

RESUME OF DR. SOBANA N



1.	NAME	DR. N.SOBANA				
2.	DATE OF BIRTH	23.07.1978				
3.	NATIONALITY AND RELIGION	INDIAN & HINDU				
4.	COMMUNITY	GT	SC/ST	MBC	√ BC	OTHERS
5.	ADDRESS FOR COMMUNICATION	1/3, SF 12, SLN APPARTMENT, 9 TH MAIN, 4 TH CROSS, KN EXTENSION, TRIVENI ROAD, YESHWANTHPUR, BENGALURU 560022				
6.	TELEPHONE NUMBER AND EMAIL-ID	08754241561 chemshoba@gmail.com				
7.	ACADEMIC QUALIFICATION					
	UNIVERSITY/INSTITUTION LOCATION	YEAR OF PASSING	DEGREE	MAJOR	CLASS	MARKS/GRADE
	NALSAR UNIVERSITY OF LAW, HYDERABAD	2008	PGDPL	PATENT LAW	-	B+
	ANNAMALAI UNIVERSITY	2006	PH.D	CHEMISTRY	-	THESIS ADJUDGED EXCELLENT
	ANNAMALAI UNIVERSITY	2002	M.PHIL	CHEMISTRY	FIRST CLASS	65.00 %
	ANNAMALAI UNIVERSITY	2000	M.SC	CHEMISTRY	FIRST CLASS	73.00%
	ST.JOSEPH' S COLLEGE OF ARTS & SCIENCE, MADRAS UNIVERSITY, CUDDALORE	1998	B.SC	CHEMISTRY	DISTINCTI ON	81.00% 97 MARKS IN PHYSICAL CHEMISTRY
	ST. ANNES GIRLS HIGHER SECONDARY SCHOOL, CUDDALORE BOARD OF HIGHER SECONDARY EDUCATION, TN	1995	HIGHER SECONDA RY	MATHS, PHYSICS, CHEMISTRY, BIOLOGY	FIRST CLASS	73.00%
	ST. ANNES GIRLS HIGHER SECONDARY SCHOOL, CUDDALORE BOARD OF SECONDARY EDUCATION, TN	1993	S.S.L.C	MATHS, SCIENCE, SOCIAL SCIENCE	DISTIN CTION	88.50% MATHEMATICS 100%
8.	KNOWLEDGE OF LANGUAGES	ABILITY TO: SPEAK: TAMIL, ENGLISH, TELUGU WRITE: TAMIL, ENGLISH BOTH: TAMIL, ENGLISH				
9.	PRIZES, MEDALS AND OTHER HONORS RECEIVED	✓ QUALIFIED IN <u>TAMILNADU STATE ELIGIBILITY TEST (TNSET 2016)</u> CONDUCTED BY MOTHER TERESA WOMEN' S UNIVERSITY – KODAIKANAL ✓ THIRD PRIZE IN THE NATIONAL SEMINAR ON “ APPLIED RESEARCH ON SOLID STATE CHEMISTRY & NANOTECHNOLOGY “ (NSASN –				

		<p>2005) HELD AT THE DEPARTMENT OF CHEMISTRY, ANNAMALAI UNIVERSITY.</p> <p>✓ UNIVERSITY RESEARCH STUDENTSHIP AWARD BY ANNAMALAI UNIVERSITY</p> <p>✓ PROF. V.V. RAMANUJAM 61ST BIRTHDAY ENDOWMENT AWARD FOR OUTSTANDING PERFORMANCE IN INORGANIC CHEMISTRY FOR THE YEAR 1998 -'99 BY ANNAMALAI UNIVERSITY</p> <p>✓ BEST OUTGOING STUDENT AWARD 1998 BY ST. JOSEPH' S COLLEGE OF ARTS AND SCIENCE, CUDDALORE, BASED ON THE OVERALL CONTRIBUTIONS IN ACADEMICS, NON ACADEMIC & SPORTS</p> <p>✓ FIRST PRIZE IN MAIN SUBJECT (CHEMISTRY) AT ST. JOSEPH' S COLLEGE OF ARTS AND SCIENCE.</p> <p>✓ FIRST PRIZE IN MAIN SUBJECT (TAMIL II) AT ST. JOSEPH' S COLLEGE OF ARTS AND SCIENCE.</p> <p>✓ FIRST PRIZE (CENTUM) IN MATHEMATICS IN S.S.L.C EXAM</p>		
10.	THE SUBJECT OF THE THESIS FOR THE RESEARCH DEGREES	DEGRADATION OF DYES BY ADVANCED OXIDATION PROCESSES BY MODIFIED CATALYSTS		
11.	TEACHING EXPERIENCE			
THE POST HELD	INSTITUTION	PERIOD	NATURE OF WORK	LAST PAY DRAWN
ASSOCIATE PROFESSOR	MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY, PUDUCHERRY – 605107	10.06.2009 To Till Date	TEACHING CHEMISTRY, ENVIRONMENTAL SCIENCES TO UNDER GRADUATE STUDENTS COORDINATOR FOR FIRST YEAR ENGINEERING (GENERAL ENGINEERING) COORDINATOR FOR STUDENTS WELFARE COMMITTEE CONVENER FOR ECO CLUB IN-CHARGE FOR RECEPTION & INVITATION COMMITTEE DISCIPLINE COMMITTEE MEMBER COORDINATOR FOR TIME TABLE COMMITTEE IN-CHARGE FOR CHEMISTRY LAB CONVENER FOR INTERNAL DEPARTMENT AUDITING COMMITTEE COORDINATOR FOR	36500/-

