BIO-DATA

- 1. Name: Dr. Sanjaykumar Rameshbhai Patel
- **2. Date of Birth:** 17th March, 1979
- 3. Designation: Associate Professor
- 4. Highest Qualifications: Ph.D.

5. Degree Obtained

University	Degree	Year	Field of Specialization				
SVNIT, Surat	Ph.D.	2011	Chemical Engineering				
M.S.University, Baroda	M.E.	2005	Chemical Engineering				
			(Polymer Technology)				
S.G.University, Surat	B.E.	2001	Chemical Engineering				
(SVRCET-Surat)							

6. Employment Record

Institute	Designation	Period
SVNIT, Surat	Associate Professor	Since 28-01-2019 to till date
SVNIT, Surat	Assistant Professor	10-11-2006 to 27-01-2019
SVNIT, Surat	Teaching Assistant	9 months

7. Other Related Experience (Research)

UniversityDesignationPeriodSVNIT, SuratResearch Fellow6 months

8. Consultancy and Sponsored research activities: (4 Research Projects)

Sr.	Degree Registered/Project Undertaken	Duratio	on(date)	University/ Sponsoring	Funds Sanctioned	Present Status
No.		from	to	authority		
1.	Sole Investigator, A Study on Ultrasound Assisted Crystallization of Clopidogrel Hydrogen Sulfate	01/09/2015	01/09/2017	Young Scientists/Start-Up Research Grant(SERB, DST), New Delhi	Rs.15.76 lacs	Completion report submitted
2.	Principal Developer, Development of Course "Crystallization and Drying" for Pedagogy Research Project	7/02/2015	30/03/2017	Ministry of Human Resource Development, Government of India	Rs. 5 lacs	completed
3.	Principal Investigator, A study on particle size and morphology of clopidogrel hydrogen sulphate by anti- solvent crystallization	20/08/2014	20/08/2016	Institute Research Grant, SVNIT.	Rs.10 lacs	completed
4.	Principal Investigator, Sonocrystallization for the recovery of valuable products from dairy waste stream	1/07/2007	28/02/2008	R & D Grant of the Institute, SVNIT.	Rs. 2.25 lacs	completed
5.	Co-Investigator,	1/07/2007	28/02/2008	R & D Grant of the	Rs. 4.14	completed



Evaluate the performance of	In	nstitute, SVNIT.	lacs	
tertiary treatment in a full				
scale upflow anaerobic				
sludge blanket (UASB)				
based sewage treatment				
plant (STP)				

9. PhD Completed (Including thesis Submitted Cases)

Sr. No.	Student Name Adm. No.	Title of Thesis	Main Supervisor	Co-Supervisor	Remarks
1.	Nalin H. Maniya (DS11CH002)	Porous silicon in drug delivery applications	Dr. Z.V.P. Murthy	Sanjaykumar R. Patel	Degree Awarded
2.	Nitu Kumari (DS14CH007))	Preparation and Optimization of Perovskite Thin Film Solar Cells	Sanjaykumar R. Patel	Dr. J. V. Gohel	Degree Awarded
3.	Chetan Sharma (DS14CH004))	Registered for PhD	Sanjaykumar R. Patel	Dr. M. A. Desai	
4.	Arunkumar Maganbhai Patel (DS15CH004))	Registered for PhD	Sanjaykumar R. Patel	-	
5.	Preena Shrimal (D17CH004)	Registered for PhD	Sanjaykumar R. Patel	Dr. G.C. Jadeja	
6.	Daxa L. Sharma (D17CH005)	Registered for PhD	Sanjaykumar R. Patel	Dr. Z.V.P. Murthy	
7.	MS PREETI JAIN (D17CH002)	Registered for PhD	Dr. M. A. Desai	Sanjaykumar R. Patel	

10. Publications

i. Science Citation Index or Scopus (papers)

