

1. Name: Dr. M. S. Alam



2. Date of Birth: 03-04-1962

3. Current Position and Address: Sr. Principal Scientist, Room No.51, Main Building, CSIR-CIMFR, Headquarters, Barwa Road, Dhanbad- 8260015

Residence: Shahnaz Villa, Bengalow No.7, Near Binod Bihari Chouk, Babudih, Pandarpalla, Dhanbad;

Mob.: 9431121457, e-mail: dr.msalam@gmail.com

4. Educational qualifications: (Graduation and above)

Sl. No.	Degree/ Certificate	Year of Passing	University/ Institute	Subjects
i	B. Sc (Hons.)	1981	AMU, Aligarh	Chemistry
ii	M. Sc.	1983	- do-	Analytical Chemistry
iii.	M. Phil	1986	-do-	Chemistry
iv.	Ph.D.	1988	-do-	Chemistry

Note: **Ph.D. work was completed at ITRC, Lucknow and registered at AMU, Aligarh on the topic "Chemical, Physical & Biological factors in the toxic effects of leachable plastic additives"**

5. Work experience

Designation	Institution/company	From	To	Nature of work
i. Scientist - B	ITRC (IITR), Lucknow	1991	1994	Polymer Toxicology & Environmental Management specially Water/Air Pollution
ii. Scientist - B, C & E1	CSIR-PTC, Patna	1994	2002	Technology Transfer & Rural Development
iii. Scientist - E I, EII & Sr. Principal Scientist	CSIR-CIMFR- Dhanbad	2002	till date	Rural Development & Editing in-house Publication

6. Area of specialization: Rural Development, Technology Transfer, Editing in house publication

7. Honors/Awards received:

- ☞ **1987:** Awarded Certificate for the best paper of a session and considered for the Gold Medal in the 7th Annual Conference of Society of Toxicology, India, held at Guwahati from April 11-13, 1987.
- ☞ **1990:** Awarded Certificate by Director and Co-ordinator Waters for the successful completion of a course in Liquid Chromatography at Bangalore from Nov. 11 - 16, 1990.
- ☞ **1993:** Awarded certificate by the Director, ITRC, Lucknow for the services rendered in the organisation and participated as Faculty member in the Training Course on Risk Assessment and Management sponsored by the Ministry of Environment & Forests, Govt. of India under the World Bank Aided Project on Industrial Pollution Control organised by ITRC, Lucknow during June 5 - 25, 1993.
- ☞ **1993:** Awarded certificate for the successful completion of the Training Programme on Water Quality Monitoring and Hydrological Measurements at Central Water Commission, Varanasi during October 11-13, 1993.
- ☞ **1996:** Awarded certificate for the successful completion of the Computer Training Programmes on " Executive Education of some of the Software i.e. MS DOS., WORD STAR., LOTUS 123 ". The programme was conducted by the CYBERNATIX, Calcutta for two weeks: From 25th June to 6th July 1996. Although at present the Candidate is operating the WINDO System, Corel Draw System and VENTURE System as well.
- ☞ **1998:** Awarded Certificate for the successful completion of the Training/Demonstration Programme on "Technology of Fruits and Vegetables Products" held at CFTRI - Mysore, from 31st August to 11th September 1998.
- ☞ **2001:** Received Certificate of Excellence & Medal from the Hon'ble Minister Science & Technology, Govt. of Bihar, Patna for the promotion and popularisation of Scientific Innovations in the state of Bihar in the valediction of the Patliputra - Udyog Mela, at Gandhi Maidan, Patna August, 2001.
- ☞ **2001:** Received Certificate and Memento from NGOs for providing guidance and suggestions for the generation of self - employment opportunities among the educated - unemployed youth, farmers specially the women

entrepreneurs on the occasion of National Seminar on Mushroom held at IMA -Hall, Patna on 11th October, 2001.

