

SRI VENKATESWARA COLLEGE OF ENGINEERING



DEPARTMENT OF CHEMICAL ENGINEERING

Pennalur, Sriperumbudur Tk. – 602117



IChE – SVCE STUDENTS CHAPTER

In association with

ASSOCIATION OF CHEMICAL TECHNOLOGISTS

Cordially solicit your esteemed presence for the Inaugural function of
Two days National level seminar

On

**SOFTWARE PACKAGES FOR DYNAMIC MODELING AND
DISTRIBUTED CONTROL SYSTEM**

In honour of being adjudged the

“PIDILITE IChE - BEST STUDENT CHAPTER AWARD-2017”

from the Indian Institute of Chemical Engineers during 2017

Prof. S. PUSHPAVANAM, Ph.D.

Professor and Former HOD

Department of Chemical Engineering

Indian Institute of Technology Madras

Chennai

Will preside over & Address the gathering

Venue : Central Library seminar Hall

Date : 16th & 17th March, 2018

ALL ARE WELCOME!!!

DEPARTMENT OF CHEMICAL ENGINEERING

17th March, 2018

REPORT

On

Two Days National Level Seminar on **Software Packages for Dynamic Modeling and Distributed Control System**

The Department of Chemical Engineering, Sri Venkateswara College of Engineering organized a Two Days National Level Seminar on “Software Packages for Dynamic Modeling and Distributed Control System”, during March 16th & 17th 2018, in honor of being adjudged “PIDILITE IChE - BEST STUDENT CHAPTER AWARD-2017” for the 10th time by the Indian Institute of Chemical Engineers, Kolkata.

The objective of the program is to highlight the recent trends in the field of Process dynamic and Distributed Control System around the globe in order to improve the understanding of the same among the researchers in and around various institutions/organizations in India. The seminar is targeted to update the technological advancements made globally in the areas of dynamic modeling and control of Chemical processes.

46 participants had registered and participated in this two days national seminar (both students and faculty members). They are from nearby colleges in Chennai which include St. Joseph’s College of Engineering, OMR, Chennai, Alagappa College of Technology, Anna University, Chennai, etc.,. In addition to these, our students and faculty members had registered and participated in this two days national level seminar.

The seminar was inaugurated by Prof. S. Pushpavanam, Professor, Dept. of Chemical Engineering, Indian Institute of Technology Madras, and delivered the inaugural address. Valedictory address was delivered by Dr. K. R. Santha, Vice Principal, SVCE and distributed the certificates to the participants. The detailed technical programme schedule is tabulated below. Six invited lectures were given by senior academicians and industrial experts on the current challenges in industries and innovations in the area of control system. Based on the feedback received from the participants, we trust that the two days seminar provided them a forum to exchange ideas with experts drawn from diverse fields.

Technical Programme

DAY – I (16.03.2019, Friday)

| Session | Time | Speaker Name and Address | Title of the talk |
|----------------------------|------------------------|---|--|
| Inauguration | 8.45 am to 9.30 am | Prof. S. Pushpavanam Professor, Dept. of Chemical Engineering Indian Institute of Technology Madras, Guindy, Chennai. | Inaugural Address |
| Guest lecture - I | 9.30 am – 10.45 am | | Dynamic Modeling in Chemical Engineering: From Syngas to Ants |
| Tea Break | 10.45 am – 11.00 am | | |
| Guest Lecture - II | 11.00 am – 12.30 pm | Dr. M. Guruprasath Managing Partner Smarta Opti Solutions Ltd. Selaiyur, Chennai. | Latest trends in optimization of process industries through automation |
| Lunch Break | 12.30 am – 1.15 pm | | |
| Guest Lecture - III | 1.15 pm – 3.00 pm | Mr. Vinay Raj Senior technical trainer Yokogawa India Limited, Bangaluru | Automation of Chemical process industries using Distributed Control System(DCS) |

