



# ST. JOSEPH'S COLLEGE (AUTONOMOUS), IRINJALAKUDA

## DEPARTMENT OF COMPUTER SCIENCE

### REPORT ON NATIONAL CONFERENCE ON “BIG DATA ANALYTICS FOR INDUSTRY 4.0”

The Computer Science department of St. Joseph's (Autonomous) College, Irinjalakuda organised a national conference titled **Big Data Analytics For Industry 4.0** on 27<sup>th</sup> September 2019. The conference was well attended by eminent academicians, faculty members and students from reputed technical and various educational institutions. The enormous response was well recognized through the registration of around 50 participants (Participants were Faculty, Research Scholars and PG students of various Colleges).

The program commenced with the inaugural ceremony by invoking the blessings of the Almighty in the form of lighting of the lamp by the honorable chief guest, **Mr. Abin Jose Tom**, CEO and Founder, WEBANDCRAFTS InfoPark-Thrissur, Koratty, Honourable Principal, **Dr. Sr. Isabel**, **Dr. Binu P Chacko** (President of CSCTA, Associate Professor, Department of Computer Science, Prajyoti Niketan College, Pudukkad), **Dr. C Priya** (Associate Professor, Department of Information Technology School of Computing Science, Vels Institute of Science, Technology and Advanced Studies(VISTAS), Chennai), **Dr. Hemalatha M** (Professor, Department of Computer Science, Sri Ramakrishna College of Arts & Science, Coimbatore), **Sr. Blessy** (Head, Department of Computer Science) followed by Ms Anaida(Association Secretary).

**Sr. Blessy**, Head of the Computer Science Department, formally welcomed all the dignitaries on the dais and participants from the various educational institutions, colleagues, guests and students. **Dr.Sr.Isabel**, the principal of St. Joseph's College, has given the Presidential address. She pointed various applications of this topic in diverse fields and hoped that the participants will be highly benefited by the lectures. Then our chief guest, **Mr. Abin Jose Tom** inaugurated the function and delivered his inaugural address. He made audience to realize the fact that “failures are stepping stones to success” by narrating his own story. He shared his experiences of becoming a successful CEO and Founder of his present IT Company, WEBANDCRAFTS, through his motivational speech. **Dr. Binu P Chacko** threw some light on the thrust areas of Big Data. He described and explained the importance of Big Data tools in today's world. He also pointed various challenges and experiences related to this topic.

The Prestigious part of our inauguration, **Dr.Sr.Asha**, Vice Principal of St.Joseph's College, Irinjalakuda, honoured our beloved Retiring Principal and Former Head of the Department of

Computer Science, **Dr.Sr.Isabel** by presenting a memento. Ms Magniya, Faculty, Department of Computer Science has taken the privilege of introducing her.

In the end, Ms. Reesha P U offered a vote of thanks to all including the Principal, the HOD, and faculty advisors without whom this event wouldn't have been possible and all the invited guests for gracing the occasion by their solemn presence and to all the participants of the workshop who were the main ingredient of this workshop.

### **TECHNICAL SESSION - I**

The technical session was started immediately at 10.45 am and **Dr. C. Priya**, Associate Professor, Department of Information Technology School of Computing Science, Vels Institute of Science, Technology and Advanced Studies (VISTAS), Chennai delivered his energetic talk on 'AI in Big Data'. The session was very interactive and many of our participants were actively interacted with the resource person. He insisted the participants to summarize his lecture for every 15 minutes. It was ever memorable for many of our participants. This session came to an end at 12.30 pm.

### **TECHNICAL SESSION - II**

In Post lunch session, the first talk was given by **Dr. Hemalatha M**, Professor, Department of Computer Science, Sri Ramakrishna College of Arts & Science, Coimbatore on the title of "Big Data Tools and Techniques". The speaker acquainted the audience about the importance of the tools and techniques used in big data analytics. The session was very informative and many of our participants were actively interacted with Dr. Hemalatha M.

### **PAPER PRESENTATION**

This session was chaired by Ms. Remya, Head of the Department of Computer Science, Christ College of Engineering, Irinjalakuda on the title of "Big Data Analytics for Industry 4.0". A total of 5 speakers presented papers on the same and each speaker was given 15 minutes to present, followed by 5-10 minutes for questions.

