



**VISHWKARMA GOVERNMENT ENGINEERING COLLEGE,
CHANDKHEDA
CHEMICAL ENGINEERING DEPARTMENT**

**Brief Report on Workshop to Application of Computational Softwares in
Chemical Engineering under CheA**

Name of Department/Organizer	:	Chemical Engineering Department
Date & Time	:	31/08/19
Venue	:	<u>H-202, Computational Chemical Engineering Lab, Vishwkarma Government Engineering College, Chandkheda</u>
No of Participants	:	25 Students

About the event:

Chemical Engineering Department organised a one day workshop on "Application of Computational Softwares in Chemical Engineering" on 31st August, 2019 (Saturday). Entry was limited to 25 students on first come first serve basis. The workshop was focused on basic uses and applications of Matlab and Microsoft Excel. Workshop started at 11 AM in the morning. First part was basic introductory knowledge of Matlab software. A pdf was given to all the students in which many software commands of Matlab and a few real life industrial problems which can be solved using Matlab were listed and we had to apply them on our computers and an expert was constantly giving proper guidelines and information needed to get the things going. At 2 PM Matlab workshop ended. From 3 PM to 5 PM workshop on Microsoft Excel was arranged. There in-depth knowledge of Microsoft Excel were provided. It was very fascinating to know that a simple software which we use regularly for many calculations can be used for solving quite complex chemical engineering problems. The expert showed us many real life examples which can be solved using Excel. And at the end he gave us some problems to solve ourselves and was giving directions to solve them. Both the sessions were very interacting and a lot of knowledge was gained in only one day. It was a well organised workshop by chemical department which turned out to be a major learning foundation for all the students who attended the workshop.