				CULTURAL COMMITTEE COORDINATOR FOR TIME TABLE COMMITTEE		
SCIENTIST	SUVEN LIFE SCIENCES LIMITED, HYDERABAD – 500034	22.05.2008 TO 19.12.2008		LITERATURE SURVEY SYNTHESIS OF DRUG INTERMEDIATES	21256/-	
EXECUTIVE	NEULAND LABORATORIES LIMITED, MEDAK - 502319	06.12.2006 TO 29.04.2008		LITERATURE SURVEY PREPARATION OF DRUGS	14000/-	
LECTURER	PALLAVAN COLLEGE OF ENGINEERING, KANCHEEPURAM – 631502	10.06.2005 TO 31.05.2006		HANDLED THEORY (ENGINEERING CHEMISTRY) AND PRACTICAL CLASSES FOR B.E 1ST YEAR STUDENTS & 2ND YEAR B.E CHEMICAL ENGINEERING (ORGANIC CHEMISTRY) STUDENTS	10, 800/-	
12.	RESEARCH GUIDANCE:		COMPLETED	ONGOING		
	M.PHIL.:		-	-		
	PH.D.:		-	01		
13.	RESEARCH SCHEMES SPONSORED OR SUPPORTED BY FUNDING AGENCY		RS. 20,000 SEMINAR GRANT FOR “ NATIONAL LEVEL SYMPOSIUM ON SCIENCE AND TECHNOLOGY (SCIMIT’ 11)” BY CSIR			
14.	LIST OF PUBLICATIONS					
BOOKS						
TEXT BOOKS	TITLE	CO-AUTHOR (IF ANY)	YEAR OF PUBLISHED	PUB. COMPANY	ISBN NO/ ISSN NO.	
	ENGINEERING CHEMISTRY	-	2012	VIGNEUSHWA RA PUBLISHER	978-93-5267-259-2	
	ENVIRONMEN TAL SCIENCE	-	2015	VIGNEUSHWA RA PUBLISHER	978-93- 5267-620- 0	
	LABORATORY ENGINEERING CHEMISTRY	L. AROKIYA MARY	2016	VIGNEUSHWA RA PUBLISHER	978-93-5267-360-5	
RESEARCH PAPERS						
COVERA GE	NAME OF JOURNAL	TITLE OF THE WORK	CO-AUTHORS	YEAR & VOL.NO	PAGE NOS.	ISSN NO.
REGION AL	NATIONAL CONFERENC E ON NEW RENAISSAN CE IN CHEMICAL	THE PHOTOCATALYTIC DEGRADATION OF THREE DIRECT AZO DYES BY ZNO: A COMPARATIVE	SOBANA NARAYANASA MY	2011	255- 258	97881837 13764