Sr.	Name of journal	Vol. No.	Month/	Title of paper		
No.	U U	/Page no.	year			
1.	Crystal Research and	44(8),	2009	Ultrasound assisted crystallization for the recovery of		
	Technology	889 - 896		lactose in an anti-solvent acetone.		
2.	Crystal Research and	45(7),	2010	Optimization of process parameters by Taguchi method		
	Technology	747–752		in the recovery of lactose from whey using		
				sonocrystallization.		
3.	Crystal Research and	46 (3),	2011	Effect of process parameters on lactose crystal size and		
	Technology	243 – 248		morphology in ultrasound assisted crystallization.		
4.	Dairy Science and	91(1),	2011	Waste whey valorization: Speedy recovery of lactose		
	Technology	53-63		from dairy waste stream.		
5.	Chemical and Process	32(4),	2011	Anti-solvent Sonocrystallization of Lactose		
	Engineering	379-389				
6.	Separation & Purification	41,	2012	Lactose recovery processes from whey: a comparative		
	Reviews	251 - 266		study based on sonocrystallization.		
7.	Superlattices and	55,	2013	Electrochemical preparation of microstructured porous		
	Microstructures	144-150.		silicon layers for drug delivery applications		
8.	Optik – International	125,	2014	Simulation and fabrication of porous silicon photon		
	Journal for Light and	828-831.		crystal		
	Electron Optics					

9.	Journal of Crystal	390,	2014	Ultrasound Assisted Reactive Crystallization of		
	Growth	114-119		Strontium Sulfate,		
10.	Materials Research Bulletin	57, 6–12	2014	Study on Surface Chemistry and Particle Size of Porous Silicon Prepared by Electrochemical Etching		
11	Applied Surface Science	330, 358–365.	2015	Controlled delivery of acyclovir from porous silicon micro-and nanoparticles,		
12.	Superlattices and Microstructures	34-42	2015	Fabrication and application of porous silicon multilayered microparticles in sustained drug delivery		
13.	Chemical Engineering Research and Design	104, 551–557	2015	Development and in vitro evaluation of acyclovir delivery system using nanostructured porous silicon carriers		
14.	Reviews of advanced materials science	44, 257-272	2016	Drug delivery with porous silicon films, microparticles, and nanoparticles		
15.	Optik – International Journal for Light and Electron Optics	144 422-435	2017	Multi-response optimization of ZnO thin films usi Grey-Taguchi technique and development of a mod using ANN		
16.	Materials Science in Semiconductor Processing	75, 149–156	2018	Optimization of TiO ₂ /ZnO bilayer electron transport layer to enhance efficiency of perovskite solar cell		
17.	Crystal Research and Technology	53(3),	2018	Ultrasound-assisted anti-solvent crystallization of telmisartan using Dimethyl Sulfoxide as organic solvent		
18	Reviews of advanced materials science	53, 161-186	2018	Current Progress and Future Prospective of Perovskite Solar Cells: A comprehensive Review		
19	Optical and quantum electronics	50:180	2018	Optical and structural properties of ZnO thin films prepared by spray pyrolysis for enhanced efficiency perovskite solar cell application		
20	Journal of Materials Science: Materials in Electronics	29,18144- 18150	2018	Enhanced stability and efficiency of Sn containing perovskite solar cell with SnCl ₂ and SnI ₂ precursors		
21	Optik – International Journal for Light and Electron Optics	176, 262- 27,	2019	Superior efficiency achievement for FAPbI3-perovskite thin film solar cell by optimization with response surface methodology technique and partial replacement of Pb by Sn,		

ii. Non- SCI/SCOPUS

- 1. Abhijit A. Lonare, **Sanjaykumar R. Patel**, Antisolvent crystallization of poorly water soluble drugs, International Journal of Chemical Engineering and Applications, Vol. 4, No.5, October 2013,337-341.
- 2. Nitu Kumari, Sanjaykumar R. Patel, Jignasa V. Gohel, "Optimization of type and concentration of dopant (Sb and Al) for ZnO thin films prepared by spray pyrolysis technique and their applications in perovskite solar cells" *International Journal of Research*, 4 (2017) 938-941.
- **3. Sanjaykumar R. Patel, Parth Kayasth**, Ultrasound Assisted Cooling Crystallization of Lactose Monohydrate, International Journal of chemical and molecular Engineering, 12(2), pp.39-42, 2018

11. Papers published/presented in International Conference/Seminar:

1. Sanjaykumar R. Patel, Parth Kayasth, Ultrasound Assisted Cooling Crystallization of Lactose Monohydrate, Conference proceedings, Bankok, Thailand, February 08-09, 2018, 20(2), pp. 415-418. Proceedings of the "20th International Conference on Applied Chemistry and Chemical Engineering", Bangkok, Thailand, organized by the World Academy of Science, Engineering and Technology

2. Nitu Kumari, **Sanjaykumar R. Patel** and Jignasa V. Gohel, Optimization of type and concentration of dopant (Sb and Al) for ZnO thin films prepared by spray pyrolysis technique and their applications in perovskite solar cells, *International Journal of Research*, 4, 938-941, 2013, a special issue of National conference on "Recent advances and future Trends in chemical Technology-2017, 16th September, 2017, Nirma University, Ahmedabad.

