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Kunwar Shekhar Vijendra, Hon'ble Chancellor

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### Organizing Co-ordinators

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Dr. Sandeep Kumar  
Dr. Jashvir Singh Rana  
Dr. Maya Datt Joshi  
Mr. Vijay Maheswari  
Mr. Chhabilal Singh  
Ms. Shraddha Maurya  
Mr. Manoj Kumar  
Mr. Rupesh Kumar  
Mr. Rajat Othayoth

## REGISTRATION FORM

**National Seminar  
on  
Emerging Trends in Bio Electronics & Informatics  
(SETBI- 2019)  
20<sup>th</sup>-21<sup>st</sup> April , 2019**

Name : .....

Designation:.....

Organization:.....

Category: Academic/Industry/Student.....

Address for communication : .....

Contact No./Mobile:.....

E-mail:.....

Highest qualification : ..... Nationality.....

Title of Abstract.....

Attending Workshop on IOT : Yes ..... No.....

Payment: Cash.....Online..... Rs.....

Accommodation required: Yes ..... No.....

Signature with date: .....

## CONTACT

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Organizing Secretary, SETBI- 2019  
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## NATIONAL SEMINAR

on

## Emerging Trends in Bio-Electronics & Informatics

## SETBI 2019

20<sup>th</sup> and 21<sup>st</sup> April, 2019

Organized by

Department of Electronics Engineering

**SHOBHIT DEEMED UNIVERSITY**

Meerut, U.P., India.

Accepted & peer reviewed papers will be  
submitted for publication in Journal





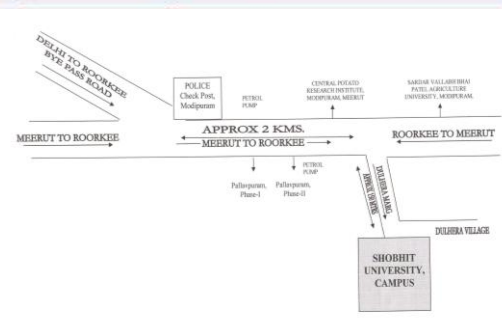
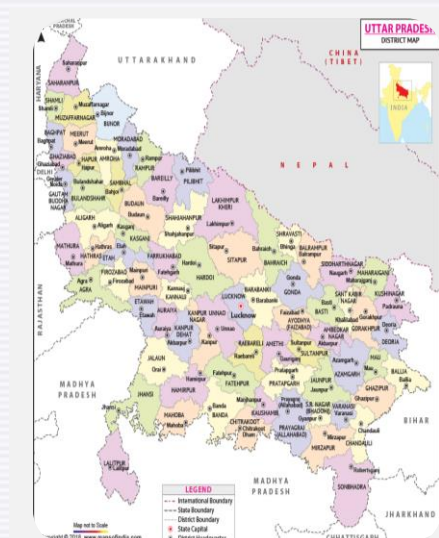
### ABOUT THE UNIVERSITY

The Journey to empower the nation through education, particularly rural India, has its origins from a remote village Gangoh followed by another village Dulhera in North India. Shobhit Meerut is a NAAC Accredited research-intensive Deemed to-be university that shares the values of high-quality teaching within an environment of internationally competitive research. It is ranked as one among the top twenty self-financed multi-disciplinary universities in India. It has also been conferred best university in India promoting Industry-Academia Interface Award 2017, 18 & 19 by ASSOCHAM. It has also been ranked as 4th in the category of pvt. universities with best value for money & 5th in the top pvt. university by Times of India, July 2, 2018. University won the award for best University in "Research and Innovation" category in 7th Higher Education Summit-2019 held on 21 January, 2019

The Department of Electronics was established in the year 2007 with a mission to equip students with theoretical concepts and practical requirements of industries and research institutes. The department offers various programmes at Undergraduate, Graduate and research level. The syllabus of different programmes covers the latest developments in respective streams and has been designed based upon market needs, with the aim to develop skills of students as entrepreneurs and to groom their Skills. Our efforts are strengthened with various reputed research organizations of national and international importance. The major areas of faculty expertise of the department include MIMO Wireless Communication, Smartgrid, Switchgear and Protection, MATLAB, Non- Renewable and Renewable energy sources, Energy management, Power System, EHV-AC & DC , Instrumentation, RF and Microwaves, VLSI Systems and MEMS .