	RESEARCH (NCNR CR – 2011)	STUDY				
NATIONAL	INDIAN JOURNAL OF CHEMISTRY A- 0.494	PHOTOCATALYTIC DESTRUCTION OF AN ORGANIC DYE, ACID RED 73 IN AQUEOUS ZNO SUSPENSION USING UV LIGHT ENERGY	A NILAMADANTH AI, N SOBANA, B SUBASH, M SWAMINATHAN , M SHANTHI	2013/ 52A(1)	63-67	0975-0975 (ONLINE)
INT.NATIONAL	13. JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY – 4.2	FABRICATION OF NOVEL COBALT FERRITE NANO CATALYSTS FOR THE EFFECTIVE PHOTO CATALYTIC, ANTIBACTERIAL AND CYTO TOXIC APPLICATIONS	J SRISHANKAR, I MUTHUVEL, B KRISHNAKUMAR, ABÍLIO JOSÉ FRAGA DO NASCIMENTO SOBRAL , G THIRUNARAYAN AN , SOBANA N	COMMUNICATED		
	12. CANADIAN CHEMICAL TRANSACTIONS	KINETICS OF SOLAR LIGHT ASSISTED DEGRADATION OF DIRECT RED 23 ON ACTIVATED CARBON-LOADED ZINC OXIDE AND INFLUENCE OF OPERATIONAL PARAMETERS	NARAYANASAMY SOBANA, KUPPULINGAM THIRUMALAI, MEENAKSHISUNDARAM SWAMINATHAN	2016 / 4 (1)	77-89	2291-6458
	11. MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING 2.359	EFFECT OF OPERATIONAL PARAMETERS ON PHOTODEGRADATION OF DIRECT BLUE 53 BY SILVER LOADED-TITANIA UNDER ULTRAVIOLET AND SOLAR ILLUMINATION	N SOBANA, B SUBASH, M SWAMINATHAN	2015 /36	149 – 155	1369-8001
	10. MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING - 2.359	SYNERGISM AND EFFECT OF OPERATIONAL PARAMETERS ON SOLAR PHOTOCATALYTIC DEGRADATION OF AN AZO DYE (DIRECT YELLOW 4) USING ACTIVATED CARBON-LOADED ZINC OXIDE	N SOBANA, B KRISHNAKUMAR, M SWAMINATHAN	2013 / 16 (3),	1046-1051	1369-8001
	9. CATALYSIS	CHARACTERIZATION OF AC- ZNO	SOBANA.N, MURUGANAND	2008 / 9(2)	262-268	1566-7367

	COMMUNICATION - 3.330	CATALYST AND ITS PHOTOCATALYTIC ACTIVITY ON 4-ACETYLPHENOL DEGRADATION	HAM.M & M. SWAMINATHAN			
	8. SEPARATION & PURIFICATION TECHNOLOGY - 3.359	OPTIMIZATION OF PHOTO CATALYTIC DEGRADATION CONDITIONS OF DIRECT RED 23 USING NANO-AG DOPED TIO ₂	SOBANA, N, K. SELVAM & M. SWAMINATHAN	2008 / 62 (3)	648-653	ISSN: 1383-5866
	7. JOURNAL OF THE KOREAN CHEMICAL SOCIETY – 0.46	PHOTO MINERALISATION OF REACTIVE BLACK 5 WITH ZNO USING SOLAR AND UV-A LIGHT	S. AMISHA, K. SELVAM, SOBANA, N & M. SWAMINATHAN	2008 / 52(1)	66-72	1017-2548(PRI NT)
	6. SEPARATION & PURIFICATION TECHNOLOGY- 3.359	ENHANCEMENT OF UV ASSISTED PHOTO-FENTON DEGRADATION OF REACTIVE ORANGE 4 USING TIO ₂ -P25	K.SELVAM, SOBANA, N, M. MURUGANAND HAM & M. SWAMINATHAN	2007 / 54 (2)	241-247	1383-5866
	5. SEPARATION & PURIFICATION TECHNOLOGY- 3.359	THE EFFECT OF OPERATIONAL PARAMETERS ON THE PHOTOCATALYTIC DEGRADATION OF AR18 BY ZNO	SOBANA, N & SWAMINATHAN . M	2007 / 56(1)	101-107	1383-5866
	4. SOL. ENER. MAT. & SOL. CELLS – 4.784	COMBINATION EFFECT OF ZNO AND ACTIVATED CARBON FOR SOLAR ASSISTED PHOTOCATALYTIC DEGRADATION OF DIRECT BLUE 53	SOBANA, N & SWAMINATHAN . M	2007 / 91(8)	727-734	0927-0248
	3. J. HAZARD. MAT – 6.065	SOLAR ASSISTED PHOTO CATALYTIC AND PHOTOCHEMICAL DEGRADATION OF REACTIVE BLACK 5 USING TIO ₂	M. MURUGANAND HAM, SOBANA, N & M. SWAMINATHAN	2006 / 137(3)	1371-1376	0304-3894
	2. J. MOL. CAT. A:	OPTIMIZATION OF SOLAR	M. MURUGANAND	2006 /	154-161	1381-1169

