



Sinhgad Technical Education Society's

Sinhgad College of Engineering
Vadgaon (Budruk) Off. Sinhgad Road, S.No. 44/1,



Dr. Sanjay Madhavrao Chavan

B CHEM ENG.(UDCT

MUMBAI), PH D CHEM ENG

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- ➔ NATIONAL MERIT SCHOLARSHIP Human Resources Department, Govt of India, New Delhi
- ➔ Honorary Secretary, IICHe Pune Regional Centre For the years 2010-11,2012-13,2013-14,2014-15
- ➔ Local Enquiry Committee, University Of Pune Subject Expert VC nominee
- ➔ Ph D Candidate Selection Committee, University Of Pune Subject Expert
- ➔ Research Center Recognition / Continuation Committee - University Of Pune, Solapur University Subject Expert
- ➔ Expert / Visiting Faculty University Of Pune (M.Tech + Integrated Ph D Course)
- ➔ Recognized PG/Ph D Guide University Of Pune
- ➔ Elected as Executive Member of National Council of Students' Chemcon i.e. SCHEMCON2015

Degree	Institute Name	University Name	Year of Passing	Percentage	Grade	Qualification Status
B.Chem.Eng.	University Department Of Chemical Technology, Mumbai	Mumbai university, mumbai	1985	61.14%	First Class	Completed
PhD	Indian Institute of Technology	Indian institute of technology, bombay	2008	-	A Grade	Completed

Skills	Certification Name	Domain	Front End	Back End	Database	Certification Date
Computational skills	Oracle	Database				

Subject	No Of Years	Remarks
R & D Management in Chemical Engg	4	ME Chemical
Process Optimization	5	ME(Chemical)
Advanced Reaction Engineering	4	ME(Chemical)
Mass Transfer 1	10	BE(Chemical)
Project Engineering and Process Economics	15	BE(Chemical)
Process Dynamics and Control	10	BE(Chemical)
Mechanical Operations	2	BE(Chemical)
Process Instrumentation & Instrumental Methods of Analysis	4	BE(Chemical)
Chemical Reaction Engg.	6	BE(Chemical)
Chemical Engg Thermodynamics	1	BE(Chemical)
Optimization Techniques	2	BE(Chemical)
Energy Conservation and Recovery	1	BE(Chemical)
Chemical Reaction Engg		
Fluid Mechanics	1	BE(Chemical)
Air Pollution and Control	3	ME(Civil) Environmental Engineering
Fuel Cell Technology		
Process Modeling and Simulation		

Training Title	Arrange By	Venue	Date	Level	Category	Type
Colloids and Interfacial Science: Research Challenges	IIT, Bombay	Indian Institute Of Technology, Powai, Mumbai	06 Mar 2006 to 10 Jul 2006	National	Research	External
Modeling and Simulation in Chemical Engineering	I.I.T., New Delhi	I.I.T., New Delhi	23 May 1999 to 27 May 1999	National	Research	Internal
Vision Beyond 2000 ?? Role of technical teachers	IOC, Baroda	IOC, Baroda	16 May 1998 to 30 May 1998	National	Research	Internal
'Database Management Systems'	Vellore Engg. College, Vellore	Vellore Engg. College, Vellore	03 May 1999 to 14 May 1999	National	Research	Internal
Leadership Development Programme - Basic	Wren & Pecker Ltd.,Pune	Sinhgad Institutes, Narhe	08 Dec 2013 to 10 Dec 2013	Training	Management Development Program	Internal
Leadership Development Training - Advanced	Wren and Pecker	SKN College Of Engineering, Vadgaon Bk, Pune	23 May 2014 to 25 May 2014	Institute	Management Development Program	External

Name	Venue	Date	Level	Category	Type	Sponsored By
Innovation-2012	Univ Of Pune	19 Mar 2012 to 20 Mar 2012	Institute	Research		University of Pune
Reaction Engineering	NIT, Raipur	21 Jan 2010 to 22 Jan 2010	National	Management Development Program		NIT, Raipur
Effect Of nature of acid and	Chemcon 2010	27 Dec 2010 to 29 Dec 2010	National	Quality Improvement Programs		Chemcon 2010

