

# 1<sup>st</sup> INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTATIONAL INTELLIGENCE AND INFORMATICS (ICACII-2019)

December 20<sup>th</sup> and 21<sup>st</sup> 2019

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**ANURAG**  
GROUP OF INSTITUTIONS  
AN AUTONOMOUS INSTITUTION

Organized by :

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

Venkatapur, Ghatkesar, Medchal (Dist.), Hyderabad  
Telangana, India - 500 088

## ABOUT AGI

Anurag Group of Institutions (AGI) established in 2002, has evolved into one of the top-ranked Autonomous Institutions of Telangana and is well reputed for its pursuit of excellence imparting world class education. Under the leadership of Founder and Chairman, Dr. Palla Rajeshwar Reddy (MLC, Whip in Govt. of Telangana), the institution has grown phenomenally and now offers a total of 10 UG and 13 PG programs in the fields of Engineering, Pharmacy and Business Management.

Sprawling over more than 50 acres, with its aesthetic architecture, lush greenery and avant-garde infrastructure, AGI offers an exciting academic environment, with more than 400 dedicated faculty members including 87 doctorates training our students to become truly global citizens. AGI practices Outcome Based Education techniques and blended pedagogy to help our students navigate the rapidly changing landscape of modern-day technological world. AGI's record crowning achievements in academics and high pay MNC placements for its students are the indicators of AGI's academic vibrancy. AGI boasts of a whopping 900+ placements in the academic year 2018-19 alone.

## About CSE Department

The Department of Computer Science and Engineering was established in the year 2002 with a vision of nurturing technically competent and socially responsible engineering professionals. The department offers undergraduate and postgraduate programs with an annual intake of 240 and 72 students respectively. The laboratories of the department are well equipped to train students in line with the industry requirements apart from their regular curriculum laboratory practice. The Department has six State-of-the-Art Computer Laboratories each with high end configuration systems.

A pre-placement training program, add-on courses from industry tie ups and MoUs have resulted in the establishment of Microsoft Innovation Center, Infosys Campus Connect, IBM Academic Initiative, Oracle Academy, Microsoft Dynamic Alliance partner, Technology Business Incubator, Red Hat, CISCO and IIT Bombay Aakash Project Center that impart additional training along with the regular class work for the students from second year onwards. The department is qualitatively standardized with NBA and NAAC Accreditation. The department has highly qualified faculty members with extensive teaching and research experience. The department aims at working on consultancy projects from industry. The department strives to build a highly motivated R&D team in collaboration with some of the top research organizations. The research could be implemented as funded projects from government/ private industry. The department has active student chapters of professional bodies like IEEE, ACM, CSI and ISTE. The continual university ranks, the highest scores in GATE and campus placements every year achieved by students are the indicators of the aspiration of the department.

## Achievements

- ◆ All India 169th Rank in Engineering in National Institutional Ranking Framework (NIRF)- 2019
- ◆ All India 76-100 Rank Band in Pharmacy in National Institutional Ranking Framework (NIRF)- 2019
- ◆ Ranked 4th Best Engineering College in Telangana with AAA+ Rating by Careers360- 2019
- ◆ Times of India Rankings -2019
  - Ranked 49th Best Engineering College in India
  - Ranked 7th Best Engineering College in Telangana
  - Ranked 3rd Best Engineering College in Telangana in 'Infrastructure' category
  - Ranked 3rd Best Engineering College in Telangana in 'Research' category
  - Ranked 6th Best Engineering College in Telangana in 'Placement' category
- ◆ Ranked 74th in Top 100 Private Engineering Colleges category by Times of India Rankings- 2018
- ◆ Ranked 8th Best Engineering College in Telangana by The Week 2016
- ◆ Ranked 7th Best Engineering College in Telangana by INDIA TODAY Rankings
- ◆ Best Engineering Education Award 2019 by CIMSME
- ◆ Received NSS- Best Performing College Award from Hon'ble President of India (NSS) -2017
- ◆ The Top Performing College Award for the years 2013 and 2015 by IBM
- ◆ The Best Engineering College Award by Indian Society for Technical Education -2012
- ◆ Accredited with Grade 'A' by National Assessment & Accreditation Council (NAAC)
- ◆ All UG programs are Accredited by National Board Accreditation (NBA)
- ◆ Accredited by Tata Consultancy Services (TCS)
- ◆ Granted Autonomous status by University Grants Commission (UGC)
- ◆ Included Under 2(f) and 12(b) of UGC
- ◆ Recognized as a Research Centre by JNTU Hyderabad



# 1<sup>st</sup> INTERNATIONAL CONFERENCE ON

## ADVANCES IN COMPUTATIONAL INTELLIGENCE AND INFORMATICS (ICACII-2019)

### Conference Theme

The aim of the 1st International Conference on Advances in Computational Intelligence and Informatics (ICACII- 2019), is to provide a platform for researchers, scientists, technocrats, academicians and engineers to exchange their innovative ideas and new research findings in the field of Computational Intelligence and Informatics till the end of 2019. The conference will boost excellent innovations in terms of day to day life and academics. The proceedings of the conference will unleash a package platform for innovative ideas into a single unit. Prospective authors are invited to submit manuscripts reporting original unpublished research and recent developments in the topics related to the field of Computational Intelligence and Informatics.