	CHEM - 3.93	PHOTOCATALYTIC DEGRADATION CONDITIONS OF RY14 AZO DYE IN AQUEOUS TiO_2	HAM, SOBANA, N & M. SWAMINATHAN	246 (1)		
	1. J. MOL. CAT. A: CHEM - 3.93	NANO-AG PARTICLES DOPED TiO_2 FOR EFFICIENT PHOTODEGRADATION OF DIRECT AZO DYES	SOBANA, N, M. MURUGANAND HAM & M. SWAMINATHAN	2006 / 258(1-2)	124-132	1381-1169
15.	DETAILS OF TRAINING / ORIENTATION PROGRAMMES, CONFERENCE / WORKSHOPS/ SPECIAL COURSES ATTENDED / ORGANIZED					
NAME OF THE TRAINING / ORIENTATION PROGRAMMES, CONFERENCE / WORKSHOPS/ SPECIAL COURSES		CONDUCTED BY		PAPER NAME		DURATION
01. ECO FRIENDLY-WATER DEFLUORIDATION		DEPARTMENT OF CHEMISTRY IFET COLLEGE OF ENGINEERING GANGARAMPALAYAM, VILLUPURAM – 605 108, TAMIL NADU, INDIA.		SERB SPONSORED ONE DAY NATIONAL LEVEL SEMINAR		1 ST APRIL - 2017
02. SECOND NATIONAL CONFERENCE ON MATERIAL SCIENCE AND ITS FUTURE PROSPECTS (NCMSFP- 2017)		DEPARTMENT OF CHEMISTRY UNIVERSITY COLLEGE OF ENGINEERING, ANNA UNIVERSITY VILLUPURAM		PHOTODEGRADATION STUDY BY ZNO & TiO_2 NANOPARTICLES		1 ST MARCH 2017
03. RECENT TRENDS IN INDUSTRIAL EFFLUENT TREATMENT (RTIET – 16)		PONDICHERRY ENGINEERING COLLEGE, PUDUCHERRY		TEQIP – II SPONSORED STTP		20 TH – 25 TH JUNE 2016
04. SOLAR ENERGY – TECHNOLOGY & PRODUCTS		MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY, PUDUCHERRY		TWO DAYS FACULTY DEVELOPMENT PROGRAMME		9 TH – 10 TH JUNE 2016
05. NATIONAL CONFERENCE ON NEW RENAISSANCE IN CHEMICAL RESEARCH (NCNR CR – 2011)		SRM UNIVERSITY, RAMAPURAM, CHENNAI		THE PHOTOCATALYTIC DEGRADATION OF THREE DIRECT AZO DYES BY ZNO: A COMPARATIVE STUDY		4 TH MARCH 2011
06. "RECENT ADVANCES IN NANO TECHNOLOGY AND ITS APPLICATIONS (RAIN TA – 2011)"		PONDICHERRY ENGINEERING COLLEGE, PUDUCHERRY		AICTE SPONSORED STAFF DEVELOPMENT PROGRAM		19TH OCT 2011 – 2ND NOV

