

REGISTRATION DETAILS

- + The Registration fee for all participants is Rs. 500/-*
 - + Registration fee should be paid by Demand Draft (DD) in favor of " The Principal, SVCE" payable at Chennai
 - + Application form may be downloaded from the college website : www.svce.ac.in
- *Fee will be refundable upon successful completion of STTP

IMPORTANT DATES

Registration form along with DD : 25-10-2019
Notification of Acceptance : 29-10-2019

FACILITIES PROVIDED FOR THE PARTICIPANTS

- Conference Proceedings in CD
- Working Lunch
- Boarding and lodging will be provided as per AICTE Norms
- TA will be provided as per AICTE norms for the outstation participants on submission of original travel tickets

ADDRESS FOR COMMUNICATION

The Co-Ordinator,
AICTE-STTP-IMA
Department of Chemical Engineering
Sri Venkateswara College of Engineering,
Pennalur, Irungattukottai post,
Sriperumbudur Taluk, Tamilnadu- 602 117

✉ imasttp@gmail.com
☎ 044-27152000 Ext.:550/551/563
98406 33197

REGISTRATION FORM

AICTE Sponsored Six Days Short Term
Training Programme (STTP)
On

INSTRUMENTAL METHODS OF ANALYSIS
November 4-9, 2019

Name:

Institution:

Is the Institute approved by AICTE? : Yes/No

Designation:

Department:

Educational Qualification:

Experience:

Specialization:

Communication Address with PIN code:
.....
.....

Mobile No:

Email ID:

Payment Details:

DD No: Date:

Bank: Amount:

Date:

Place..... Applicant's Signature

Date: Signature of the
HoD / Principal



**AICTE Sponsored Six Days
Short Term Training Programme (STTP)
On**

**INSTRUMENTAL METHODS
OF ANALYSIS**
November 4-9, 2019

Chief Patron
Prof. M. SIVANANDHAM
Secretary, SVEHT

Patron
Prof. S. GANESH VAIDYANATHAN
Principal, SVCE

Convener
Dr. N. MEYYAPPAN
Professor & Head of the Department
Department of Chemical Engineering

Co-ordinators
Dr. R. PALANI & Mr. D. SIVAKUMAR
Associate Professor / Assistant Professor,
Department of Chemical Engineering

Organized by
Department of Chemical Engineering
& IChE- SVCE Students Chapter
Sri Venkateswara College of Engineering
(Autonomous - Affiliated to Anna University)
Pennalur, Sriperumbudur TK- 602 117





ABOUT THE INSTITUTE

Sri Venkateswara College of Engineering (SVCE), one of the premier technical autonomous institutions in Tamilnadu, was established in 1985. The College is situated on the Chennai – Bengaluru National Highway (NH4) about 37 km south-west of Chennai. The institution has been striving to promote high standards in technical education to aid career building of many students who step into its portals through diverse programs, updated curriculum and by imparting industry exposure. The college offers 10 UG programmes and 10 PG programmes. The National Board of Accreditation accredited many of the eligible programmes, and SVCE is an ISO 9001:2015 certified institution. The college has received Funds for Improvement of E&T Infrastructure from Department of Science & Technology (DST), Government of India, under the FIST 2018 program amounting to Rs 80 lakhs for promoting interdisciplinary nano research for a period of five years.

ABOUT THE DEPARTMENT

The Department of Chemical Engineering was started in the year 1994 under the guidance of our Chairman **Dr. A.C. Muthiah**, a well-known Industrialist. The department currently offers a 4-years B. Tech and 2-years M. Tech programme in Chemical engineering. The undergraduate programme is approved by AICTE and accredited by National Board of Accreditation (NBA), AICTE, New Delhi. The department has taken several strategic initiatives to fulfill the ever-growing local and global demands in allied Chemical Engineering streams. The state-of-the-art infrastructure facilities for academic and research needs. All the laboratories are fully equipped with latest equipments and advanced software packages like ANSYS FLUENT 14.5, Aspen-HYSYS, PROSIM and MATLAB. It also has an exclusive industrial "Distributed Control System" (DCS) in the process control laboratory. The department has been recognized as a Research Centre by Anna University for PhD programmes from 2011.

