### **Profile of the Mathematics Department**

The Department was one of the first four departments started in erstwhile Post Graduate centre, Warangal, of Osmania University in 1967. The centre was upgraded into Kakatiya University in the year 1976. Subsequently, Mathematics Department became a full-fledged one. The Department was recognized by DST under Fund for Infrastructure in Science & Technology (FIST) Scheme in 2015. The Department is offering M.Sc. and Ph.D. programme in Mathematics enveloping Pure Mathematics, Applied Mathematics, Statistics, and Computer Science. The Faculty is engaged in research in the domains of Complex Analysis, Algebra, Mechanics of Solids, Bone Mechanics, Reliability, Numerical Analysis, Internet Traffic Modelling, and Performance Evaluation of Internet Router. The Department has been striving hard towards promotion of inter disciplinary concepts amongst students and researchers of various departments. The Department has been supporting about 10 departments/colleges in the campus on teaching front.

#### **Objective of the Programme**

The Programme is aimed at exposing the teaching faculty to the foundations of Analysis which will be useful in understanding various abstract concepts.

#### **Chief Patron**

Dr. B. Janardhan Reddy, IAS Hon'ble Vice Chancellor, KU Patron

Prof. K. Purushotham Registrar, KU Resource Persons

Prof. K. Raj Reddy

Prof. P. Malla Reddy

Dr. L. P. Raj Kumar

Dr. K. Somaiah

Dr. R. Bharavi Sharma

Dr. B. S. L. Soujanya G

**Guests of Honor** 

Prof A. Rajendra Prasad Dean, Faculty of Sciences, KU Prof. K. David, Principal, KUC, KU Prof. M. Sarangapani, CO, UGC, KU Coordinators

Dr. K. Somaiah

Dr. R. Bharavi Sharma

**Co-Coordinators** 

Dr. T. Sumathi Uma Maheswari

Dr. M. Tirumala Devi

Convener

Dr. L. P. Raj Kumar

## No Registration Fee

### **Registration Link**

https://docs.google.com/forms/d/e/1FAIpQLSfq4kdX2A <u>PkRNcDds81Bn7X3fN8a-</u> LOch2lfz2J4V\_DDSJYUg/viewform?usp=sf\_link

Registrations will be closed by 5:00PM on 03-09-2020.

Shortlisted participants will be informed through email. Day's Webinar links will be shared on the previous day.

Daily Lecture Timings: 5:00PM - 6:30PM

E-Certificate will be issued to all the active participants.



One Week
(Online)
Faculty Development Program
on
Real Analysis
5th - 10th September, 2020

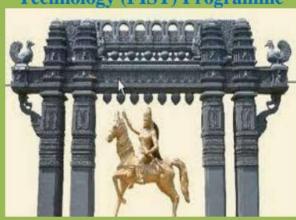
Organized by
Department of Mathematics
Kakatiya University
Warangal, Telangana – 506009

Recognized

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Department of Science and Technology (DST ) under Fund for Infrastructure in Science &

**Technology (FIST) Programme** 



## One Week (Online) Faculty Development Program

on

# **Real Analysis**

5th - 10th September, 2020

Organized by

# Department of Mathematics, Kakatiya University, Warangal - 506 009

Department of transfer years of the control of the		
Day 1	Day 2	Day 3
5:00PM - 6:30PM	5:00PM - 6:30PM	5:00PM - 6:30PM
Dr. R. Bharavi Sharma Asst. Professor of Mathematics Department of Mathematics	Dr. K. Somaiah  Asst. Professor of Mathematics  Chairman, BoS, Department of Mathematics	Dr. L. P. Raj Kumar  Asst. Professor of Mathematics  Head, Department of Mathematics
Kakatiya University	Kakatiya University	Kakatiya University
Topic Introduction to Real Analysis	Topic Sequences - Limit Infimum and Limit Supremum	Topic Continuity of Functions
Day 4	Day 5	Day 6
5:00PM - 6:30PM	5:00PM - 6:30PM	5:00PM - 6:30PM
Dr. P. Malla Reddy Professor of Mathematics Principal, University College of Engineering EC Member, Kakatiya University	Dr. B. S. L. Soujanya G  Asst. Professor of Mathematics In-Charge, Department of Mathematics, U.A.Sc. Kakatiya University	Prof. S. Raj Reddy Retd. Professor of Mathematics Department of Mathematics Kakatiya University
Topic Differentiability and Mean Value Theorems	Topic L Hospital Rules and Taylor's Theorem	Topic Riemann Integrals
Dr. L. P. Raj Kumar	Dr. K. Somaiah	Dr. R. Bhravi Sharma
Convener	Coordinator	Coordinator

Registration Link: https://docs.google.com/forms/d/e/1FAIpQLSfq4kdX2APkRNcDds81Bn7X3fN8a-LOch2lfz2J4V\_DDSJYUg/viewform?usp=sf\_link