

NICMAR

2nd INTERNATIONAL CONFERENCE ON CONSTRUCTION, REAL ESTATE, INFRASTRUCTURE AND PROJECT MANAGEMENT (ICCRIP 2017)

NOVEMBER 10 – 11, 2017

Venue: National Institute of Construction Management and Research (NICMAR), Pune

CHIEF PATRON : Dr. Mangesh G. Korgaonker, Director General, NICMAR

CONVENER : Dr. Jonardan Koner, Professor & Dean, NICMAR

CO-CONVENERS : Dr. Vishwanath Lele, Professor & Dean, NICMAR
Dr. Kirti Rajhans, Associate Professor, NICMAR
Dr. Sudhir Ambekar, Assistant Professor, NICMAR
Dr. Vishal Patyal, Assistant Professor, NICMAR
Dr. Amit Hiray, Assistant Professor, NICMAR
Dr. Tushar Jadhav, Assistant Professor, NICMAR
Dr. Amol Pawar, Assistant Professor, NICMAR
Dr. Dipayan Roy, Assistant Professor, NICMAR
Prof. Avadhoot Dixit, Assistant Professor, NICMAR
Prof. Shekhar Nagargoje, Assistant Professor, NICMAR
Prof. Priyanka Bendigiri, Assistant Professor, NICMAR

ABOUT THE CONFERENCE

National Institute of Construction Management and Research is organizing the 2nd International Conference on Construction, Real Estate, Infrastructure and Project (CRIP) Management during November 10 – 11, 2017 at Pune, India. Academicians, Researchers, Practitioners, Industry Professionals, Engineering / Architecture / Planning Students are invited and encouraged to submit research papers / posters / project thesis work to the conference. The conference theme is divided into four tracks and five different participation categories. A workshop on Construction, Real Estate, Infrastructure and Project (CRIP) Management will be held during the conference period.

CALL FOR PAPERS

Academicians, industry practitioners, research scholars and students are cordially invited to contribute original research papers (both empirical and conceptual) or case studies on any of the areas given below. The conference offers five different participation categories namely research papers, industry outlook / practice, posters, project work / thesis and workshop.

CATEGORY 1: RESEARCH PAPER ON CONSTRUCTION, REAL ESTATE, INFRASTRUCTURE AND PROJECT (CRIP) MANAGEMENT

Track 1: Management

- Construction Management
- Real Estate Management
- Infrastructure Management
- Project Management
- Public Private Partnership (PPP)
- Smart Cities and Management
- Risk Management for Projects
- Financial Crisis affecting CRIP
- Marketing Management for CRIP
- Strategic Management in CRIP
- Financial Management in CRIP
- Construction Economics
- Solid Waste Management
- Water Resource Management
- Value Creation and Value Based Management

Track 2: Sectoral Issues

- Infrastructure Finance
- Dynamics of Company Indebtedness
- Urban Infrastructure
- Transportation
- Project Planning and Engineering Economics
- Embodied Energy
- Renewable Energy
- Power Generation, Transmission and Distribution
- Construction Contracts and Law
- Productivity
- Green Buildings
- Built Environment
- Role of Investment Trusts in CRIP
- Building Services
- Financial Innovation for CRIP Sector
- Role of Financial Institutions in CRIP Sector
- Financial Econometrics Application in CRIP Sectors
- Human Resource Development for CRIP
- Marketing Research Applications in CRIP Sectors
- Special Economic Zones

Track 3: Engineering and Technology

- Electrical Motors and Generators
- New Technology and Methods
- Concrete and Special Concrete
- Engineering Machines and Equipments
- Heating, Ventilation and Air Conditioning (HVAC)
- Geotechnical Engineering
- Alternate Building Materials
- Building Information Modeling
- Remote Sensing (RS) and Geographical Information System (GIS)
- Environmental Engineering
- Irrigation Engineering
- IT in Construction
- Enterprise Resource Planning (ERP)
- Information Technology for CRIP