In addition, the department also has a CTS sponsored Process Modeling and Simulation Laboratory. The department has qualified & experienced faculty and staff members, backed by advanced infrastructural facilities. The department is also engaged in research activities in the wide areas of Chemical Engineering, Environmental Engineering, Fuel Cell, Process Control and other related areas. The department organizes a National Level Student Technical Symposium "PANSOPHY" every year and also organizes STTP/ FDP/ Seminars/ Workshops.

In 2012-13, Rs.4.77 lakhs has been sanctioned under AICTE-RPS to carryout research on the "Dynamic Modeling & Control of Direct Methanol Fuel Cells". In May 2013, the department received a seminar grant for 1.75 lakhs and organized an AICTE - FDP on "Contemporary Research and Practices in Pollution Elimination Systems Towards Cleaner Environment". In June 2015, the department again received a seminar grant for 1.8 lakhs and organized an AICTE-Seminar on Advances in Computational Methods for Simulation of Transport Processes in Engineering. In July 2015, the department received a project grant from DST-SERB worth 19.6 lakhs for a period of 3 years to carryout research on "Studies on the Effect of Different Metabolic Uncouplers on the Specific Degradation Rate of Toluene in a Biofilm Reactor". During January 2017, the department got a project grant from DAE/BRNS/NFC for "Process Development and pilot scale demonstration for removal of metallic and other impurities from used pickle solution of SSTP,NFC worth 20.18 lakhs. In January 2018, the department received a student project grant from TNSCST for a period of 6 months on the title "Enrichment of geraniol composition in palmarosa oil using simultaneous microwave-assisted extraction and hydrodistillation". In 2019 the department received the seminar grant of 2 Lakhs from AICTE New Delhi to conduct one week STTP on Instrumental methods of analysis.

OBJECTIVE OF THE PROGRAMME

The proposed STTP topic is of great relevance to the current need of the country in terms of green research for sustainability. The pollution of aquatic system with heavy metal ions, dyes and other organic pollutants are a serious problem which is faced all over the world. The most common pollutants present in the industrial waste water include lead, copper, cadmium, zinc, nickel, chromium, synthetic dyes and other organic pollutants. The removal of these pollutants from the water and wastewater is under serious consideration in recent years due to their toxic effects to the human beings and also other living organisms even at low concentrations. The treatment is always depends on the types of pollutants and the quantity of pollutants present in the wastewater.

The main objective of this programme is to create an awareness among the teachers about the importance of the instrumental methods of environmental analysis and also to provide the hands-on training in Atomic Absorption Spectroscopy (AAS), Gas Chromatography (GC), HPLC (High Performance Liquid Chromatography), Fourier Transform Infrared Spectroscopy (FT-IR), UV-Vis Spectrophotometer and other analytical techniques to analyze organic and inorganic pollutants.

RESOURCE PERSONS

Academician from IIT, NIT, Anna University, CLRI & Experts from Industry and R&D Laboratory will handle the sessions

PARTICIPANTS

Faculty members from Engineering colleges, Industry & R&D professionals can participate.

The number of participants is limited to 40.

Shortlisted candidates will be intimated on 28.10.2019.



AICTE sponsored
SIX DAYS SHORT TERM TRAINING PROGRAMME
ON
INSTRUMENTAL METHODS OF ANALYSIS
(4th to 9th November 2019)



PROCEEDINGS

Organized by

Department of Chemical Engineering
(Accredited by National Board of Accreditation)

Sri Venkateswara College of Engineering
(An Autonomous Institution Affiliated to Anna University Chennai)
Pennalur, Sriperumbudur-Tk, Tamil Nadu, India-602117.

www.svce.ac.in

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About the Programme

The proposed STTP topic is of great relevance to the current need of the country in terms of green research for sustainability. The pollution of aquatic system with heavy metal ions, dyes and other organic pollutants are a serious problem which is faced all over the world. The most common pollutants present in the industrial waste water include lead, copper, cadmium, zinc, nickel, chromium, synthetic dyes and other organic pollutants. The removal of these pollutants from the water and wastewater is under serious consideration in recent years due to their toxic effects to the human beings and also other living organisms even at low concentrations. The treatment is always depends on the types of pollutants and the quantity of pollutants present in the wastewater.

