

ER Sheet Data Entry Form

Basic Data

Officer ID No. Details

Service General CCS	GSS	Cadre		Sub Cadre		Id No. Y 170240046051	Employee Code 107
------------------------	-----	-------	--	--------------	--	-----------------------------	-------------------------

Select List Year (Allot Year)	1989
-------------------------------	------

Name Details

Title	First Name	Middle Name	Sur Name	Initials	SNS
Dr.	Shiv	Nath	Sharma		
Sex	<input checked="" type="radio"/> Male <input type="radio"/> Female	Date of Birth	21.11.1960	Date of Retirement	30.11.2020
Community	General	Religion	Hindu		
Father's Name	Late A. Sharma				

Birth Details

Birth Place	Andharwara	Birth State/UT	Bihar	Nationality	Indian
Birth District	Vaishali	Mother Tongue	Hindi		
Domicile	Delhi	Physically Handicap Status	No		
Blood Group	B+	Identification Marks	Cut mark on left thumb		

Marital Details

Marital Status	Married	Spouse Name	Nanhi Shailja
Spouse Nationality	Indian		

Joining Details

Source of Recruitment	DR through UPSC	Joining Date	01.01.1990	Retirement Details	30.11.2020
-----------------------	-----------------	--------------	------------	--------------------	------------

Departmental Examination Details N/A

Level	Year	Rank
1		
2		
3		

Remarks (if any)	
------------------	--

Language Known					
		Read	Write	Speak	
Indian Languages Known	1	English	Fluent	Fluent	Fluent
	2	Hindi	Fluent	Fluent	Fluent
	3	Urdu	Fluent	Fluent	Fluent
	4				
Foreign Lang. Known	1				
	2				
	3				

Address Details				
Permanent Address	Vill: Andharwara, P.O. Bidupur (Rly Stn)		City	Vaishali
	Distt: Vaishali			
	State/UT	Bihar	Pin Code	844502
Present Contact Address	Qtr. No. 230, Sector 12, R K Puram		City	Delhi
	State/UT	New Delhi		
	Phone (Off)	26563141	Fax.	26563108
	Phone(Res)		Mob No	9868287977
	E-Mail (Mandatory)	shiv9sharma@gmail.com		

Qualification (Use extra photocopy sheets for multi qualifications, experience, training, awards details)				
Qualification		Discipline		Specialization 1
M.Sc.		Chemistry		Physical Chemistry
Year	Division	CGPA	Specialization 2	
1985	1 st Class			
Institution		University	Place	Country
		DDU	Gorakhpur	India

Experience				
Type of Posting			Level	
Designation			Present Position	
Scientist "C"			Regular	
Ministry			Department	
MOWR, RD & GR			CSMRS	
Office			Place	
CSMRS			New Delhi	

Experience Subject		Period of Posting		
Major	Minor	From	To	
Concrete Chemistry, Quality Control of construction materials	Rock Mechanics	01.01.1990	Till date	
Note:-Refer the Annexure to fill above Major, Minor Subjects and below given training subject				
Training				
Training Year	Training Name		Training Subject	
Level	Institute Name, Place	Field Visit Country	Field Visit Place (within India)	
Sponsoring Authority	Period of Training		Duration	Result
	From	To	(in Weeks)	<input type="radio"/> Qualified
				<input type="radio"/> Not Qualified
Awards/Publications Attached in annexure I				
Type of Activity :		<input checked="" type="radio"/> Academic	<input type="radio"/> Non Academic	
Activity Area		Activity Subject		Activity Title
Day Month Year		Activity Description/Remarks		Level

Note: (i) Concerned officer is responsible for the correctness of information sent through ER Sheet proforma.

(ii) Subject to verification by the concerned administrative authorities.

Date : Place :

Information checked and
verified - by

Signature of Officer

Section Officer		Ministry/Department			
E-mail Id		Room No.		Building Name	
Phone No.		Wing No.			