Track 4: Research in Education and Skill Development in CRIP Industries

- Education in Civil / Mechanical / Electrical Engineering and Job Opportunity / Employability in CRIP Industries
- Higher Education in CRIP Management and Advancement Opportunities in CRIP Industries
- Comparative Analysis of Post Graduate Studies and Jobs vis-a-vis Skill Development in CRIP Industries
- Research and Research Methods in CRIP Industries
- Skill Development for Technicians, Supervisors and Entry Level Executives in CRIP Industries

Note: The list of the tracks is indicative. Papers conforming to the overall theme of the conference but not mentioned in the topics above, are also welcome.

CATEGORY 2: INDUSTRY OUTLOOK / PRACTICE PRESENTATIONS

This category is planned to give a platform to Industry Professionals to present their research ideas / cases / experiences in Construction, Real Estate, Infrastructure and Project (CRIP) sectors. Industry professionals should send a title and summary of their presentation in 250-300 words.

CATEGORY 3: ENGINEERING / ARCHITECTURE STUDENTS' PROJECT / THESIS WORK

This category is planned to give a platform to the aspiring young researchers of Engineering / Architecture / Planning (final year graduating students) to present their research ideas on the basis of project / thesis work in the following disciplines:

- Civil, Mechanical, Electrical and Instrumentation Engineering with a particular reference to CRIP sector
- Architecture
- Planning

Students should submit a title and summary of their project / thesis work upto 500 words.

CATEGORY 4: POSTER PRESENTATIONS

Posters are invited on any of the prescribed tracks of the conference. Please refer to the poster submission guidelines given on our website for further details.

CATEGORY 5: WORKSHOP ON CONSTRUCTION, REAL ESTATE, INFRASTRUCTURE AND PROJECT (CRIP) MANAGEMENT

- Introduction to MSP
- Primavera
- BIM

We invite Engineering / Architecture students to attend the CRIP management workshop, which will be conducted by experts from NICMAR. The interested candidates have to register separately for the workshop, and the participation fee for the same is Rs. 1000/- per head which includes workshop kit, breakfast and lunch. The workshop will be simultaneously conducted on 10th and 11th November, 2017.

IMPORTANT DATES

- **Notification of acceptance** : **September 18, 2017**
- **Last date of registration** : **September 28, 2017**

ABOUT THE NATIONAL INSTITUTE OF CONSTRUCTION MANAGEMENT AND RESEARCH (NICMAR)

The National Institute of Construction Management and Research (NICMAR), has been constituted as a not-for-profit organisation with the objective of engaging in activities for the promotion of education, training, research, professionalism and skill development at all levels of the Construction Management, Real Estate Management, Infrastructure Management, and Project Management (CRIP). Besides NICMAR's objectives include undertaking special projects, collaboration with other organisations, dissemination of knowledge through seminars/conferences, etc; publishing literature, undertaking consultancy and taking necessary actions conducive to fulfillment of the needs of Society. Under the Bombay Public Trust Act, 1950, NICMAR was registered as a Public Trust in 1982. The NICMAR Society was constituted in 1984, registered under the Societies' Registration Act, 1860. The Board of Trustees, Board of Governors and the Director General, referred in the Memorandum of Association as the 'Chief Executive' of the Society, are responsible for all the decisions and actions related to NICMAR. At the Institute level, there is an Academic Council chaired by Director General which is responsible for all academic decisions. There is also a 'Research Advisory Board', an 'Academic Advisory Council' and a 'PGP Executive Committee' to provide advisory support in these areas. There is a well-developed internal organisational structure with well-defined roles and responsibilities for regular administration and management of the Institute.

NICMAR takes pride in being a unique, specialised institute in the country dedicated to provide post graduate education in Construction, Real Estate, Infrastructure and Project (CRIP) Management and allied areas. Its educational programmes primarily involve imparting/acquiring knowledge and skills specifically needed for professionals in construction and allied industries such as real estate, projects and infrastructure.

