

**NATIONAL CONFERENCE
ON
INNOVATION,
TECHNOLOGY &
SOCIOLOGY
(NCITS 2021)
November 25th & 26th, 2021**



Organized by



**NEHRU COLLEGE OF
ENGINEERING & RESEARCH
CENTRE**

**PAMPADY, THIRUVILWAMALA,
THRISSUR, KERALA- 680 588**

**Accredited by NAAC, Approved by AICTE, New Delhi,
Affiliated to APJAKTU**

**An ISO 9001: 2015 certified Institution,
Website: www.ncerc.ac.in Ph: 04884 284000**

**UNDER THE AEGIS OF NEHRU GROUP OF
INSTITUTIONS**



ORGANISING DEPARTMENTS

- Department of Computer Science and Engineering
- Department of Electronics and Communication Engineering
- Department of Electrical and Electronics Engineering
- Department of Mechanical Engineering
- Department of Mechatronics Engineering
- Department of Master of Computer Applications

ABOUT NGI

Nehru Group of Institutions (NGI) with its humble beginning in 1968 at Kuniamuthur, Coimbatore, Tamil Nadu was established by the Founder Chairman Late Shri P.K. Das with the objective of providing higher education in the field of Aeronautical Engineering. NGI progressively flourished and started offering undergraduate (UG), postgraduate (PG) and doctorate (PhD) programs in all major Engineering branches, Management, Medical Sciences, Architecture, Law, Arts and Science, Paramedical Sciences and Hospitality management. NGI also started offering pre-school education to kids, with the establishment of International Schools. Currently, the Nehru Group of Institutions operates through its 20+ state-of-the-art institutions in the states of Kerala and Tamil Nadu.

ABOUT INSTITUTION

Nehru College of Engineering and Research Centre (NCERC), a temple of knowledge well known for its dedicated and committed service to the realm of technical education in Kerala, is an ISO 9001:2015 certified institution, approved by the All India Council for Technical Education (AICTE) and is accredited by National Assessment and Accreditation Council (NAAC). It is also an approved research center that caters to the needs of higher education and research. The Institution offers five undergraduate programs in engineering and post graduate programs in Cyber Security, VLSI, Computer Science and Engineering and Energy systems apart from post graduate programs in Master of Computer Applications and Master of Business Administration. All the departments are headed by highly qualified, experienced and committed faculty who are highly professional. International seminars, lectures, workshops, technical exhibitions, co-curricular and extra-curricular activities are organized by the college on a regular basis to enlighten the minds of the student fraternity. With a perfectly designed and absolutely fabulous infrastructure NCERC is a cut above the rest. It is equipped with well-furnished classrooms, modern laboratories, auditoriums, hostels, subsidized canteens, transportation facilities, Wi-Fi connectivity and a modern library with a rich collection of books. With all the modern facilities and a conducive environment for peaceful intellectual activity, NCERC is a sought after place for healthy life, lucid thinking and pleasant learning pursuits.

ABOUT THE CONFERENCE

Innovation and Technology are among the most powerful drivers of global change in *Society* from a scientific, industrial and technological perspective. Today the rate of scientific and technological development, dissemination and application far outpaces the capacity of society, institutions and individuals to adapt, contributing to increasing social imbalances, stress, upheavals, displacement and disruption. The challenge before humanity is to acquire the most effective blend of *Innovation, Technology* and *Society* to maximize both the freedom for scientific creativity and technological innovation and the welfare of present and prospect generations.

NCITS 2021 would devise a podium to search various turning points in *Innovation and Technology* that can radically transform *Society* by examining the technological influences in terms of their Contributing causes, Core players and Transformative properties.

SCOPE OF THE CONFERENCE

The conference will cover following broad areas but not limited to:

CSE/MCA: Computer vision, Artificial intelligence, Synthetic and organic computing structure and systems, Cyber security, Advanced in network technologies, Big data

ECE: VLSI and Embedded systems, Communication engineering, Image and signal processing, Digital and medical electronics, Fiber optics, radar, and microwaves, Biomedical Engineering.

EEE: Smart Grid and Renewable Energy, Electric and Hybrid Electric Vehicles, Micro grid and Distributed Generations, Energy Storage Technologies, FACTS controllers and its applications.

MECH: Mechanical Design, Metallurgy and Material science, Mechanics of solids and Fluids, Manufacturing Technology, Energy conversion.

Mechatronics: Robotics and Automation, Mechanisms and machines for rural, agricultural and industrial applications, Mechatronics and micro mechanisms.

Sociology: Mass media, Race nationality and ethnicity, Youth cultures, Sociology of Gender equality, Social movements, Spirituality, Superstition and legends

ADVISORY COMMITTEE



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Calicut, Kerala , India -673601



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Technology,Thiruvananthapuram

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2. Dr. P Krishnakumar, CEO & Secretary, NGI

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Dr. Bobby N D

Dr. Sudheer S Marar

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Dr. S Rajkumar

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Dr. George Job

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Prof. Muruganatham (ECE) - 9037201994

Prof. Niveth (MTR) - 8075455748

Prof. Biji (CSE) - 9447972397

Prof. Lt. Sanoj. T (ME) - 9746760742

CALL FOR PAPER

Prospective authors are invited to submit the full length paper to the following mail id. (ncits2k21@gmail.com). Acceptance of the full length paper will be communicated to the authors through e-mail.

