSCE) is an Autonomous Institute approved by All India Council for Technical Education (AICTE), Govt. of India and affiliated to Visvesvaraya Technological University (VTU). It has widest choice of engineering branches having 15 Under Graduate programs & 13 Post Graduate programs. In addition, it has 20 Research Centers in various branches of Engineering catering to research scholars for obtaining Ph.D. under VTU. All the UG programs are accredited by NBA. DSCE is accredited by NAAC with "A" grade. The Institute is spread over twenty-nine acres of land with large infrastructure supported by laboratories with State-Of-The-Art, Equipment & Machines. The Central Library with modern facilities and the Digital Library provides the knowledge base for the students. The campus Wi-Fi is equipped with large bandwidth internet facility. The College has good faculty strength with highest professional integrity and committed to the academics with transparency in their actions. The faculty members are research oriented having number of sponsored Research projects from different agencies such as Department of Science & Technology, Defense Research & Development Organization (DRDO), Indian Space Research Organization (ISRO) and AICTE.

## ABOUT THE DEPARTMENT

Civil Engineering Department has been in existence since the inception of Dayananda Sagar College of Engineering in 1979 and has grown into a full-fledged autonomous department with ultra-modern infrastructure supported by laboratories with state-of-the-art Equipment & Machines. The academic programmes, B. Tech., M.Tech., M.Sc. and Ph.D., of the Civil Engineering department at Dayananda Sagar College of Engineering are some of the best in the country. Traditionally, Civil Engineering being the broadest of engineering disciplines, Structural, Environmental, Transportation, Geotechnical and Construction Engineering at Dayananda Sagar College of Engineering has recently expanded its curriculum to encompass even more academic options M.Sc and Ph.D., in Engineering in response to societal needs. The Research and Development cell of the department is actively engaged in various funded projects, students now have opportunities to work with researchers and gain research experience leading to master's and doctoral degrees in civil engineering. Research scholars working on funded projects will get financial assistance as research fellowship. The department houses excellent laboratories, digital classrooms, and computer facilities for teaching and research. Apart from academics department encourages student to actively involve themselves in various extracurricular/co-curricular activities organised by NSS, Technical Club, Cultural Club and Sports Club of the department. One of them is "Sukrutha" under which many community oriented activities such as "Swach Bharath" and "Save Water" are carried out throughout India. National and International conferences are organized by the department for the continuous knowledge upgradation. The activities conducted by these clubs will instill competitive spirit and will develop technical, ethical and cultural competency of the students. "Industry-Institute-Interaction" provides a platform for both students as well as faculty members to be aware of industry expectations of skill sets required for students.

The department has signed eleven MOU's with industries with various specializations in civil engineering. The department is having funded projects from AICTE, ISRO, VTU, MoES, MoS, etc and Consultancy projects in rural development, environmental and structural engineering.

The department of Construction Technology and Management, (CTM) is an optimum blend of Civil Engineering and Management specialization. Department offers 4 year bachelor of engineering program in Construction Technology and Management. This is designed to provide the necessary education for entry into various construction industry like residential, commercial, industrial, infrastructure sector etc. and related careers such as real estate and land development. The department also offers 2 years Master of Technology program in Highway Technology creating future highway specialists who will be engaged in the planning, design, construction, operation and maintenance of urban road infrastructure works.

## ABOUT THE CONFERENCE

This conference focuses attention on the importance of eco-friendly materials and advocating for the sustainable management of natural resources. This includes design, construction and utilization of local/waste materials with the objective of achieving an insight in the technological advancements with respect to sustainability and various paradigms in civil engineering. This international conference will also help to upgrade the knowledge of the participants with regard to latest technological developments in various fields of civil engineering. The scope of this international conference is to highlight eco-friendly sustainable techniques. Thrust areas to be discussed in this conference are alternate techniques in design and construction, Innovations in Geotechnical Engineering, Water Supply Infrastructures, highways, use of C & D wastes and other similar byproducts of environment. The theme brings together panel of experts to prepare a blue print for management of eco-friendly materials to preserve & protect the natural resources for sustainable development.

