



# Central University of Jammu

(Established by an act of Parliament of India 2009)

## Department of Mathematics

*Organizing*

# Workshop in Computational Mathematics on SageMath - An Open Source Mathematics Software

**Venue : Department of Mathematics, Central University of Jammu  
Temporary Academic Block, Sainik Colony, Jammu**

**March 25-26, 2016**

### **About the University**

The Central University of Jammu has been established by the Central Universities act 2009 (Act No 25 of 2009) read with the Central Universities (Amendment) Act, 2009. However, The Central University of Jammu actually came into being on 08 August 2011. Presently the university is having thirteen departments functioning. The Central University of Jammu aspires to be one of India's leading University offering innovative, responsive and high quality educational opportunities at the under graduate, post-graduate and doctoral level. We aim to enable individuals to realize and develop to the fullest, their physical and intellectual potentialities; promote social and human values; to facilitate pursuit of knowledge and academic excellence.

### **About the Workshop**

The aim of the Workshop is to introduce the participants and researchers working in Mathematical Sciences to SageMath and how to use SageMath in teaching and research.

### **About SageMath**

SageMath is a free open-source Mathematics Software system licensed under the GPL. It builds on top of many existing open source

packages: NumPy, SciPy, matplotlib, Sympy, Maxima, GAP, FLINT, R and many more. The aim of SageMath is to create a viable free open source alternative to Magma, Maple, Mathematica and Matlab.

### **Who can apply**

Final year B.Sc. students / PG students/  
Research Scholars/Early career faculty members

### **Application Procedure**

Application Form and other information are available on the website : <http://www.cujammu.ac.in> Application may also be made on a plain paper, giving the following information: Name, Date of Birth, Age, Gender, College/University/ Institute where enrolled, Full address of correspondence, e-mail address duly attested by the Principal/Head/Regular Faculty of your college/department and send a scan copy at : [pavinders@gmail.com](mailto:pavinders@gmail.com) [cujmathdeptt@gmail.com](mailto:cujmathdeptt@gmail.com)

### **Registration Fee**

UG/PG Students : Rs. 100/-  
Research Scholars : Rs. 200/-  
Faculty members : Rs. 500/-

#### **Patron**

Prof. Ashok Aima  
Vice Chancellor,  
Central University of Jammu

#### **Resource Persons**

Prof. Kapil Hari Paranjape, IISER Mohali  
Dr. Chanchal Kumar, IISER Mohali  
Ms. Manjusha Joshi, Lead Data Scientist  
at Banctec, Pune

#### **Organizing Committee**

Prof. S.D. Sharma (Convener)  
Dr. Pavinder Singh (Organizing Secretary)  
Dr. Deep Singh  
Dr. Kamlesh Kumar  
Dr. Sanjay Kumar

### **Important Dates**

Application available on the website	: 11 <sup>th</sup> March, 2016
Deadline for receiving completed application form	: 21 <sup>st</sup> March, 2016
List of selected candidates on the website	: 23 <sup>rd</sup> March, 2016