3. Abhijit Lonare, **Sanjaykumar R. Patel**, Antisolvent crystallization of poorly water soluble drugs, International Journal of Chemical Engineering and Applications, 4(5), 337-341, a special issue of 4th International Conference on Chemical Engineering and Applications (CCEA 2013), held 12-13, October, 2013, Paris, France.

4. Amar Deep Pathak, **Sanjay R. Patel**, and Z.V.P. Murthy, A Comparative Study of Parameters in the Production of Alcohol from Cheese Whey to Reduce the BOD, Proceedings of the National Conference of on "Sustainable Urban Environment: Issues and Management Strategies, S.V. National Institute of Technology, Surat, Gujarat, 27th – 29th, February, 2008, pp. Theme III:62-67. (Eds: R.A. Christian, M.M. Ahammed, N.D. Jariwala and K.D. Yadav) 5. **Sanjay R. Patel**, Jayanth Madhav B, Jithin John Varghese, A.K. Mungray, and Z.V.P. Murthy, Sonocrystallization as a Method for the Treatment of Dairy Waste Streams, Proceedings of the "International Conference on Environmental Management: Scenario and Strategies to 2020", Ujjain Engineering College, Ujjain, M.P., India, 26th – 27th December, 2007, pp. 42-47.

6. Prakash Konakala, **Sanjay R. Patel,** A.K. Mungray, and Z.V.P. Murthy, Treatment of Anaerobic Reactor Effluents: A Comparative Approach, Proceedings of the "International Conference on Environmental Management: Scenario and Strategies to 2020", Ujjain Engineering College, Ujjain, M.P., India, 26th – 27th December, 2007, pp. 380-385.

Papers Presented and Abstract Published in the Proceeding of conference:

1. Aarti R. Deshmukh, Sanjaykumar R. Patel, Crystallization of clopidogrel hydrogen sulphate from methanol Isopropanol system, Proceeding of International conference on nanotechnology applications: Chemical, Energy, and Environment, held on 22-23, March, 2017, SVNIT, Surat. **ISSN:978-93-5268-680-3**

2. Chetan Sharma, Sanjaykumar R. Patel, and Meghal A. Desai, Effect of Surfactants and Polymers on Particle Size and Morphology of Telmisartan in Antisolvent Crystallization, Proceeding of International conference on nanotechnology applications: Chemical, Energy, and Environment, held on 22-23, March, 2017, SVNIT, Surat. **ISSN:978-93-5268-680-3**

3. Nitu Kumari, Sanjaykumar R. Patel and Jignasa V. Gohel, "Effect of annealing temperature on the structural, morpholological and optical properties of zinc oxide thin films prepared by spin coating technique"- presented a paper at *ICSDEE-2017* organized by NCL Pune from 16-17 January 2017. **ISSN:978-93-24457-19-0**

4. Sagar V. Deotale, Sanjaykumar R. Patel, and Meghal A. Desai, Solubility and Bioavailability of Poorly Soluble Drugs using Novel Approaches: A Review, Proceeding of International conference on material and characterisation techniques (ICMCT 2014), 10-12, March, 2014, VIT University, Tamilnadu, India.

Sr. No.	Name of Conference/Seminar	Month/year	Venue	Title
Inter	national Conference/Seminar			
1.	International Congress of Environmental	18-20,	BITS, Goa	Lactose Recovery using
	Research (ICER-08)",	December, 2008		Sonocrystallization in an Anti- solvent 'Acetone'
2.	ICON-NANO 2013 - An International	December	Dharmsinh	Electrochemical Etching of Porous
	Conference on Surface Science and	10-12,	Desai	Silicon Layers for Drug Delivery
	Nanotechnology in Biomedical,	2013.	University,	System
	Pharmaceutical & Engineering Systems		Nadiad	
3.	ICM-2016	13-15 May	Mahatma gandhi	Zinc Oxide thin films preparation,
		2016.	University,	characterization and their
			Kottayam	application in solar energy
4.	Symposium on sustainability of chemical	22-23 August	GCET, Aanad	Titanium oxide thin film
	industries: exploring new avenues for	2017		preparation, characterization and
	growth: 2017			application in dye sensitized solar
				cells
5.	the 65 th Annual Session of the Indian	27-30,	NIT Jalandhar	A Study on the Reactive
	Institute of Chemical Engineers	December		Crystallization Process
		2012		

