

About Somaiya Vidyavihar

Padmabhusan (Late) Shri K. J. Somaiya, an entrepreneur, philanthropist and visionary established Somaiya Vidyavihar Trust in 1953. He had the vision and grit to achieve his dreams single-mindedly. Somaiya Vidyavihar is in Mumbai having sprawling campus admeasuring over 60 acres.

About K. J. Somaiya College of Engineering

K. J. Somaiya College of Engineering (KJSCE), started in the year 1983, is one of the leading engineering colleges. University Grand Commission conferred Autonomous status since academic year 2014-15. KJSCE is graded "A" in May 2017 by NAAC. It offers 5 UG programs, 6 PG programs and 3 Ph.D. programs. Vibrant student activities, encouragement to interdisciplinary activities, entrepreneurial efforts, and almost 100% placement record are a matter of pride for the students as well as the faculty members.

About the course

In this course faculties/Engineers/Students are given an understanding of Sensors, IoT and Machine Learning. Also, there will be details of how these three interconnect to form next-generation intelligent electronic systems.

• Sensors

A sensor is a device that detects and responds to some type of input from the physical environment. The specific input could be light, heat, pressure, etc. The output is generally a signal that is converted to human-readable display at the sensor location or transmitted electronically over a network for reading or further processing.

• IoT

The internet of things, or IoT, is a system of interrelated computing devices, mechanical and digital machines, objects, animals or people that are provided with unique identifiers (UIDs) and the ability to transfer data over a network without requiring human-to-human or human-to-computer interaction.

• Machine Learning

Machine learning is an application of artificial intelligence (AI) that provides systems the ability to automatically learn and improve from experience without being explicitly programmed.



Who can attend?

Faculty members, students and industry personnel of any engineering background can apply for this course.

Course content

- Introduction to Sensors
- Internet of Things
- Sensor interfacing in IoT
- Introduction to Machine Learning
- Machine learning for IoT sensor data

About the Department of Electronics Engineering

Department of Electronics Engineering was established in 1983. The intake of students at UG is 120, at PG is 18 and at Ph.D is 10. The department has always rendered cumulative efforts to enhance learning by conducting various workshops, seminars and short term training programs.

Course Schedule

Date: June 1-5 , 2020

Timing: 3 p.m. to 6.15 p. m.

Course fee

Free of cost

Contact Persons

- Dr. Ninad Mehendale: ninad@Somaiya.edu
(Phone Number: + 91 9820805405)
- Mrs. Megha Sharma: meghasharma@somaiya.edu
- Mr. Umang Patel: umang@somaiya.edu

Last date of registration: 31st May 2020



One-week Online students teachers short term training program on Sensors, IoT And Machine learning

1st to 5th June 2020

Organized by
Department of Electronics Engineering
K. J. Somaiya College of Engineering Vidyavihar, Mumbai -77

Patron committee

Shri. Samir S. Somaiya, President Somaiya Trust
Lt. Gen. Jagbir Singh, Secretary Somaiya Trust
Prof. V. N. R. Pillai, Vice-Chancellor SVU
Dr. N. R. Gilke, Registrar, SVU
Dr. R. G. Karandikar, Controller of Examinations, SVU

Advisory committee

Dr. Shubha Pandit, Principal, KJSCE
Prof. A.S. Thosar, Vice Principal, KJSCE

Course co-ordinators

Dr. N..D. Mehendale, Asso. Prof, Electronics, KJSCE
Prof. M..R. Sharma, Asst. Prof, Electronics, KJSCE
Prof. U. J. Patel , Asst. Prof, Electronics, KJSCE

Convener

Dr. J. H. Nirmal, HOD, Electronics, KJSCE

Registration form: <https://forms.gle/JjPpJGWt6gU94N5z7>

K. J. Somaiya College of Engineering, Vidyavihar, Mumbai
(Somaiya Vidyavihar University)



Sensors, IoT And Machine learning

Eminent Speakers from industry and academia



Dr. Shilpi Pandey,
Post-doctoral
Scientist, T.U.
Darmstadt, Germany



Dr. Avinash More,
Associate Professor,
NMIMS University,
India



Dr. Nareshkumar Harale,
Assistant Vice President
(Cybersecurity, Privacy and
GRC), DBS Bank India



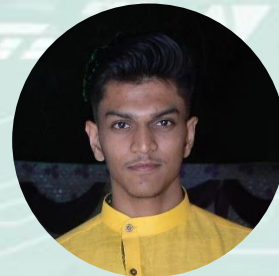
Mr. Parag Mehendale,
Senior Software
Engineer, Nvidia, USA



Dr. Manesh Kokare,
Associate Professor,
SGGS Nanded, India



Mr. Shashank Shah,
Co-founder, Utopia,
Mumbai, India.



Mr. Chinmay Patel,
Entrepreneur, Preasy,
Surat, India



Mr. Shashank Karmakar,
Reliance Communication,
India



Mr. Pramod Kachare,
Assistant Professor, RAIT
(Research Scholar, IIT
Bombay) Mumbai, India.

Eminent Speakers from K.J. Somaiya college of Engineering



Dr. J. H. Nirmal,
Professor,
KJSCE, Mumbai



Dr. Sudha Gupta,
Associate Professor,
KJSCE, Mumbai



Dr. Ankita Modi,
Assistant Professor,
KJSCE, Mumbai



Dr. Samidha Kulkarni,
Associate Professor,
KJSCE, Mumbai



Dr. Ninad Mehendale,
Associate Professor,
KJSCE, Mumbai



Amrita Naiksatam,
Assistant Professor,
KJSCE, Mumbai