DAY – II (17.03.2019, Saturday)

| | | | |
|---------------------------|------------------------|--|--|
| Guest Lecture - IV | 8.45 am - 10.15 am | Dr. S. Sathish Babu Asst. Professor (Senior Scale) Dept. of Electronics and Instrumentation Engg. Annamalai University, Chidambaram. | Dynamic modeling and control of chemical processes using MATLAB software package |
| Tea Break | 10.15 am -10.35 am | | |
| Guest Lecture - V | 10.35 pm – 12.05 pm | Mr. M. Thirumalai Kumar Portfolio Consulting Professional Process Industries and Drives Division Siemens Ltd., Chennai. | Integrated engineering to integrated operations in process industries |
| Lunch Break | 12.05 pm -12.45 pm | | |
| Guest Lecture - VI | 12.45 pm – 2.15 pm | Dr.K.Srinivasan Assistant Professor Dept. of Control and Instrumentation Engg. National Institute of Technology, Tiruchirapalli | Dynamic modelling, control, architecture and software programming for Industrial Automation |
| Valedictory Function | 2.15 pm – 3.00 pm | Dr.K.R.Santha Vice Principal, SVCE. | Valedictory Address |

Few Pictures from the “Two Days National Level Seminar on **Software Packages for Dynamic Modeling and Distributed Control System**” held on 16th and 17th March, 2018 at SVCE.

Inaugural Session Photos



Valedictory Session Photos



Prepared by

Dr. D. Swaminathan
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Department of Chemical
Engineering
Sri Venkateswara College of
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SRI VENKATESWARA COLLEGE OF ENGINEERING
Students' Nominal Roll

Course : B.Tech.(CHE); Semester : 5; Batch : A;

| Sno. | Roll No. | Name Of The Student | Uni.Reg.No. | |
|------|----------|-----------------------|--------------|------------------------|
| 1 | 1 | AARTHI S | 212714203001 | S. Arathi |
| 2 | 2 | ADARSH C | 212714203002 | C. Adarsh |
| 3 | 3 | ADHAVAN S | 212714203003 | S. Advan |
| 4 | 4 | AISHWARYA M | 212714203004 | M. Aishwarya |
| 5 | 5 | AISHWARYA N | 212714203005 | N. Aishwarya |
| 6 | 6 | AJITHKUMAR G | 212714203006 | |
| 7 | 7 | AKASH M | 212714203007 | M. Akash |
| 8 | 8 | ANJANA JAYASHRI M | 212714203008 | M. Anjana Jayashri |
| 9 | 9 | ARADHANA J P | 212714203009 | P. Aradhana |
| 10 | 10 | ARUN K | 212714203010 | K. Arun |
| 11 | 11 | ARUN PRASAD V | 212714203011 | V. Arun |
| 12 | 12 | ARUN SENTHIL S | 212714203012 | S. Arun Senthil |
| 13 | 13 | ASOKA R G | 212714203013 | G. Asoka R |
| 14 | 14 | AVADHANULA SRAVAN | 212714203014 | S. Avadhanula Sraavan |
| 15 | 15 | BAGHESHRI S K | 212714203015 | K. Bagheshri S |
| 16 | 16 | BALAKRISHNAN M | 212714203016 | M. Balakrishnan |
| 17 | 17 | BALAMURUGESWARI | 212714203017 | M. Balamurugeswari |
| 18 | 18 | BHALAJI M | 212714203018 | M. Bhalaji |
| 19 | 19 | BHARATH M | 212714203019 | M. Bharath |
| 20 | 20 | CHINNAMMAL D | 212714203020 | D. Chinnammal |
| 21 | 21 | CIBI CHAKRAVARTHY M U | 212714203021 | U. Cibi Chakravarthy M |
| 22 | 22 | DEEPAK K | 212714203022 | K. Deepak |
| 23 | 23 | DHANAVARDHINI S V | 212714203023 | V. Dhnavardhini S |
| 24 | 24 | DHANUSH N | 212714203024 | N. Dhnanush |
| 25 | 25 | DHILIPAN B | 212714203025 | B. Dhilipan |
| 26 | 26 | DHINESH KUMAR | 212714203026 | K. Dhinesh Kumar |
| 27 | 27 | DHINESHWARAN A | 212714203027 | A. Dhineshwaran |
| 28 | 28 | DHIRAJ ATHREYA S | 212714203028 | S. Dhiraaj Athreya |
| 29 | 29 | DHRUV CHANDHOK | 212714203029 | H. Dhruv Chandhok |
| 30 | 30 | DIVYA R | 212714203030 | R. Divya |
| 31 | 32 | GANESH KUMAR V M | 212714203032 | M. Ganesh Kumar V |
| 32 | 33 | GIFTA JOSEPHIN P | 212714203033 | P. Gifta Josephin |
| 33 | 34 | GURUPRASAD J | 212714203034 | J. Guruprasad |
| 34 | 35 | HEMA DIVYA K | 212714203035 | K. Hema Divya |
| 35 | 36 | JANANI R | 212714203036 | R. Janani |
| 36 | 37 | JEEVITHA K | 212714203037 | K. Jeevitha |

