

Call for Papers

# INTERNATIONAL CONFERENCE

“Delivering Future Infrastructure for Developing Countries”

Driving Change for the Future



**INFRACON**  
**2019**

10<sup>th</sup> -12<sup>th</sup> July, Pune, India

Jointly organised by

Symbiosis Centre for Management and Human Resource Development (SCMHRD),  
Constituent of Symbiosis International (Deemed University), Pune, India

and

School of Architecture and Built Environment, University of Wolverhampton, United Kingdom



At SCMHRD, we believe that research is the precursor to success in all fields, and more so in infrastructure. We regularly conduct workshops/ knowledge exchange programs to promote research. As a part of this endeavour, we are pleased to announce the first international conference INFRACON'19 in association with School of Architecture and Built Environment, University of Wolverhampton on the very relevant and important area of “Delivering Future Infrastructure for Developing Countries” which is to be held on July 10th – 12th 2019 (<http://infracon.scmhrd.edu/>).

The aim of this conference is bringing together international researchers, students, public officers, policy makers and practitioners in the infrastructural domain to discuss issues and trends, recent research, innovation advances and on-the-field experiences related to Governance, Infrastructure, and Business with a special focus on developing countries.

## TRACKS AND TOPICS

**INFRACON 2019** solicits high-quality papers, reporting research results and/or experimental results on Delivering Future Infrastructure for Developing Countries. Submissions will be judged on their originality, significance, clarity, relevance, and technical correctness. Accepted papers will be published in reputed digital library.

We extend the invitation for participation in **INFRACON 2019** through “Call for papers” to all academicians, research scholars, scientists, and industry professionals to submit their abstracts.

Tracks	Topics
I. Financing Infrastructure Projects	<ul style="list-style-type: none"> <li>Public Policy in Developing Countries</li> <li>Funding and Financing: What does the future hold?</li> <li>Public Private Partnerships</li> <li>Risk Management</li> <li>Innovative Infrastructure Financing Models</li> <li>Financing Smart Cities Projects</li> <li>Financing Transport, Water, Energy and Digital infrastructure</li> </ul>
II. Developing Smart Urban Infrastructure Assets	<ul style="list-style-type: none"> <li>Smart Infrastructure and Policy</li> <li>Smart Cities Governance</li> <li>Innovative Business Models for Delivering Smart Cities</li> <li>Smart Urban Waste Management</li> <li>Smart Urban Transport Systems</li> <li>Smart and Sustainable Energy Systems</li> <li>Smart Buildings</li> <li>Smart Health Care Services</li> <li>Smart Land Use</li> <li>Smart Policing</li> <li>Smart Surveillance</li> <li>Infrastructure Resilience</li> </ul>
III. Digital Technologies, Processes and Analytics to Deliver and Manage Infrastructure Assets	<ul style="list-style-type: none"> <li>Offsite Manufacture and Innovative Manufacturing Methods</li> <li>Performance Based Design And Maintenance</li> <li>Building Information Modelling</li> <li>Artificial Intelligence</li> <li>Robotics</li> <li>3D Printing</li> <li>Additive Manufacturing</li> <li>The Internet of Things</li> <li>Autonomous Vehicles</li> <li>Blockchain</li> <li>Drones</li> <li>Augmented and Virtual Reality</li> <li>Predictive Analytics for Infrastructure Asset Development and Management</li> <li>Big Data Applications in Infrastructure Sector</li> <li>Intelligent Transportation Systems</li> </ul>
IV. Infrastructure Asset Management	<ul style="list-style-type: none"> <li>Asset Management Policies</li> <li>Asset Management Frameworks</li> <li>Business Intelligence in Asset Management</li> <li>Technological Innovations for Asset Management</li> <li>Asset Maintenance Strategies</li> <li>Corrective Maintenance</li> <li>Scheduled Maintenance or Periodic Maintenance</li> <li>Condition-based Maintenance or Predictive Maintenance</li> <li>Risk-based Maintenance</li> <li>Multi-component Maintenance Management</li> <li>Challenges for Infrastructure Asset Management</li> </ul>
V. Low Carbon Infrastructure	<ul style="list-style-type: none"> <li>Sustainable Development Goals</li> <li>Bio-inspired Solutions for Infrastructure</li> <li>Training and Education for Sustainable Infrastructure</li> <li>Sustainable Financing</li> <li>Water and Energy Nexus</li> <li>Urban Metabolism</li> <li>Renewable Energy</li> <li>Policy Drivers and Barriers</li> </ul>
VI. Sustainability, Society, Culture and Innovation	<ul style="list-style-type: none"> <li>Innovation in Design</li> <li>Quality of Life</li> <li>Socio-economic Impact Analysis</li> <li>Social Responsibility</li> <li>Frugal Innovation and Sustainopreneurship</li> <li>Diversity and Gender Issues in Infrastructure Development</li> <li>Boosting Employment</li> <li>Engaging with SMEs</li> <li>Inclusive Designs</li> </ul>

## IMPORTANT DATES

Particulars	Dates
Deadline for Abstract Submission	15 <sup>th</sup> April 2019
Deadline for notifying abstract selection	25 <sup>th</sup> April 2019
Deadline for full paper submission	24 <sup>th</sup> May 2019
Deadline for notifying authors	31 <sup>st</sup> May 2019
Last date for Early Bird Payment	10 <sup>th</sup> June 2019
Last date for Conference Payment	24 <sup>th</sup> June 2019
Conference Dates	10 <sup>th</sup> -12 <sup>th</sup> July 2019

## GUIDELINES FOR ABSTRACT SUBMISSION

Selection of papers for presentation will be based on abstracts of about 200-300 words. Abstract must include a clear indication of the purpose of research, methodology, major findings and implications. Authors are requested to adhere to the following:

Length	About 200-300 words excluding title / cover page and references
Title Page	Title, author(s), affiliation(s), contact details
Key Words	Four

Abstracts will be blind reviewed and only those abstracts approved by the reviewers will be selected. Authors can submit abstract online through EasyChair Portal. Link for Abstract Submission <http://infracon.scmhrd.edu>

## REGISTRATION FEES

Nationality	Category	Early-bird registration	Regular registration
Delegate from India	Corporates	INR 4000	INR 5000
	Faculty	INR 2700	INR 3000
	Students	INR 1800	INR 2000
Delegate from developing nations	Faculty	USD 170	USD 220
	Students	USD 100	USD 120
Delegate from other nations	Corporates	-	USD 300
	Faculty	USD 170	USD 220
	Students	USD 100	USD 120

For Registration and Payment details, please refer <http://infracon.scmhrd.edu/>

## BEST PAPER AWARD

To encourage bright young researchers and practitioners in the field of **Infrastructure Development and Management**, best paper awards will be given for every track.

## CORPORATE WORKSHOP & SPONSORSHIP OPPORTUNITIES

We encourage Practitioners, Corporates & Delegates for Sponsorship Activities through case studies and workshops during the conference days (10-12 July 2019).

### Contact Details

Dr. Rahul Hiremath & Dr. Gurudas Nulkar  
(Conference Co-Convener)

SCMHRD, Symbiosis Infotech Campus, Plot No. 15, Rajiv Gandhi Infotech Park,  
MIDC, Hinjewadi, Pune, Maharashtra 411057.

Email: [infracon@scmhrd.edu](mailto:infracon@scmhrd.edu) | Website: <http://infracon.scmhrd.edu> | Mobile: 77570 33410



## About Symbiosis International (Deemed University)

Prof. Dr. S B Mujumdar established Symbiosis on the principles of Vedic thought of “World as One Family” and is resplendent of the activities and students of several countries. SIU [Symbiosis International (Deemed University)] has established institutes across 7 faculties: (1) Law, (2) Management, (3) Computer Studies, (4) Health & Bio-medical Sciences, (5) Media, Communication & Design, (6) Humanities & Social Sciences and (7) Engineering. It hosts over 27,000 Indian and International students on campus. Recently Symbiosis International (Deemed University) was re-accredited by UGC NAAC (National Accreditation and Assessment Council) with ‘A’ Grade. SIU has collaborations with several renowned universities of the world and encourages students & faculty exchange and participation in various academic and research programmes.

## About Symbiosis Centre For Management And Human Resource Development (SCMHRD)

SCMHRD is a premier institute honing world class leaders and entrepreneurs. Established in 1993, SCMHRD’s MBA program is one of the most prestigious programs in India. SCMHRD specializes in producing quality talent in the fields of HR, Marketing, Finance, Operations, Infrastructure Development and Management and Business Analytics. SCMHRD believes that wholesome knowledge is the distilled essence of our institutions corroborated by experience and practical learning. Hence the rigorous academic curriculum is designed such that it prepares students to deliver their best. Apart from academic excellence, SCMHRD also focuses on equipping the students with the latest technical competencies used in the corporate world. SCMHRD also provides opportunities to develop their leadership and entrepreneurship skills through various student activities and institute initiatives. Association with National Entrepreneurship Network is one such initiative to breed young entrepreneurs.

## About University of Wolverhampton

The University of Wolverhampton (UoW) is a leading modern university with a tradition of providing opportunity and academic excellence dating back nearly 190 years. With over 500 courses to choose from delivered across our 18 Schools and Institutes, UoW’s attracts students from around the world. UoW has achieved 96% graduate employability (Destination of Leavers of Higher Education survey 2016), teaching informed by world-leading research, strong business links, and state-of-the-art facilities.

The Faculty of Science and Engineering (FSE) at UoW offers innovative courses and collaboration in the nationally significant areas of Science, Mathematics, Engineering, Computer Technology and the Built Environment. The FSE has built on the university’s rich and long history of technology, teaching and local skills provision to become a significant player in the high-tech reskilling that is of national and international importance. Leading companies such as Morgan, Jaguar Land Rover, Moog, UTC Aerospace Systems work closely with the faculty as it provides skilled graduates required in Science/Technology/Engineering domains.

The faculty’s academic, technical and auxiliary staff support undergraduate and post-graduate courses which provide students a rich immersion in academic study, personal growth, skills expertise and work flexibility. We encourage life, work and business competency. FSE trains scientists, engineers and designers of the environment and entrepreneurs and workers who can adapt to constantly changing demands and scenarios.

## About Pune

Famously known as the Oxford of the East, Pune hosts a vibrant and talented youth culture from all around the world. Surrounded by the Western Ghats, Pune is the second largest city in the state of Maharashtra and invites every academic for an intellectual retreat. The latest addition on the 100 smart cities in India, 150 Kilometers from Mumbai, Pune has also evolved into a hub for business, IT and higher studies due to its geographical location. It is hailed as the cultural capital of Maharashtra besides being the eight largest metropolis in India. Once the centre of power of the Maratha Empire, in recent years Pune has developed strong educational infrastructure and fostered talented young minds in diversified fields of study. Thus, it is a city of many opportunities and cultures.

## Climate

Pune has a tropical wet and dry climate with average temperatures ranging between 20 to 28 °C (68 to 82 °F) in July. July is the last month of monsoon. Heavy rainfall is expected in 2019.

## VENUE

**Symbiosis Centre for Management and Human  
Resource Development (SCMHRD)**

**Symbiosis Infotech Campus,**

Plot No. 15, Rajiv Gandhi Infotech Park, MIDC,  
Hinjawadi Phase - 1, Pune – 411057, Maharashtra, India.  
+91 - 020 22934304 / 05