			2011
07. ONE DAY WORKSHOP	ANNA UNIVERSITY, CHENNAI	THRUST AREAS IN CHEMISTRY	MARCH 12, 2011
08. NATIONAL CONFERENCE ON NEW RENAISSANCE IN CHEMICAL RESEARCH (NCNRRCR – 2011)	SRM UNIVERSITY, RAMAPURAM, CHENNAI	THE PHOTOCATALYTIC DEGRADATION OF THREE DIRECT AZO DYES BY ZNO: A COMPARATIVE STUDY	MARCH 4, 2011
09. 94 TH INDIAN SCIENCE CONGRESS	ANNAMALAI UNIVERSITY. CHIDAMBARAM	ZNO- ASSISTED SOLAR PHOTOCATALYTIC DEGRADATION OF DIRECT YELLOW 4	JANUAR Y 3 – 7, 2007
10. INTERNATIONAL CONFERENCE ON “ RECENT ADVANCEMENTS IN CHEMISTRY	AUXILIUM COLLEGE, VELLORE	EFFECT OF NANO - AG PARTICLES LOADING ON TiO ₂ SOLAR PHOTO CATALYTIC DEGRADATION OF DIRECT RED 23	JANUAR Y 5 - 6, 2006
11. NATIONAL SEMINAR ON “ APPLIED RESEARCH ON SOLID STATE CHEMISTRY & NANOTECHNOLOGY” NSASN – 2005	ANNAMALAI UNIVERSITY. CHIDAMBARAM	ENHANCEMENT EFFECT OF ZNO LOADED ON ACTIVATED CARBON FOR THE PHOTO DEGRADATION OF AN AZO DYE	FEBRUA RY 25-26, 2005
12. NATIONAL SEMINAR ON “ CHEMISTRY EDUCATION AND RESEARCH”	ERODE ARTS COLLEGE (AUTONOMOUS), ERODE	PHOTOCATALYTIC DEGRADATION OF DIRECT RED 23 ON A SUSPENDED MIXTURE OF ZNO AND ACTIVATED CARBON	SEPTEMBER 30, OCTOBER 1-2, 2004
13. CHEMISTS MEET	INDIAN INSTITUTE OF TECHNOLOGY- MADRAS, CHENNAI	EFFECT OF ACTIVATED CARBON ON THE ZNO- ASSISTED PHOTOCATALYTIC DEGRADATION OF DIRECT YELLOW 4	MARCH 26-27, 2004
14. NATIONAL SEMINAR ON “ CURRENT TRENDS IN CHEMISTRY”	ANNAMALAI UNIVERSITY, CHIDAMBARAM	EFFECT OF NANO - AG PARTICLES LOADING ON TiO ₂ UV PHOTO CATALYTIC DEGRADATION OF DIRECT RED 23	MARCH 24-25, 2004
15. NATIONAL SYMPOSIUM & CONFERENCE ON SOLID STATE	INDIAN INSTITUTE OF	SOLAR ASSISTED PHOTO CATALYTIC	DECEMBER 4-6,

CHEMISTRY AND ALLIED AREAS (NCSCA)	TECHNOLOGY- DELHI	DEGRADATION OF ACID RED 18 USING ZNO	2003
16. NATIONAL SEMINAR ON ECO FRIENDLINESS” (HORIZON ' 99)	REC, TIRUCHIRAPPALLI	TREATMENT OF DIARY WASTE	OCTOBER 2-3, 1999
16.	MEMBERSHIPS IN PROFESSIONAL BODIES	<ul style="list-style-type: none"> INDIAN SCIENCE CONGRESS ASSOCIATION, KOLKATA, INDIA ASSOCIATION OF CHEMISTRY TEACHERS, INDIA. 	
17.	NAME AND ADDRESS OF REFERENCES	<p>1. DR. M. SWAMINATHAN EMERITUS PROFESSOR (FORMER), DEPARTMENT OF CHEMISTRY KALASALINGAM UNIVERSITY KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION, ANAND NAGAR, KRISHNANKOIL-626126, TAMIL NADU EMAIL: CHEMSAM50@GMAIL.COM CELL: 91-9842381967</p> <p>2. DR. ASHOK K. MISHRA PROFESSOR, DEPARTMENT OF CHEMISTRY INDIAN INSTITUTE OF TECHNOLOGY-MADRAS CHENNAI 36, TAMILNADU, INDIA. EMAIL: MISHRA@IITM.AC.IN CELL: 9444009251</p> <p>3. DR. T. STALIN ASSISTANT PROFESSOR OF INDUSTRIAL CHEMISTRY ALAGAPPA UNIVERSITY, KARAIKUDI, INDIA PHONE: 06381044538 EMAIL: STALINCHEM@GMAIL.COM</p>	
18.	OTHER FACT(S) WOULD I LIKE TO PRESENT FOR YOUR CONSIDERATION	<ul style="list-style-type: none"> PROOF READER FOR PONDICHERRY LINGUISTIC MINORITY ENGINEERING COLLEGES WELFARE ASSOCIATION COMMON ENTRANCE TEST FOR B.TECH PROGRAMME ENTRANCE TEST FOR B.TECH PROGRAMME (CETPPEC – (CETPPEC – 2009, 2010 & 2012) CHEMISTRY QUESTION PAPER QUESTION PAPER (EVS) SETTER (2013, 2014 & 2015) FOR NATIONAL INSTITUTE OF OPEN SCHOOLING, NEW DELHI 	
19.	PERIOD OF TIME REQUIRED TO JOIN DUTY IN THE POST IF OFFERED	ONE MONTH	

DECLARATION

I hereby declare that the particulars given in this application are true to the best of my knowledge and belief, I understand that if any time it is found that any information given in this application is false / incorrect my candidature / appointment will be cancelled.

**SIGNATURE OF THE
APPLICANT**

DATE : 31.10.2019