



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2018-19 / EVEN SEMESTER

NCETACT'19 REPORT

The Department of Computer Science & Engineering organized a National Conference on Emerging Trends in Advanced Computing Technologies on **15th March 2019**. Our conference has provided a platform for researchers and academicians to share and exchange ideas on the various research topics in the fields such as Cloud Computing, Virtual Reality, Data Science, Robotics, Cyber Security, Internet of Things, Machine Learning . The conference had two sessions with expert's key note addresses and interactive discussions. Total number of participants who have sent their willingness through mail to attend the conference was 56. Among them, 29 participants from various Universities and institution have been selected to register and present papers in the conference. Ms.Jennifer Bliss, STEM Consultant, University of Iowa , USA acted as resource person and delivered keynote address.



RECEPTION AND REGISTRATION

The registration and Reception began at 9:00 a.m. onwards on the day.



32 participants have registered including participants from various institutions and Universities.

INAUGURAL FUNCTION



The dignitaries on dais included Ms.Jennifer Bliss,University of Iowa, USA, Dr.S.Krishna Kumar, DRDO, Dr.S.Albert Alexander, KEC, Dr .J.Arputha Vijaya Selvi, Principal, Dr.R.Rajendran, Secretary, Dr.S.Sivakumar, Vice Principal

Dr J. Arputha Vijaya Selvi, Principal, welcomed the gathering and narrated the theme of the conference.



As an auspicious beginning, the lighting of lamp was done by all the dignitaries.



Dr.J.Arputha Vijaya selvi Principal, Honoring the chief guest Ms.Jennifer Bliss, by presenting a Shawl & momentum.



Dr.R.Rajendran, Secretary, presided over the inaugural function and delivered the Presidential Address, He insisted the engineers to focus on innovations which would enhance the living standards of people. He reiterated

that only engineers could bring newer technologies which would develop a sustainable eco system. Also he summarized the latest technologies in the field of Information and Communication Engineering.

After the Presidential Address, our honorable Guest Ms.Jennifer Bliss has released the proceedings of the **National Conference on Emerging Trends in Advanced Computing Technologies** and the first hard copy was received by the Dr.J.Arputha Vijaya Selvi, Principal.



Proceedings of the conference was released

Chief-guest Ms.Jennifer Bliss giving the Inaugural speech

Dr.D.Sivakumar Secretary NCETACT'19 introduced the Chief Guest to the gathering.

Chief Guest, Ms.Jennifer Bliss in her special address, emphasized on the importance of research in engineering disciplines, and given speech about robotics and emerging technologies. It also motivated the students, faculties and the researchers to think innovatively in the field of Computing Technologies in emerging scientific fields.

The title of her talk was **“FRC Robotics and automation”**. In her speech, Ms.Jennifer Bliss detailed the recent trends in Computing Technologies. Robotics demo session was shown to the students. The session ended with interaction between the speaker and listeners.

After the inaugural function, the expert session was started. In that session, the Invited Talk was delivered by Ms.Jennifer Bliss, STEM Consultant, the University of Iowa , USA.



Invited Talk- Students listening the lecture on “Robotics”

TECHNICAL SESSION

Session 1: Paper Presentation (Chera Hall)

Session 2: Paper Presentation (CSE Lab – I)

The paper presentation session was divided into two tracks. Two tracks ran parallel where the experts and scholars presented their views on different topics pertaining to themes of NCETACT'19. The details of paper presentation are enclosed in the annexure section of this report. Key-note lecture, expert talks and paper presentation sessions justified the themes of conference. This conference proved its existence in contributing knowledge in the domain of Advanced Computing.



Students presenting the paper

PARTICIPANTS DETAILS

S.NO	COLLEGE NAME	BATCH COUNT	STUDENTS COUNT
1.	Anjalai Ammal Mahalingam Engineering College, Kovilvenni.	05	15
2.	University College of Engineering, Thirukuvalai.	01	4
3.	MIET Engineering College, Trichy.	08	32
4.	Ariyalur Engineering College, Ariyalur.	06	20
5.	Sir Issac Newton College of Engineering & Technology, Nagapattinam.	01	1
8.	Kings College of Engineering, Punalkulam.	08	24
TOTAL		29	96

Totally 29 batches and 96 students have participated and presented their papers in our National Conference on Emerging Trends in Advanced Computing Technologies – NCETACT'19.

VALEDICTORY FUNCTION

After the paper presentation session, the valedictory function was organized in Chera hall of K.C.E. Dr.S.M.Uma HOD/CSE, Dr.D.Sivakumar, and Mr.R.Sriramkumar organizing Secretary and all other committee members of NCEACT'19 were present on the dias.

Dr.S.M.Uma HOD/CSE, delivered the valedictory address and distributed the certificates.



Distribution of Certificates



Mr.R.Sriramkumar, the Organizing Secretary delivered Vote of Thanks. The function ended with National Anthem.