

**One week FDP/SDP on**

**“Bio-Medical Signal Acquisition and  
Analysis ”**

**24<sup>th</sup> April 2023 to 28<sup>th</sup> April 2023**

**Registration Form**

Name : \_\_\_\_\_

Designation : \_\_\_\_\_

Gender : Male / Female

Qualification : \_\_\_\_\_

Organization : \_\_\_\_\_

Address for Communication:

\_\_\_\_\_  
\_\_\_\_\_

Mobile No : \_\_\_\_\_

E-Mail ID : \_\_\_\_\_

**DETAILS OF FEE: ONLINE PAYMENT**

**ACCOMODATION REQUIRED? : YES/NO**

**Online Link for Payment Details to be filled:**

**<https://forms.gle/zyMfPth577HE>**

**MoQCA**

**Declaration**

I hereby declare that the information furnished above is true to the best of my knowledge.

Date:

Place: Signature of Participant

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**Dr. Joshi Manisha S, Professor & Head, Dept. of  
MD, BMSCE, Bangalore**

**FACULTY COORDINATORS**

**Dr. Kavitha Sooda, Associate Professor, Dept. of  
CSE, BMSCE.**

**Dr. Vijayalakshmi K, Professor, Dept. of MD,  
BMSCE**

**Registration Details**

Registration fees: **Check Payment details**

Please fill the attached registration form and send it to the correspondence address given in the section ‘Contact Us’ on or before **21<sup>st</sup> April 2023 via Mail.**

**Note: No TA /DA will be paid.**

**B.M.S. COLLEGE OF  
ENGINEERING**

**(An Autonomous Institution)**

**Bull Temple Road, Basavanagudi,  
Bangalore - 560019, Karnataka, India.**



**ISTE Sponsored**

**One week FDP/SDP on**

**“Bio-Medical Signal Acquisition and  
Analysis”**

**24<sup>th</sup> April 2023 to 28<sup>th</sup> April 2023**

**Organized By**

**Department of**

**Computer Science & Engineering,  
Medical Electronics and Engineering,  
BMSCE**

**Venue: 6<sup>th</sup> Floor, MD lab, New Building  
(Platinum Block), BMSCE**

### ABOUT BMSCE

B.M.S. College of Engineering (BMSCE) was Founded in the year 1946 by Late Sri. B. M. Sreenivasaiah a great visionary and philanthropist and nurtured by his illustrious son Late Sri. B. S. Narayan. BMSCE is the first private sector initiative in engineering education in India. Over the past 74 years of its illustrious existence, the institution has produced more than 40,000 engineers/leaders who have enriched the world through their immense contributions for mankind.

Started with only 03 undergraduate courses, BMSCE today offers 13 Undergraduate & 16 Postgraduate courses both in conventional and emerging areas.

### ABOUT THE DEPARTMENT OF CSE

The department of Computer Science and Engineering was established in the year 1983 and the current intake is hundred and twenty for the UG program. The UG program in the department is accredited by NBA. The department offers PG program in Computer Science and Engineering. The PG program in the department is accredited by NBA. The department provides state of the art computing facilities to the students. Some of the major research areas which the faculty members are working on are Networks, Database, Machine Learning and Network Security.

### ABOUT THE DEPARTMENT OF MD

The department of Medical Electronics Engineering was established in 1992 to expand its academic horizon to the fast-growing field of healthcare technologies. The college has laid its focus to impart education in the field of medical electronics and health sciences to translate it into real-world applications.

With experienced and well-qualified faculty (90% doctorates), with an average experience of 25 years, the department has been able to contribute a large pool of talented biomedical engineers into the industry. Department is offering an M.Tech programme in Biomedical Signal Processing and Instrumentation since 2013 with an intake of 18.

With the belief that collaboration is everything, the department has networked with premier research institutes like Stanford University, Oxford University, Maastricht University, Ohio State University, Texas A&M University, Indian Institute of Science, Narayana Nethralaya, Kempegowda Institute of Medical Sciences and many more.

The department also has a center for innovation in medical electronics (CIME). It has been set up with the objective of creating a forum for industry, institutions, and hospitals to work together for developing affordable innovative healthcare devices and encouraging faculty/student research-driven entrepreneurship.

### ABOUT THE FDP/SDP

The objective of the FDP/SDP is to introduce computer based data acquisition and analysis techniques which are currently widely used in Biomedical Signal Processing. The acquisition of the brain signal will address the key issues which must be considered in order to properly acquire a particular physiological signal.

Biomedical signals like ECG,EMG,EOG are also included in the acquisition part. The FDP/SDP will provide insight on analyzing an actual physiological signal, the electroencephalogram, which is a recording of the activity of the brain obtained from electrodes placed on the scalp. Many Statistical methods using popular tools like SPSS and many other platforms will be explored during the sessions.

### FDP/SDP OBJECTIVES

- . To acquire the ECG,EEG,EMG and EOG signal
- . To Process the Signal
- . To analyze the signal.

### Payment Details:

**Bank: Indian Bank, Hanumanthnagar Branch, Bengaluru**

**Account Name: ISTE BMSCE**

**Account Number: 20274180988**

**IFSC CODE: IDIB000B607**

**Participants:**

**Research Scholar/Interns: Rs.500/-**

**Faculty: Rs. 1000/-**

**Industry Delegates: Rs. 1500/-**

**Note: Once the payment is completed then you need to enter the details in Google form.**

### CONTACT US

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B.M.S College of Engineering, Bangalore.

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