

TEQIP- III Sponsored
3rd National Conference

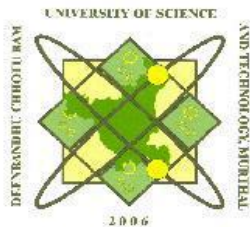
on
**RECENT INNOVATIONS IN ELECTRONICS
&
COMMUNICATION TECHNOLOGY**
(NCRICT-2020)

20th -21st April, 2020



Organized By:

**DEPARTMENT OF ELECTRONICS &
COMMUNICATION ENGINEERING (NBA)**



**DEENBANDHU CHHOTU RAM UNIVERSITY
OF SCIENCE AND TECHNOLOGY(DCRUST)
MURTHAL, SONIPAT (HARYANA)-131039**

(Haryana State Govt. University)
(NAAC 'A' Grade)

**DEENBANDHU CHHOTU RAM UNIVERSITY OF
SCIENCE AND TECHNOLOGY (DCRUST)**

(Haryana State Govt. University)

Deenbandhu Chhotu Ram University of Science and Technology (erstwhile C. R. State College of Engineering) was established through an Act of Haryana State Legislature on 6th November, 2006 to facilitate and promote studies and research in emerging areas of higher education with focus on new frontiers of Science, Engineering, Technology, Architecture and Management studies. The University is recognized under 12 (B) of the UGC Act, 1956. The University has been accorded 'Affiliating Status' by Act of Haryana State Legislature on 3rd August, 2011. The University provides an outstanding learning environment for multifaceted development of students, thus emerging as a centre of excellence. The University is spread over 273 acres and has a fully residential campus with ample built up space in a contemporary architectural idiom. In addition to research facilities leading to enrollment of 181 research scholars, the University is presently running 19 Postgraduate, 9 undergraduate & 5 integrated programmes on regular basis in the field of Engineering, Science, Architecture, and Management with an annual intake of about 2000 students. The University has highly qualified faculty, well equipped library, computer centre with high speed internet facility, faculty rooms, classrooms, & substantial sports facilities etc. The University is graded A by NAAC. Three UG programmes are accredited by NBA & other are in process. The University is funded under TEQIP-III of MHRD of Government of India being funded by the World Bank. Various departments have successfully undertaken many UGC / AICTE / DST / DBT sponsored projects.

The university is known in the region not only for students with technical, analytical & analyzing skills but also for its strong placement statistics. The University has signed 16 MoUs with a number of universities, research organizations and industries of National and International repute for exchange programmes for faculty & students and to conduct joint research work. The University has acquired membership of ACU, AIU, IRF, IRC, IGBC, INTACH, IE, ISTE, IEEE Student Chapter, CSI and other professional bodies.

**DEPARTMENT OF ELECTRONICS &
COMMUNICATION ENGINEERING**

The department of Electronics & Communication Engineering occupies a prominent place within the overall structure of the erstwhile CRSE since 1987 & DCRUST since 2006. The Department offers Bachelor of Technology & Master of Technology Programme in Electronics & Communication Engineering with an intake of 66 & 36 respectively. The UG programme is NBA accredited. The NBA accreditation of PG programme is in pipeline. The course curriculum is designed with the inputs from academia as well as industry in such a way that optimum magnitude has been assigned to basic as well as advance course so as to keep the students abreast of basics as well as advances in the specific areas of technology. The department strives to keep various courses up-to-date so that these reflect current developments. The faculty constantly endeavours & engages itself in curriculum design.

The department has well- equipped and spacious laboratories with all modern facilities for experimentation at UG and PG levels. The laboratories have been modernized using liberal grants from World Bank under TEQIP and from the State Government and other funding agencies. Besides teaching, the department is actively engaged in research & activities conducive to research. The department has signed a MoU with Advance Technology, Chandigarh for in-house industrial training during summer vacations to acquaint the student with the basic knowledge of tools & toolkits to carry out advance research. The students are motivated to target the problems of industry for carrying out their major project at B. Tech. level & thesis work at M. Tech. level.

