

Department: SVEC | Date: 17th -20th December 2019

26th IEEE INTERNATIONAL CONFERENCE ON HIGH PERFORMANCE COMPUTING, DATA, AND ANALYTICS

The management of SVEC sponsored its members of faculty to attend 26th edition of the IEEE International Conference on *High Performance Computing, Data and Analytics*, organized during 17th-20th December 2019 in Hyderabad.

The conference was a platform where researchers and Industrialists from across the world presented their ideas and solutions to various issues in the area high performance computing. The conference was focused on all aspects of high performance computing systems and their scientific, engineering, and commercial applications.

In addition to the THREE days of industry exhibits, the sponsoring partners to the conference held industry symposiums to bring together providers and users of HPC in a forum for presenting state-of-the-art in HPC platforms and technologies, for discussing best practices, and exchanging experiences. The conference served as a platform to develop stronger ties between academia and industry. As a part of the conference events, a session was organized with an objective of providing panelists from both industry and academia to have a close interaction. It focused on the following questions in the Indian context.

1. What should be the goals for a tighter Industry-Academia partnership?
2. What are the key challenges in enabling tighter industry and academia partnerships?
3. What problems are worthy of academic engagement to pursue research that would be relevant to the Indian industry?
4. What are the possible tactical and strategic initiatives that both sides can take to leverage each other better?
5. What can HiPC do to enable a deeper partnership in this regard?
6. What can/should the government do to foster such partnerships?
7. What can the attendees/organizers of HiPC do to address this challenge?

The session was moderated by Rama Govindaraju, Engineering Director, Google Platforms Engineering, Sunnyvale, USA.

Mr. Vishnu Manchu CEO, SVET was one of the panel members in the discussion and spoke on fostering Industry-Academia Partnership. Our CEO expressed his views regarding challenges faced by institutions/industry and students to leverage a better industry academic interaction. The discussion was really interesting to listen to. Our CEO is always committed to work towards a common footing.

HiPC 2019 also featured a student research symposium on High Performance Computing, Data, and Analytics (HPC). The symposium was an international forum where highlights of student research accomplishments were presented. It also provided exposure to the best practices in HPC in academia and industry.

The participants from Sree Vidyanikethan College had a chance to attend technical sessions on GPU programming, Deep learning for Computer Vision, and AI for Drug Discovery. In a nutshell, the Conference and Student Symposium Poster Exhibit sessions provided an opportunity for participants to interact with HPC researchers and practitioners (and recruiters) from academia and industry.

Institution was able to acquire required contacts to invite companies like Intel for Curriculum development and training, Microsoft for Azure platform training, Tech Data for student training, Boston Training for student training, and Brain Grid for Academic alliance. These alliance may be taken up in upcoming months after understanding mutual interests of the Parent and Guest organizations.

All the participants expressed their deep sense of gratitude to the management for sponsoring the attendees for the conference.



Mr. Vishnu Manchu, CEO, Answering Questions from participants during Panel Discussion



Panelists posed for photo after Discussion



Members of SVEC after HiPC Conference at Hyderabad