## KEYNOTE SPEAKERS

### 1. Dr. Vijay P. Singh

Distinguished Professor, Civil Engineering,  
Texas A & M University, Texas, USA

### 4. Dr. P. Lens

Prof of Water Resource Engg  
UNESCO, IHE, Delft, Netherlands

### 2. Dr. Nemy Banthia

Prof & Sr. Research Chair,  
University of British Columbia, Canada

### 5. Dr. Amritpal S. Sagoo

HoD School of Architecture and Built Environment,  
NottinghamTrent University, UK

### 3. Mr. Kumar Ramaswamy

Senior Structural Engineer at Aecom NZ.  
Auckland, New Zealand.

### 6. Dr. Vivian Robert

CEng FCIHT, CEng (India) MIE. Strategic Safety and  
Integrated Transport Professional. AECOM, University,  
Nottingham, United Kingdom.

## CALL FOR PAPERS

Prospective authors are encouraged to contribute to and shape the conference through submissions of their original, unpublished research abstracts and full length papers. The conference solicits contributions of abstracts and papers in the following topics but not limited to. Essential title page information includes, Title, Author names and affiliations, Abstract (restrict to 400 words) and Keywords should be sent to the following email address: [snpce-2020@dayanandasagar.edu](mailto:snpce-2020@dayanandasagar.edu). Full length papers should be submitted, after receiving intimation of acceptance of the abstracts.

## CONFERENCE TOPICS

High quality technical papers related to the theme but not limited to the areas specified below.

- Civil and Structural Engineering
- Structural Health Monitoring
- Construction and Renewable Energy Sources
- Highway and Transportation Engineering
- Traffic engineering and Transport Planning
- Water and Air Quality monitoring
- Hydrology and Water Resources Engineering
- Surveying and photogrammetry
- Reliability Engineering Nano Materials
- Smart Materials
- Building Structure and Bridge Engineering
- Construction Management and Concrete Tech.
- Geotechnical Engineering
- Highway Construction Materials
- Environmental Engineering
- Water Supply and Drainage Engineering
- Green Building Material
- Advanced Construction Materials
- Forensic in Civil Engineering
- Eco-friendly Construction Materials

## IMPORTANT DATES

Last date for submission of abstracts:	10 <sup>th</sup> Nov 2020
Intimation of acceptance of abstracts to send full length paper:	17 <sup>th</sup> Nov 2020
Last date for submission of full length paper:	25 <sup>th</sup> Nov 2020
Last date for Registration	31 <sup>st</sup> Nov 2020

## REGISTRATION LINK

<https://docs.google.com/forms/d/1rz-REnFmx1R7coEI1WThCiKdTgMiXhaTqPCxgJs7mkM/edit>

## REGISTRATION FEE STRUCTURE (INR)

International Delegates (Academia, R&D Organisations and Industries)	Rs 500/-
National Delegates (Academia, R&D Organisations, Faculty and Industries)	Rs 250/-
National Delegates (Students/Research Scholars)	Rs 100/-

## MODE OF PAYMENT

### NEFT Details

Account name: Dayananda Sagar College of Engineering      Bank: Bank of Baroda  
Account No.:74370100007399      IFSC code: BARB0VJDASC (fifth character is zero)  
Branch: Dayananda Sagar College Branch, Kumaraswamy Layout, Bangalore 560078  
**Note:** Kindly specify the UTR number along with the author name and bank name from where the payment has been made to our account.

### Demand Draft (DD)

Demand Draft drawn in favor of Principal, Dayananda Sagar College of Engineering, payable at Bengaluru 560078  
**Note:** Please specify your name and SNPCE - 2020-21 Conference paper ID on the back of the Demand Draft and send it to the following address, Organizing Secretary SNPCE - 2020-21, Department of Civil Engineering, Dayananda Sagar College of Engineering, Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore 560 078, Karnataka, India.

## PUBLICATION AND BEST PAPER AWARD

All Accepted Papers will be published in Scopus Indexed Journals after peer review with publication charges. Further, publishing/partnering Journals will be updated. Cash awards for Best papers will be given for each session.

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Dr. Abhishek A Pathak, Assistant Professor, DSCE  
+91-7411758251,  
[abhishekipathak-cvl@dayanandasagar.edu](mailto:abhishekipathak-cvl@dayanandasagar.edu)

Mr. Nitin Kumar, Assistant Professor, DSCE  
+91-9738602096,  
[nitin-cvl@dayanandasagar.edu](mailto:nitin-cvl@dayanandasagar.edu)

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