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Programme Agenda



Sri Venkateswara College of Engineering

(Autonomous- Affiliated to Anna University, Chennai)

Pennalur, Sriperumbudur – 602 117



Department of Chemical Engineering Organizing
AICTE sponsored six days Short Term Training Programme (STTP)

On

"INSTRUMENTAL METHODS OF ANALYSIS"

4th - 9th November 2019

PROGRAM SCHEDULE

TIME	EVENT
4th November, 2019	
09.00 AM - 09.30 AM	Registration
09.30 AM - 09.35 AM	Prayer Song (Tamilthai Vazthu)
09.35 AM - 09.40 AM	Welcome Address by Dr. R. Palani Associate Professor & Co-ordinator Department of Chemical Engineering Sri Venkateswara College of Engineering
09.40 AM - 09.50 AM	Patron Address by Prof. S. Ganesh Vaidyanathan Principal Sri Venkateswara College of Engineering
09.50 AM - 10.00 AM	Introducing the Chief Guest by Dr. N. Meyyappan Convener - Prof & Head Department of Chemical Engineering Sri Venkateswara College of Engineering
10.00 AM - 10.05 AM	Lighting the Lamp by Chief Guest
10.05 AM - 10.30 AM	Inaugural Address by Chief Guest Prof. M.SIVANANDHAM Secretary, SVEHT
10.30 AM - 10.45 AM	Tea Break
10.45 AM - 12.15 PM	Expert Talk – 1 by Dr. P T Raghuram Senior Scientific Officer IISc, Bangaluru
12.15 PM - 01.00 PM	Lunch
01.00 PM - 03.30 PM	Hands on Sessions – HPLC & GC

5th November, 2019	
09.00 AM – 10.15 AM	Expert Talk – 2 by Dr. K. A. Venkatesan Fuel Chemistry Division Indira Gandhi Centre for Atomic Research
10.15 AM – 10.30 AM	Tea Break
10.30 AM – 12.00 PM	Expert Talk – 3 by Dr. S. Vijayalakshmi, Scientific Officer (H), Head, Analytical Chemistry Section, Indira Gandhi Centre for Atomic Research
12.00 PM – 12.45 PM	Lunch
12.45 PM – 02.00 PM	Expert Talk – 4 by Dr. D. G. Rao Professor Former Scientist E, CFTRI, Hyderabad
02.00 PM – 03.30 PM	Hands on Session – TGA
6th November, 2019	
09.00 AM – 10.15 AM	Expert Talk – 5 by Dr. Keerthi Assistant Professor Department of Chemistry, CEG Anna University
10.15 AM – 10.30 AM	Tea Break
10.30 AM – 12.00 PM	Expert Talk – 6 by Dr.K.Palanivelu Professor -Centre for environmental studies Director-Centre for Climate Change & Disaster Management Anna University
12.00 PM – 12.45 PM	Lunch
12.45 PM – 03.30 PM	Lab Visit M/s. SMS LABS SERVICES PVT Ltd., Thirumazhisai, Tamil Nadu 600124, India
7th November, 2019	
09.00 AM – 10.15 AM	Expert Talk – 7 by Dr.T.M. Sridhar Asst. Professor and Head i/c Department of Analytical Chemistry University of Madras
10.15 AM – 10.30 AM	Tea Break
10.30 AM – 12.00 PM	Expert Talk – 8 by Dr. B. Suresh Professor Department of Chemical Engineering Annamalai University
12.00 PM – 12.45 PM	Lunch
12.45 PM – 03.30 PM	Hands on session – AAS & UV

