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Department of Electronics & Communication Engineering

Organized an Online

National Conference on Electronics, Communication & Computing Technology (NCECCT-20)

In association with NMAMIT IEEE Student Branch (STB34551)

on

10th July 2020

Overview

The Conference is dedicated to discuss about various innovations happening in Electronics & Communication, Electrical, Computer Science and Information Science Engineering. The goal was to provides a platform for Undergraduate and Postgraduate students of circuit branches to share and exchange their ideas. Presentations were held through online mode using *Google Meet*. All accepted and presented papers are considered for publication in "NMAMIT Annual Research Journal".

The objective of the Conference is to provide a platform for student of Electronics & Communication, Electrical, Computer Science and Information Science Engineering to share their work and have discussion that contribute to technical innovations.

Paper Submission Details

Online Submission of Paper started from 27-06-2020 to 01-07-2020 and was extended to 03-07-2020 on participants demand. Plagiarism check was undertaken using Turnitin tool. The Similarity Index (SI) was limited to 30%. After Initial check, Turnitin reports were shared with the authors to make changes to the manuscript as necessary. Resent manuscripts were again checked for SI and if <30% were sent to Technical Review. In Technical Review each reviewer was sent a maximum of 3 papers. We had 8 external reviewers and 10 Internal Reviewers. We like to express our gratitude to Dr. Roshan Joy Martis, IEEE liaison for providing us with all the technical support that was needed in conducting the reviews and selecting external session chairs.

Paper Statistics

Table 1: Paper statistics for NCECCT-20

Description	No. of Papers	Percentage
Papers Received	47	100
Papers approved after plagiarism check	31	66
Papers approved after technical review	16	34
Papers presented in the conference	14	30

Inaugural

The Inaugural was aired online from Sowparnika Seminar Hall at NMAM Institute of Technology, Nitte by Master of Ceremony, Ms. Anusha R., Assistant Professor, Dept. Of E&CE, NMAM Institute of Technology, Nitte. Convener Dr. Rekha Bhandarkar, HOD, Dept. Of E&CE, NMAM Institute of

Technology, Nitte; welcomed all guest and participants. Organizing Secretary Mr. Ravindra K. S., Assistant Professor, Dept. Of E&CE, NMAM Institute of Technology, Nitte; detailed about the conference objective and gave a statistics of the paper received and accepted. General Chair Dr. Niranjana N. Chiplunkar, Principal, NMAM Institute of Technology, Nitte; inaugurated the conference by lighting the lamp with the rest present joining in.

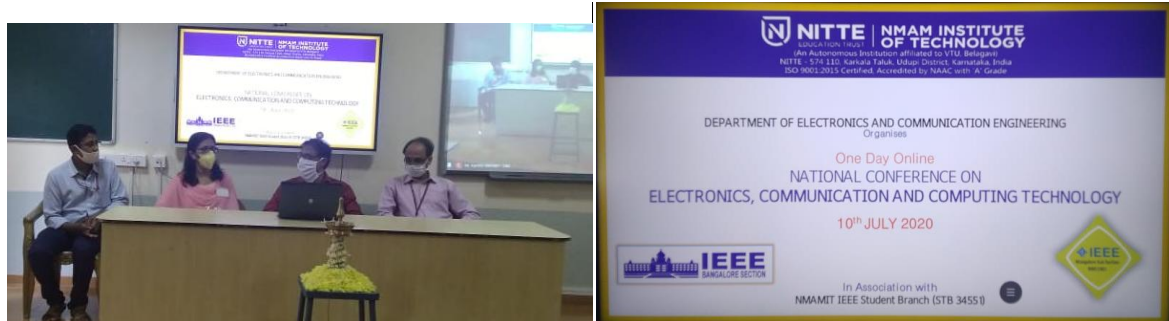


Fig 1: Inaugural Ceremony NCECCT-20 on 10/07/2020

This was followed by the message of Dr. Niranjana N. Chiplunkar and Dr. I. R. Mittanthaya, Vice Principal & Dean (Academics), NMAM Institute of technology, Nitte. The inaugural was followed by a key note address.

Keynote Address

A keynote address was delivered by Mr. Praveen Kumar Kalbhavi, MD & CEO, Novigo Solutions Pvt. Ltd., Mangaluru. He spoke about Indian IT Landscape in which he elaborated current IT market size and opportunities. He also emphasized on challenges for IT industry and how the present scenario can be converted to an golden opportunity for India. Further he discussed about the emerging trends in IT sector and what are the expectations of the industry from the engineering graduates. Lastly, he answered few queries from the participants and keynote ended with a healthy interaction between participants and the speaker.

