Kalindi College

(NAAC 'A' Grade)

University of Delhi

Department of Computer Science

Organizes

UGC Sponsored

National Conference

On

Emerging Trends in Information Technology

(NCETIT-2019)

1st - 2nd *August 2019*

Concept - National Conference on Emerging Trends in Information Technology (**NCETIT 2019)** aims to bring together the experts from academic institutions, industries, leading engineers, students, Scientists & scholars to exchange and share their experiences and results in the research area. The Conference aims to facilitate close interaction for exchange of views & dissemination of knowledge and discuss the practical challenges encountered and the solutions adopted in the all field of Engineering, Computers and Sciences. The main objective of **NCETIT-2019** is to provide an opportunity for leading academicians, engineers, scientists, researchers, industrial professionals and students from around the nation to network and have scientific discussions on the latest developments in the fields of Computer Science and Engineering. This Conference provides a valuable opportunity for researchers, academicians, engineers, scientists, industrial professionals and students to exchange their ideas face to face and foster communication among them in a wide variety of scientific areas with a common interest in improving Computer Science and Engineering.

The 21st century has been defined by application of advancement in information technology and communication. It has become an integral part of our daily life and, has been the fastest growing area. The world has now become a global arena, with no virtual boundaries. Research is being conducted at a very fast pace, and practically every day there is addition to the existing sphere of knowledge with primary focal areas being Artificial Intelligence, Cloud Computing, Internet of Things, E-learning, Big Data Analytics and many more.

This conference aims to understand the research interests of the young researchers and people from the industry and academia to give them a common platform, so that future researchers may gain knowledge and new insights to broaden their area of exploration. Right from establishment of first network to current scenario of robots being given citizenship, the history of Information Technology has taken place in the interests of every person. Initially, networks were just inside a single office and now networks cover entire planet. Internet Technology is available to almost every person and sharing information to the farthest of places is just a click away.

National Conference on Emerging Trends in Information Technology seeks to explore the emerging patterns in information technology and communication by bringing together researchers who have sought to capture and explain these patterns in their research. The two-day National Conference will act as a platform for scholars, researchers and students to present and share their work and findings. It will further allow them to situate their research in the broader field of study of information technology and communication. It would also allow them to identify potential areas for further explorations. It would also allow for identification of problems in inter-disciplinary domains and possible solutions to some well-known problems in the domain can be put forward.

Target Audience

- **Academicians**: Students and Faculty from Different Indian Universities
- **Industry Experts**: Technical Human Resources from Corporate Sectors
- **Scientists and Researchers**: DRDO, IARI, Universities and Technical Institutes etc.
- **Media Ambassadors**

Parallel Invited Talks and Panel Discussions on both days by Experts from Renowned Universities as well as Industries

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Invited Keynote Speakers

- ❖ Prof K.Srinivas, National Institute of Educational Planning and Administration
- ❖ Prof R. K. Agrawal, Jawahar Lal Nehru University
- ❖ Prof Khurram Mustafa , Jamia Millia Islamia University
- ❖ Prof Devendra Kumar Tayal, Indira Gandhi Delhi Technological University
- ❖ Dr. Umesh Kumar Singh, Vikram University, Ujjain
- ❖ Dr. Hema Banati, Dyal Singh College, University of Delhi
- ❖ Dr. Suraiya Jabin, Jamia Millia Islamia University

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Details of Technical Sessions

Broad categorisation (but not limited to) and theme of the proposed technical sessions are as follows:

Topic	Theme
1. Applied Optimization and Algorithmic Design	Varied optimization methodologies which are often being applied in varied hard real world information handling problems to improve solution algorithms.
2. Big Data Analytics, Data Mining (Cloud) and IOT	Big Data handling and mining techniques, Cloud environment and Internet of things
3. Green and Efficient Computing	Green Computing is a need of the hour. New research and technologies to improvise and imbibe culture of green and efficient computing.
4. Social Media and Social Networks Analytics	Technologies used for efficiently accessing Social media platform data and its usability to improve learning, interactions, business performances , marketing etc.
5. Cyber Security and Networks:	Accessibility of Information on networks medium in a secure manner by using varied algorithmic techniques. Recent research areas in networks such as Mobile Ad-hoc networks and vehicular Ad-hoc networks to be covered as a prominent medium to transfer this information.
6. Pattern Recognition, Machine Learning and AI	Recent advancement in the techniques of Pattern recognition such as image recognition, iris recognition, text recognition, faces recognition etc. Artificial Intelligence and its recent utilizations. Machine Learning as a prominent sub area of AI and its recent state of art, future scopes and applicability.
7. Interdisciplinary IT applications for Digital Transformation such as E-Learning, E-banking etc. and case studies	Information Technology utilized in other non IT disciplines for making India go digital. Pros and Cons of applications of Information Technology by undertaking case studies.
8. Trends in Software Engineering	Software Engineering new techniques being developed such as Agile Technology, New testing methodologies etc.