The faculty is young & actively engaged in research in the fields of Communication, VLSI, Image Processing, Digital Design, Embedded Design, Optical Communication and Digital Signal Processing, etc. The faculty members not only keeps itself abreast of latest developments by regularly attending a no. of Conferences / Seminars / Workshops / STTPs, etc. on different thrust areas of research but also has delivered **Key-note addresses, invited talks, experts lectures & chaired Technical Sessions** & presented research papers at International & National levels. The faculty is credited with publications in International & National Journals such as **IEEE, IEE, EPSR, IE(I), IETE, ELSEVIER Sci., etc.** & in International (including IEEE) & National Conference Proceedings. The department faculty had published books too to its credit. The department has organized as many as 10 Workshops / Short Term Training Programme of one week duration & many Conferences. Besides this, the department has been intermittently organizing expert lecture from researchers from academia & industry of national & international repute.

ABOUT THE CONFERENCE

National Conference on Recent Innovations in Electronics & Communication Technology (NCRICT-2020) aims to provide an opportunity to academic and industrial communities alike, to address recent trends, challenges and emerging technologies in the areas of Electronics and Communication Technologies, Electrical Engineering, Computer Science and other relevant fields. The conference emphasis on invited talks, expert lectures & technical research paper presentations. The objective of NCRICT-2020 is to bring together the researchers from academia and industry as well as practitioners to share ideas, problems and solutions relating to the multifaceted aspects of Electronics and Communication Technologies. For more details visit www.dcrustm.org.

INVITED SPEAKERS

Eminent personality from reputed institutions/ industries will be invited to deliver their talk and share their knowledge and experience with the participants.

THRUST AREAS

The conference is primarily (but not restricted to) focused on the following broad areas of the Electronics & Communication Technologies:

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| <ul style="list-style-type: none">Digital Signal ProcessingMobility ManagementDigital Image ProcessingAnalog Design and ESDBiomedical InstrumentationDigital DesignRoboticsData Compression and EncryptionReliabilityComputers Device MobilityVLSI DesignNano Technology and MEMSNanoelectronics/DevicesDisplay TechnologiesMedia TechnologiesMicroprocessor Based TechnologiesDeep LearningMachine LearningIoT | <ul style="list-style-type: none">VLSI Verification and TestingElectronic ApplicationsElectronic System DesignMechatronicsAerospace ElectronicsMultimedia ApplicationsCryptographyCognitive RadioCommunication NetworksHome LAN, Body and PANMultimedia NetworksNetwork CodingQoS in NetworksNext-Generation NetworksOptical and Photonic NetworksTraffic EngineeringPower ElectronicsArtificial Intelligence & other relevant areas |
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CALL FOR PAPERS

NCRIECT-2020 invites full length original research contributions from engineering professionals, industries, R&D organizations, academic Institutions, government departments and research scholars. The soft copy of full length manuscripts in doc/docx format (original research contributions and review articles) not exceeding six pages shall be submitted through email to ncriect20@gmail.com. The manuscript should not have been published in any journals/magazines or conference proceedings and not under review in any of the above. Please see instructions for authors and details at www.dcrustm.org. All the accepted and presented papers will be published in conference proceedings with ISBN number. The abstract of the posters submitted and presented by students only will be considered for publication in conference proceedings.

REGISTRATION FEE DETAILS

- For person from Academic/ Industries :400/-
- For outside students/research scholars :200/
- For DCRUST Students/Faculty : Nil
(from TEQIP participating departments)

GENERAL INFORMATION

- Limited lodging/boarding is available in the university (on nominal payment basis).
- The candidates/sponsoring institutes shall bear T.A./D.A. for attending the said conference.
- The registration is mandatory for all the participants.
- Certificates will be given to registered candidates only after successfully attending/paper presentation in the conference.

IMPORTANT DATES

- Last date of paper submission : **28.03.20**
- Acceptance of the selected papers : **31.03.20**
- Camera Ready Paper : **02.04.20**
- Last date of registration : **05.04.20**
(Through email at ncriect20@gmail.com)
- Conference date : **20th-21st April, 2020**

CONTACT PERSONS

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