President’s Desk

From : President, Computer Society of India
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Bioinformatics is an interdisciplinary field of science which combines biology, computer science, information science, mathematics and statistics to analyze and interpret biological data. Bioinformatics is used for analyzing biological queries using mathematical and statistical techniques. It is a hybrid science that uses biological data with techniques for information storage, distribution, and analysis to support many areas of scientific research, including biomedicine & bioengineering. It helps in data-generating experiments like genomic sequence determinations and measurements of gene expression patterns. A number of important applications for bioinformatics have been discovered in the field of medicine as for example, it is used to identify correlations between gene sequences and diseases, to predict protein structures from amino acid sequences, to aid in the design of novel drugs, and to help in making treatments to individual patients based on their DNA sequences.

Bioinformatics is of great importance for the future scientific computing as it will focus on technology innovation and trend setting initiatives in the field of biomedicine, bioengineering, genetics, health science & related fields. The Bioinformatics experts have experienced the importance of growing demands of same in the past few years but the benefits of the same are still to be optimally utilized.

The theme of this issue of CSI communication Bioinformatics is of great importance as it will focus on technology innovation, related applications and trend setting initiatives in the concerned area. Different sectors will experience the great contribution of this computing technology in the current decade but the benefits of the same should be completely and uniformly understood and utilized by the users & the Society.

CSI Annual Convention

The CSI Annual Convention to be held at Bhubaneswar, Odisha on 16th, 17th & 18th January 2020 with the theme “Digital Democracy-IT for Change” for which the dedicated & devoted Members of the Bhubaneswar Chapter are making their best efforts to make the convention excellent & scale of height shall witness a galaxy of programmes including Inaugural function, Valedictory function, e-Governance Award, CSI-STPI YITP Award, IT Excellence Award, Invited Lectures, Panel discussion, Research paper presentation, Poster presentations, CSI discovery thinking programme contest, Different awards like Life Time Achievement, Hony. Fellowship, Fellowship, Chapter service awards, Student branch academic awards, Best PhD Thesis awards, Annual General Body Meeting, National Council Meeting, ExecCom Meeting, Regional Divisional Meetings, Student Coordinators Meetings, Auditors meeting & many more. The Proceeding of the Convention with selected papers shall be published by Springer CCIS. I also express my sincere thanks to the authorities of KIIT university for providing the venue & other support for this great cause. I request all the concerned for their kind participation & presence in the annual convention for enhancing the strength, efficiency, visibility, productivity & effectivity of CSI.

Activities & Events

The Society has witnessed more than 60 activities & events in last month comprising of National Workshops, Seminars, Regional Meetings, Seminars, Workshops, Regional & State Student conventions, Technical Talks & student branch activities etc. which clearly reflect the dynamism, vibrancy & activeness of the Society. I express my sincere thanks to all the concerned Chapter MC, National ExecCom Members & Student Branch Coordinators along with Members & Student Members for their efforts to bring the society to scale of excellence. We were able to publish the reports of around 50 activities due to paucity of space & rest shall be published in next issue which we received in late.

Inauguration of New Student Branches

Expansion of CSI continues all over the country by establishing more & more Chapters & Student Branches. The inauguration & establishment of 7 new Student Branches in last month at different places in the country has set the record & milestone to clearly indicate that more & more academic Institutions & students are extending their faith & confidence in CSI by enrolling themselves under CSI Domain. The inauguration report of six student branches are covered in this issue. The society achieved the substantial growth in Student Membership enrolment in the current year comparison to the previous year. I take this opportunity to congratulate the Management & Student Members of respective student branches for their great efforts. In the same time I extend my heartiest thanks & congratulations to our all Regional Vice Presidents, Regional Student Coordinators, State Student Coordinators for their sincere efforts & coordination to translate CSI dream of explanation in to action. It is significant to mention that the report of Central University, Silchar, Assam is not covered which shall be covered in due time.

It is my pleasure to inform you all that the society in the way to achieve the inclusive presence & growth in membership in the country with the presence at north east region, particularly in Nagaland, Sikkim, Meghalaya & Assam. In the month of December we are also expecting to have our student branch at Central University, Mizoram & Manipur University.

CSI Election

The CSI election final slate for the year 2020-21/22 has been published in this issue. My sincere request to all the voting members for their larger participation in the democratic process to elect the most suitable & able candidates for the respective positions.

Let us come forward to make Clean CSI & Green CSI with transparent activities & visions to make it Swachh, Pardarshi & Hara Vara.

Thanking you & looking forward to your continued cooperation & support for the all round develop of CSI.

With warm regards,

Prof. Akshaya Nayak
President, CSI

Wishing you a Merry Christmas and Prosperous New Year!