

Detailed Bio-data

I. Personal Details:

Name : ANIL KUMAR SHARMA

Gender : Male

Father's Name: Shri V.K. SHARMA

Nationality: INDIAN Date of Birth: 18 JUNE 1963

Age (In Years): 62 Marital Status: Married v) Category: UR

Address : House No. 61, Phase 1, Near Mata Mandir, RIVIERA
TOWNE, Bhopal Pin Code: 462003

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Educational Qualifications:

S. No.	Degree Obtained & Branch/Specialization	Name of the Board/ University/ Institution	Year of Passing/ Award	Class/ Division
i.	11 th	MP Board of Secondary Education	1979	1 st Div
ii.	UG Degree- B.E. in Civil Engineering	MACT, Bhopal Bhopal University	1984	First Division
iii.	PG Degree -M.Tech in Hydro- Electric	MACT, Bhopal Bhopal University	1989	First Division
iv.	PG Degree -M.Tech in Environmental Engg	M.A.C.T., Bhopal (Barkatullah University)	1994	First Division
v.	Ph. D. Degree Environmental Engg	University of Roorkee (I.I.T. Roorkee)	1999	-

Title of PG/Ph. D. Thesis with name and address of Ph. D. Supervisor(s)

Degree	Title of Thesis	Name and address of Supervisor(s)	University/Institute
PG	Design of S-type Tubular Turbine	Dr. V.K. Gehlot, MANIT, Bhopal	M.A.N.I.T. Bhopal

PG	Solid waste Management of Bhopal city	Dr. M.V.S.Iyer, MANIT,Bhopal	M.A.N.I.T. Bhopal
Ph.D.	Vehicular Emission Control: Studies on Non-Noble metal based Catalysts for CO and Propylene Oxidation	Dr. I.M. Mishra, Professor, UOR Roorkee Dr. Shri Chand , Assistant Professor, UOR, Roorkee	University of Roorkee(Now I.I.T. Roorkee)

Particulars of Regular Service/Employment Teaching Experience:

S. No.	Name of Institution	Position	From	To	Total Years	Pay Level & Pay Scale (Band) with AGP/GP Separately
1	M.A.N.I.T. Bhopal	PROFESSOR	30/07/2007	Till date	16 years 6 months	Level 14 A,
2	M.A.N.I.T. Bhopal	Assistant Professor	30/07/1999	29/07/2007	8 years	Rs. 12000-420-18300/-
3	M.A.C.T., Bhopal	Lecturer (Senior Scale)	30/07/1994	29/07/1999	5 years	Rs. 3000-100-3500-125-5000/-
4	M.A.C.T., Bhopal	Lecturer	30/07/1988	29/07/1994	6 years	Rs.2200- 4000/-

Administrative assignments- I

Organization	Start Date	End Date	Duration [in months]	Designation
M.A.N.I.T, Bhopal	13/11/2015	13/10/2016	11 months	Dean (Academic Affairs)
M.A.N.I.T, Bhopal	20/3/2014	21/11/2015	20 months	HOD (Civil Engg)
M.A.N.I.T, Bhopal	1/2/2011	12/7/2013	29 months	HOD (MSME)
M.A.N.I.T, Bhopal	1/2/2011	19/9/2012	19 months	HOD (Chemical Engg)

M.A.N.I.T, Bhopal	July 11	19/9/2012	14 months	HOD (Chemical, MSME, Biotech)
M.A.N.I.T, Bhopal	20/7/2007	20/7/2009	24 months	HOD (Chemical Engg)

Text/Reference book Published on relevant subjects from national publishers or in the book chapters in the books published by reputed international publishers

S. No.	Title of Chapter	Title of Book	Name of Publisher	Year of Publications	Year of Latest Edition
1	Book Chapter :Plasma Technology: A Brief Primer in Solid waste management - Global Scenario in Environment and Energy		<u>BS publication</u> Chapter 6 , Vol. 1, 2013	2013	ISBN: 978-81-7800-286-6
2	Municipal Solid Wsate management in Bhopal, India-A Review.	Global Scenario in Environment and Energy	<u>BS publication</u> Chapter 6 , page 583-591.	2013	ISBN: 978-81-7800-286-6
3	Materials and Manufacturing Technology II, Chapter 25	Metrology and Measurement	Trans Tech publications Chapter 25 P. 859,	2012	ISBN-13: 978-3-03785-252-1