All authors are kindly encouraged to contribute and help shape the conference through submissions of their research papers. High quality research contributions describing original and unpublished results of conceptual, constructive, empirical, experimental, or theoretical work in the areas of Computational Intelligence and Informatics are cordially invited for presentation at the conference.

The topics of the conference will cover all aspects of research and applications in Computational Intelligence and Informatics but not limited to

- |                                      |  |
|--------------------------------------|--|
| • Computational Intelligence         | • Image Processing & Video Processing    |
| • Data Mining and Data Warehousing   | • Wireless Networks                      |
| • High Performance Computing         | • Social Networks                        |
| • AI & ML Applications               | • Wireless Sensor Networks               |
| • Geo Science & Remote Sensing       | • Information and Network Security       |
| • Parallel and Distributed Computing | • Network Security                       |
| • Soft Computing                     | • Internet of Things                     |
| • Big Data Analytics                 | • Bio Informatics                        |
| • Cloud Computing                    | • Geo Informatics                        |
| • Grid Computing                     | • Computer Networks                      |
| • Cognitive Computing                | • Mathematical models                    |
| • Computer Vision                    | • Theoretical/Statistical investigations |

Authors are invited to submit their conference papers through the EasyChair link mentioned below

<https://easychair.org/conferences/?conf=icacii2019>

## Paper Submission

Submissions must include title, abstract, keywords, author and affiliation with email address. Please double-check the paper size in your page setup according to Springer format. Authors of accepted papers will be allowed to resubmit camera-ready papers after incorporating reviewers' comments within the stipulated deadline. Authors of accepted papers have to register for the conference and personally present their paper(s) in the Conference all manuscripts should be prepared in LNNS Springer format

(<https://www.springer.com/series/15179>)

## IMPORTANT DATES:

Paper Submission	: 2 <sup>nd</sup> September 2019
Paper Acceptance	: 19 <sup>th</sup> October 2019
Last Date for Registration	: 2 <sup>nd</sup> November 2019
Final Submission	: 16 <sup>th</sup> November 2019
Conference Dates	: 20 <sup>th</sup> and 21 <sup>st</sup> December 2019

## Registration

Registration and Payment Instructions are available on conference website

## Paper Categories

- ◆ Short Paper (Work-in-Progress) 4 pages Maximum
- ◆ Regular Paper 6 pages Maximum two additional papers allowed but additional charge

TYPE	Early bird Registration		Late Registration	
	INR	USD	INR	USD
Regular Authors (Max. 6 pages )	7000	175	8500	225
Regular Authors ([IEEE/CSI Member] Max. 6 pages )	6000	150	7500	200
Full time Research Scholar (Max. 6 pages )	6000	125	7500	175
Additional per Page charges (Max. 2 pages )	1000	10		
Second and subsequent papers by same authors	6000	100	7500	150
Participation Fee / Listener's Fee	3000	75	4000	100

## Proceedings

All submitted conference papers will be blind peer reviewed by three competent reviewers. All accepted and presented papers will be submitted to Springer “**Lecture Notes in Networks and Systems**” indexed in **ISI Proceedings**, **SCOPUS**, **Google Scholar** and **Springerlink** for publication.

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#### ABOUT HYDERABAD:

Hyderabad, the capital city of Telangana represents the right blend of heritage with modernity. Rich historical heritage, culture and a knowledge hub, Hyderabad is among the fastest growing cities of the world.

#### HITEC CITY

Hyderabad Information Technology and Engineering Consultancy City, abbreviated as HITEC City, is a major technology township which is one of the leading hubs in India. Once the capital of the great Nizams, Hyderabad is today acquiring the status of the 'cyber capital' of India. Hyderabad, a twin city along with Secunderabad, has now acquired a third dimension -H Cyberabad, a city by itself, covering 51 sq.kms. HITEC City forms the core of this new knowledge hub. Some of the other institutions which are part of Cyberabad are Indian Institute of Information Technology(IIT), ISB, proposed golf course, botanical gardens, night safari, Engineering Staff College of India, University of Hyderabad etc.,

#### CHARMINAR

The Charminar, built in 1591 CE, is a monument and mosque located in Hyderabad, Telangana, India. The landmark has become a global icon of Hyderabad, listed among the most recognized structures of India. The English name is a transliteration and combination of the Urdu words Char and Minar, translating to "Four Towers"; the eponymous towers are ornate minarets attached and supported by four grand arches.

#### HUSSAIN SAGAR

Hussain Sagar is a lake in Hyderabad spread across an area of 5.7 square kilometers and is fed by River Musi. A large monolithic statue of the Gautam Buddha, erected in 1992 stands in an island in the middle of the lake. Maximum depth of the lake is 32 feet.

#### GOLKONDA FORT

An enthralling and bewitching experience, a unique architectural and engineering marvel that is Golconda is a masterpiece and a citadel that depicts the glory of the Royal Kingdoms that ruled this region. The invincible ramparts, boulders and intricate finesse of the fort are breathtaking.

#### BIRLA MANDIR

In close proximity to Hussain Sagar lies the famous Birla Mandir dedicated to lord Venkateswara. The temple is built on top of a hillock. This was constructed by the noted Industrialist GD Birla totally in marble stone. The temple attracts lot of tourists throughout the year.





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