REGISTRATION FORM

Name:

Designation:

Organization:

Address for Correspondence:

Phone Number:

e-mail id:

Details of Registration fee paid

DD No/Cheque/Cash:

(D.D/ Cheque should be in favor of Principal, ANITS, payable at Visakhapatnam)

Date :

Bank:

Signature of Participant

Chief Patron
Sri V. Thapovardhan
Secretary & Correspondent, ANITS

Patron
Prof. V. S. R. K. Prasad
Principal, ANITS

Convener
Prof. S. Subba Rao
Head, Dept. of Chemical Engineering & Biotechnology

Organizing Committee
Prof. G. Hanumantha Rao, Ph.D.
Prof. V. Sridevi, Ph.D.
Dr. K. Nirupama, Ph.D. (USA)
Dr. P. Mary Anupama, Ph.D.
Dr. M. Shiva Naresh, Ph.D. (IISc)
Mr. D. Guru Mahesh, M.Phil.
Mr. Ch. Anil, M.E.
Mr. Ch. Chaman Mehta, M.Tech.
Ms. Vanita Yadav, M.Sc.
Ms. S. Harika, M.Tech.

NATIONAL WORKSHOP
ON
APPLICATION OF
COMPUTATIONAL TECHNIQUES
IN CHEMICAL AND
BIOCHEMICAL ENGINEERING
24 – 25, Feb, 2015

Organized by

Department of Chemical Engineering & Biotechnology
Anil Neerukonda Institute of Technology And Sciences
Sangivalasa - 531162
Visakhapatnam Dist, A.P.
ABOUT THE COLLEGE

Anil Neerukonda Institute of Technology and Sciences, (ANITS), Visakhapatnam was established in 2001 by Anil Neerukonda Educational Society (ANES). ANES works to promote technical, and other educational institutions without any motive for profit. ANITS is located in a plot of 12 acres in Sangivalasa village of Bheemunipatnam mandal nearer to beautiful city of Visakhapatnam. From its inception, ANITS has strived to train young men and women into confident and competent engineers. The college is accredited by NAAC, NBA and UGC. The college was awarded “Center of Excellence” by Infosys Technologies in the year 2011 and “National Employability” in 2014 by Aspiring Minds, New Delhi. The college offers undergraduate and post graduate programs in various disciplines of engineering such as CSE, IT, EEE, ECE, Mechanical, Civil and Chemical Engineering. With a unique team of governing body, inspiring management, and proficient educators, ANITS continues to march forward with greater zeal and dedication to construct a world class educational institute.

ABOUT THE DEPARTMENT

The Department of Biotechnology was started at ANITS in the year 2002 and subsequently Chemical Engineering was added in the year 2012. The Department of Chemical Engineering and Biotechnology at ANITS boasts of a very efficient team of faculty. The faculty participates actively in state of the art research and continuously thrives to update knowledge and skills. The same is imparted to the students in class rooms by conducting workshops, seminars and conferences to craft the next generation of engineers.

The department is well equipped with Chemical Engineering and Biotechnology laboratories. Modern teaching methodologies are constantly implemented to foster an improved classroom environment. Team work among students is encouraged to inculcate positive work habits and passion to work wisely, creatively and effectively.

ABOUT THE WORKSHOP

Production of desired product on a pilot scale and determining the optimum conditions is time consuming and economic burden for the industry. To reduce the time and cost, Chemical engineers use process modeling and simulation tool either by analytical modeling or by readily available software packages to model the process virtually. Process modeling requires knowledge of the properties of the chemicals involved in the simulation, as well as the physical properties and characteristics of the components of the system, such as pumps, reactors, separators and pressure vessels. This workshop aims at providing an insight to use process modeling and simulation in industries.

The workshop is designed to have ‘hands on practical session’ using different software packages conducted by the professionals. The workshop is also designed to have a glimpse of modeling of interaction of viruses (HIV) with human cells using Biochemical Engineering concepts and computational techniques.

Introduction on basic simulation topics, key elements of successful simulation and application of related concepts will be provided in detail along with course material.

Participants are requested to fill the registration form and mail it to actcfb2015@gmail.com and can pay the fees on or before 24th Feb

REGISTRATION FEES

<table>
<thead>
<tr>
<th>DELEGATES FROM INDUSTRY</th>
<th>Rs. 1000</th>
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<tbody>
<tr>
<td>FACULTY</td>
<td>Rs. 500</td>
</tr>
<tr>
<td>RESEARCH SCHOLARS &amp; STUDENTS</td>
<td>Rs. 400</td>
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PROGRAM SCHEDULE

<table>
<thead>
<tr>
<th>DAY 1: 24-2-2015 (TUESDAY)</th>
<th></th>
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<tbody>
<tr>
<td>10.00 AM</td>
<td>INAUGURATION</td>
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<tr>
<td>11.30 AM</td>
<td>KEY NOTE ADDRESS</td>
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<td>02.00 PM</td>
<td>SESSION I (Process Optimization and Simulation - I)</td>
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<tr>
<th>DAY 2: 25-2-2015 (WEDNESDAY)</th>
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<tbody>
<tr>
<td>09.30 AM</td>
<td>SESSION II (Process Optimization and Simulation - II)</td>
</tr>
<tr>
<td>01.30 PM</td>
<td>SESSION III (Computations in Biochemical Engineering)</td>
</tr>
<tr>
<td>03.30 PM</td>
<td>VALEDICTORY</td>
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</tbody>
</table>

ADDRESS FOR CORRESPONDENCE

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