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Mrs.R. Manimegalai, Asst. Professor

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Ms. M.P. Subashnai Asst. Professor
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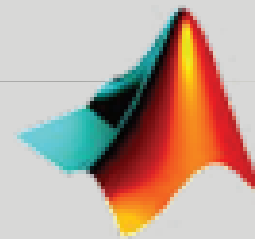


For more details visit:

<http://rathinamcomputerscience.blogspot.in>
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National Level Workshop on MATLAB

NLWMATLAB'17



MATLAB

Organized by

DEPARTMENT OF COMPUTER SCIENCE



**RATHINAM COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)**

(Affiliated to Bharathiar University, Coimbatore, Re-Accredited by NAAC with 'A' Grade and Recognized by UGC under section 2(f) and 12B)

Rathinam Techzone, Pollachi Road, Eachanari,
Coimbatore – 641021, Tamilnadu.

ABOUT THE INSTITUTION

The college preempts what education in the future would be because any learning environment that exists in isolation, divorced from the reality of the world outside the campus is bound to be progressive in every respect. Rathinam College of Arts and Science is a Co-educational Institution was established in year 2001 by the KPM educational Trust, which has 35 years of experience in promoting education in Coimbatore. The college is set in a sprawling 70 acre campus that is a part of the Rathinam Group of Institutions which has Rathinam Technical Campus, Rathinam International Public School and IT Park & Special Economic Zone.

Rathinam College of Arts and Science offer 15 Under Graduate Courses and 6 Post Graduate Courses and research programs. The institution has registered with ICTACT, CSI, CII, YI and NSDC. The advantages that it offers to the students are indeed enormous with project & in-house training and part-time job at the IT Park and SEZ within the campus. Access to professionals, real time experience and better institutional industry interaction is facilitated by its proximity of the SEZ.

ABOUT THE DEPARTMENT

The department was started in 2001 and it has grown excellently in academic and research work. At present, the department offers four undergraduate degree and two postgraduate degree programmes and Research Programme M.Phil and Ph.D. In undergraduate programmes Computer science, Computer Applications, Information Technology and Computer Technology are offered. Under the postgraduate, Computer Science and Information Technology are offered. Department offers an outstanding opportunity for budding professional to polish their skills and outperform their competitors. The department is equipped with state of the art computing and internet facilities (10 Mbps). The department has well experienced faculty members with excellent knowledge in IT. More than 70% of the students have been placed in reputed IT companies through placement cell.

WORKSHOP THEME

Workshop Theme is to aid researchers and programmers with the knowledge on the concept of Matlab. Due to increase in parallelism in computer architecture and development of novel mathematical algorithm, research in many fields in Science and Engineering has started moving from theoretical to computational methods. There is a requirement to employ latest tools, computing facilities and innovative mathematical algorithms to solve complex engineering and science problems in cutting-edge research areas. Also in the areas of difficulties in carrying out direct experiments to understand the underlying basic principles, simulations are needed. Also the non-linearity existing in the system of differential equations related to the solving industrial problems demands special focus on modeling.

Thus the main purpose of this workshop is to get the participants familiar with existing computational tools available to solve complex mathematical elements appearing in their area of research. The workshop will emphasize on the introduction to various topics on MATLAB programming and its practical using tool boxes such as ANN, Fuzzy logic, optimization, data analysis and curve fitting.

TOPICS TO BE COVERED

- Introduction to MATLAB programming
- Technology Understanding Image and Video Analytics
- Fundamentals of Image and Video Processing
- Challenges and Opportunities in the field of Image
- Video Processing

ACCOMMODATION

Accommodation will not be provided by the Organizers. Participants have to make their own accommodation. The participants are expected to bear TA/DA themselves. Assistance will be provided for arranging accommodation in hotels.

REGISTRATION FEE

Academicians	: Rs. 450/-
Research Scholars	: Rs. 400/-
Students	: Rs. 300/-
Delegates from Industries	: Rs. 550/-

IMPORTANT DATES

Last date for Registration : 31st Jan 2017

EVENT DATE

11th Feb 2017

Demand Draft in favour of The Principal, Rathinam College of Arts and Science, payable at Coimbatore.

Chief Patrons

Dr. Madan A. Sendhil,
Chairman, Rathinam Group of Institutions
Mrs. Seema Sendhil, MBA.,
Secretary, Rathinam Group of Institutions.

Patron

Prof. R. Manickam, MCA. M.Phil.,(Ph.D.)
CEO, Rathinam Group of Institutions.
Principal, Rathinam College of Arts and Science.

Organizing Secretary

Dr. R. Muralidharan, M.Sc. M.Phil.,MCA.,Ph.D.
Vice Principal & Head - Computer Science.
Mr. D. Boominath, M.C.A.,(M.Phil)
AO & Asst. Prof. in Computer Science

Convener

Mr.S.Raja , Asst. Professor,
Course coordinator,