Paper Presented at conferences

12. Edited books/Proceedings:

 Edited Conference proceedings on "Emerging Trends in Chemical Engineering", 7th -8th May, 2008, Department of Chemical Engineering, SVNIT, Suart.

Sr.	Student Name	Month & Year of	Title of Thesis	Co-Supervisor
No.	Adm. No.	Completion		(if any)
1.	Gaurav S. Saxena (P11CH005)	June 2013	A study on the antisolvent crystallization of lactose	-
2.	Abdul Rahim (P11CH023)	June 2013	A Study on the Reactive Crystallization Process of Strontium Sulfate	-
3.	Mr. Abhijit Lonare (P12CH011)	July 2014	A Study on Antisolvent Crystallization of Telmisartan	-
4.	Mr. Sagar Deotale (P12CH016)	July 2014	Solubility Estimation of Telmisartan in Pure and Binary Solvents	Dr. M.A. Desai
5.	Manoj Rangnathrao Korke (P13CH014)	July 2015	A study on Reactive Crystallization of Lithium Carbonate	-
6.	Parth R. Kayastha(P14CH013)	July 2016	Ultrasound Assisted Cooling Crystallization of Lactose	
7.	Khomane Vishal Dattatraya (P15CH002)	August 2017	Multi Response Optimization of Ultrasound Assisted Reactive Crystallization of SrSO ₄	

13. M.E./M.Tech. Dissertations Guided: 7 completed

14. Event Organized:

(i) STTP/Worlshop/Finishing School

Sr.	Name of Faculty	Name of Programme	Dates of
No.	Member		Programme
1.	Sanjay R. Patel (coordinator)	STC on Green Concepts in Engineering & Chemistry	$12^{\text{th}} - 16^{\text{th}}$ December, 2016
2.	Sanjay R. Patel (coordinator)	STTP on Recent Trends in Chemical Engineering	7-15 July,2016
3.	Sanjay R. Patel (coordinator)	STTP on Design of Experiment for Process Optimization	6-10 June,2016
4.	Sanjay R. Patel (coordinator)	STTP on Design of Experiment and Artificial Neural Network	22-26 June,2015
5.	Sanjay R. Patel (coordinator)	One Day finishing School on Design of experiment using the Taguchi method: an Overview	25 th April,2015
6.	Sanjay R. Patel (coordinator)	One Day workshop on FEM Simulations using COMSOL Multiphysics and Neural Network based Modelling using STATISTICA	7 th August, 2014
7.	Sanjay R. Patel (coordinator)	One Day workshop on COMSOL multiphysics modeling	6 th December, 2013
8.	Sanjay R. Patel (coordinator)	National Conference of on Emerging Trends in Chemical Engineering – Global Scenario (ETCE-08)	$7 - 8^{\text{th}}$ May, 2008.
9.	Sanjay R. Patel (Member of Local organizing committee)	ISTE Recognized workshop on Opportunities in Catalysis & Adsorptive separations	7-11 th May, 2007

(ii) Conferences

Sr. No.			Dates of Programme
1.	Sanjaykumar R.	National Conference of on Emerging Trends in Chemical	$7 - 8^{th}$ May,

Patel	Engineering – Global Scenario (ETCE-08)	2008
(coordinator)		