DEADLINES	
Extended Abstract Submission	5th July
Abstract Acceptance Notification	8th July
Full Paper Submission (from Accepted Abstracts)	15th July
Full Paper Acceptance Notification	22th July
Camera Ready Paper submission	26th July
Last day of Registration	30th July

REGISTRATION DETAILS	
Paper Presenter- Industry Experts	1500 INR
Paper presenter- Faculty	1000 INR
Paper presenter- Postgraduate/Research Scholar	700 INR
Paper Presenter- Under Graduate Student	500 INR
Attendees	500 INR
Attendees (Undergraduate Students)	350 INR

Details for Online Payments/ DD

Payments should be made by NEFT/RTGS on following account

Account Number	8670101001407
Account Holder Name	Principal Kalindi College
IFSC Code	CNRB0008670
Name of Bank	Canara Bank
Branch	Kalindi College
DD in Favour	Principal Kalindi College

Submit your abstracts (500 words)/ Papers on: ncetit2019@kalindi.du.ac.in

Papers/Abstract Guidelines:

- Paper can be presented by Maximum two presenters (subject to registration of both as per the category.)
- Accepted full length papers of conference proceedings will be published as chapters in a book with ISBN.
- Full length paper should contain a minimum of 4 pages and no more than 10 pages with Times new Roman font, 12 point font size and single line spacing.
- Abstract should be extended and of nearly 500 words in the body. It should have author names, designation and affiliation, email of corresponding author, keywords and 5 main references.
- Submissions should accompany a certificate from authors that "**The submitted paper/abstract is original and not submitted for consideration of presentation/publication anywhere. The authors are whole sole responsible for the content originality**"
- Registration is allowed to be online as well as on the spot with DD.
- DD should be made in favour of PRINCIPAL, KALINDI COLEEGE
- No TA/DA/Accommodation will be provided.
- Registration Fee includes Conference Kit (only for Presenters), refreshments with light snacks and Lunch (on both days).
- Certificates will be awarded to paper presenters and attendees.
- Please refer Paper and Abstract templates given on college website for submissions.

About Kalindi College

Kalindi College is a constituent college of University of Delhi. The college was established in 1967 and since then it has become sought after name in education sector where students can embrace their future with hope and confidence. A nourishing environment supported by a combination of competent infrastructure and a dedicated teaching faculty helps students to achieve the highest accolades in academics, sports and other extra-curricular activities. Located in its own beautiful campus of 8.25 acre in East Patel Nagar, the college provides all necessary infrastructures to its stakeholders. College witness an enrolment of over 4204 regular students, 1400 Non-Collegiate students and 2100 School of Open Learning students. It offers a vibrant atmosphere and all round support to students, while urging them to expand their horizons and aim for the highest of goals. With 17 different departments including Commerce, Science and Humanities, it offers various coveted professional degree courses as well as add-on courses such as Video Production, Foreign Languages (French and Chinese), Office Automation and Tourism. With a team of dedicated teachers, strong, efficient and co-operative administrative staff, the college provides its students an environment conducive to all-round development.

About Computer Science Department

Computer Science Department in Kalindi College was established in the year 1991 with the objective of producing IT professionals of international standard and to fulfil requirements of booming IT industry. The department has quality infrastructure with three dedicated fully wi-fi enabled laboratories with 100 computers and library facility. It opens a wide range of career options for diligent students such as Software Professional, Academician or Researcher and many more.

ORGANISING COMMITTEE

Patron :	Dr. (Ms.) Anula Maurya PRINCIPAL
Convenor:	Dr. Nidhi Arora
Organising Committee	Dr. Vandana Gupta Ms. Shalini Sharma
Technical Support :	Ms. Mamta , Ms. Asha, Mr. Vinay

Accepted full length papers of conference proceedings will be published as chapters in a book with ISBN.

Venue of Conference :   KALINDI COLLEGE
            UNIVERSITY OF DELHI
            EAST PATEL NAGAR, NEW DELHI – 110008
            College Phone : (011-25787604)

CONVENER   **:**   **DR. NIDHI ARORA   (91-9818459898)**
Organizing Committee :   **DR. VANDANA GUPTA (91-9650513399)**
                             MS. SHALINI SHARMA (91-9560656223)

For any queries/information feel free to mail on conference email-id/contact Conveners/ visit college website

Organized by:
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East Patel Nagar, Delhi – 110008
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Conference Email Id (Paper/Abstract submission)- ncetit2019@kalindi.du.ac.in
Website - www.kalindi.du.ac.in