LIST OF PUBLICATIONS

Sl Names of papers

- No.
- 1 Co-author of paper “Sustainability and Durability of Water Resources Structures under Aggressive Chemical Environment: A Case Study. Water Resources, Irrigation Practices and Sustainable Agriculture, ISBN: 978-93-86238-49-8, March 2018, pp 37-44
 - 2 **ISRO: Nike-Apache to GSLV-Mk III: 2018: ISBN: 9789385494277, Editor of the book**
 - 3 Co-author of paper “Quality Control and Assurance at 720 MW Mangdechhu Hydroelectric Project- A case study” International Conference on Natural Resources, Environment and Health (ICNREH-2017), March 28-29th, 2017 Organized by Department of Geology, Govt. Model Science College Rewa, Madhya Pradesh, MP
 - 4 Paper on “**Acidification of Kopili River: Need for the Augmentation of Catchment Area**”, Book on “**Hydrology and Watershed**”. ISBN: 978-93-84935-83-2. February 2016, International Journal
 - 5 **Leaching corrosion of concrete due to soft water attack**”, “**Recent advancements in Mineral & Water Resources**” ISBN: 978-93-84935-84-9, March 2016, International Journal
 - 6 Co-author of the paper “**Importance of Water Quality for Construction Purposes**”, published in the proceedings of seminar on “**Role of Water Resources in Changing Times**” organized by NIH during the period 19-20 October 2015.
 - 7 Co-author of the research paper on “**Development and Management of Water Resources: Need of the hour**”, published in RASA 2015.
 - 8 Principal author of paper entitled “Effect of contamination on long term durability of Rihand Dam, Uttar Pradesh, India- a case study” International Journal of Research in Chemistry and Environment, vol.II, issue 4, pp192-199,ISSN 2248-9649, 2014
 - 9 Principal author of the paper titled “Health Monitoring of Re-enforcement in Concrete Piers in a Barrage Project” published in International Journal of Modern Engineering Research (IJMER), ISSN:2249-6645, Vol.4, Issue 1, Jan. 2014
 - 10 Co-author of paper titled “Influence of Chemical Industry Effluent on Water Quality of Gobind Ballabh Pant Sagar-A Long Term Study” published in International Journal of Engineering Science Invention, ISSN (Online):2319-7334; ISSN (Print): 2319-6726, Vol.3, Issue 1, , pp 07-13. Jan 2014
 - 11 Co-author of paper titled, “Long Term Monitoring of the Govind Ballabh Pant Sagar in the Region around a Thermal Power Plant” published in International journal of Innovative Research and Development, ISSN: 2278-0211, Vol.3, Issue. I, pp 41-47, 2014
 - 12 Co-author of paper on “Materials as replacement of cement utilization of fly ash in cost effective construction” published in proceedings of Eighteenth National Symposium on Environment (NSE-18) organized on ‘Current Perspective on Environmental Protection’ by the Department of Chemical Engineering JNTUA College of Engineering, during the period 11-12 March 2013, pp416-419.
 - 13 Co-author of a paper entitled “Health monitoring of hydro-electric projects in Himalayan region – case study” published in the proceedings of a Seminar organized by BIS, New Delhi on 30th November 2012 on the topic titled ‘Dams and Spillway in Himalayan Regions’
 - 14 Guide/Supervisor of M. Tech thesis work of **Mr. Indresh Singh**, a student of M.Tech, (Civil)-Environmental Engineering (2010-12 Batch) on the topic titled “**Durability Studies on Mortar Mix With 35% Fly Ash in Variable Chemical Environmental Conditions**” prepared for submission at Madan Mohan Malviya Engineering College (MMEC), Gorakhpur for award of M.Tech Degree.
 - 15 Guide/Supervisor of M. Tech thesis work of **Mr. Akash Kumar**, a student of M.Tech, (Civil)-Environmental Engineering (2010-12 Batch) on the topic titled “**Leaching studies on fly ash and performance of fly ash mixed mortar in changed sulphatic conditions**” prepared for submission at Madan Mohan Malviya Engineering College (MMEC), Gorakhpur for award of M.Tech Degree.
 - 16 Principal author of paper entitled “Effect of contamination on long term durability of Rihand Dam, Uttar Pradesh, India- a case study” International Journal of Research in Chemistry and Environment,

- 17 Co-author of the paper titled, ‘**ACID MINE DRAINAGE – ITS DETECTION, DETRIMENTAL IMPACTS AND REMEDIATION**’ published in the International Conference on Sustainable Water Management and Climate Change Adaptation, pp143-158
- 18 Paper on ‘Acid Mine Discharge - Challenges met in a Hydropower Project’ International journal of Environmental Science, Vol.1, No.6, 2011, pp. 1274-1282. (ISSN:0976-4402)
- 19 **Co-author of the paper titled, “Health monitoring of hydroelectric projects in Himalayan region – case study” part of the BIS.**
- 20 Paper on “Impact of Acid Mine Drainage on Elements of Kopili HE Project, Assam; Journal of Civil Engineering and construction Review (CE & CR), , Pp 90-97, June 2011
- 21 Co-author of paper titled “Water Resources Projects in Himalyan Region” published in the Water Digest, November 2006
- 22 Co-author of paper titled “Concrete par sulphate kaa prabhav” published in the magazine RASA in the year 2007.
- 23 Paper titled “Use of resin capsules for rock bolting” published in POLYBUILT 2003.
- 24 Principal author of the paper titled “INSTRUMENTATION FOR THE UNDERGROUND POWER HOUSE OF SARDAR SAROVAR PROJECT, GUJARAT” IGC-1994, pp 377-380.
- 25 Co-author of the paper titled GROUTING IN PERVIOUS FOUNDATION FOR DAMS published in the proceedings of the Workshop on RECONSTRUCTION INVESTIGATION for the proposed Pagladia Dam Project, Assam held in February 1998 at CSMRS, New Delhi
- 26 Principal author of the paper titled “Use of resin capsules for Rock Bolting”, Symposium on Advances in Polymeric Building Materials, 6-7 March 2003, CBRI, Roorkee, India
- 27 Principal author of the paper titled “Potential Soft Water Leaching Attack on Concrete of Tala Hydroelectric Project, Bhutan” International Conference on Recent Trends in Concrete Technology and Structures, 10-12 September 2003, Coimbatore, India.
- 28 Principal author of the paper titled “Exposure of Dam Concrete to Chemically Aggressive Water” International Conference on Recent Trends in Concrete Technology and Structures, 10-12 September 2003, Coimbatore, India
- 29 Co-author of the paper titled “Instrumentation For The Underground Powerhouse Of Sardar Sarovar Project, Gujarat” part of the Book INSTRUMENTATION IN GEOTECHNICAL ENGINEERING published in 2001 by Oxford & IBH Publishing Co. Pvt. Ltd, New Delhi pp 414-422.

