

## **Report on One Day State-Level Workshop on “Research Methodology in Chemistry”**

Department of Chemistry, Tara Government College, Sangareddy (A) in Tara Government College, Sangareddy (A) has conducted the One Day State-level Workshop on “**Research Methodology in Chemistry**” on **02.11.2022**. **Dr. Eeshwaraiah.B**, Assistant Professor & DST-Inspire Faculty, Centre for Applied Chemistry, School of Material Sciences, **Central University of Gujarat, Gandhinagar** was acted as resource person for the Programme. The Programme mainly focused on Recent developments of Chemistry and its allied sciences with respect Research and Development. Around **125** Students and Faculty members have participated in the Programme.

### **About the Resource person:**



**Dr. Eeshwaraiah Begarihas** has 15 years of Research and Teaching experience. He has actively engaged in quality research programs in **Colorado State University**, Fort Collins, USA and **Illinois Wesleyan University**, Bloomington, USA with eminent researchers like Prof. J L Wood, Prof. Michio Kurosu and Prof. Ram Mohan. He received **INSPIRE Faculty Fellowship Award-2012** (Session-I) under AORC Scheme of DST (Chemistry) for his outstanding performance in the field. He has published **28 research papers** in reputed International Peer reviewed journals and **17 patents** for extraordinary inventions. He is one of the proud alumni of Department of Chemistry, Tara Government College, Sangareddy(A). Currently he is working as Assistant Professor of Chemistry at Central University of Gujarat, Gandhinagar, Gujarat, India.

**Convener of the Workshop:** **Dr.K.Abhijit**, Head, *Department of Chemistry, Tara Government College, Sangareddy (A)*.

## Key points Discussed in the Workshop:

The program focussed on recent trends in research in chemistry and allied sciences. The resource person enlightened the advance synthetic strategies used in drug development using novel synthetic reagents and solvent free synthesis. He has also explained the contemporary significance of Green Chemistry in organic synthesis. The lecture also focused on advances in analytical techniques in drug discovery and design like chiral chromatography, HPLC,  $C^{13}$ ,  $H^1$ ,  $F^{19}$  NMR and cyclic voltammetry. The lecture also spotlighted on research ethics. **Dr.Eeshwaraiah** also explained about the career opportunities in Pharmaceutical chemistry and analytical chemistry.





**Feed-Back Analysis:**

