

# SCHOOL OF COMPUTER AND INFORMATION SCIENCES

The School of Computer and Information Sciences (SCIS) runs 6 programs with 27 faculty and more than 500 students. SCIS alumni are spread across the world in several top academic institutions and industry across the world in addition to being highly successful entrepreneurs.

## Academic Programs



- 5-Year Integrated M. Tech in Computer Science - Admission through JEE and JOSAA
- M. Tech programs in CS, AI & IT\* (BT and IS) - Admission through GATE/CCMT
- 2-Year MCA - Admission through NIMCET
- PhD in Computer Science - Admission through UoH Entrance Exam

## Faculty and Research Areas

27 faculty with PhDs from reputed institutes

### Research Areas:

- Image Processing, Computer Vision
- Machine Learning, Pattern Recognition, NLP
- Distributed, Cloud & Edge computing
- Computer Networks, Social Networks
- Bioinformatics, Embedded Systems
- Rough Sets, Software Engineering
- Algorithms and Theory, Metaheuristics
- Security, Cryptography, Block Chain



## Academic Innovation



- Country's first Masters Program in AI (1987) with more than 700 graduates thus far
- Unique Masters Program in Banking Technology and Information Security in collaboration with IDRBT, a Reserve Bank of India institution (2001)



<https://scis.uohyd.ac.in>



<https://uohyd.ac.in>

# UNIVERSITY OF HYDERABAD

The University of Hyderabad, a premier institution for postgraduate teaching and research in the country, was established by an Act of Parliament (Act No. 39 of 1974) on 2nd October 1974 as a Central University. The university's scenic and serene campus spans about 2,000 acres. Amidst the picturesque environment of the campus, several buildings have been constructed over the years to cater to the academic and residential needs of the campus community.

The University of Hyderabad is also recognized as one of the Institutions of Eminence, a status accorded by the Government of India in September 2019. This recognition reflects the university's standing, ability, and potential to join the ranks of the world's best institutions.



PHOTOS CREDIT: DR. NAVEEN NEKURI(SCIS), AND WEB

## EMERGENCY CONTACTS

HEALTH CENTRE: 040-23132400  
TRANSPORT HELP DESK: 7396579057 (ABHAY PRADHAN)  
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GENERAL ENQUIRY: COMPUTE2023@UOHYD.AC.IN



Institution of Eminence  
National Needs, Global Standards

# SCHOOL OF COMPUTER AND INFORMATION SCIENCES

ORGANIZING

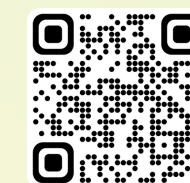
6TH ANNUAL COMPUTE CONFERENCE

# COMPUTE 2023

09 - 11 Dec, 2023

UNIVERSITY OF HYDERBAD

PROF. CR RAO ROAD, GACHIBOWLI, HYDERABAD,  
TELANGANA, INDIA-500046.



<https://event.india.acm.org/compute/home/>

## DAY-1 SCHEDULE

8:00-9:30  
REGISTRATION

9:30-10:00  
INTRODUCTION TO COMPUTE

10:00-11:00 (KEYNOTE)  
SEARCHING FOR COMPUTING'S SOUL: PROFESSIONAL  
PRACTICE AND THE FUTURE OF COMPUTING EDUCATION  
SPEAKER: SAMUEL MANN

11:00-11:30  
TEA BREAK/POSTERS

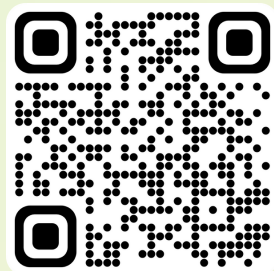
11:30-13:00  
PAPER PRESENTATIONS

13:00-14:30  
LUNCH/POSTERS

14:30-15:45  
PAPER PRESENTATIONS (JOINTLY WITH COMPED)

15:45-16:15  
TEA BREAK/POSTERS

16:15-17:15  
PAPER PRESENTATIONS (JOINTLY WITH COMPED)  
COMPED BEST PAPERS



VENUE FOR DAY-1: H105,  
HIMALAYA BLOCK,  
IIIT HYDERABAD

## DAY-2 SCHEDULE

9:00-9:30  
INAUGURAL AT UOH

9:30-10:30 (KEYNOTE)  
COMPUTING EDUCATION FOR PRIMARY SCHOOLING:  
DEVELOPING TEACHER KNOWLEDGE  
SPEAKER: AMAN YADAV

10:30-11:30 (KEYNOTE)  
RESEARCH AND EDUCATION IN IOT: MY HUMBLE  
CONTRIBUTIONS, EXPERIENCES AND THE ROAD AHEAD  
SPEAKER: SUDIP MISRA

11:30-12:00  
TEA BREAK/POSTERS

12:00-13:00  
LIGHTNING TALKS

13:00-14:30  
LUNCH/POSTERS

14:30-16:00  
(PARALLEL WORKSHOP SESSIONS)  
WORKSHOP 1: GETTING STARTED WITH COMPUTING  
EDUCATION RESEARCH (ROOM NO: G9)  
RESOURCE PERSONS: PRAJISH PRASAD, T.G. LAKSHMI, DEEPTI  
REDDY

WORKSHOP 2: DIGITAL TUTORS: ENHANCING EDUCATION  
WITH LLMS (ROOM NO: F6)  
RESOURCE PERSONS: PRAVEEN GARIMELLA, VASUDEVA VARMA

16:00-16:30  
TEA BREAK/POSTERS

16:30-18:00  
(PANEL DISCUSSION)  
PRACTICING COMPETENCY-BASED COMPUTING EDUCATION  
PANELISTS: JOHN IMPAGLIAZZO (MODERATOR), ALISON  
CLEAR, RAJENDRA K. RAJ, ABHIJAT VICHARE

18:30-19:30  
CULTURAL EVENT

19:30-21:30  
BANQUET DINNER

## DAY-3 SCHEDULE

9:00-10:00 (KEYNOTE)  
DEFINING DISABILITY INCLUSIVE EDUCATION  
SPEAKER: RAKESH PALADUGULA

10:00-11:00 (KEYNOTE)  
LEVELING UP EDUCATION: HARNESSING GENERATIVE AI FOR  
GAME-BASED LEARNING  
SPEAKER: ASHISH AMRESH

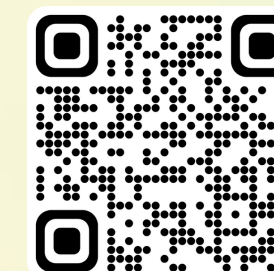
11:00-11:30  
TEA BREAK/POSTERS

11:30-13:00  
PAPER PRESENTATIONS

13:00-14:30  
LUNCH/POSTERS

14:30-16:00  
(PANEL DISCUSSION)  
LEARNING CODING AND SOFTWARE DEVELOPMENT IN THE ERA OF  
GENERATIVE AI  
PANELISTS: ALPANA DUBEY, SHOURYA ROY, SANDIPAN  
DANDAPAT, MADHAVAN MUKUND, CHAKRAVARTHY BHAGVATI

16:00-16:30  
CLOSING CEREMONY



VENUE FOR DAY-2 AND  
DAY3: ZAKIR HUSAIN  
LECTURE COMPLEX, UOH