

Proceeding of

cPGCON 2020

(9th post graduate conference of computer engineering), Amrutvahini college of engineering, Sangamner, India

10th And 11th July 2020

Convenor

Prof. R.L. Paikrao

Co-ordinator

Prof. S.K. Sonkar

Organized by

Department of Computer Engineering
Amrutvahini College of Engineering
Sangamner-422608, Maharashtra

In Association with

***Board of Studies, Computer Engineering,
Savitribai Phule Pune University, Pune***

Message



Hon'ble Namdar Shri Balasaheb Bhausahab Thorat

Revenue Minister, Maharashtra State
President, AVS & SV Sanstha, Sangamner

It is glad to know that Department of Computer Engineering of Amrutvahini College of Engineering is organizing cPGCON-2020, a Post Graduate Conference, on 10th And 11th July 2020. On this occasion I extend my warm greetings, felicitations to the organizers, the participants and wish the symposium all success.

Message



Hon'ble Dr. Sudhirjee Tambe

MLC Govt. of Maharashtra

Trustee, AVS &SV Sanstha, Sangamner

I am really happy to know that Computer Engineering Department of Amrutvahini College of Engineering is organizing a cPGCON-2020, a Post Graduate Conference, on 10th And 11th July 2020. It is indeed pleasure to host this program at our end which will provide platform to budding researchers, academicians and technocrats to display their talent. Also, we will learn from this experience. On this occasion I wish them all success. I also extend my warm greetings, felicitations to the organizers, the participants.

Message



Dr. M. A. Venkatesh
Principal, AVCOE, Sangamner

India has won the overall championship in the various emerging educational fields like, science, engineering, technology, medical, industry, arts, commerce, farm etc. Looking at present scenario, India might be having a monarch-ship in quite very near future in 21st century compared to the rest of the world. This has the roots in the propagation of a quality, proficiency and very high degree of primary as well as advanced education at various levels to Indian societies. During the last few decades, the knowledge traits have been cultivated to be at precise, rapid and innovative levels in Indian education system. Presently, this process rate has been increased enormously leading to highly professional dynamic, talented, skilled personalities. Looking at rapid cultivation of such personalities, we are also committed to very good quality of teaching-learning process with having maintained high grade discipline among the staff and students and to achieve sky-scraping point superiority in academic.

In another view, we aim at development of our student at different levels by the proper encouragement, guidance, support. We further also committed to arrange scientific and/or technological based conferences, workshops, events to increase and give up their educational thirst at extremely challenging level. These efforts have resulted in more placements and we are keen to argument it further.

On this occasion of cPGCON-2020, I extend my warm greetings, felicitations to the organizers, the participants and wish the symposium all success.

Message



Dr. V. H. Patil

BOS Chairman, Computer Engg, SPPU, Pune

Such events provide a platform to the faculty and students around the nation to interact and to exhibit their creative and innovative talents. I hope this event play an important role in spreading the technical temperament among the engineers. The symposium, I am sure, offers an excellent opportunity to the engineers to reflect latest technology to tackle the problems faced by Engineering field.

I expect that this event bridges an important gap in overall training and personality development, which go to make a successful citizen. I take this opportunity to thank the team of professors and students from the Computer Engineering Department of AVCOE, Sangamner for providing such a forum to all the participants. I wish the success to cPGCON2020, a Post Graduate Conference and all the delegates.

Preface

Dear Distinguished Delegates and Guests,

The Organizing Committee warmly welcomes you to the cPGCON-2020, a Post Graduate Conference, on 10th And 11th July 2020 in AVCOE, Sangamner. We are organizing this event in association SPPU, Pune. The main goal of this event is to provide platform for exchange of new ideas and interaction in depth through discussions with their peers. The high quality of the program guaranteed by the presence of recognized top experts.

We would like to thank the program chair, organization staff and the members of the program committees for their work. We are grateful to all those who have contributed to the success of this event. We hope that all participants and other interested readers benefit scientifically and technically from the proceedings and also find it stimulating in the process. Finally, we would like to wish you success in your technical presentation and social networking.

We hope you have a unique, rewarding and enjoyable weekend at cPGCON-2020 in AVCOE, Sangamner.

With warm regards,



Co-ordinator
Prof. S.K. Sonkar



Convenor
Prof. R.L. Paikrao