

KARPAGAM UNIVERSITY  
KARPAGAM ACADEMY OF HIGHER EDUCATION  
(Deemed to be University Established  
Under Section 3 of UGC Act 1956)  
Coimbatore – 641 021, Tamil Nadu, India.

Department of Mathematics

*One Day National Seminar  
On  
Recent Developments in Pure and  
Applied Mathematics*

**REGISTRATION FORM**

Name :

Faculty /  
Research Scholar/  
Student :

Designation :

Institution :

Address for  
Communication :

e-mail ID :

Mobile No :

Date : Signature of the Candidate

**ORGANIZING COMMITTEE**

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President, Karpagam University

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Vice-Chancellor, Karpagam University

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Karpagam University

**Organising Secretary**

Mr.M.Jeganathan,  
Assistant Professor,  
Department of Mathematics,  
Karpagam University, Coimbatore.  
Mobile: 9944733373

**Coordinators**

Mr.R.Praveen Kumar,  
Assistant Professor,  
Department of Mathematics,  
Karpagam University, Coimbatore.  
Mobile: 8012044884

Ms.M.Jannath Begam,  
Assistant Professor,  
Department of Mathematics,  
Karpagam University, Coimbatore.  
Mobile: 8220809389

**Co-Coordinator**

Dr. K. Kalidass, Assistant Professor  
Ms.A.Neerajah, Assistant Professor  
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Ms. A. Henna Shenofar, Assistant Professor  
Ms. M. Sageetha, Assistant Professor  
Ms. K.Aarthiya, Assistant Professor

Decennium Year 2017-2018

*ONE DAY NATIONAL  
SEMINAR  
ON  
RECENT DEVELOPMENTS  
IN PURE AND  
APPLIED MATHEMATICS*

15<sup>th</sup> September 2017

Organized by

*Department of Mathematics*



**KARPAGAM UNIVERSITY**  
Karpagam Academy of Higher Education  
(Deemed University Under Section 3 of UGC Act 1956)  
Pollachi Main Road, Eachanari (Post),  
Coimbatore – 641 021, Tamil Nadu, India.  
Phone: 0422-6471113, 114, 115 Fax:0422-2611043  
Web: www.kahedu.edu.in

## ABOUT KARPAGAM UNIVERSITY

Karpagam University – Karpagam Academy of Higher Education is located in a sprawling, green, lush campus extending 26 acres. It has emerged from Karpagam Arts & Science College (Autonomous) a unit under the Karpagam Charity Trust established in 1989 founded by the great philanthropist, industrialist and educationist Dr.R.Vasanthakumar with the vision of instilling originality in the learning minds, impart quality and value-based education and engage in Research and Development with the noble objective of creating unique men and women to serve and lead the society.

Karpagam Academy of Higher Education was conferred Deemed to be University status by the Ministry of Human Resource Development in August 2008 under section 3 of the UGC Act 1956. It is a recognized Deemed University by the UGC. It is a member of the Association of Indian Universities. The University has been accredited by the NAAC in 2015. It has been Ranked 90<sup>th</sup> place by NIRF, MHRD and Government of India in 2017.

The University has 4 Faculty - Faculty of Arts, Science and Humanities, Faculty of Engineering, Faculty of Architecture and Faculty of Pharmacy. It has 25 Departments offering a wide range of 78 academic programmes from graduation to doctorate levels. The University has more than 5,000 students on campus, with a strong contingent of more than 350 teaching faculty, well supported by an almost equal number of administrative and support staff. Faculty have got good number of research projects with financial support from various funding agencies like DBT / DST / ICMR and have filed more than 45 patents. As many as 1600 Research papers have been published by our faculty in SCOPUS and Peer Reviewed Journals. The University has entered collaboration with foreign Universities, Industries and Research bodies for mutual benefit. The Institute ensures that education epitomizes excellence in every sphere and students are prepared to take on the challenges of the day and become the next generation leaders.

## ABOUT THE SEMINAR

The seminar will cover topics in both pure and applied mathematics. The resource persons will concentrate on Social network Analysis using Centrality Measures of a Graph and Fluid Dynamic Bifurcations. The topics covered by the resource persons are very useful to both UG and PG students. This will also helpful for the research scholars to identify their research area.

## THE DEPARTMENT

The Department offers full time B.Sc, M.Sc and research programs in Mathematics and Mathematics (CA). The department of Mathematics is committed to import quality education through well qualified and experienced faculty members and promote the growth of effective, efficient, true professionals and fine tune them to the requirements of the challenging corporate world.

## RESOURCE PERSONS

**Dr. K. A. GERMINA**  
School of Mathematical and Physical Sciences  
Department of Mathematics  
Central University of Kerala  
Kerala – 671316. India.

**Dr. S. SARAVANAN**  
Professor and Head  
Department of Mathematics  
Bharathiar University  
Coimbatore – 641046.  
Tamil Nadu, India.



SEMINAR SCHEDULE		
<b>Date</b> : 15.09.2017		
<b>Venue</b> : Thiruvalluvar Hall, F-Block		
TIME	TOPIC	SPEAKER
09.00 – 09.30	<b>Registration</b>	
09.30 – 10.00	<b>Inauguration</b>	
10.00 – 11.00	Social network Analysis using Centrality Measures of a Graph	Dr. K. A. GERMINA
11.00 – 11.15	<b>Tea Break</b>	
11.15 – 13.15	Presentation by the participants on Pure Mathematics	Panel Chaired by Dr. K. A. GERMINA
13.15– 14.00	<b>Lunch Break</b>	
14.00 – 05.00	Fluid Dynamic Bifurcations	Dr.S.SARAVANAN
15.00 – 15.15	<b>Tea Break</b>	
15.15– 17.15	Presentation by the participants on Applied Mathematics	Panel Chaired by Dr.S.SARAVANAN
17.15– 17.30	<b>Valediction</b>	

## REGISTRATION

Students : Rs.200  
Research Scholars : Rs.300  
Faculty : Rs.350

Last date for Registration : **12.09.2017**

For registration contact the organizing secretary and coordinators in their Mobile numbers:

Mr.M.Jeganathan - 9944733373  
Mr. R. Praveen Kumar - 8012044884  
Ms.M.Jannath Begam - 8220809389  
(or)

Send the scanned copy of the filled registration from to the mail id: **kumaths22@gmail.com**

## For Spot Registration

To confirm your spot registration you can call the Oorganizing Secretary or Coordinators on or before 14.09.2017.