Conference Papers

S. No.	Title of the paper	Proceeding details	Indexed in Scopus/S CI/ WoS/other Internation ally renowned Conf.	Role	
		Name of Conference page Nos., year		As First Author/Main Supervisor/ Other Authors	Total No of Authors
1	Performance improvement of USBR VI stilling basin model for pipe outlets	23 rd International Conference on Hydraulics, Water Resources & Environment al Engg, Dec 21-23 2018 (Hydro 2018) , NIT Patna	WoS	Other author	04
2	Comparative Analysis of Level of service between Low Floor Buses and Mini Buses- A case Study of Bhopal City	International Conference on Futuristic Trends in Computational Analysis and Knowledge Management, Amity University, Greater Noida. (IEEE) 2015	WoS	Main Supervisor	02
3	Road Traffic Accidents: A Critical Issue on Bhopal's Roads	Proceeding of 27th M.P. Young Scientist Congress, 2012	WoS	Main Supervisor	02
4	Recycling Process for the Management of E-Waste from Colour Picture Tubes of TV in Manufacturing Building Materials	2 nd International Conference on Materials & Manufacturing Technology Xiamen, China , 2011	Internation ally renowned conference	Main Supervisor	03

5	Utilization of mixed agricultural residues and biogas slurry into value-added products: A Case study	International Conference on Sustainable Energy & Environmental Protection Slovenia, 2013	International	-	02
6	Optimum Utilization of Energy in Mass Housing Projects	17 th Annual Energy, Utility & Environment Conference, Phoenix, Arizona, 2014	WoS	Main Supervisor	02
7	A Model to Forecast Parameter of Effluent Treatment Plant using ANN	International Conference on Concurrent Techno and Enviro Search, 4-5 December, 2010, Bhopal (M. P.), India. (SARYC 10)	WoS	Main Supervisor	03
8	Prediction of Common Effluent Treatment Plant Parameter using Artificial Neural Networks	International Congress of Environmental Research ,Mauritius,16-18 September , 2010, University of Mauritius, Reduit, Mauritius (ICER 10)	WoS	Main Supervisor	03
9	Role of Artificial Neural Network to monitor & Control Waste Water Treatment Plant	All India Seminar on Life Cycle Analysis, Measurement & Condition Monitoring, May 25 th -26 th , 2009 Proceedings page no. 209-215	WoS	Main Supervisor	03
10	Urban Air Pollution and its Control	National Conference on Emerging Trends in Civil Engineering for Infrastructure Development Feb 15-16 , 2008	WoS	First author	02
11	Water Resources Management	National conference on Emerging Trends in Civil Engg. for Infrastructure Development , Feb 15-16 , 2008, Technical Session-III	WoS	-	02

12	Remote Sensing and GIS Applications in Water Resource Management	National conference on Emerging Trends in Civil Engg. for Infrastructure Development , Feb 15-16 , 2008, Technical Session-V	WoS	-	03

Administrative assignments – II

S. No.	Assignment/ Designation	From	To
1	Engineer Incharge Construction	27/2/2007	2/3/2009
2	Coordinator Chemical Engg	27/2/2007	2/3/2009

Administrative assignments - III

S. No.	Assignment/ Designation	From	To	Number of Semester(s)
1	Chairman, Committee of Experts to conduct presentation for Post of Asstt. Professor , Chemical Engg.	25/09/2023	-	01 Semester
2	Chairman , Institute Solid waste Management Committee	11/12/2014	2016	Minimum 2 years (4 semesters)- 2016
3	Overall Coordinator NBA Accreditation 2022 –23 Civil Engineering	07/04/2022	Till now	3 semester
4.	PG Course Coordinator Environmental Engg	Jan 2006	April 2012	9 semesters
5	DPRC Coordinator Civil Engg	27/04/2007	May 2011	8 semesters

Administrative assignments - IV

S. No.	Assignment/ Designation	From	To
1	Member Department Research Programme Committee	24/05/2016	April 2022
2	Coordinator Post Graduate Programme of Environmental Engg	29/03/2023	Till now
4	Scrutiny of applications for the post of assistant & associate Professor for Chemical Engineering	06/11/2017	
5	Incharge Environmental Engg lab	18/01/2006	May 2011