- ☞ **2001:** Received Memento from the Growers Association of Bihar for the promotion of Agricultural & Horticultural Crops in the state during the function of Growers Association held at Bihar Industries Association Hall on 12th November 2001.
- ☞ **2001:** Received Certificate of Appreciation and Memento from Director, Horticulture, Govt. of Bihar, on behalf of the collaborating NGOs (12 numbers), for motivating the educated unemployed youth, farmers specially the women entrepreneurs in Bihar in the valedictory function of Demonstration cum Training on Mushroom at Indian Medical Association Hall, Patna on 11th October 2001. Eleven NGOs collaborated with CSIR - PTC, Patna in the said program.
- ☞ **2001:** Received Memento from State Minister Science & Technology, Govt. of Bihar on behalf of the Growers Association of Bihar in a function organised by FNS, Patna at Bihar Industries Association Hall, Patna on 12th November, 2001.
- ☞ **2001:** Received Memento from Sri Jyoti Mohan Prasad (IPS), the former Inspector General, Police, Bihar on behalf of the Federation of NGOs for Self Employment, Patna in a function organised by them at Bihar Industries Association Hall, Patna on 12th Nov. 2001.
- ☞ **2002:** Received Memento from the Federation of NGOs for Self - Employment "FNS", Patna for the guidance towards promotion of Mushroom and Medicinal and Aromatic Plants in the state on 20th May 2002 at Ashiana Tower, Patna.
- ☞ **2004:** Awarded Certificate for the successful completion of a programme on "**IMPACT training for trainers course**" organized by Strategic HR Services Pvt. Ltd., New Delhi during 4th - 7th February 2004. In this program learned about the Adult learning processes & style, performance objectives and content analysis, session planning and development, on job training and techniques, small group discussion and facilitation, rapport building techniques, presentation skills and audio/visual resources.
- ☞ **2004:** Awarded Certificate for the successful completion of a training program on "**Management of R&D**" organized by Institute of Management Technology, Ghaziabad, during 16th -20th February 2004, at HRD, CMRI, Dhanbad. In this program learned about the Knowledge management, R&D Management, Financial management, Basic concepts of marketing, Managerial knowledge skills & performance, managerial decision making, management and creation of wealth, team work, communication skill, presentation skill, Intellectual property rights and several other aspects of management.

8. Fellowships/Scholarships: JRF (Ministry of Environment & Forest, Govt. of India), SRF: CSIR, New Delhi

9. No. of Research Publications:

- Papers in journals: 10
- In conference proceedings: 25
- Invited/key-note addresses: 150
- List of best 05 publications: Mentioned Below

- Alam MS, Hussain R, Srivastava SP & Seth P. K. (1988) Influence of di-butyltin dilaurate (DBTL) on brain neurotransmitter systems and behavior in rats. Archives of toxicology. 61: 373-377.
- Alam MS, Srivastava SP & Seth PK (1988) Factors influencing the leaching of heavy metals from plastic materials used in the packaging of food and biomedical devices. Indian J Environmental Health. 30 (2): 131-141.
- Alam MS, Ojha CS, Srivastava SP & Seth PK (1989) Factors influencing the global migration from commonly used plastics. Indian J Environmental Protection.8 (9): 641-647.
- Alam MS, Ojha CS, Srivastava SP & Seth PK (1990) Implications of physico- chemical factors on the migration of UV absorbers from commonly used plastics. Indian J Environmental Protection. 10 (2): 99-104.
- Alam MS, Nandan Ratna, Gundevia FD, Tondwalker Vikas and Ray PK (1991) Degradation of Hydrocarbon Constituents of Crude Oil by Bacterial Strains Isolated from Marine Environment. International Journal of Toxicology, Occupational and Environmental Health: 1(1): P-1.52.

10. Number of Books authored/edited: 06

- **M. S. Alam (2001):** Compiled and edited a book entitled Bihar Main Udmita Vikas ek Prabhawi Kadam based on rural technologies for self-employment generation and improvement in quality of life for general mass especially the rural poor
- **M. S. Alam (2001):** Compiled and authored a Training Manual on Mushroom
- **M. S. Alam (2001):** Compiled and authored a Training Manual for the Training on Technology Based Rural Entrepreneurship Development (TRED) Program.
- **M. S. Alam, N. Ahmad (2001):** Compiled and edited course curriculum for the EDP of Science Graduates on the request of Principal, St. Columba College, Hazaribagh.

- **M. S. Alam (2002):** Compiled and authored a compendium entitled Grameen Rozgar
- **M. S. Alam (2002):** Compiled and edited a training manual for EDP/ PMRY Training

11. (a) No. of Patents granted/applied for: NIL
(b) Technologies developed, Licensed and/or commercialized:

12. Foreign visits: NIL

13. Details of Professional memberships:

Sl. No.	Name of the Society	Class	year
i.	Society of Toxicology, India	Life Member	1988
ii.	Indian Society of Analytical Scientists	Life Member	1991
iii.	Institute of Entrepreneurship Development, Patna	Programs Committee	1996
iv.	Association of F ST (India), Mysore	Life Member	1998

14 . Major contributions: (Max. 150 words): On the basis of R&D work done at IITR, developed a manual on Plastic Toxicology. The R&D on water pollution control resulted in the development of Mobile Laboratory Van for water quality analysis. The rural development activities at CSIR-PTC, Patna resulted three books and two training manuals on rural development. In house edition at CSIR-CIMFR resulted in the compilation of Down the Memory Lane on the occasion of Golden Jubilee function.

15. Technologies and Products/ Services

- (i) Developed: As team member in the Development of Mobile Lab. Van for Water quality analysis
- (ii) Licensed:
- (iii) Commercialized:

16. Designs and Prototype Developed: NIL

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

- ☞ **1990:** Awarded by Director General, CSIR & Secretary DSIR for the contribution and services given by the candidate in the Development of the Mobile Laboratory Van for Water Quality Analysis, Training & Water Pollution Abatement Purposes on 3rd August 1990. Patent has been filed and among the authors the name of the candidate is also there.



Signature