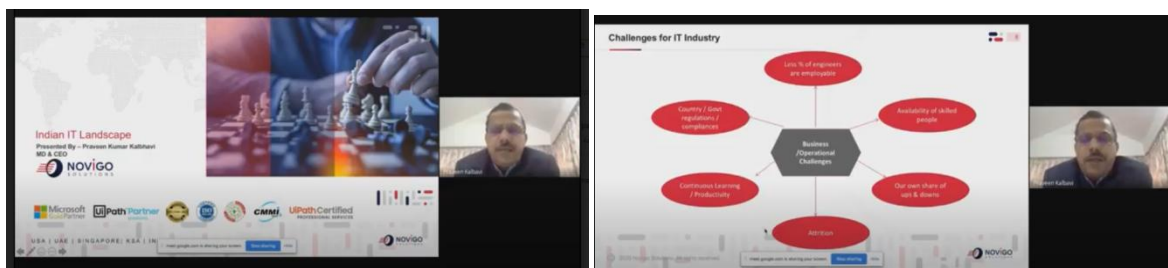


Fig 2: Keynote address by Mr. Praveen Kumar Kalbhavi, MD & CEO, Novigo Solutions, Pvt. Ltd.

Presentation Statistics

Four parallel Sessions were held with Session Chair (External) and a Co-Chair (Internal). Each session had not more than 4 Presentations with each presentation not exceeding 8 minutes followed by Q&A for 3 minutes.

Table 2: Session wise details of NCECCT-20

Session details	No. of papers presented	Chair	Co-Chair	Best paper award
Session 1 (IOT/IT)	4	Dr. Mandeep Singh Assistant Professor	Dr. Krishnananda Shet Associate Professor	“Development of Remote Triggered Lab

		Department of Electronics & Communication Engg. National Institute of Technology Karnataka Surathkal-575025	Department of Electronics & Communication Engg. NMAM Institute of Technology Nitte-574110	for Analog Electronics Experiments” Presented by Apoorva Shenoy, NMAMIT, Nitte
Session 2 (Signal Processing & Embedded Systems)	4	Dr. Niranjana S Associate Professor-Senior Scale Dept. of Biomedical Engineering Manipal Institute of Technology, MAHE Manipal-576 104	Dr. Narendra K C Assistant Professor Department of Electronics & Communication Engg. NMAM Institute of Technology Nitte-574110	“Detection of Plastic Bags in an Underwater Environment” Presented by Rahul Hegde, NMAMIT, Nitte
Session 3 (Embedded Systems)	3	Dr. Prabhu K. Assistant Professor Department of Electronics & Communication Engg. National Institute of Technology Karnataka Surathkal-575025	Dr. Durgaprasad Associate Professor Department of Electronics & Communication Engg. NMAM Institute of Technology Nitte-574110	“Wheelchair Controlled by Head Movement” Presented by Varshini S, GSSSIETW, Mysore
Session 4 (Image Processing)	3	Dr. Ujjwal Verma Associate Professor, Department of Electronics and Communication Engg, Manipal Institute of Technology, MAHE Manipal-576 104	Dr. Vidya Kudva Associate Professor Department of Electronics & Communication Engg. NMAM Institute of Technology Nitte-574110	“Railway Access Control System using Face Recognition” Presented by Anston Vinol DSouza, NMAMIT, Nitte

Feedback Statistics

Table3: Feedback Statistics of NCECCT-20

How would you assess the following	Excellent	Good	Average	Poor	Very Poor
Pre Conference Registration Procedure	16	8	0	0	0
Conference Information & Brochure	17	6	1	0	0
Inaugural Program	13	11	0	0	0
Key Note Address	13	11	0	0	0
Presentations in your session	12	10	2	0	0
Length of Time Allocated to Presentations	10	11	3	0	0
How well did the conference meet your expectations	13	10	0	1	0
Overall Satisfaction with conference	14	10	0	0	0

Valedictory

The valedictory was also on Google Meet. Mr. Anusha again held the reins of the ceremony. It started with a message by Dr. Niranjana U. C., Chair, IEEE Mangalore subsection followed by declaring best paper award for each session. The Vote of Thanks was delivered by Joint Organizing Secretary Mr. Anil Kumar Bhat, Assistant Professor, Dept. Of E&CE, NMAM Institute of Technology, Nitte.

We thank all those who actively participated and contributed to the success of this online conference.