polybasicity in acid sorption on weak base resins						
Innovation	SCOE, Pune	17 Nov 2008 to 18 Nov 2008	National	Quality Improvement Programs		SCOE, Pune
Emerging Trends In Engineering	PREC,Loni	20 Dec 2008 to 22 Dec 2008	International	Management Development Program		PREC,Loni
Studies on ion exchange of Sodium dodecyl Sulphate, an anionic surfactant over various ion exchange resins: A case of Cationic resin and surfactant solution below its CMC	Indian Institute Of Technology, Kharagpur	25 Sep 2004 to 27 Sep 2004	National	Quality Improvement Programs		Indian Institute Of Technology, Kharagpur
Recent Advances in Natural Product Extraction	Chemical Engg Department, Sinhgad College Of Engineering, Pune	21 Mar 2013 to 22 Mar 2013	National	Research		University Of Pune, Pune
Advance Materials for Engineering Applications	Chemical Engg Department, Sinhgad College Of Engineering, Pune	10 Dec 2012 to 14 Dec 2012	National	Quality Improvement Programs		TEQIP phase 2
Recent Advances in Chemical Process Control	Chemical Engg Department, Sinhgad College Of Engineering, Pune	16 May 2011 to 28 May 2011	National	Quality Improvement Programs		AICTE New Delhi
Waste Water Treatment	Chemical Engg Department, Sinhgad College Of Engineering, Pune	06 Dec 2010 to 10 Dec 2010	National	Industry Interaction		ISTE
Optimization in Chemical Industries	Chemical Engg Department, Sinhgad College Of Engineering, Pune	03 May 2010 to 09 May 2010	National	Quality Improvement Programs		AICTE New Delhi
Optimization in Chemical Industries	Chemical Engg Department, Sinhgad College Of Engineering, Pune	16 Nov 2009 to 23 Nov 2009	National	Quality Improvement Programs		Self
Developments in Chemical Engineering Curriculum	University Of Pune, Pune	15 Sep 2008 to 15 Sep 2008	Institute	Co-Curricular Activities		University Of Pune
Chemcon 2013	Institute Of Chemical Technology, Mumbai	29 Dec 2013 to 29 Dec 2013	International	Research		Indian Institute Of Chemical Engineers' , Kolkata
Innovation 2013	JSPM's Rajarshi Shahu College Of Engineering, Thathwade, Pune	18 Apr 2013 to 18 Apr 2013	University of Pune	Research		University Of Pune
Biotechnology, Bioinformatics and BioEngineering	Tirupati, Andhra Pradesh	28 Jun 2013 to 29 Jun 2013	International	Research		Self
Developments in Engineering Curriculum	MIT College Of Engineering, Pune	26 Feb 2013 to 26 Feb 2013	University of Pune	Quality Improvement Programs		University Of Pune

First International and Third National Conference on 'Biotechnology, Bioinformatics & Bio Engineering'	Tirupathi, Andhra Pradesh	28 Jun 2013 to 29 Jun 2013	International	Research		self
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Workshop Topic	Conducted By	Date	Level	Category	Type
Developments in Chemical Engineering Curriculum	Shivaji University, Kolhapur	18 Nov 2004 to 19 Nov 2004	Intra-Institutional Seminars	Intra-Institutional Seminars	External
Industry Institute Partnership	ISTE - Chapter KIT, Kolhapur	30 Jul 1994 to 01 Aug 1994	Industry Interaction	Industry Interaction	External
Colloids and Interfacial Science: Research Challenges	DST, New Delhi	06 Mar 2006 to 10 Mar 2006	Quality Improvement Programs	Quality Improvement Programs	Internal
Modeling and Simulation in Chemical Engineering	at I.I.T., New Delhi	23 May 1999 to 27 May 1999	Quality Improvement Programs	Quality Improvement Programs	Internal
Vision Beyond 2000 - Role of technical teachers	at IOC, Baroda	18 May 1998 to 30 May 1998	Quality Improvement Programs	Quality Improvement Programs	Internal
Database Management Systems	Vellore Engg. College, Vellore, TN	03 May 1999 to 14 May 1999	Quality Improvement Programs	Quality Improvement Programs	Internal
Entrepreneurship Awareness Programme	MITCON consultancy services, Govt of Maharashtra	16 Feb 2004 to 18 Feb 2004	Industry Interaction	Industry Interaction	External
Advanced Programming Techniques	PVPIT, Budhgaon	23 Jun 1997 to 05 Jul 1997	Quality Improvement Programs	Quality Improvement Programs	Internal
'Recent trends in Energy Engineering	ISTE approved short-term training programme	21 Jun 2004 to 02 Jul 2004	Intra-Institutional Seminars	Intra-Institutional Seminars	External
Entrepreneurship Awareness Programme	MITCON consultancy services	16 Feb 2004 to 18 Feb 2004	Quality Improvement Programs	Quality Improvement Programs	Internal
in Chemical Engineering Curriculum	Shivaji University, Kolhapur	21 Jun 2004 to 02 Jul 2004	Co-Curricular Activities	Co-Curricular Activities	External
in Chemical Engineering Curriculum	Shivaji University, Kolhapur	21 Jun 2004 to 02 Jul 2004	Co-Curricular Activities	Co-Curricular Activities	External
Sophisticated Instrumental Analysis Techniques	Chemical Engg. Department, Sinhgad College Of Engineering, Pune	07 Oct 2013 to 12 Oct 2013	Research	Research	External
Recent Advances in Nanopolymers	Sinhgad College Of Engg., Pune	23 Jun 2014 to 28 Jun 2014	Research	Research	External
Developments in ME (Chemical) and SE (Chemical) Curriculum	University Of Pune	26 Feb 2013 to 26 Feb 2013	Quality Improvement Programs	Quality Improvement Programs	Internal
Science Day	Sinhgad College Of Science , Ambegaon , Pune	07 Jan 2014 to 07 Jan 2014	Other In House Event	Other In House Event	Internal