NICMAR received the UNDP grant which enabled the Institute to involve eminent academicians from Massachusetts Institute of Technology, USA; University of Michigan, USA; University of Loughborough, UK; International Labour Organisation, Geneva; Indian Institute of Management, Ahmedabad and other institutes in India, and eminent practitioners from India in development of the first full-fledged curriculum for a two year Post Graduate Programme in Advanced Construction Management in the late eighties.

NICMAR places strong emphasis on research and industrial consultancy. NICMAR faculty have published and presented a large number of research papers in national/international journals and conferences. NICMAR faculty members have been invited speakers at several conferences and have won medals for their paper presentations. The Institute's work in research has led to its recognition as a Scientific and Industrial Research Organisation (SIRO) by Department of Scientific and Industrial Research, Government of India consistently since 1990. NICMAR has undertaken sponsored research studies for various organisations including Government of Maharashtra, organisations in public and private sectors, professional associations.

The Institute faculty members published 144 research papers and presented 103 papers in the conference/seminar at International/National level during the year 2015-16. The Institute has also successfully carried out many consulting studies for such organisations. In order to ensure that the Institute's educational programmes are substantially benefited from research and consulting studies, there is strong emphasis on case writing by faculty members. As of now, faculty members have registered over 279 cases. Thus, education, research, industrial problem solving and training efforts are all directed to make available a professionally competent human resource to carry out the many challenging jobs that need to be effectively performed in the Institute's chosen areas of concentration.

ABOUT THE NICMAR PUNE CAMPUS

NICMAR Pune campus is situated at Balewadi, 14 kilometres away from the Pune Central Railway Station and 7 kilometres from Savitribai Phule Pune University and the Mumbai-Bangalore expressway runs along the Institute. It has over 3,94,676 square feet built up area on 11 acre plot of land built using the latest materials and technologies. Equipped with state-of-the-art facilities, the campus buildings blend harmoniously with the landscaped greenery all around.

Physical infrastructure of the campus includes classrooms, seminar rooms, tutorial rooms, auditorium, Indoor Convocation Theatre (ICT), faculty cabins, offices, a library with stack areas, reference section and documentation center, scholar's cabins, computerised catalogues, inter-campus online library, computer centers, 24 hour internet and e-mail facility, a guest house, a modern and well-equipped kitchen, students and faculty dining halls. Other facilities include photocopying center, solar water heating, sewage treatment plant, vermiculture, lift facility at Silver Jubilee Hostel and Millennium Hostel, cafeteria, generator backup to all the buildings, doctor, dispensary, first-aid kits, community hall, indoor and outdoor recreation infrastructure i.e., football ground, basketball court, tennis court, badminton court, volleyball court, gymnasium, recreation hall with table tennis, carrom boards, chess boards and T.V. with dish connection, students parking facility (two wheeler), stationery and general store, and laundry facility.

ABOUT THE HYDERABAD CAMPUS AT SHAMIRPET

NICMAR Hyderabad (Shamirpet) campus is situated at Shamirpet, 30 kilometres away from Secunderabad Railway Station and 7 kilometres from Ratnalayam Temple which is on the Karimnagar highway. It has over 1,70,000 sq ft. built-up area on a 12.5 acre plot of land; built using the latest materials and technologies and equipped with state-of-the-art facilities. The campus buildings blend harmoniously with the landscaped greenery all around.

Physical infrastructure of the campus includes classrooms, seminar rooms, syndicate rooms, auditorium, amphitheatre, faculty cabins, offices, a library with stack areas, reference section and documentation center, 24-hour internet and e-mail facility, a modern and well-equipped kitchen, students and faculty dining halls. Other facilities

include cafeteria, generator backup to all the buildings, first-aid kits, medical assistance and doctor. Indoor and outdoor recreation infrastructure i.e., cricket, basketball court, tennis court, badminton court, volleyball court, gymnasium, carrom boards, chess boards and TV with dish connection, students parking facility (two wheeler), bank and ATM, stationery, provisional store, laundry, hair salon (for boys & girls), reprography center and sewage treatment plant and RO plant water softener.