Significant outreach activities (outside institute) –

S. No.	Name of the activity	Place	Dated
1	Expert member of Selection Committee for Recruitment of Assistant Professor at NIT Raipur	National Institute of Technology Raipur	29/3/2015 to 30/3/2015
2	Expert Member for Interview for the post of AGM (Tech) at MP RDC Bhopal	M.P. Road Development Corporation, Bhopal	19/9/2011
3	EXPERT MEMBER State Level Environment Award Committee , M.P. Pollution Control Board, Bhopal since last 14 years (2007-2024)	Meetings at Bhopal M.P.P.C.B. office , Bhopal	
4	Member , Building Advisory Committee of National Institute for Research in Environmental Health, Bhopal	Meetings at NIREH, Bhopal	30/08/2011
5	Expert Member for TEQIP- III implementation at Water Resources &	CSV TU, Bhilai	04.08.2017

	Environment Research Centre, CSVTU, Bhilai		
6	Member Purcgase Committee, M.P. Pollution Control board Bhopal	MPPCB , Bhopal	19/02/2018
7	Expert Meber for interview for the contractual position of Assistant Professor, Environment & Water resources Engg. at CSVTU, Bhilai	CSVTU Bhilai	11/09/2018
8	Expert Lecture at STTP on Env Engg & Practices	MITTS , Gwalior	14/03/2016
8	Expert member for Interview for the post of Consultant Engineering	CSVTU, Raipur	29/05/2021
9	Referee for Ph.D. Thesis evaluation of Mr. Sanghratana S. Waghmare	Rashtasant Tukadoji Maharaj Nagpur University, Nagpur	08/12/2016
10	Referee to examine Ph.D. Thesis of Mr. Ajay Vikram Ahirwar (Sch No. 12314001)	NIT, Raipur	15/12/2017
11	EXPERT MEMBER of M.P. State Environmental Appraisal Committee (SEAC)	Meetings at Bhopal M.P.P.C.B. office , Bhopal	Expert Member since 2017 to 2021
12	EXPERT MEMBER of M.P. State Environmental Appraisal Committee (SEAC)	Meetings at Bhopal M.P.P.C.B. office , Bhopal	Expert Member since 2021 to 2024
13	External Examiner Doctorate Viva voce Exam of Ms. Anjali Barwal	School of Energy & Environmental Studies, DAVV, Indore	26/10/2018
14	Evaluation of PhD Thesis of Mr. Deepak Sharma (Sch no. 15313004)	NIT, Raipur	29/05/2019
15	EXPERT MEMBER in 8 member Committee formed by for conservation of Upper lake Bhopal	National Green Tribunal, Bhopal	Feb 2014
16	Member, State Level Working Group for	M.P. Pollution Control	20/5/2011

	CEMS(Continuous Emission Monitoring Systems) & CAAQMS (Continuous Ambient Air Quality Monitoring Systems) ,	Board, Bhopal.	
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PG Dissertation Guided

S. No.	Title of Dissertation	Name of Student and Scholar No.	Year of Award
1	Industrial Emission Inventorization Study for Dewas City, Madhya Pradesh (India)	Anshu Kumar 2321103101	2025
2	A Comparative study of Machine Learning and Deep learning Models for Air Pollutants Prediction in Central Indian Cities	Adarsh Choudhary 2321103106	2025
3	Industrial Emission Inventorization Study for Ujjain City, Madhya Pradesh (India)	Ratipal Thakur 2321103108	2025
4	Quantification, Composition and Characterization Study for MSW Generated from Selected areas of Ujjain City, M.P. India	Suresh Pachore 2321103110	2025
5	Quantification and Composition Study for MSW Generated from Selected areas of Bhopal City, M.P. India	Ankit Yadav 2321103112	2025
6	GIS BASED EMISSION INVENTORY OF HOTEL& RESTAURANT SECTOR OF JABALPUR CITY DUE TO FUEL CONSUMPTION	ANCHAL MISHRA 222111301	2024
7	COMPREHENSIVE ASSESSMENT OF PARTICULATE MATTER EMISSION SOURCES IN JABALPUR CITY USING RECEPTOR MODELING TECHNIQUE	SHUBHAM PANDEY 222111302	2024
8	PREDICTING AND QUANTIFYING PHARMACEUTICAL INDUSTRY EMISSIONS IN MANDIDEEP, RAISEN (M.P.) USING AERMOD	UTKARSH DONDERIA 222111303	2024
9	STUDY OF ROAD DUST GENERATION IN UJJAIN CITY FOR AIR POLLUTION LOAD ANALYSIS	MAYANK UPADHYAY 222111304	2024
10	QUANTIFICATION OF CROP RESIDUE BURNING EMISSIONS IN INDO-GANGETIC PLAIN: AEROSOL SUBTYPE IDENTIFICATION AND HYSPLIT MODEL ANALYSIS	SAURABH YADAV 222111306	2024

