

## Department of mechanical Engineering

Details of Guest Lecture conducted in the Department of Mechanical Engineering from 2014-16.

| Academic Year | Target Audience                      | Date of Lecture | Name of the faculty coordinator | Details of the Resource Person with Designation          | Place of Work   | Topic of the Lecture  |
|---------------|--------------------------------------|-----------------|---------------------------------|--|---|---|
| 2014-15       | 3/4 & 4/4 Mech-I &II Auto. Engg      | 28-10-2014      | Dr. J. Kandasamy                | Mr. Jagadisan Krishnamoorthy Scientist-G                 | RCI, Hyderabad  | Design of Mechanical Systems for Aerospace Applications   |
|               | 3/4 & 4/4 Mech-I &II Auto. Engg      | 09-01-2015      | Dr. J. Kandasamy                | Dr. Amritam Rajagopal, "Assistant Professor"             | CED, IITH, Hyderabad  | Moving beyond Finite elements towards meshless Isogeometric approaches  |
| 2015-16       | 3/4 & 4/4 Mech-I &II Auto. Engg      | 30-07-2015      | Dr. J. Kandasamy                | Mr. A. Ashwini Kumar "Associate Professor"               | ITD, MVSREC, Hyderabad  | Design and Visualization  |
|               | 3/4 & 4/4 Mech-I &II Auto. Engg      | 22-09-2015      | Dr. J. Kandasamy                | Dr. G. Padmanabham "Associate Director"                  | ARCI, Hyderabad   | Automotive Applications of Laser Materials Processing   |
|               | 3/4 & 4/4 Mech-I &II                 | 20-01-2016      | Dr. J. Kandasamy                | Dr. Amritam Rajagopal, "Assistant Professor"             | CED, IITH, Hyderabad  | Computational Inelasticity, Finite Element and Mesh free methods, Multiscale Modelling, Damage and Fracture Mechanics |
| 2016-17       | 3/4 & 4/4 Mech-I &II                 | 19-10-2016      | Dr. J. Kandasamy                | Mr.R.Santhanam "Scientist-E"                             | DRDL, Hyderabad   | Design, Analysis and Testing of Flight Structures- An overview  |
|               | 3/4 & 4/4 Mech-I &II                 | 22-02-2017      | A.Syam Prasad                   | Dr. Hari Shyam Sunder Simha "Senior Principal Scientist" | Design and Engineering Department, CSIR-IICT, Hyderabad               | Pressure vessel Design and Process Plant Engineering  |
| 2017-18       | 3/4 & 4/4 Mech-I &II                 | 18-09-2017      | A.Syam Prasad                   | Sri Ashok Ponram "Scientist-E"                           | DRDL, Hyderabad   | Advances in Metrology and Instrumentation   |
|               | Faculty of ME, Chemistry and Physics | 29-12-2017      | A.Syam Prasad                   | K.P.Prushottam "Scientist/Researcher"                    | National Institute of standards and Technology, Gaithersburg, MD, USA | Tools and Techniques in Nano-metrology  |