



Late Shri. Vishnu Waman Thakur Charitable Trust's

## **VIVA Institute of Technology**

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### **Department of Mechanical Engineering**

<b>Two Days Workshop:</b>	GMAW-FCAW(MIG) & GTAW (TIG)
<b>Name of the Guest Speaker:</b>	Mr. R.A. Dewoolkar
<b>Designation:</b>	Trainer
<b>Organization/Institution:</b>	Association of Welding Products Manufacturers (AWPM)
<b>Date:</b>	01 & 02 March 2019
<b>Time:</b>	9.00 am Onwards

### **Programme Summary/Details:**

The Department of Mechanical Engineering organized a two-day workshop on GMAW-FCAW (MIG) and GTAW (TIG) welding techniques for both students and faculty members. The workshop aimed to enhance participants' knowledge and skills in these popular welding methods. The first day of the workshop focused on Gas Metal Arc Welding (GMAW) and Flux-Cored Arc Welding (FCAW), commonly known as MIG welding. Participants were introduced to the principles and applications of GMAW-FCAW, including welding equipment setup, safety procedures, and welding parameters. Hands-on training sessions allowed participants to practice welding techniques under the guidance of experienced instructors. On the second day, the workshop covered Gas Tungsten Arc Welding (GTAW), also known as TIG welding. Participants learned about the fundamentals of GTAW, including tungsten electrode selection, shielding gases, and proper torch handling techniques. They also gained practical experience through hands-on sessions, enabling them to develop their TIG welding skills. The workshop provided an opportunity for both students and faculty members to learn and improve their proficiency in GMAW-FCAW and GTAW welding techniques. It equipped participants with essential knowledge of welding processes widely used in various industries. The hands-on training sessions allowed them to gain practical experience and enhance their welding capabilities.

### **Photos:**

