



**LOYOLA COLLEGE (AUTONOMOUS),**

**CHENNAI-600034**

**DEPARTMENT OF PHYSICS**

**ONLINE FACULTY DEVELOPMENT  
PROGRAM ON**

**ACTIVE LEARNING AND ADVANCED  
SCIENTIFIC COMPUTING METHODS  
(ALASCM)**

**(15-06-2020 TO 19-06-2020)**

REGISTER HERE  
[shorturl.at/pqsIZ](https://shorturl.at/pqsIZ)



**CONVENERS**

**DR.A.STANLEY RAJ**

**PROF. C. JOSEPH PRABAGAR**

**ORGANISING SECRETARY**

**DR. J.P.ANGELENA**

**(COORDINATOR-SHIFT II)**

# Sessions and Resource Persons

## Session 1

**Topic: Active Learning Methods**

**15-06-2020 (11.00am-12.00 pm)**

**Dr. J.Viswanath,**

*Associate Professor,  
Department of Mathematics,  
Vel Tech Rangarajan Dr. Sagunthala Institute of  
science and Technology, Chennai*

## Session 2

**Topic: Teaching methods and Brainstorming sessions**

**16-06-2020 (11.00am-12.00 pm)**

**Dr. J.Viswanath,**

*Associate Professor,  
Department of Mathematics,  
Vel Tech Rangarajan Dr. Sagunthala Institute of  
science and Technology, Chennai*

## Session 3

**Topic: Basic Operations in computer and importance of  
scientific computing**

**17-06-2020 (11.00am-12.00 pm)**

**Dr. M. Chrisphin Karthick,**

*Scientist " C ", Public Outreach Chair,  
Indian Institute of Astrophysics Koramangala.Bengaluru 560 034, INDIA,*

## Session 4

**Topic: Scientific computing using MATLAB**

**18-06-2020 (11.00am-12.00 pm)**

**Dr. J. Mary Linet**

*Assistant Professor,  
Department of Physics  
Loyola College, Chennai*

## Session 5

**Topic: Chaos in dynamical systems**

**19-06-2020 (11.00am-12.00 pm)**

**Prof. G. Siva Ganesh**

*Assistant Professor,  
Alagappa Chettiar College of Engineering and Technology,  
Karaikudi, Tamil Nadu, India*

## **Blessings**

**Rev. Dr. Francis P Xavier SJ**

*Rector*

**Rev. Dr. D. Selvanayakam SJ**

*Secretary and Correspondent*

**Rev. Dr. A. Thomas SJ**

*Principal*

## **Felicitation**

**Dr. Melchias Gabriel**

*Deputy Principal*

**Head of the Department**

**Dr. S. Jerome Das**

**Organizing secretary**

**Dr. J. P. Angelena**

## **Convenors**

**Dr. A. Stanley Raj**

**Prof. Joseph Prabagar**

## **Contact details**

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