ABOUT THE GOA CAMPUS AT FARMAGUDI

NICMAR Goa campus was established in Goa in association with 'Mushtifund Sauntha' in October 2007 and is located in the picturesque city of Ponda (Farmagudi). The premises has classrooms, seminar hall, library, computer labs, faculty room, offices, hostel and dining facility. It can accommodate 170 students in Ponda Commerce Center building, 80 students in Pearl hostel, Ponda, and 80 students in the main campus building, Farmagudi on sharing basis. The campus has facilities for sports and recreational activities like table tennis, carrom, television room, soccer and volleyball grounds and indoor stadiums for swimming, badminton and gymnasium. The campus provides banking facilities like ATM and guest rooms. The surrounding area of campus has hospitals, hotels and restaurants, temples, churches, post office, shopping complex, bus stand etc. The campus is also well connected with roads, rail and air network.

ABOUT THE DELHI NCR CAMPUS AT BAHADURGARH

NICMAR Delhi NCR campus at Bahadurgarh was established in association with Aakriti Ganga Educational Trust (AGET). It is located near the village Dulhera, astride the Bahadurgarh-Jhajjar State Highway No 22, midway between Bahadurgarh and Jhajjar. The campus is housed on a sprawling 10 acre land with lush green surroundings. The newly established campus has state-of-the-art infrastructure, with well laid out Academic and Hostel blocks. The campus is situated in a noise and pollution free environment; ideal for academic activities. In addition, the campus also has facilities for sports, cultural and extra-curricular activities.

The area is transforming into an educational hub with numerous institutions and training establishments in the vicinity. Also, the location has linkages with national capital, IT city of Gurgaon, Jhajjar, Bahadurgarh and Rohtak. The KMP (Kundli, Manesar, Palway Expressway) crosses our campus at a distance of 1.1 kilometres providing access to the entire National Capital Region.

SUBMISSION GUIDELINES FOR PAPERS

- Papers based on original data, field experience, examination of specific aspects of policy or practice or techniques of fresh theoretical insights are preferred.
- Manuscripts should be prepared according to the **TEMPLATE** provided only.

- The Review Committee reserves the right to accept a manuscript for the conference. Papers are processed through a blind referral system by experts in the subject areas. To ensure anonymity, the author's name, designation and other details should appear only on the first page along with the title of the paper and should not be repeated anywhere else.
- The manuscript should not have more than 6000 words.
- Manuscripts are subject to editorial changes.
- The corresponding author is informed at every stage of the review process.
- An abstract of around 300 words should be submitted. Provide up to 5 Keywords on the title page.
- The paper should not have been published / presented previously.

POSTER PRESENTATION GUIDELINES

- The poster dimensions should not exceed 30"x40" (inches), designed in the portrait format. Landscape formats will not be accepted.
- Data should be kept to a minimum in favour of diagrams and photographs.
- Posters should follow the following format:

Title - All posters must carry a title. If a short title is different from the published full title, the latter should be included as a header in a smaller type. The title needs to accurately reflect the content of the poster and capture attention in ten words or less.

Author/s,

Institutional Affiliation/s,

Contact Details (Website, Email)

- Keep all text (headings and body text) to a minimum. Edit text to small paragraphs, bullet lists, or text boxes. Keep abbreviations and acronyms to a minimum.

- All text lettering should be large enough to be legible at a distance of 1.5m.

Recommended font sizes are:

Title: 72 pt

Headings: 48-60 pt

Body Text: 24-48 pt

- Design the poster with graphics. Use photos, figures, tables, diagrams. Label them if necessary.

- All text must be in English.