IMPORTANT DATES

Submission of full paper - November 5, 2021

Notification of final selection - November 10, 2021

Submission of camera ready paper - November 15, 2021

Paper in IEEE format (both pdf and .doc) (4 to 6 pages)

JOURNAL PUBLICATIONS:

All presented papers will be published conference proceedings

Selected papers from the conference proceedings will be published in Anna University Annexure – I, Web of Science, Scopus indexed and peer reviewed open access Journal

REGISTRATION

Online transaction for Registration

Account Name: Nehru College of Engineering and Research Centre.

Account number: 50100356277820

IFSC CODE: HDFC0001551

BANK: HDFC Bank, **Branch:** Thiruvilwamala, Kerala

Category	Indian participant (INR)
Industry	Rs 500
Staff/ Researchers	Rs 300
Students	Rs 250

Please send your papers to the following mail id: ncits2k21@gmail.com

For further updates please visit our websites: ncerc.ac.in/ncits

Paper Submission Link: <https://forms.gle/PR1BbU98ns1HRFBD9>





Nehru College of Engineering and Research Centre

NAAC ACCREDITED

(AN ISO 9001 : 2015 CERTIFIED INSTITUTION)

Approved by AICTE, New Delhi

& Affiliated to APJ AbdulKalam Technological University (KTU)



EMERGE 2021 NATIONAL CONFERENCE ON INNOVATION, TECHNOLOGY & SOCIOLOGY (NCITS 2K21) November 25th & 26th, 2021

Chief Patrons :

Adv.Dr.P.Krishnadas
Chairman & Managing Trustee, NGI

Dr. P. Krishnakumar
CEO & Secretary, NGI

Patron :

Prof.Dr. AmbikaDevi Amma T
Principal, NCERC

Convener :

Prof.Dr. Sobha Manakkal
HOD/EEE, NCERC

Co-convener:

Prof.P.Sundaramoorthi
Associate Professor/EEE, NCERC

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Bioinformatics,
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Dept. of Electrical and Electronics
JSS Academy of Technical
Education, Noida

Dr. T. Ruban DevaPrakash
Principal, Heera College of
Engineering & Technology,
Thiruvananthapuram

Dear Sir / Madam,

Invitation from Nehru College of Engineering and Research Centre, Pampady, Thrissur, Kerala

As a part of our Annual National Conference **EMERGE**, we are organizing a two days National Conference on *Innovation, Technology & Sociology* — **NCITS 2K21** from November 25th to 26th 2021.

NCITS2K21 would devise a podium to search various turning points in **Innovation and Technology** that can radically transform **Society** by examining the technological influences in terms of their Contributing causes, Core players and Transformative properties. The conference aims at promoting research aptitude of engineering fraternity, postgraduate students, academicians and technocrats from industry in Computer Science, Electrical, Electronics, Mechanical and Mechatronics, Sociology domains.

The areas to be covered and the deadlines for paper submission are given in the enclosed brochure.

All submitted papers will be peer-reviewed and accepted papers will be published in conference proceedings. Plenary sessions and invited lectures will provide an add-on value to the participants.

Selected papers would be considered for publication in one of the following journals upon authors consent.

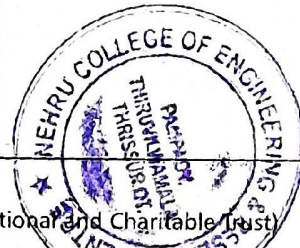
1. *World Journal of Engineering*, ISSN: 1708-5284 (Scopus Indexed)
2. *Current Signal Transduction Therapy*, ISSN: 1574-3624 (Scopus Indexed)
3. *International Journal of Advanced Technology and Engineering Exploration*, ISSN: 2394-7454(Scopus Indexed)
4. *Journal of Xi'an Shiyou University, Natural Science Edition*,ISSN: 1673-064X (Scopus Indexed)
5. *Journal of Tianjin University Science and Technology*,ISSN: 0493-2137(Scopus Indexed)
6. *JilinUniversity (Engineering & Technology Edition)*,ISSN: 1671-5497(Scopus Indexed)

Full length papers to can be sent to:

ncits2k21@gmail.com

On behalf of NCITS 2K21, I request you to convey this information to the interested PG scholars/researchers/colleagues.

Please visit our website: -<https://www.ncerc.ac.in/ncits>



04/09/2021
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College Campus : Nila Gardens, Pampady, Near Lakkidi Railway Station, Thiruvilwamala, Thrissur (Dist), Kerala - 680 588
Tel / Fax : +91 4884 - 282070, 284000. E-mail : office@ncerc.ac.in, admissions@ncerc.ac.in, web : www.ncerc.ac.in

Nehru College of
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Pampady, Thrissur

