

REGISTRATION FORM

NATIONAL CONFERENCE

On

“Technological innovations of Artificial Intelligence in Healthcare”

- 1.Name :
- 2.Designation :
- 3.Academic Qualification :
- 4.Department :
- 5.Institution :
- 6.Address :
- 7.Mobile :
- 8.E-mail ID :
- 9.Accommodation Required : YES/NO

Payment Details

ACCOUNT NUMBER : 755056034
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DECLARATION

The above information is true to the best of my knowledge. I agree to abide by rules and regulations governing the course. If selected, I shall attend the programme for the entire duration. I also undertake the responsibility to inform the coordinator in case I am unable to attend the course.

Date: _____
Place: _____ Signature of the Participant

Mr./Mrs./Dr. is permitted to attend the conference.

Signature of the principal

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On

Technological innovations of Artificial Intelligence in Healthcare



8th & 9th June 2022

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**ORGANIZED BY
DEPARTMENT OF BIOMEDICAL
ENGINEERING**

Dr.N.G.P. Institute of Technology

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

Recognized by UGC & Accredited by NAAC with A+ and NBA (BME, CSE, ECE, EEE and Mechanical)

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ABOUT THE INSTITUTION

Dr. N.G.P. Institute of Technology established in the year 2007 is located in Coimbatore, Tamil Nadu. It is run by Kovai Medical Center Research and Educational Trust, Coimbatore. The Chairman Dr. Nalla G. Palaniswami and Secretary Dr. Thavamani D.Palaniswami are basically medical practitioners by profession, started this Institution with the vision of imparting quality technical education.

The Institute is approved by All India Council for Technical Education (AICTE) and affiliated to Anna University, Chennai. It is also recognized by UGC under Section 2(f) and 12(B), accredited by NAAC with A+ (3.36 out of 4) and eligible programmes are accredited by NBA (BME, CSE, ECE, EEE and Mechanical).

The Institute offers 8 Under Graduate Programmes in BE - BME, CSE, Civil, ECE, EEE and Mechanical and B.Tech - IT and AIDS. It also offers 5 Post graduate Programmes namely ME - Engineering Design, Computer Science and Engineering, Embedded Systems Technologies, Power Electronics and Drives along with MBA. The Departments of CSE, ECE, EEE and Mechanical Engineering are Recognized Research Centres of Anna University, Chennai. The students are passionately mentored by 183 faculty members out of which 68 faculty members are holding their Ph.D Degree and 69 are pursuing their Ph.D.

The Institute is located within a serene green campus and has well planned infrastructure. The institute also established center for e-learning, TLC and digital library to enrich teaching-learning process. Through AICTE funded IIPC, the Institute established industry powered centers like Center for Robotics e-Yantra, Texas Instruments Center, NI LabVIEW Academy, etc., to train the students on emerging technologies.

In order to bridge the gap between industry and academia MoUs have been signed with SIEMENS Ltd, Oracle Corporation, CISCO Systems Inc, Texas Instruments, IBM India Pvt. Ltd., National Instruments, CODISSIA, Siemens Healthcare Pvt. Ltd., KEF Infrastructure India Pvt. Ltd. etc.

ABOUT THE DEPARTMENT

The Department of Biomedical Engineering has been established in the year 2012. The Department has well equipped laboratories and Infrastructure. The Department has well experienced Faculty members of various specializations. The Department has signed MoU with various core companies and has collaboration for Research & Development / Student Projects / Consultancy works. Since inception, the department provides an encouraging environment and imparts the latest advancements in knowledge and skills through innovative methods of teaching. The students are trained to upgrade themselves and the Department is striving to mould them in to a better engineer in this society.

ABOUT THE CONFERENCE

Artificial intelligence (AI) are increasingly prevalent in business and society, and are beginning to be applied in healthcare. This technology have the potential to transform many aspects of patient care, as well as administrative processes within provider, payer and pharmaceutical organizations. AI has an important role in the healthcare. In the form of machine learning and deep learning, it is the primary capability behind the development of precision medicine, Although early efforts at providing diagnosis and treatment recommendations have proven challenging, AI will ultimately master that domain in future. In this conference, researcher going to share their ideas about the potential that AI offers to automate aspects of care and some of the barriers to rapid implementation of AI in healthcare.

CALL FOR PAPERS

Research papers from Students, Academicians Research Scholars and Industrial Persons in the following areas

- Computational Intelligence
- Evolutionary Computing
- Big data
- Data Mining
- Cloud computing
- Nature inspired computing, Intelligence system

- Robotics, Virtual reality
- Cognitive Intelligence, Internet of things
- Augmented reality, Data analytics, Data science
- Machine learning and Deep learning
- Medical image processing
- Medical Instrumentation

Papers are not limited to the above mentioned topics

RESOURCE PERSONS

Eminent persons from IITs, NITs, Anna University, Hospitals and leading Industries.

SUBMISSION GUIDELINES

Prospective authors are invited to submit original research and survey manuscripts in IEEE format limited to 6 pages to the email id **bmenc22@gmail.com** (word and pdf format). Plagiarism should be avoided strictly. The submitted manuscripts will undergo peer review process evaluated based on originality, innovations and relevance to the conference. Plagiarism should be less than 10% in turnitin.

Best papers recommended by the panel members will be published in ICTACT Journals listed in UGC- CARE list (Group 1)

ICTACT Journal on Communication Technology
ICTACT Journal on Image and Video Processing
ICTACT Journal on Soft Computing
ICTACT Journal on Microelectronics

REGISTRATION FEE DETAILS

Registration Fee:

Rs.500/- per team (maximum of 4 members per team)

Accommodation Fee:

Rs.250/- (Per head)

IMPORTANT DATES

Last Date for Manuscript Submission: 26.05.2022

Notification of acceptance: 29.05.2022

Registration form with DD: 01.06.2022

BOARDING AND LODGING

Accommodation and boarding will be provided in the college campus on payment basis.