

ER Sheet Data Entry Form									
Name of Organization : CENTRAL WATER AND POWER RESEARCH STATION, PUNE									
Employee No. : E-1760									
Service	Central Civil Service	Designation	SCIENTIST B		Sub Cadre	Group –A Gazetted			
Joining Date : MAY, 02-2022									
Name Details									
Title	First Name	Middle Name			Surname				
DR.	SRINIVAS				BILLAKANTI	Initials	DR.BS		
Identity Card No. : 2661									
Sex	MALE	Date Of Birth (DD-MM-YYYY)	15-06-1988		Date of Retirement	30-06-2048			
Community	OBC		Religion		HINDU				
Father's Name	SOMIAIAH BILLAKANTI								
Birth Details									
Birth Place	NALGONDA		Birth State/UT	TELANGANA		Nationality	INDIAN		
Birth District	NALGONDA		Mother Tongue			TELUGU			
Domicile			Physically Handicap Status						
Blood Group	A+ve		Identification Marks			A MOLE ON THE RIGHT CHEECK			
Marital Details									
Marital Status	MARRIED		Spouse Name			SRAVANI KOPPERA			
Spouse Nationality	INDIAN								
Joining Details									
Source of Recruitment	UPSC		Joining Date	02-05-2022	Retireme nt Date	30-06-2048			
Departmental Examination Details (If applicable)									
Level			Year			Rank			
1									
2									
3									
Remarks (if any)									
Languages known									
	Name of Language			Read	Write	Speak			
Indian Languages Known	1	TELUGU		YES	YES	YES			
	2	ENGLISH		YES	YES	YES			
	3	HINDI		YES	YES	YES			
Foreign Languages Known	1								
	2								
	3								

Details 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	
			Since	From

Details 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

Transfer/Posting Detail (if applicable)

Place	Period of posting	
	Since	From

Qualification (Use extra photocopy sheets for multi qualifications, experience, training, awards details)			
Qualification	Discipline		Specialization 1
PHD	CHEMISTRY		INORGANIC CHEMISTRY
Year	Division	CGPA/ % Marks	Specialization 2
2017	I	--	WATER QUALITY ANALYSIS
Institution	University	Place	Country
SCHOOL OF CHEMISTRY	UNIVERSITY OF HYDERABAD	TELANGANA	INDIA

Qualification (Use extra photocopy sheets for multi qualifications, experience, training, awards details)			
Qualification	Discipline		Specialization 1
POST DOCTORAL FELLOW (PDF)	CHEMISTRY		INORGANIC CHEMISTRY
Year	Division	CGPA/ % Marks	Specialization 2
2018-2022	--	--	NANOMATERIAL CHEMISTRY
Institution	University	Place	Country
ADVANCED CENTER OF RESEARCH IN HIGH ENERGY MATERIALS, DRDO.	UNIVERSITY OF HYDERABAD	TELANGANA	INDIA

Experience	
Type of Posting	Level
DIRECT RECRUITMENT	Group 'A' Gazetted
Designation	Present Position
SCIENTIST 'B'	SCIENTIST 'B'
Ministry	Department
MINISTRY OF JAL SHAKTI	DEPARTMENT OF WATER RESOURCES, RD & GR

Office		Place	
CWPRS, KHADAKWASALA, PUNE		PUNE	
Experience Subject		Period of Posting	
Major	Minor	From	To
CHEMISTRY	WATER QUALITY ANALYSIS	2022	TILL DATE
Note:-Refer the Annexure to fill above Major, Minor Subjects and below given training subject (minimum 1 week & above)			
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)
			Qualified
Awards/Publications			
Type of Activity:		Academic	Non Academic
Activity Area		Activity Subject	Activity Title
Day	Month	Year	Activity Description/Remarks

Note: (i) Concerned CCS Officer is responsible for the correctness of information sent through ER Sheet Performa.

