

Invites Applications for Full Time Post Graduate Course in :

M.ARCH. COMPUTER APPLICATIONS

Intake – 20 Seats

NAAC Accredited Recognition :

Government of Maharashtra.
Council of Architecture – COA, New Delhi.
Affiliated to Savitribai Phule Pune University.

ABOUT THE COURSE

SCOA institute started the first co-ed Computer Applications department across India 12 yrs ago in 2005. In this Department of Advanced Architectural Computation we investigate concepts from computation and contemporary sciences and their impact in the domain of architecture and urban design. It will probe concepts such as behavioral, parametric and generative design, algorithmic logic and key ideas from quantum physics, biology and systems theory as a knowledge resource and means of production. A productive dialogue will be initiated with experts from other fields, including mathematics, computer science and engineering, under the larger collaborative platform of Computational design.

FIELDS OF EXPOSURE

- Digital Tectonics
- Digital Morphogenesis
- Parametric design
- Generative architecture
- Performative Design
- Parametric Urbanism
- Hypertecture & Hypersurfaces
- Evolutionary prototyping
- Emergent design
- Interactive design

Course Eligibility :

- As per Council of Architecture norms.
- According to competent Authority of Maharashtra State.

Guest Experts & Collaorations:

- Dr. Nikhil.Shejwalkar (GIS Expert).
- Er. Ravindra Apre (Interaction Design Expert)
- Ar. Kaushik Sardesai (Computational Expert)
- Ar. Poonam Sardesai (Computational Expert)
- Ar. Swapnil Gawande (Computational Expert)
- Ar. Shripad Bhalerao (Computational Expert)
- Yogeshwar Shukla (Python Expert)
- Shridhar Mamidalaa (SRI Design Lab)
- Joint studio with Politecnico de Milano, Italy
- Collaboration with Blueprints Design for Autodesk
- Collaboration with Kakde Laser and Autocluster

Follow us on :



SCOA website QR Code



[M-Arch-Computer-Applications-SCOA](#)



[scoa_marchca](#)

Students Achievements:

- Research Paper Presentation at :
- The National Conference held by SSOU's School of Architecture, Urban Development and Planning.
 - The National Conference on Research in Architecture at DYP SOA, Lohegaon.

Extra – Curricular Activities

- Conducted Workshops at various places
- Organized Python workshop
- Industrial visit to Autocluster
- Industrial visit to Kakade Laser
- Organized Fabrication workshop
- Studio Visit- Sameep Padora Architects
- Studio Visit – Folds Studio, Serie Studio
- Studio Visit –SAV Architects
- Site Visit for Slum Redevelopment, Goa
- Interaction with Ar.Gerard de Cunha at House of Goa.

For Further Details contact:

- [Dr.Banani Banerjee – Principal](#)
principal.scoa@sinhgad.edu
- [Dr.Smita Suryawanshi, H.O.D](#)
smitasuryawanshi.scoa@sinhgad.edu
- [Ar. Harshada Vazarkar](#)
harshadavazarkar.scoa@sinhgad.edu
- [Ar. Ankoor Patil](#)
ankoorpatil.scoa@sinhgad.edu