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|----|-----|---------------------|--------------|-----------------------------|
| 37 | 39 | JOE LARSEN R | 212714203039 | <i>Joe Larsen</i> |
| 38 | 40 | JOHN PRATHEEP J | 212714203040 | <i>John Pratheep</i> |
| 39 | 41 | KANNAN S | 212714203041 | <i>S. Kannan</i> |
| 40 | 42 | KARTHICK B | 212714203042 | <i>B. Karthick</i> |
| 41 | 43 | KARTHIK PRANESH M | 212714203043 | <i>M. Praneeth</i> |
| 42 | 44 | KISHORE RAJ M | 212714203044 | <i>M. Kishore Raj</i> |
| 43 | 45 | MADHURA S L | 212714203045 | <i>S. Madhura</i> |
| 44 | 46 | MANIMARAN P | 212714203046 | <i>P. Manimaran</i> |
| 45 | 47 | MANI VIJAYA RAMAN T | 212714203047 | <i>T. Mani Vijaya Raman</i> |
| 46 | 301 | DHANRAJ S | 212714203301 | |
| 47 | 302 | KISHORE KUMAR G | 212714203302 | <i>G. Kishore Kumar</i> |
| 48 | 303 | NAVEEN KUMAR A | 212714203303 | <i>A. Naveen Kumar</i> |

SRI VENKATESWARA COLLEGE OF ENGINEERING
Students' Nominal Roll

Course : B.Tech.(CHE); Semester : 5; Batch : B;