Sl Lecture

- No.
- 1 Invited lecture on “**Quality Control Aspects & Measures for Hydro Structures**” during training programme on “Strategies for Sustainable Development: Goals and Issues” organized at Madan Mohan Malviya Technical University, Gorakhpur, UP during 19-25 February 2018
 - 2 Lecture on, “**Water Quality for Construction Purpose & Quality measures required to be adopted in field**” during the training course on” on “Durability of Concrete under Aggressive Chemical Environment” from 2-3 November 2017 organized at CSMRS.
 - 3 Delivered Key-note lecture on the topic “**Water Quality and its Management for Hydro structures**” in the National Seminar on “Watershed Management for Sustainable Development” Organized by Department of Geology, Government Science College, Rewa (MP) during the period 15-16 February 2014.
 - 4 Delivered technical lecture on the topic “**Suitability of Water for use in construction**” in training programme organized at CSMRS for the employees of PHPA, Bhutan during the period 18-29 November 2013.
 - 5 Delivered technical lecture on the topic “ **Water Quality and its Management for Construction Purposes**” in the training course on “Water Quality & Environment for Hydro-structures” organized by CSMRS during the period 6-8 November 2013

- 6 Delivered lecture on “Health monitoring of hydro-electric projects in Himalayan region – Case study” at BIS, New Delhi on 30th November 2012 during the proceedings of Seminar organized by BIS on the topic titled ‘Dams and Spillway in Himalayan Regions’
- 7 Delivered technical lecture on the topic “**Chemical Grouting**” in the training course on “**Drilling and Grouting Technology for River Valley Projects**” organized by CSMRS during the period 8 & 9 October 2013
- 8 Delivered invited lecture on topic titled “Water Quality & Environment for Construction Purpose” during two days “National Workshop on Chemistry & Environment” organized by ISCA, Bhopal Chapter at Career College, Bhopal during the period 28-29 April 2012.
- 9 Delivered lecture on “**Effect of environmental factor on durability of concrete**” during the training programme organized by CSMRS on “**Repair and Rehabilitation of Dams**” held during 16-17th February 2012
- 10 Invited lecture on “**Suitability of Water for construction purposes**” in the training course on Water Quality and its Management organized jointly by NIH, Roorkee and CSMRS at New Delhi during 8-12 December 2010.
- 11 Invited lecture on “**Water Quality and its Management**” in National Women Science Congress 2010 and National Seminar on Water and Environment” organized by Indian Science Congress Association, Bhopal Chapter at Sant Hirdaram Girls College, Bhopal during the period 28-29 March 2010.the training course on Water Quality and its Management organized jointly by NIH, Roorkee and CSMRS at New Delhi during 8-12 December 2010.
- 12 Invited lecture on “**Water Quality and its Management**” in the National Seminar on Water and Environment: challenges for Water Resource Management in 21st Century” organized by Department of Geology, Government Motilal Vigyan Mahavidyalaya, Bhopal during the period 12-13 March 2011.
- 13 Delivered a lecture On ‘Water Quality for Construction Purposes’ during the training programme organized by NIH & CSMRS, 2010
- 14 Lecture on “**Importance of Water Quality in Construction**” in the training programme “Water Quality and its Management” organized by NIH and CSMRS at CSMRS, New Delhi during the period 16-16 July 2007
- 15 Lecture on “**Importance of Water Quality in Construction**” in the training programme organized by CSMRS on “Geo-material Testing” for the Ethiopian Roads Authority during the period 18-22 February 2008.
- 16 Delivered Lecture on “**Grouting in Dam Concrete**” during the training course on Concrete Technology for Water Resources organized by CSMRS for the working scientist and engineers at CSMRS in 2004.