Meerut, is an "Historian Paradise", which stands at a strategic standpoint both geographically and culturally. Owing to its inimitable geographical locations, the inhabitants of the city are not only privileged to experience all the four seasons but also in having some of the most rejuvenating weekend getaways and tourist destinations at their ease such as Hastinapur, Prakashgarh, Haridwar, Rishikesh, Shukrataal. The city is one of the largest producer of sports goods as well as musical instruments in India. The city has a well-developed tourism sector within western Uttar Pradesh with its imminent history and luxurious picturesque backdrop.

### LOCATION



The University is located in Meerut on the Delhi-Meerut-Dehradun National Highway (NH-58). Meerut is well connected via road to major cities like Delhi, Noida, Agra, Ghaziabad, Rishikesh, Haridwar etc.

### SEMINAR THEME

This seminar is an initiative to provide a common platform for researchers working in the field of nanotechnology to share knowledge and ideas for technological advancements. As we all know that 'Medicine & technology' is gripping in diverse fields and providing excellent outcomes in terms of different parameters. Therefore, it should be considered as the need of today to combine different ideas of researchers working in different domains to develop cost-effective and reliable technology for day-to-day life. This seminar will be suitable for renowned researchers, young scientists, engineers from industries and other keen professionals (R&D, manufacturers, etc.). The scientific event will comprise of key-note talks, oral presentations, poster sessions and a session for special research outcomes.

This national level seminar will create an opportunity to bring together researchers from academia, industry, students, environmental activists and organizations to encourage collaborations through research and scientific finding presentations to put forward many ideas towards the development of strategies for conservation and sustainable utilization of bio-resources using classical and advanced molecular approaches.

On second day of seminar there will be workshop on Internet of Things (IOT), an emerging trend where a large number of embedded devices (things) are connected to the Internet. These connected devices communicate with people and other things and often provide sensor data to cloud storage and cloud computing resources where the data is processed and analyzed to gain important insights.

### CALL FOR PAPERS

Topics of interest include, but are not limited to the following:

1. Electronics & Communication Engineering
2. Informatics
3. Microprocessor & Microcontroller based Research
4. Antennas & Propagation
5. Renewable Energy Systems
6. Power Electronics
7. Fuzzy Technology
8. Biomedical Engineering
9. Bioinformatics
10. Nano-Biotechnology
11. Artificial Intelligence and Machine learning
12. Automation, Mechatronics and Robotics
13. Big Data Analysis
14. Nanomaterials and Nanotechnology
15. Cybersecurity and cyber Forensic Systems
16. Model reduction of linear dynamic system
17. Computer assisted education
18. Speech & Image Processing
19. Sensors & Transducers
20. SoC, VLSI and embedded systems
21. Avionics

### IMPORTANT DATES

- Full Paper Submission date : 05-04-2019
- Notification of acceptance date : 10-04-2019
- Final Paper Submission date : 18-04-2019

### REGISTRATION INFORMATION

Participant Profile	(15.04.19)	(19.04.19)
Academia/ Research Institute/Industries	INR 800	INR 1000
Student, Delegates Ph.D., M. Tech. & B. Tech.	INR 400	INR 500
Participation without paper presentation (In Campus)	INR 200	INR 300
Participation	INR 300	INR 400

### ELECTRONIC SUBMISSION

Accepted & Peer-Reviewed papers will be submitted for inclusion into International Journal of Contemporary Research in Engineering and Technology (ISSN: 2250-0510).

Abstracts (not exceeding 250 words) on aforementioned themes are invited. The Abstract should be typed in MS Word, Times New Roman, 12 fonts with 1.5 line spacing. Besides invited papers covering key issue, there will be oral and poster presentations. Abstract should be sent to email id- [setbi@shobhituniversity.ac.in](mailto:setbi@shobhituniversity.ac.in).

### ACCOMMODATION

Rooms will be provided in Guest House on request basis at nominal rates