8th November, 2019	
09.00 AM – 10.15 AM	Expert Talk – 9 by Dr. S. Pushpavanam Professor, Department of Chemical Engineering IIT Madras
10.15 AM – 10.30 AM	Tea Break
10.30 AM – 12.00 PM	Expert Talk – 10 by Dr. P. Prabhu Assistant Professor, Department of Physical Chemistry, University of Madras
12.00 PM – 12.45 PM	Lunch
12.45 PM – 02.00 PM	Expert Talk – 11 by Dr. R. Anitha Professor & HOD Department of Computer Science Sri Venkateswara College of Engineering
02.00 PM – 03.30 PM	Expert Talk – 12 by Dr. K. Haribabu Assistant Professor, Department of Chemical Engineering, NIT Calicut
9th November, 2019	
09.00 AM – 10.15 AM	Expert Talk – 13 by Dr. Nalinkanth V Ghone Professor, Department of Chemical Engineering, Sri Venkateswara College of Engineering
10.15 AM – 10.30 AM	Tea Break
10.30 AM – 12.00 PM	Expert Talk – 14 by Dr. Vijayanand Chandrasekaran Assistant Professor, Department of Chemistry, VIT University
12.00 PM – 12.45 PM	Lunch
01.00 PM – 02.00 PM	Comprehensive test
02.00 PM – 02.15 PM	Tea Break
02.15 PM – 02.20 PM	Introducing the Valedictory Chief Guest Dr. N. Meyyappan Convener - Prof & Head Department of Chemical Engineering Sri Venkateswara College of Engineering
02.25 PM – 02.45 PM	Valedictory Address by Chief Guest Dr.L. Muruganandam Professor, Department of Chemical Engineering, VIT University
02.45 PM – 03.00 PM	Certificate distribution to the participants
03.00 PM – 03.05	Feedback from participants about the STTP
03.05 PM – 03.10 PM	Vote of Thanks by Mr. D. Sivakumar Assistant Professor & Co ordinator Department of Chemical Engineering, Sri Venkateswara College of Engineering
03.10 PM	National Anthem

List of Participants

S. No	Name	Designation	Department	College / University	Contact No	E.Mail
1	MS.N.KALAI ARASI	Assistant professor	Chemical engineering	Rajalakshmi Engineering college	9894484434	kalaiarasi.n@rajalakshmi.edu.in
2	DR.R.BASKARAN	Professor and Head	Chemical engineering	St.Joseph's College of Engineering	9840004971	baskaranr@stjosephs.ac.in
3	Mr.A.SADEESH KUMAR	Assistant professor	EIE	St.Joseph's College of Engineering	9710780386	sat22ish@gmail.com
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6	Mr.N.ARUN KUMAR	Assistant professor	Chemical engineering	KPR Institute of Enginnering and technology	9566977728	arunkumar.n@kpriet.ac.in
7	Ms. N.DEEPA PRIYA	Assistant professor	Chemical engineering	Kongu engineering college	8056542401	dppriya1984@gmail.com
8	Dr.JOSHUA AMARNATH.D	Professor	Chemical engineering	Sathyabama Institute of Science and Technology	9150020124	drjoshua.chem@sathyabama.ac.in
9	Mr.THAMARAI SELVAN.A	Assistant professor	Chemical engineering	Veltechhightech dr.Rangarajan dr sakunthala engineering college	8073687406	athamaraiselvan79@gmail.com
10	Ms.PREETHY K.R	Assistant professor	Biotechnology	St.Joseph's College of Engineering	9600056361	preethykrbiotech@gmail.com
11	DR.G.SREEKUMAR	HOD & Professor	Biotechnology	St.Joseph's College of Engineering	9444544094	goodsreekumar@gmail.com
12	DR.C.KARTHIK	Associate professor	Biotechnology	St.Joseph's College of Engineering	9884545345	karthik.bio@gmail.com
13	Ms.CAROLINE DG	Assistant professor	Biotechnology	St.Joseph's College of Engineering	9884575581	caroline.dharmaraj@gmail.com
14	DR.JB.VEERA MALINI	Assistant professor	Chemical engineering	Veltechhightech dr.Rangarajan dr sakunthala engineering college	9789657001	veeramalini@gmail.com
15	Mr.B.VINOTH KUMAR	Assistant professor	Chemical engineering	Veltechhightech dr.Rangarajan dr sakunthala engineering college	9994707041	vinothkumarpetro@gmail.com
16	Mr.P.RAJKUMAR	Assistant professor	Chemical engineering	Roever College of engineering and technology	9942319098	rajkumar_79us@yahoo.com
17	DR.K.KANNAN	Assistant	Chemical	Saveetha engineering college	8838742435	kannank@saveetha.ac.in

