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SIR SAYYED COLLEGE

OF ARTS, COMMERCE & SCIENCE, AURANGABAD

One day International e- Seminar
on “ Internet of Things Technology,
Sensor Devices and Big Data ”
On 19 December 2020

Organized by

Department of Computer Science & Department
of Physics, Sir Sayyed College of Arts, Commerce
and Science, Aurangabad -431001 (M.S)

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Scope and Objectives

Internet of things (IoT) technology plays an important role not only in communication and computer science but also in physics due to the rapid spread of usage of sensor devices. The telemetry of different sensed data such as pressure, temperature, illumination, and object detection is one of the potent ways to solve many complex problems by combining them with Big Data. IoT and Data Mining can also be helpful in solving many issues related to e-Health. A lot of applications related to human health and drastic changes in the environment require fast and accurate solutions. Sensor technology in combination with Big Data can help to solve and improve the prediction of disaster and quality of life. To implement IoT-based environmental technology for improving the quality of life, we want to introduce the amalgamation of sensor-based communication technologies in collaboration with Big Data analytics and its applications. In this Topic, we invite the latest research work on emerging innovative methodologies, technologies, and research related to IoT with respect to Big Data technology. The Research Topic will cover a wide area of issues.

Areas of interest include:

- Internet of Things (IoT)
- Big Data
- Sensor Devices
- Robotics and automation
- Instrumentation and Control
- Architecture & protocols for IoT & Big Data
- Smart cities and systems using Big Data
- IoT based on various types of sensors
- Privacy & security related to IoT & Big Data
- IoT and Big Data programming model
- Wireless Sensor Networks

College Profile

Sir Sayyed College of Arts, Commerce & Science which runs under the aegis of Rehber Educational, Cultural & Welfare Society is the minority institution in Aurangabad city established in 1990. It is one of the leading institutions engaged in imparting quality education in the stream of Arts, Commerce & Science for the past three decades. **Prof. Mohd. Tilawat Ali** is the Founder of Sir Sayed College. The ongoing century being the century of youth, the college is marching ahead under the able guidance of

the dynamic President, RECWS, Dr. Shamama Parveen has been leading the institution from the front and we are quite sure that she would take the institution to the appreciable heights. With the modest beginning in 1990, Sir Sayyed College has now evolved as a full-fledged college with many courses. The college has been constantly striving to add new courses in an endeavor to offer quality education and prepare students to face new challenges of 21st century. The college offers Arts, Commerce & Science at junior and undergraduate level. Postgraduate courses in Arabic, Urdu, English, and Commerce & Organic Chemistry are also available at the college. To meet the changing economic challenges, the college offers three years professional degree courses such as B.B.A & B.C.S. The college has a long standing academic tradition and boasts of a team of 34 experienced, well qualified and dedicated faculty with 13 research guides in English, Commerce, History, Chemistry, Botany and Zoology. 28 teachers are doctorates and 11 teachers have qualified SET / NET Examinations so far. 38 students stood in the merit list of Dr. BAMU, Aurangabad. Three students received GOLD medals in Arts and Science stream.

Call for paper: -

All the accepted papers will be published in International Journal of Innovative Research in Multidisciplinary Field.

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Registration link:

<https://forms.gle/A6VZMdgVUNkivEZk6>

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- 2) Dr. Asif Karim - 9922333353
- 3) Dr. Shaikh Azhar 8275325459
- 4) Dr. Sayed Mujeeb 9730527826

Key Note Speaker

Dr. A. R. Khan,

Head, Dept. of Computer Science,
Maulana Azad College, Dr. Rafique Zakaria
Campus, Aurangabad.

Invited Speakers

Prof. Jack Kihiko,

Professor, Dept. of Electronics
Karatina University, Kenya

Dr. Mohammed Aref Abdul Rasheed

Professor, Dept. of MIS
Dhofar University Oman

Zaheer Ahmed Khan,

Scientist/Engineer 'SE'
VLSI & MEMS Fabrication Group,
Department of Space, India

Dr. Murtaza Junaid Farooque

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