| Sno. | Roll No. | Name Of The Student | Uni.Reg.No. | |
|------|----------|---------------------|--------------|--------------------|
| 1 | 48 | MANOJ PRABAGAR S | 212714203048 | Manoj |
| 2 | 49 | MOHAMED THARICK S | 212714203049 | |
| 3 | 50 | MOHAMMED YOUNUS A | 212714203050 | Mohammed Younus A |
| 4 | 51 | MUTHU ABISEK K | 212714203051 | Muthu |
| 5 | 52 | NARAYANEN K R | 212714203052 | K.R. Narayanan |
| 6 | 53 | NAVANEETH K P | 212714203053 | |
| 7 | 54 | NAVEEN K | 212714203054 | Naveen |
| 8 | 55 | NAVEEN KARAN K | 212714203055 | Naveen Karan K |
| 9 | 56 | NIRANJANI S | 212714203056 | Niranjani S |
| 10 | 57 | NIRMAL S | 212714203057 | Nirmal S |
| 11 | 58 | NIVETHA R | 212714203058 | Nivetha R |
| 12 | 59 | PRAJIDEV P | 212714203059 | Prajidev P |
| 13 | 60 | PRAMODH R | 212714203060 | Pramodh R |
| 14 | 61 | PRANAV SUJAN J | 212714203061 | Pranav Sujan J |
| 15 | 62 | PRASANNA P | 212714203062 | Prasanna P |
| 16 | 63 | PRIYA V | 212714203063 | |
| 17 | 64 | PRIYANKA E | 212714203064 | Priyanka E |
| 18 | 65 | RAKSHANA R | 212714203065 | Rakshana R |
| 19 | 66 | RAMA S | 212714203066 | S. Rama |
| 20 | 67 | RAMKUMAR G | 212714203067 | |
| 21 | 68 | RITUPARNA DEY | 212714203068 | Rituparna Dey |
| 22 | 69 | RUPESH S | 212714203069 | Rupesh S |
| 23 | 70 | SANDHYA R | 212714203070 | |
| 24 | 71 | SANTHOSH R | 212714203071 | Santhosh R |
| 25 | 72 | SELVANAYAGAM K | 212714203072 | Selvanayagam K |
| 26 | 73 | SHAMEEM TAJ A S | 212714203073 | Shameem Taj A S |
| 27 | 74 | SHANMUGA PRIYA R | 212714203074 | Shanmuga Priya R |
| 28 | 75 | SHARANYA S | 212714203075 | S. Sharanya |
| 29 | 76 | SHARMILA B | 212714203076 | |
| 30 | 77 | SHARON ROSELINE H | 212714203077 | |
| 31 | 78 | SHASHANK M | 212714203078 | |
| 32 | 79 | SHASHANK M V | 212714203079 | Shashank M V |
| 33 | 80 | SHRUTHI LAKSHMI I | 212714203080 | I. Shruthi Lakshmi |
| 34 | 81 | SHYAM NARAYAN S | 212714203081 | Shyam Narayan S |
| 35 | 82 | SHYAM SUNDAR K | 212714203082 | Shyam Sundar K |
| 36 | 83 | GREENIDHI K | 212714203083 | Greenidhi K |

| | | | | |
|----|-----|------------------|--------------|-------------------|
| 37 | 84 | SUBASH S | 212714203084 | S. Subash |
| 38 | 85 | SUJAN V | 212714203085 | V. Sujana |
| 39 | 86 | TARIQ AZIZ M | 212714203086 | M. Tariq Aziz |
| 40 | 87 | VARUN S | 212714203087 | S. Varun |
| 41 | 88 | VIGNESH S | 212714203088 | S. Vignesh |
| 42 | 89 | VIGNESH S | 212714203089 | S. Vignesh |
| 43 | 90 | VIJAY T | 212714203090 | T. Vijay |
| 44 | 91 | VINESH KRISHNAN | 212714203091 | K. Vinesh |
| 45 | 92 | VISHAAL G | 212714203092 | G. Vishal |
| 46 | 93 | YUVARAJA S KUMAR | 212714203093 | S. Yuvaraja Kumar |
| 47 | 304 | NAVEEN KUMARAN S | 212714203304 | S. Naveen Kumaran |
| 48 | 305 | PURSHOTHAMAN R | 212714203305 | R. Purshothaman |

SRI VENKATESWARA COLLEGE OF ENGINEERING
Students' Nominal Roll

Course : B.Tech.(CHE); Semester : 7; Batch : B;

