

RESOURCE PERSONS



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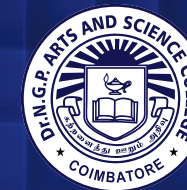
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2nd NATIONAL VIRTUAL CONFERENCE ON APPLICATIONS OF DEEP LEARNING IN ARTIFICIAL INTELLIGENCE FOR HEALTH CARE

(NCDAAH - 2021)

MARCH 25, 2021

in association with



Organized by

Department of Information Technology



Dr. N.G.P. ARTS AND SCIENCE COLLEGE

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)
Approved by Government of Tamil Nadu & Accredited by NAAC with 'A' Grade (2nd Cycle)
Dr. N.G.P.-Kalapatti Road, Coimbatore-641 048, Tamil Nadu, India.
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ABOUT THE INSTITUTE

Dr. N.G.P. Arts and Science College (Autonomous), established in the year 1997. The continuous and consistent effort of the Management along with dedicated Staff members has led the Institution to achieve accolades in Higher Education. The state-of-the-art facilities established across the disciplines of Science, Commerce, Management and Humanities have paved way for rendering quality higher education which are proven through 85th Ranking in NIRF and Accredited by NAAC with 'A' Grade (2nd Cycle).

THE DEPARTMENT

The Computer Science stream incorporates (CS, CA, IT, CT, CSDA, CSCs & PG - Research) six departments. Totally, 1700 students are pursuing in these programmes. Each discipline is progressed with well-qualified faculty members and fully equipped computer laboratories with high bandwidth of internet connection. The vision is to provide, best opportunities and an environment in quality education with professional competencies for life and career skills. The mission is to provide extensive knowledge and enhance the students towards the challenging environment.

OBJECTIVE OF THE CONFERENCE

The objective of this conference is to promote research in artificial intelligence (AI) and scientific exchange among AI researchers, practitioners, scientists, analysts and engineers in affiliated disciplines. This conference was conceived after analysing the critical requirements and applications based on Artificial Neural networks, Fuzzy systems, Computational Optimization technologies and Machine learning. The aim of this conference is to promote translation of basic research into applied investigation and convert applied investigation into practice. This conference will also create awareness about the importance of basic scientific research in different fields matching with the current trends. The conference will provide the flavour of keynote lectures by eminent speakers from different areas.

CALL FOR PAPERS

Prospective authors are kindly encouraged to contribute to and help shape the conference through submissions of their research abstracts, papers and e-posters. Also, high quality research contributions describing original and unpublished results of conceptual, constructive, empirical, experimental, or theoretical work in all areas of Engineering Applications of Artificial Intelligence are cordially invited for presentation at the conference.

Authors are requested to submit the paper in the following research areas but not limited to:

- Deep Learning in Artificial Intelligence
- Health Data Acquisition/Analysis/Mining
- Deep learning in Health Care
- Machine Learning
- Artificial Neural Networks
- Biological Problem Solving Techniques using AI
- Modeling, Simulation, & Optimization of Biological systems

TOPICS TO BE DISCUSSED

- Deep Learning
- Neural Networks
- Fuzzy Logic
- Human Computer Interaction
- Internet of Things
- Ambient Assisted Living
- Smart Healthcare
- Data Science
- Medical Diagnosis
- Segmentation Techniques
- Sentiment Analysis

REGISTRATION FEE

Registration is compulsory for all the participants. It includes e-Certificate and workshop materials. A maximum of 200 participants are permissible on first come first serve basis. The Conference is organized through online mode.

Participants	
Students (UG & PG)	₹ 100
Academicians / Research Scholars	₹ 150
Industrial Delegates	₹ 200

The participants are requested to send their filled-in registration form along with the prescribed fee through demand draft drawn in favour of "NGP-CS, Dr. N.G.P. Arts and Science College", payable at Coimbatore.

ELIGIBILITY

Graduates, Post Graduates, Research Scholar, Industrialist in Computer Science and Life Science discipline are eligible to participate in this seminar.

ISBN

All the research paper Submitted in this conference will be published in Conference Proceedings(Soft Copy) with ISBN.

IMPORTANT DATES

Last date for registration along with DD is 20.03.2021.

CONTACT

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