

# Report on Faculty Development Program on “Applications of CFD in Chemical Engineering” 24<sup>th</sup> & 25<sup>th</sup> August 2015

---

The Faculty Development Program was started with an Inauguration around 10.00am. Our very own Principal **Dr.R.S.Jahagirdar** invited as Chief Guest. **Mr.Karthik Sundarrajan**, **Mr.Srijit Jacob** and **Mr.Pravain Manorkar** from ARK Infosolutions Pvt. Ltd. Mumbai, were the Speakers and Guest of Honors. The Inauguration started with a Pooja of portrait of Padmashree Dr.Vitthalrao Vikhe Patil, founder father of Pravara Rural Education Society, Loni, followed by a welcome speech by Dr.R.W.Gaikwad-Head Chemical Engineering.

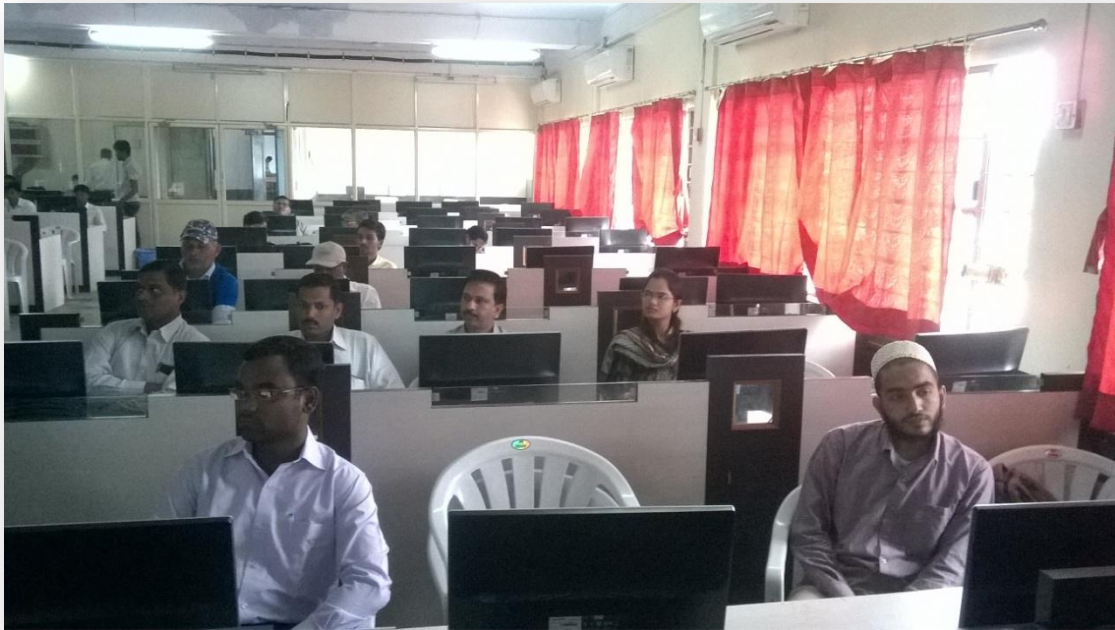
Dr.R.W.Gaikwad-Coordinator of program explained the advantages of arranging faculty development program. Vis-a-vies interaction with industries and academics. He advised all faculties, P.G students of Chemical Engineering Dept to attend all session to equip them with sufficient knowledge in emerging trend of CFD. He specially thanked Mr.Karthik Sundarrajan, Mr.Srijit Jacob and Mr.Pravain Manorkar from ARK Infosolutions Pvt. Ltd. Mumbai ,for extending their help and guidance in conducting the program. He specially thanked all the dignitaries for taking their time off and delivers the lecture for benefits of all faculties of Chemical Engineering from different colleges.

Chief Guests and the Guest of Honors were felicitated with a small bouquet. Then Principal, Dr. R.S.Jahagirdar shared his knowledge with the audience about the use of computational Fluid Dynamics. After this Mr. Karthik Sundarrajan talked about the Program and its use to the Faculties and Participants.



After the Inauguration, Mr.Karthik Sundarrajan took a session on Applications of CFD. During the Session, he talked about the basic concepts on CFD. He gave a few case studies on it . With his very own style, he took the audience into the concept that he wanted to convey. His presentation was very unique and was down to the core. His session ended around 11.45 am and the participants were given tea break.

The Next session was on ***Introduction to Ansys Meshing ,Workshop on Mixing Tee, Meshing Methods***, after this session participants were given a Lunch Break. The next session was ***Hands on Training on CFD***. With this session the **Day 1** of this Faculty Development Program ended.



On Day 2, the First Session starts at 9.00 am. Mr.Karthik Sundarrajan gave an lecture on CFD Methodology. He also briefed about Cell zone Boundary conditions, Solver Settings, Heat Transfer. During this session a Tea break was taken.



**The Second** Session starts at 1.30 pm after the lunch. A hands on training was conducted for the participants on Reacting Flows or Multiphase, and Workshop on Selective Catalytic reduction.

After the conclusion of the session, the participants received their participation certificates from **Dr.K.B.Ladhane Vice Principal** of the college.



The Vote of thanks was delivered by **Prof.S.B.Magar** to conclude the two day program. The Faculty Development Program on “Applications of CFD in Chemical Engineering” was conducted successfully. The participants appreciated the 2-day program for both the level of the program as well as the hospitality of the Department of Chemical Engineering, Pravara Rural Engineering College, Loni.

**Dr.R.W.Gaikwad**  
Coordinator & Head of the Department

#### List of the Participants

SN	Name of Participant	Place
1	Prof.S.H.Amalay	JDIET Yavatmal
2	Prof.P.R.Chavan	JDIET Yavatmal
3	Dr.Dharmendra Kothari	COET Akola
4	Dr.Tej Pratap Singh	BIET Jhansi
5	Prof.R.D.Pawar	SGGS IE & T Nanded

6	Prof.Niraj Sikwal	SGGS IE & T Nanded
7	Prof.P.B.Thorat	SCOE Pune
8	Prof.Meera Nagre	Datta Meghe COE Mumbai
9	Prof.Y.A.Landge	Finolex Academy of Mgmt & Tech Ratnagiri
10	Prof.Nitin Kanse	Finolex Academy of Mgmt & Tech Ratnagiri
11	Prof.R.D.Patil	SVIT Chincholi
12	Prof.B.L.Pangarkar	SVIT Chincholi
13	Prof.S.B.Parjane	SVIT Chincholi
14	Prof.S.N.Derle	KKWIEE & R Nashik
15	Prof.A.G.Kharde	AIETP Ashoknagar, Shrirampur
16	Mr.A.V.Kadle	Udyog Bhavan Kolhapur
17	Prof.A.M.Patare	AIETP Ashoknagar, Shrirampur
18	Mr.P Tiwari	Gayatri Industries Amravati
19	Mr.Siddharth Pawar	Islampur Sangli
20	Mr.Swanand Kalambe	Mahatma Gandhi Institute of Rural Industrialization Wardha
21	Mr.M.Merchant	KKWIEE & R Nashik
22	Mr.M. Patidar	KKWIEE & R Nashik