15. Expert lecture Delivered

- 1. Case study on multi-response analysis in STTP at DBACER, Nagpur.
- 2. Taguchi Method and Analysis of Variance-Basic Procedure and case study in STTP at DBACER, Nagpur.
- 3. Taguchi Design of Experiments, Modeling and Optimization Techniques for engineering Applications, 27-02-17 to 03-03-17 at SVNIT, Surat.
- 4. Taguchi Design of Experiments, Modeling and Optimization Techniques for engineering Applications, December, 2016 at SVNIT, Surat.
- Sonocrystallization Process in QIP sponsored Short Term Course on Green Concepts in engineering and chemistry on 12th – 16th December, 2016.
- 6. The Use of Ultrasound in crystallization Process in STTP on Recent Trends in Chemical Engineering under TEQIP-II on 11/07/2016 to 15/07/2016 at SVNIT, Surat.
- 7. Taguchi Method and Analysis of Variance in STTP on Design of Experiment for Process Optimization Overview under TEQIP-II on 7/06/16 at SVNIT, Surat.
- 8. Solving of Multiresponse Optimization Problems in STTP on Design of Experiment for Process Optimization Overview under TEQIP-II on 10/06/16 at SVNIT, Surat.
- 9. Optimization using Taguchi Method delivered at STTP on "Optimization: Theory and Engineering Practice", Vishwakarma Government Engineering College, Chandkheda, Gandhinagar. (18/12/2015)
- 10.Optimization of Process Parameters using Taguchi Method: Case study delivered at One Day Workshop on "Design of Experiments using the Taguchi Method and Artificial Neural Network", Pacific School of Engineering, Palsana, Surat. (13/07/2015)
- 11.Expert lectures on Solving of Taguchi method and ANOVA in STTP on Design of Experiment and Artificial Neural Network under TEQIP-II held during 22-26 June,2015 at SVNIT, Surat.
- 12. Taguchi method and ANOVA using Excel in finishing school on Design of experiment using the Taguchi method: an Overview under TEQIP-II on 25/04/15 at SVNIT, Surat.
- 13. "Ultrasonic assisted processes-I & II" in STTP on Green chemistry and engineering: Towards a sustainable future under TEQIP-II on 20/11/13 at SVNIT, Surat.
- 14. "Ultrasound assisted separation processes for Industrial applications" in workshop entitled "Performance Enhancement of ETP" on 12th April, 2012 organized at FETR, Bardoli.
- 15. Introduction to chemical engineering thermodynamics" on March, 2012 at FETR, Bardoli.
- 16. Introduction to ASPEN Plus Simulation" in STTP on Chemical Process Simulation-application of software in chemical engineering on 4/02/12 at SCET, Surat.
- 17. Introduction to Reactor Simulation" in STTP on Chemical Process Simulation-application of software in chemical engineering on 12/02/12 at SCET, Surat

16. Other Relevant Information

i. Member (M) / Life Member (LM) / Life Fellow (LF) of the Following Bodies:

- 1. Indian Institute of Chemical Engineers (IIChE), LM-46892
- 2. Institution of Engineers (India) (IE(I)), M-161180-6
- 3. International Congress of Chemistry and Environment, FM(FICCE)-FI/2018/011

ii. Reviewed/reviewing technical papers of Journals

- 1. International Journal of Sustainable Energy (Taylor & Francis Group Publication, USA)
- 2. Journal of The Institution of Engineers (India): Series E(8-11-2017)
- 3. Ultrasonics Sonochemistry (Elsevier Scientific Publication) (23-07-2016, 2-09-2016)
- 4. Chemical Engineering & Technology (Wiley-VCH Verlag Gmbh & Co.KGaA, Germany)(14-12-2017)
- 5. Crystal Research & Technology (Wiley-VCH Verlag Gmbh & Co.KGaA)(29-11-2017)

iii. Administrative Responsibilities

1. Institute Level

Sr.	Name of the assignment	Duration
No.	-	
1.	Chief Warden, Swami Vivekanand Bhavan	04-06-2014 to till date
2.	Chief Warden, Swami Vivekanand Bhavan	1-01-2014 to 04-06-
		2014
3	Deputy Centre In-Charge	JoSSA 2017
	Admission committee for JoSSA, B.Tech and M.Sc. First year Admission	JoSSA 2018
4	Warden, Swami Vivekanand Bhavan	1-07-2013 to 31-12-2013
5	Warden, Tagore Bhavan	1-07-2012 to 1-07-2013
6	Warden, Tagore Bhavan	4-10-2011 to 1-07-2012
7	Associate Warden, Narmad Bhavan	26-12-2008 to
		15/07/2009
8	Chairman, Council of Purchase Committee	22/03/2017 to till date
9	Chairman, Council of Purchase Mess Secretary	25/09/2014 to 22-03-
		2017
10	Chairman, Hostel Discipline Committee	14-08 -14 to 22-03-2017
11	Co-Chairman, Magazine Secretary	06-09-2013 to 25-09-
		2014
12	Co-Chairman, Purchase Committee	25/09/2014 to 22-03-
		2017
13	Member, Remission of tuition Fee, B.Tech-I	
14	Member, Draft policy on prevention of plagiarism in M.Tech/PhD	
15	Member, Unnat Bharat Abhiyan	
16	Member, Rajbhasha Committee	
17	Co-opted member, institute level scrutiny committee for non teaching	
	position	
18	Faculty Co-ordinator, Welcome function for the first year student, ChED	
19	Faculty member, Scrutiny of application forms,	
	student election-2015	
20	Faculty Coordinator, Discipline committee, Kashish-2015, Kashish-2016	