Project name	Description	Status	Budget	Project type
Kinetic, Mass Transfer and optimization studies on extraction of Eugenol from Eugenia aromaticum (clove)		10	230000	Sponsored Projects
Experimental and Modeling studies on microwave and ultrasound assisted extraction of shikimic acid	Extraction studies	In Process	50000	Academic Projects
Protein separation by microfiltration under electric field	Studies on separation efficiency	Completed	200000	Academic Projects
Protein separation by microfiltration under	Studies on separation efficiency	Completed	200000	Academic Projects

electric field				
Optimization studies on separation of heavy metals using Nanofiltration Modules	Modeling and optimization of nanofiltration	In Process	7750000	Academic Projects
Hydrogenation of substituted aromatic nitro compounds	Studies on modeling	Completed	200000	Academic Projects

Title	Description	Agency	Percentage Completion	Amount Sanctioned	Amount Received
Praj Industries Ltd.	Modeling And Simulation	Praj Industries Ltd.	100%	00	00

ISSN/ISBN No	Paper Title	Publish Date	Journal/Conference Name	Level	Paper Status	Authors
2278-0181.	Preparation of activated charcoal from sugarcane leaves using ZnCl ₂ activation for the adsorption of Methylene Blue dye	2013	International Journal of Engg. Research & Technology	Other	Accepted and Published	Sanjay Chavan
9788192056104	Kinetic Studies of sorption of Malachite Green onto papaya seeds	2011	Proceedings on National Conference of Emerging trends in engineering and architecture,	Conference - National level	Accepted	Sanjay Chavan
ISSN 2278-0181	Preparation of activated charcoal from sugarcane leaves using ZnCl ₂ activation for the adsorption of Methylene Blue dye	2013	International Journal of Engg. Research & Technology	Conference - International level	Accepted and Published	Sanjay Chavan
9788192056104	Kinetic Studies of sorption of Malachite Green onto papaya seeds	2011	National Conference of Emerging trends in engineering and architecture	Conference - International level	Accepted and Published	Sanjay Chavan
0733-9372	A review of technologies for manganese removal from wastewaters	2016	Volume 4, Issue 1, pp 468-487	Refereed and Indexed Journal	Accepted and Published	Sanjay Chavan

Membership Body	Details	Duration	Level
LM -Indian Institute Of Chemical Engineers, Kolkata	Life Member	01 Jul 1986 to 20 Apr 2013	National
- IIT Bombay Alumni Association, Bombay	LM	31 Aug 2008 to	National
UDCT Bombay Alumni Association, Bombay	LM	30 Sep 1985 to	National
Indian Plastics Institute	LM	01 Jul 2009 to	National

Organization Name	Post	Organization Category	Appointment Status	Duration
Sinhgad College Of	Professor and Head	STES	Full time and	Jul 16,2007 to

Engg., Vadgaon (Bk), Pune	of the Department		Permanent	
PVPIT, Budhgaon	Assistant Professor	Engineering Institute	Permanant	Jul 23,1990 to Jul 15,2007
Satara Polytechnic, Satara	Lecturer	Engineering Institute	Full time regular appointment	Jul 01,1989 to Jul 22,1990
Bombay Oil Industries, Bombay	Jr. Engineer (Tech. Services & Design	Private Ltd	Full time regular appointment	Jul 01,1986 to Jun 30,1989
RCF Ltd., Thal	RCF Ltd., Thal	Industry	Management Trainee	Jul 31,1985 to Aug 31,1986

Student Name	Topic
Gitanjali Pujari	Mathematical Model Development for separation of polybasic acids from industrial waste streams using ion exchangers
Nivesh Dixit	Solid-liquid extraction of gallic acid from leaves of Michelia champaca-experimental studies and kinetic modeling
Miss Dipti Wankhede	Concentration polarization study on spiral wound reverse osmosis unit for saline water system
Miss Shraddha Admane	Extraction of Betulinic acid from leaves of Syzygium Cumini (Jamun) by using different extraction techniques

ISBN	Title	Publisher	Publish Year
818990469-8	Mass Transfer 1	Dennet Publications, Nagpur	Dec 2009
818990469-8	Heat Transfer	Dennet Publications, Nagpur	May 2009
818990482-5	Mechanical Operations	Dennet Publications, Nagpur	Jun 2009

Organizational Development Contribution(2013-2014)

Date	Venue	Contribution	Category
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I hereby declare that all the above information furnished by me are true to the best of my knowledge.

Date :05-Aug-2016

Dr. Sanjay Chavan