

Chemical Engineering Workshop on ASPEN PLUS in Association with AMX-Automotive during 28<sup>th</sup>-29<sup>th</sup> Jan 2020.



Department of Chemical Engineering, RGUKT Basar organized a workshop during **28<sup>th</sup>-29<sup>th</sup> January 2020** as a part of the technical festival **Antahpragnya 2020** in association with AMZ automotives.

**AMZ Automotive** is a pioneer in the field of providing practicality to the theoretical knowledge acquired by the engineers in the field of chemical, mechanical and aerospace engineering. AMZ offers workshops to the students to implement their subject knowledge in the real world situations.

**Aspen Plus** is a leading process simulator in the field of chemical engineering. Aspen plus software allow the users to build a process model and then simulate it using the complex calculations (models, equations, math calculations, regressions etc.). Chemical engineers will typically simulate processes using this software in order to optimize the design and improve existing ones.

The main objective of this workshop is to get an insight on this software for the undergraduate students of chemical engineering. Dr. Ratnadip Joshi, key note speaker of the event who's profile is attached with this document.

#### **Brief about Dr. Ratnadip R Joshi**

Dr. Ratnadip R Joshi has a wide experience of 14 years of Research, 2 years in industry and around 9 years of consultancy. He is engaged in Research and Development activities through funded research projects and consultancy assignments from Industry. His multidisciplinary facet is seen through his work in the areas of Process and Product development using principles of Chemical Engineering. His diversified work includes working in the arena of Chemical, Petrochemical, Petroleum, Polymer, Paints etc. He covers Upstream, midstream and downstream areas having his vested interest in Oil and Gas sector. Applications of advanced modular simulators as Aspen Plus, HYSYS, Honeywell's UniSim in process design is his area of expertise. He is quite comfortable with process plant simulations in steady as well as dynamic states, where real time operations are involved.

Dr Ratnadip R Joshi is handling various responsibilities in the Institute as being the Associate Dean of Quality Assurance and NBA Chief Coordinator, which assures for Outcomes Based Education and efficient teaching learning process. He is the key person in signing MoUs with many companies for research, training and recruitment purposes. Honeywell is one such example. This 160 hrs training based module covers all the aspects of process design and Dr Ratnadip R Joshi works as a Principal Trainer for the same. He has delivered more than 110 expert sessions at professional trainings, guest sessions, invited talks, plenary sessions in international and national conferences.