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

Date : **04-07-2022**

Place : **PUNE**

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:

Peer Reviewed Articles

1. Anju Joseph, **B. Srinivas**, M. Ahmad Pandit, Sajmina Khatun, Aravind Kumar Rengan and K. Muralidharan, Impact of bandgap tuning on ZnS for degradation of environmental pollutants and disinfection, *Environmental Science and Pollution Research*, **2022**, DOI:10.1007/s11356-022-19677-y.
2. **B. Srinivas**, Anjana K. O., H. Vignesh Babu and K. Muralidharan, 'Catechol based polyphosphates with tunable microstructure-assisted Li-ion conductivity as solid polymer electrolytes', *ACS Applied Energy Materials*, **2022**, ae-2020-010674. (Under Revision)
3. M. Ahmad Pandit; D. S. Hemanth Kumar; **B. Srinivas**; K. Muralidharan, Chalcopyrite with Magnetic and Dielectric Properties: An Introductory Catalyst for 4-Nitrophenol Reduction, *J. Phys. Chem. C*, **2020**, 124, 33, 18010–18019.
4. **B. Srinivas**, M. Ahmad Pandit and K. Muralidharan, Importance of Clean Surfaces on the Catalyst: SnS₂ Nanorings for Environmental Remediation, *ACS Omega*, **2019**, 4, 14970-14980.

5. **B. Srinivas** and K. Muralidharan, Facile preparation of surfactant or support material free CdS nanoparticles with enhanced photocatalytic activity, *Journal of Environmental Chemical Engineering*, **2018**, 6, 1, 1250-1256.
6. **B. Srinivas**, B. Ganesh Kumar and K. Muralidharan, Recyclable Ni₃S₄ Nanocatalyst for Hydrogenation of Nitroarenes, *ChemistrySelect*, **2017**, 2, 4753 – 4758.
7. **B. Srinivas**, B. Ganesh Kumar and K. Muralidharan, Stabilizer free copper sulphide nanostructures for rapid photocatalytic decomposition of rhodamine B, *Journal of Molecular Catalysis A: Chemical*, **2015**, 410, 8–18.
8. Anjana K. O., **B. Srinivas**, Karupiah Murugan and K. Muralidharan, Poly(methyl methacrylate)/polyphosphate blends with tunable refractive indices for optical applications, *Optical Materials*, **2020**, 104, 109841.
9. M. Ahmad Pandit, **B. Srinivas** and K. Muralidharan, A simplistic approach for the synthesis of CuS-CdS heterostructure: A novel photo catalyst for oxidative dye degradation, *Journal of Environmental Chemical Engineering*, **2020**, 8, 103542.
10. B. Ganesh Kumar, **B. Srinivas** and K. Muralidharan, Photo-responsive Bi₂S₃ nanoflakes: Synthesis and device fabrication at ambient conditions, *Materials Research Bulletin*, **2017**, 89, 108–115.
11. B. Ganesh Kumar, **B. Srinivas**, M. Durga Prasad and K. Muralidharan, Ag/Ag₂S heterodimers: tailoring the metal–semiconductor interface in a single nanoparticle, *J Nanopart Res.*, **2015**, 17, 325.
12. H. Vignesh Babu, **B. Srinivas**, K. Praveen Kumar Naik and K. Muralidharan, Polymerization behaviour of butyl bis (hydroxymethyl) phosphine oxide: Phosphorus containing polyethers for Li-ion conductivity, *J. Chem. Sci.* **127**, 4, **2015**, 635–641.
13. H. Vignesh Babu, **B. Srinivas** and K. Muralidharan, Design of polymers with an intrinsic disordered framework for Li-ion conducting solid polymer electrolytes, *Polymer*, **2015**, **75**, 10-16.

Symposia and Conferences:

International and National:

- 1) **Billakanti Srinivas** Participated in the workshop “**National Workshop on Advances in X-ray Powder Diffractometry & Scanning Electron Microscopy**” during 15-17 July. 2013 conducted by the Department of Metallurgical and Materials Engineering, Rajiv Gandhi University of Knowledge Technologies (RGUKT), Hyderabad, India.
- 2) **Billakanti Srinivas** and Krishnamurthi Muralidharan, presented a **poster** at Modern Trends in Inorganic Chemistry (MTIC- XV) held at department of chemistry IIT-Roorkee, India on 13-16 Dec. 2013.
- 3) **Billakanti Srinivas** and Krishnamurthi Muralidharan, presented a **poster** in In-house symposium, School of Chemistry, **University of Hyderabad** on 12-13 Feb. 2013. **Chemfest-2013**
- 4) **Billakanti Srinivas** and Krishnamurthi Muralidharan, presented a **poster** in In-house symposium, School of Chemistry, University of Hyderabad on 15-16 Feb. 2014. **Chemfest-2014**
- 5) **Billakanti Srinivas** and Krishnamurthi Muralidharan, presented a **poster** at **1st Indo-Taiwan** Symposium on Recent Trends in Chemical Sciences on 17-18 Nov. 2014, organized by University of Hyderabad, Hyderabad, India.
- 6) **Billakanti Srinivas** Participated in the **Royal Society of Chemistry** Indian Roadshow Workshop on 7 Nov 2014 organized by University of Hyderabad, Hyderabad, India.
- 7) **Billakanti Srinivas** and Krishnamurthi Muralidharan, presented a **poster** at

- International Symposium on Polymer Science and Technology (**MACRO-2015**), 23-26 Jan. 2015 at Indian Association for the Cultivation of Science, Kolkata, India.
- 8) **Billakanti Srinivas** Presented Oral Presentation on Feb. 2016 “Stabilizer free copper sulphide nanostructures for rapid photocatalytic decomposition of rhodamine B” presented at **Chemfest-2016, 13th Annual In-House Symposium** in School of Chemistry, University of Hyderabad, Hyderabad, India.
 - 9) **Billakanti Srinivas** Presented Oral Presentation on “Nanomaterials Synthesis and Their Applications” on March 9th at **Dr. K.V. Rao Scientific Society**, Hyderabad, India.
 - 10) **Billakanti Srinivas** participated in the Block course entitled “**Advanced Transmission Electron Microscopy and Spectroscopy**” conducted at the University of Hyderabad, **Hyderabad. 15th March- 15th April.**
 - 11) **Billakanti Srinivas** and Krishnamurthi Muralidharan, presented a **poster** at **CRSI NSC-21** conducted at the **CSIR-Indian Institute of Chemical Technology (IICT)**, Hyderabad. 13-16 July, 2017.
 - 12) **Billakanti Srinivas** participated in the **I2CAM– JNCASR School on Clean and Renewable Energy Technologies via Chemical Route**, November 27th to December 2nd, at JNCASR- Bengaluru.
 - 13) **Billakanti Srinivas** participated in a one- day workshop on **Development of Binders and Plasticizers for Energetic Applications** on December 15th, at Advanced Center of Research in High Energy Materials (**ACRHEM**), University of Hyderabad, Hyderabad.
 - 14) **Billakanti Srinivas** and Krishnamurthi Muralidharan, presented a **poster** at 8th International Collaborative & Cooperative Chemistry Symposium conducted at the University of Hyderabad, Hyderabad. 18-19 December, 2017.
 - 15) **Billakanti Srinivas** and Krishnamurthi Muralidharan, presented a **poster** at National Symposium on Convergence of Chemistry and Materials (**CCM-2017**) conducted at the Department of Chemistry, **BITS-Pilani, Hyderabad**. 21-22 December, 2017.
 - 16) **Billakanti Srinivas** and Krishnamurthi Muralidharan, presented a **poster** at International Conference on Advanced Semiconductor Materials and Devices (**ICASMD-2018**) which was conducted by **C-MET, Hyderabad**. 8-10 March, 2018. (**Best Poster award**)

Professional Achievements, Academic Awards and Recognitions:

- Qualified **CSIR-UGC NET-JRF** in “**Chemical Sciences**” for Ph.D. Fellowship & Lectureship (**Dec 2011**). **Secured All India 73rd rank.**
- Qualified **GATE- 2015**. **Secured all India rank 2180.**
- Awarded as a **Best Poster Prize** at the International Conference on Advanced Semiconductor Materials and Devices (**ICASMD-2018**) which was conducted by **C-MET, Hyderabad**.

Reviewer:

- Journal of Nanoparticle Research
- Journal of Materials Science
- Materials Research Bulletin
- Advances in Materials
- RSC-Journal of Materials Chemistry B