11	PREDICTING AIR POLLUTANT CONCENTRATIONS IN BHOPAL, INDIA: AN ANN ARCHITECTURE WITH DIVERSE INPUT FEATURE SETS	ROSHAN KUMAR 222111312	2024
12	A study of emission inventory of air pollutants in Indore city.	Prakamya Tiwari 212111306	2023
13	Evaluation and statistical analysis of indoor environmental quality parameters of MANIT Bhopal.	Rachna Devi 212111317	2023
14	Assessment of air quality over Madhya Pradesh using sentinel 5-P satellite data for analysing trends variations and high concentration areas.	Saral Nigam 212111304	2023
15	Simulation of air pollutant emission from coal waste thermal power plant using Gaussian dispersion model.	Radhika Likhar 212111310	2023
16	Emission inventory and calculation of pollution load in Jabalpur city	Prsoon Lodhi 212111320	2023
17	Utilization of coal fly ash and agro waste for brick preparation – a solution towards sustainable development	Prerna Kandpal 202111301	2022
18	Eosin yellow dye adsorption on activated carbon prepared from sugarcane bagasse.	Vineet Kushwaha 202111318	2022
19	Utilization of brewery spent grain into value added products through ultrasonic assisted extraction technique.	Utkarsh Baranwal 202111310	2022
20	Lab scale study to examine the feasibility of sand filter unit for filtration of ash slurry supernatant water	Yogesh Krishna Tiwari 202111306	2022
21	Study and Analysis of Disinfection by products in drinking water supplied by Water Treatment Plant near Manuabhan ki Tekri, Bhopal	Sumit Sahu 192111319	2021
22	Fluoride Removal from Water by using an over burnt	Arun Raghuvanshi	2021

	bricks as low cost adsorbent	192111328	
23	Characterization of Alum for determining its suitability for Water Treatment Plants	Ankush Sah 192111324	2021
24	Study of Physical and Chemical properties of fly ash taken from different sources	Chetan Prajapati 1921113	2021
25	Lab Scale Study of Sewage Treatment using MBBR	P. Manikanta Nagaraju 192111325	2021
26	Synthesis of Perovskites & Its performance evaluation for Carbon Monoxide removal	Amol A. Chaudhari 182111319	2020
27	Performance Evaluation of Environmentally Sustainable Precast Cement Concrete Paver Blocks using Fly ash and addition of Polypropylene Fibre	Shashi Bala 172111319	2020
28	Feasibility study of blending filter backwash water with raw water treatment plant	Sandeep soni 162111310	2018
29	Performance and evaluation of slow sand filter based sewage treatment plant.	Nirmal patidar 152111311	2017
30	Utilization of Lime sludge from pulp & Paper Industry in Stabilization of Black Cotton Soil	Ms. Prachi Singh 132111305	2015
31	Municipal solid waste management plan for kolar municipality.	Priyanka Mehra 072111303	2009
32	Synthesis, Characterization and Reactor Performance Study on Copper Chromite for CO oxidation	Rohit Rai 142111303	2017
33	Encapsulation of ETP Chemical sludge from soap Industry in Concrete	Shashwat Gupta 142111317	2010

	MEMBERSHIP OF PROFESSIONAL BODIES		
S.N.	Name of Professional Bodies	Grade of Membership	Membership Number
1	The Institution of Engineers (India), Kolkata,	Life Member	M119029-0
2	Indian Society for Technical Education	Life member	LM 17086.
3	Indian Road Congress	Life Member	38758
4	Transportation Research Group	Life Member	Id-62
5	Indian Water Works Association, Mumbai	Life Fellow	LF- 1217
6	Indian Science Congress Association	Life Member	L 28555

(Dr. Anil Kumar Sharma)