Educational Qualification

B.Sc. (Chem. Hons.), M.Sc. (Chemistry), Ph.D. (Chemistry), PGDOM, MBA in Project Management

Name of Institution/ University	Qualification Obtained (with division and year of passing)	Duration of Study		Subjects of Study
		From	To	
Bihar Secondary Examination Board	Matriculation, II, 1976	1972	1976	Phy, Chem, Math, Eng, Hindi, SNK, SST
University of Bihar, Muzaffarpur	I. Sc., I, 1979	1977	1979	Phy, Chem, Math, Eng, Hindi,
University of Bihar, Muzaffarpur	B. Sc. Chem (Hons), II, 1982	1979	1982	Chem (Hons), Phy & Maths
Gorakhpur University, Gorakhpur	M. Sc. (Chem), I, 1985	1983	1985	Specialization in Physical Chemistry
Gorakhpur University, Gorakhpur	Ph.D. (Chem.), 1992	1986	1989	“Studies on press-mud a non- conventional source of energy” under DNES, GOI sponsored project.
IGNOU	PGDOM, II, 1997	1996	1997	Post Graduate Diploma in Operation Management
Alagappa University	MBA (PM), II, 2009	2007	2009	Mgmt. Concept, Organizational Behavior, Managerial Economics, Quantitative Methods, Business Labs, Finance and Mgmt, Project Formulation and Appraisal, Project Support System, Project Planning and Execution, Project Control System, Project Risk Mgmt., Project Finance, Project Contracting and Clearance, Project Reports, E-Commerce Application in Project Mgmt., Project Exports, Disaster Mgmt., Small Business Mgmt, Project Preparation

Details of Experience

Name of the Post and Employer	Period		Nature of Duties
	From	To	
JRF , University of Gorakhpur, UP	1985	1987	Research experience in the field of Non-conventional Energy Source under the project sponsored by Department of Non-Conventional Energy Sources, GOI, New Delhi.
SRF , University of Gorakhpur, UP	1987	1989	-do-
Research Assistant, CSMRS, GOI	01.01.1990	04.04.1997	Geo- technical investigation of river valley projects in Rock Mechanics Division.
Assistant Research officer, CSMRS, GOI	04.04.1997	27.04.2011	Geotechnical investigation of construction materials with special emphasis to problem oriented to field and applied research and analysis of water/wastewater/industrial effluents for its suitability to be used in construction purpose and long term effect on durability of concrete.
Scientist B Central Soil and Materials Research Station	27.04.2011	29.10.2017	As above and R&D work on performance of mortar under inferior quality water as per one of the mandate of ISO 2000 under the Institutional Cooperation Programme of MOWR.
Research Officer, PHPA, RGoB (on deputation)	17.10.2014	22.04.2016	Quality control work of the 1020 MW mega Hydro-structure Power Project of PHPA-II.
Senior Research Officer, PHPA, RGoB (on deputation)	23.04.2016	16.10.2017	Quality control work of the 1020 MW mega Hydro-structure Power Project of PHPA-I.
Scientist 'C'	30.10.2017	Till date	Concrete Chemistry Division

Detail of deputation (If applicable):

Name of the office	Post held at that time in parent office	Name of post (selected for deputation)	Period of deputation	
			From	To
PHPA-II, Bhutan	Scientist 'B'	Research Officer	17.10.2014	16.10.2017

- Worked at PHPA-II as RO from 17.10.2014 to 22.04.2016 & as SRO in PHPA-1 Since 23.04.2016 to 16.10.2017

Detail of foreign Visit:

SL No	Place of visit	Date of visit	Post held at that time	Whether it is a personal or official visit	Details of visit
1	Tala HE, Project, Bhutan	2003	Assistant Research Officer	Official	In-situ water quality tests, selection of sites and further collection of water and silt samples for detailed laboratory analysis to assess its suitability for construction purpose and long term durability of concrete.
2	Sapta Kosi and Sun Kosi, Nepal	04.05-2006 to 13-05-2006	Assistant Research Officer	Official	In-situ water quality tests, selection of sites and further collection of water and silt samples for detailed laboratory analysis to assess its suitability for construction purpose and long term durability of concrete.
3	Arun-3, HE Project, Nepal	23-02-2011 to 04-03-2011	Assistant Research Officer	Official	Suitability of water of main river and available sources in the immediate vicinity of the proposed dam site for its use in mixing and curing purposes and its long term effect on durability of concrete and sediment analysis.

Transfer/posting details (if applicable): N/A

Place	Period of posting	
	Since	From

Name: **Dr. SN Sharma**
Designation: Scientist-C