| Sno. | Roll No. | Name Of The Student | Uni.Reg.No. | |
|------|----------|--------------------------|--------------|---------------------------------|
| 1 | 44 | NIVEDITHA S | 212713203044 | <i>Nive</i> |
| 2 | 45 | NIVETHA S | 212713203045 | <i>Niveetha S</i> |
| 3 | 46 | PAVITHRA PRIYADARSINI B | 212713203046 | <i>Pavithra Priyadarsini B</i> |
| 4 | 47 | PRASAANTH S | 212713203047 | <i>Prasaanth S</i> |
| 5 | 48 | PRASANNA VENGATESH G | 212713203048 | <i>Prasanna Vengatesh G</i> |
| 6 | 49 | PRASANNA VENKATESH K R P | 212713203049 | <i>Prasanna Venkatesh K R P</i> |
| 7 | 50 | PRATIK RAJIV SHAH | 212713203050 | <i>Pratik Rajiv Shah</i> |
| 8 | 51 | PRAVINRAJ A | 212713203051 | <i>Pravinraj A</i> |
| 9 | 52 | PRAVIN SIVA SANKAR J | 212713203052 | <i>J. Pravin</i> |
| 10 | 53 | PUJITHA V | 212713203053 | |
| 11 | 55 | RAKESH P | 212713203055 | <i>P. Rakesh</i> |
| 12 | 56 | RAMYA R | 212713203056 | <i>R. Ramya</i> |
| 13 | 57 | RASIKA CHANDRASEKAR | 212713203057 | <i>Rasika Chandrasekar</i> |
| 14 | 58 | RESHMA A | 212713203058 | <i>Reshma A</i> |
| 15 | 59 | REVANTH G | 212713203059 | <i>Revant G</i> |
| 16 | 60 | SANDEEP KUMAR D | 212713203060 | |
| 17 | 61 | SANJANA SRIDHARAN | 212713203061 | <i>Sanjana Sridharan</i> |
| 18 | 62 | SANJANA V MENON | 212713203062 | <i>S. Sanjana V Menon</i> |
| 19 | 63 | SARANYA P | 212713203063 | <i>Sarany P</i> |
| 20 | 64 | SARAVANAN R | 212713203064 | <i>R. Saravanan</i> |
| 21 | 65 | SARAYU S | 212713203065 | |
| 22 | 66 | SATHEESH V | 212713203066 | <i>V. Satheesh</i> |
| 23 | 67 | SEDHURAMAN M J | 212713203067 | <i>Sedhuraman M J</i> |
| 24 | 68 | SHANMUGAM D | 212713203068 | <i>D. Shanmugam</i> |
| 25 | 69 | SRI PRATHAPAN K | 212713203069 | <i>Sri Prathapan K</i> |
| 26 | 70 | SUBHASHREE S | 212713203070 | <i>Subhashree S</i> |
| 27 | 71 | SUBIDSHAN S | 212713203071 | <i>Subidshan S</i> |
| 28 | 72 | SUDARSIKA G | 212713203072 | <i>G. Sudarshika</i> |
| 29 | 73 | SUNIL KUMAR M V | 212713203073 | <i>Sunil Kumar M V</i> |
| 30 | 74 | SUNJANA J | 212713203074 | |
| 31 | 75 | SWATHI C | 212713203075 | <i>Swathi C</i> |
| 32 | 76 | SWETHA S | 212713203076 | <i>Swetha S</i> |
| 33 | 77 | THARAGAI T | 212713203077 | <i>Tharagai T</i> |
| 34 | 78 | TINKU KUMAR A B | 212713203078 | |
| 35 | 79 | UDHAYAN B J | 212713203079 | |
| 36 | 80 | VEETURI UMA VARUN | 212713203080 | <i>Uma Varun</i> |

| | | | | |
|----|-----|--------------------|--------------|---|
| 37 | 81 | VENKATA KRISHNAN S | 212713203081 |  |
| 38 | 82 | VIGNESH M | 212713203082 |  |
| 39 | 83 | VIGNESH KUMAR V | 212713203083 | |
| 40 | 84 | VISHAAL V | 212713203084 | |
| 41 | 85 | VISHNU P | 212713203085 | |
| 42 | 86 | VISHNU AADHITHAN A | 212713203086 | |
| 43 | 307 | NUTHANAKAVIGURU M | 212713203307 |  |
| 44 | 308 | PUJA CHAKRABORTY | 212713203308 |  |
| 45 | 309 | RAJAGURU T | 212713203309 | |
| 46 | 310 | SAHAYA REGAN M | 212713203310 | |
| 47 | 311 | SUDALAIMANI P | 212713203311 |  |
| 48 | 312 | VINOTH KUMAR A | 212713203312 |  |
| 49 | 401 | MURUGAN P | 212713203401 |  |