



## SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

The SRM Institute of Science and Technology (formerly known as SRM University) NCR Campus is a leading, world-class institution, offering diplomas, undergraduate, postgraduate or doctoral programs in engineering, management and Science and Humanities. SRM Institute of Science and Technology (formerly known as SRM University) is one of the top ranking universities in India with over 20,000 students and 1,500 faculty. SRM Institute of Science and Technology (formerly known as SRM University) is a part of 40 years old SRM group of Educational Institutions that are known for providing quality education in frontier areas.

Foreign faculty, flexible and dynamic curriculum, exciting research and global connections are the features that set SRM apart. Students have a wide choice of cutting edge programs, including Nanotechnology, Bioinformatics, Genetic Engineering, Remote Sensing and GIS, Embedded Systems or Computer Forensics to choose from. Most of these courses are offered in close collaboration with foreign universities.

The campus is spread over many acres of lush green lawn environment located at Modinagar in Delhi-Merrut highway with many topographical features all around. The location of the campus is

apt and provides an environment for innovation and creativity. Roads within the campus are wide and clean. The academic building accommodates various teaching activities, include personality development and communication skills which derive the students' ability to emerge them to become a good leader.

The aroma of learning can be felt within the campus all around. Students and teachers share abyss of knowledge, that makes the zone of compatibility and comfort.

## DEPARTMENT OF CSE

The Department of Computer Science is renowned for cutting edge research and for imparting state of the art world class education. We attract some of the excellent students and faculty.

The Department of Computer Science imparts international level training and research. The Department provides high standard computing facilities to the students. It also promotes active industry-department affiliation by finding common areas of interest and taking part in research projects and consultancy services.

Our research exists in the areas of systems, software, networking, databases, security, and foundations of computer science, artificial intelligence, robotics, and scientific computing. Besides basic research, interdisciplinary work on applications that stimulate basic research has been undertaken under Department of Computer Science.

## ABOUT FDP

A digital image  $a[m,n]$  described in a 2D discrete space is derived from an analog image  $a(x,y)$  in a 2D continuous space through a sampling process that is frequently referred to as

digitization. The mathematics of that sampling process will be described in Section 5. For now we will look at some basic definitions associated with the digital image.

FPGA

Unlike processors, FPGAs are truly parallel in nature, so different processing operations do not have to compete for the same resources. Each independent processing task is assigned to a dedicated section of the chip and can function autonomously without any influence from other logic blocks. As a result, the performance of one part of the application is not affected when you add more processing. Android is an open source mobile OS.

## Workshop Highlights:

**Image Processing, FPGA Techniques VHDL Modules, Image compression techniques, and MATLAB tool.**

## KEY SPEAKERS

Sessions will be handled by **Mr. Madan Gopal** from **Echo Solution Systems, Hyderabad.**

## IMPORTANT DATES

Date of Registration : **11 December 2018**  
Date of conformation : **12 December 2018**  
Date of the Event : **13<sup>th</sup> & 15<sup>th</sup> Dec 2018**

**PARTICIPATION FORM**



**SRM IST**  
**Delhi-NCR CAMPUS**  
**Delhi-Meerut**  
**Road, Modinagar,**  
**Ghaziabad-201204 (U.P.)**

Name:.....

Designation:.....

Institution:.....

Category:(Please tick the appropriate one)

PG Student	Academician	Industrialist
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Communication Address:

Mobile:.....

E-mail ID:.....

**PLACE:**

**DATE:**

**SIGNATURE**

**CHIEF PATRON**

**Dr. T. R. PAARIVENDHAR**  
FOUNDER CHANCELLOR  
SRM IST

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**CONVENOR**

**Dr. R. P. MAHAPATRA**  
Head, Department of CSE

**CO-CONVENOR**

**Dr. K. Vikram**  
Associate Professor, Department of CSE  
**Dr. D. K. Jain**  
Associate Professor, Department of CSE

**CO-ORDINATORS**

**Mr. KARTHICK SUBRAMANI**  
Assistant Professor/CSE



*Three Days Faculty Development  
Program on Image Processing*

**13.12.2018 to 15.12.2018**

**ORGANIZED BY**  
**DEPARTMENT OF CSE**  
**SRM IST**

**Delhi-NCR CAMPUS**  
**Delhi-Meerut Road, Modinagar,**  
**Ghaziabad-201204 (U.P.)**

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