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|  | **Nagarjuna College of Engineering & Technology**  **(An Autonomous college under VTU)**  **Department of Mechanical Engineering** |

**Faculty Development Programme**

**Course :** Manufacturing Process Laboratory

**Course Code :** 15MEL37

**Venue :** Manufacturing Process lab (Foundry Lab)

**Date :** 30th June and 1stJuly 2016.

**Introduction :** Dr.N.Kapilan, HOD (Dept of Mechanical Engg ) gave the introduction to Faculty Development Programme and highlighted the need and importance of the FDP. Both teaching and non-teaching staff of the department have attended this FDP.

**Dr N Kapilan, HOD, Mechanical Engg :**

 

**Experiment : 1)Clay Content Test & 2) Permeability Test**

**Faculty : V A Kulkarni**

 

**Clay Content Test Permeability Test**

**3)Experiment :Sieve Shaker Test**

**Faculty : G.D Mohan Kumar**

 

**Sieve Shaker Test**

**4)Experiment : Green Compression Strength & 5) Shear Strength**

**Faculty : Bandoli Siddeshwar Iresh**

 

**Green Compression Strength Shear Strength**

**6) Experiment : Foundry Practice**

**Faculty : V A Kulkarni**

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**Foundry Practice**

**6)Welding Practice**

**Faculty : L J Naik**  

**Welding Practice**

**Power Point Presentation of Experiments by Faculties**

**Demonstration of Welding Joining Process** **Demonstration of Permeability Test**

**Faculty : L J Naik** **Faculty : V A Kulkarni**

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**Foundry Sand Strength**

**Faculty : Bandoli Siddeshwar Iresh**

 

**Grain Fineness Test , Sieve Analysis of Sand**

**Faculty : G.D Mohan Kumar**

 

**Preparation of Mould using Split Pattern 3D Printing**

**Faculty : Vinod Kumar R Faculty : Anand Babu K**

 

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