

1. Name : JOSHY GEORGE



2. Date of Birth : 26th May 1975

3. Current Position and Address(with E-mail & Phone no.)

Senior Technical Officer,
Environmental Management Division,
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4. Educational qualifications: (Graduation and above)

Sl. No	Degree/ Certificate	Year of Passing	University/ Institute	Subjects
1	B.Sc.	1995	Kerala University, Trivandrum, Kerala	Chemistry, Physics, Mathematics
2	M.Sc.	1998	Mahatma Gandhi University, Kottayam, Kerala	Environmental Management
3	PhD	2015 (thesis submitted)	Mahatma Gandhi University, Kottayam, Kerala.	Environmental Sciences

5. Work experience

	Designation	Institution/company	From	To	Nature of work
1	Senior Technical Officer	CSIR- Central Institute of Mining and Fuel Research, P.O. FRI, Dhanbad	23-10-2013	continuing	Involved in departmental and inter-departmental projects , operation and maintenance of ICP-OES, GC-MS, and other sophisticated instruments, . member of different technical committees for instrument purchase, ISO internal auditing etc.
2	Technical Officer	CSIR- Central Institute of Mining and Fuel Research, P.O. FRI, Dhanbad	23-10-2008	22-10-2013	
3	Senior Technical Assistant	CSIR- Central Institute of Mining and Fuel Research, P.O. FRI, Dhanbad	23-10-2003	22-10-2008	
4	Junior Technical Assistant	CSIR- Central Institute of Mining and Fuel Research, P.O. FRI, Dhanbad	23-10-1998	22-10-2003	

6. Area of specialization: Emission measurement, Health risk assessment, EIA, Environmental auditing,

7. Honors/Awards received:

8. Fellowships/Scholarships:

9. No. of Research Publications:

- Papers in journals : Twenty three (23)
- In conference proceedings : Twenty Four (24)
- Invited/key-note addresses :
- List of best 05 publications :

6. George J, Masto R E, Ram L, Das T, Rout T, Mohan M (2015) Human Exposure Risks for Metals in Soil Near a Coal-Fired Power-Generating Plant, Archives of environmental contamination and toxicology. 68: 451–461 (IF : 1.895)
7. T.K. Rout, R.E. Masto, L.C. Ram, J. George, P.K. Padhy (2013) Assessment of human health risks from heavy metals in outdoor dust samples in a coal mining area, Environmental geochemistry and health, 35:347-356. Springer, China (IF 2.076)
8. Masto R. E., K K Sunar, T Sengupta, L C Ram, V A Selvi, J George, A K Sinha (2012) Evaluation of co-application of fly ash and sewage sludge on soil biological and biochemical quality. Environmental Technology, 33:897-905, Taylor and Francis, UK, (IF 1.606)
9. George J., Thakur.S.K., Tripathi.R.C., Ram.L.C, Gupta. A, Prasad.S. (2010), Impact of coal industries on the quality of Damodar River water, Toxicological and Environmental chemistry, 92: 1649-1664. Taylor and Francis, USA, (IF 0.723)
10. S. Sinha, R. E. Masto, L. C. Ram, V. A. Selvi, N. K. Srivastava, R. C. Tripathi, Joshy George (2009) Rhizosphere soil microbial index of tree species in a coal mining ecosystem. Soil Biology and Biochemistry, 41:1824-1832, Elsevier, Netherlands, (IF 3.654)

10. Number of Books authored/edited:

11. (a) No. of Patents granted/applied for:

(b) Technologies developed, Licensed and/or commercialized:

12. Foreign visits: Attended ICP-6000 application user training at Cambridge, United Kingdom from 9th to 13th September, 2013.

13. Details of Professional memberships:

14 . Major contributions: (Max. 150 words)

R & D support:- Involved in different departmental and inter-departmental projects, operation and maintenance of sophisticated instruments like ICP-OES, GC-MS, TOC analyzer, CHNS analyzer, particle size analyzer, XRD, microwave digestion and extraction systems etc.

Administrative involvements of the division like member of different technical committees for instrument purchase, ISO internal auditing etc.

Technical aid to the industries:- Technical and consultancy services were rendered to various public and private sector organizations by the way of sampling and analysis of various environmental parameters and report preparation of the same, as required by Central Pollution Control Board, Govt. of India, for certification on environmental quality maintenance by the industries. These works were carried out on consultancy basis and hence, increase in the ECF of the institute.

Academic support :- Guiding students from different universities on their dissertation work, training on instrumental analysis to AcSIR Ph D scholars, demonstration of instruments/lab facilities to students from schools/colleges visiting the institute.

15. Technologies and Products/ Services

- (i) Developed:
- (ii) Licensed:
- (iii) Commercialized:

16. Designs and Prototype Developed:

17. Honours and awards won for technological contributions or sociological impact of R&D:

Signature