Guidelines for the structure of poster:

Abstract - This is a succinct summary, usually 150 words or less that begins with an introduction, identifies the research problem studied/intervention, the methods used, the results obtained, conclusion and the significance of those results.

Introduction: This section should provide a brief overview of the reasons that the research was initiated and provide a background on the materials and methods used in the study.

Methodology: The experimental and other methods used to accomplish the research should be succinctly outlined in this section.

Results: This section should outline the results of your work. Since posters are a visual method of presentation, the bulk of this section should be graphical rather than textual.

Conclusions: This section should provide a succinct summary of the conclusions you have obtained from your work as well as a statement of the direction of any future work, if relevant and appropriate.

Note: Soft copy/Electronic copy/Digital copy (high resolution pdf file type) of the poster should be submitted

Interested participants may submit their abstract / full paper through email to **conference@nicmar.ac.in**

AWARDS

A panel of experts will select three best entries in each category. The awards will comprise 'cash prize and certificate of merit'.

PUBLICATION OPPORTUNITIES

All accepted papers will be published in an edited volume with ISBN number. Notable papers will be published in the NICMAR Journal of Construction Management.

REGISTRATION

In order to register for the conference you need to visit <http://nicmar.ac.in> and complete the online registration process, or download the registration form from the website and send the duly filled form to the 'Convener of conference, National Institute of Construction Management and Research (NICMAR), 25/1, Balewadi, N.I.A. Post Office, Pune – 411045, Maharashtra'.

REGISTRATION FEE

Indian Academics:	INR 3000
Overseas Academics:	USD 100
Industry Participants:	INR 5000
Student Participants:	INR 1000

Registration fee includes conference kit, high tea, lunch and dinner.

ACCOMMODATION

Accommodation facility will be provided on request of the delegates in nearby hotels and NICMAR guest house on payment basis.

REACHING NICMAR PUNE CAMPUS

- i. The campus is about 14 kilometres away from Pune Central Railway Station and 7 kilometres from Savitribai Phule Pune University Gate. It is situated alongside the Mumbai-Bangalore highway, opposite to Shree Shiv Chhatrapati Sports Complex Stadium, Balewadi, Pune and adjoining the National Insurance Academy (NIA). The address is given below:
**National Institute of Construction Management and Research (NICMAR),
25/1, Balewadi, N.I.A. Post Office,
Pune – 411045, Maharashtra.**
- ii. Bus Route No. 208 starts from Hadapsar via Pune Railway Station Bus Stop and drops at Sadanand Hotel Bus Stop, Balewadi. Bus Route No. 114 starts from Pune Municipal Corporation Bus Stop and drops you at Sadanand Hotel Bus Stop or Bus Route No. 256 starts from Pune Municipal Corporation Bus Stand and drops you at NICMAR/Moze College Bus Stop. In case of unavailability of bus facility, it is better to take an auto rickshaw on your first trip to NICMAR campus. The one-way trip may cost you Rs. 250 to 350 from Pune Railway Station (day time tariff). We suggest that you may engage an auto to arrive at the above mentioned address.

CONFERENCE ADVISORY COMMITTEE

- Dr. Milind Phadtare, Dean – PGP, NICMAR
Dr. Mona N. Shah, Dean – SOPRIM, NICMAR, Pune
Dr. Chandrakant S. Gokhale, Dean – SOCM, NICMAR Pune
Dr. J. C. Edison, Dean – SOGM, NICMAR Pune
Dr. Sheshadri Tirumala, Dean – NICMAR Hyderabad at Shamirpet
Dr. Indrasen Singh, Dean – NICMAR Goa at Farmagudi
Dr. (Col) Nagaraj Mantha, Dean – NICMAR Delhi NCR at Bahadurgarh
Dr. Mukund Phatak, Dean – NICMAR

For any further enquiry / information, contact us on Telephone Nos.:
020-66859271 / 254 or Email to: conference@nicmar.ac.in