2. Department Level

Sr.	Name of the assignment	Duration
No.		
1	Coordinator of Time Table Committee	4-09-2008 to 2-05-2014
2	CAD lab In-charge in the Department	4-09-2008 to till date
3	G.C.T lab incharge in the department	4-09-2008 to 4-08-2011
	Coordinator, Service to community & Tribal development	02-05-2014 to till date
5.	Coordinator, Industrial alumni feedback	02-05-2014 to till date

iv. Workshops/Summer Schools/ Winter schools/Short term Courses attended:

Sr.	Institute	Title	Period		
No.			From	То	Weeks/
					days
1.	STC	Product and Process Optimization Using Designed	18/03/2016	20/03/2016	3 days
		Experiment			
2	NIT,	Sonoprocess Engineering	22/02/2016	26/02/2016	5 days
	Warangal				
3.	SVNIT,	Interfacial Engineering and Nanotechnology for	10/08/2015	14/08/2015	5 days
	Surat	Sustainable environment			
4.	DBIM,	Data Analysis and Design of experiment using	13/02/2015	14/02/2015	2 Days
	Surat	MINITAB			
5.	SVNIT,	STTP on Green chemistry and engineering: Towards a	18-11-13	22-11-13	5 days

	Surat	sustainable future			
6.	SVNIT,	Hindi software Prashikshan karyashala	21/10/2013	25/10/2013	5 days
	Surat				
7	SVNIT,	Advances on waste water treatment and energy	30/09/2013	4/10/2013	5 days
	Surat	generation			
8	SVNIT,	Workshop on nanotechnology applications for	19-04-	21-04-	3 days
	Surat	sustainable development	2013	2013	
9	SVNIT,	Workshop on intensive Hindi training	23-07-	27-07-	5 days
	Surat		2012	2012	
10	IIT,	CEP course on challenges for faculty to meet the need	8-06-2010	12-06-	5 days
	Bombay	of industry		2010	
11	SVNIT,	STTP on Treatment and Disposal of wastewater	5-10-2009	9-10-2009	5 days
	Surat	•			
12	SVNIT,	STTP on Advanced Instrumental methods of analysis	24-08-	28-08-	5 days
	Surat		2009	2009	-
13	SVNIT,	STTP on Sustainable water and wastewater	27-07-	31-07-	5 days
	Surat	management techniques	2009	2009	-
14	SVNIT,	STTP on Nanotechnology: A sustainable development	19-01-	23-01-	5 days
	Surat	to environment	2009	2009	-
15	IIT,	CEP course on CFD analysis in chemical engineering	7-07-2008	11-07-	5 days
	Bombay			2008	-
16	SVNIT,	Pedagogy Training	12-05-	15-05-	4 days
	Surat		2008	2008	-
17	SVNIT,	Training on research methodology in engineering	16-05-	17-05-	2 days
	Surat		2008	2008	-
18	SVNIT,	Induction training	21-01-	23-01-	3 days
	Surat		2008	2008	-
19	SVNIT,	workshop on Opportunities in Catalysis & Adsorptive	7-05-2007	11-05-	5 days
	Surat	separations		2007	-
20	UICT,	DST-SERC School on Advanced Separation Processes	21-03-	24-03-	4 days
	Mumbai	in Chemical & Biochemical Process Industries	2007	2007	
21	SVNIT,	Short Term Programme on Application Orientation in	26-12-	30-12-	5 days
	Surat	Engineering Mathematics & Mathematical Modeling	2006	2006	
22	SVNIT,	Workshop on advanced Analytical Techniques for	8-06-2006	10-06-	3 days
	Surat	Material Characterization		2006	-