		professor	engineering			
18	DR A KUMAR	Professor	Chemical engineering	Saveetha engineering college	9500651760	kumar@saveetha.ac.in
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25	DR. M. PREM ANANTH	Associate Professor	Mechanical Engineering	Sri Venkateswara College of Engineering	9962491719	premanth@svce.ac.in
26	MR. V. GURUSAMY	Assistant Professor	Marine Engineering	Sri Venkateswara College of Engineering	9994436427	vguru@svce.ac.in
27	MR.A. MOHAN	Assistant Professor	Marine Engineering	Sri Venkateswara College of Engineering	9566115653	Mandark.mohan@gmail.com
28	PROF. S. KRISHNAN	Professor & Head	Marine Engineering	Sri Venkateswara College of Engineering	9994952762	skrishnan@svce.ac.in
29	MR. S. RAJASEKAR	Assistant Professor	Chemical Engineering	Sri Venkateswara College of Engineering	8667550722	srajasekar@svce.ac.in
30	MR. S. BHARATH	Assistant Professor	Chemical Engineering	Sri Venkateswara College of Engineering	9840525332	sbharath@svce.ac.in
31	MR. S. JAIGANESH	Assistant Professor	Chemical Engineering	Sri Venkateswara College of Engineering	9677012487	sjaiganesh@svce.ac.in
32	MR. B. S. VISHAL	Assistant Professor	Chemical Engineering	Sri Venkateswara College of Engineering	9789091881	vishal@svce.ac.in

33	MR. DOSHI ANAND G	Graduate Engineer Trainee	Electronics & Instrumentation	Gaja Engineering Pvt Ltd	8056922032	Doshi1096@gmail.com
34	BHUVANESWARIR	GET Executive	Process & Proposal	Gaja Engineering Pvt Ltd	6381627507	Process.chennai@gaja.co.in
35	ARUL JOSE A	DGM	Process & Proposal	Gaja Engineering Pvt Ltd	9940109418	jose@gaja.co.in
36	Mr. V. Murugan	Graduate Engineer Trainee	Quality control	CEC Flavors & Fragrances Pvt. Ltd	8072204989	Muruganvelappan95@gmail.com
37	Mr. D. Dysan	Graduate Engineer Trainee	Production department	CEC Flavors & Fragrances Pvt. Ltd	9963341240	Dysan061993@gmail.com
38	Ms.G.Kalavathy	Assistant Professor	Biotechnology	St.Joseph's College of Engineering	9566294744	kalavathygengiah@gmail.com
39	Mr. K. Muthukumaran	Associate Professor	Instrumentation & Control	St.Joseph's College of Engineering	9444283410	Muthusjce99@gmail.com
40	Mr. R. Prasanna	Managing Director	Chemical Engineering	Sowbaghya Aroma Med Farms	9600931407	Prasanna_ramalingams@yahoo.com

Event Details

4/11/2019

Inaugural Address

10.05 AM - 10.30 AM

Name of the Guest: **Prof. M.SIVANANDHAM**,
Secretary, Sri Venkateswara Educational and Health Trust

Prof. M. Sivanandham, will be the chief guest for the inauguration of STTP on Instrumental Methods of Analysis. He gave the extensive talk on IMA.



Name of the Guest: **Dr.L. Muruganandam**
 Professor, Department of Chemical Engineering, VIT
 University

Dr.L. Muruganandam, will be the chief guest for Valedictory of STTP on Instrumental Methods of Analysis. He gave the extensive talk on IMA. Also distributed the certificate for the participants.



Dr. V. Nalinkanth Ghone
 Professor and AHOD
 Department of Chemical Engineering
 Sri Venkateswara College of Engineering

Dr.N.MEYYAPPAN, M.E, Ph.D.,
 Professor & HOD
 Department of Chemical Engineering
 Sri Venkateswara College of Engineering
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