

RESUME



- 1. Name in full:** **PROF. M. H. FULEKAR**
- 2. Present Position:** **PROFESSOR & DEAN**
School of Environment
& Sustainable Development
Central University Gujarat,
Gandhinagar, Gujarat-482030
- Liaison Officer**
- Provost
- 3. Telephone and Email:** (Office/Residence):
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4. Educational Qualifications:-

Name of University / Institute	Degree and academic credential obtained	Year	Course of study
Nagpur University	M.Sc.	1978	Chemistry
Jawaharlal Nehru University	M.Phil.	1980	Environmental Sciences
Jawaharlal Nehru University	Ph.D.	1984	Environmental Sciences
YCMOU	MBA	2003	HRD
Mumbai University	LLB (G)	2005	Law(General)

Indian School of Labour Education, Madras	D.I.S.	1998	Industrial Safety
All India Institute of Management Studies, Chennai	D.EMS. & ISO 14000	1999	Environmental Management
Western Australian Institute of Technology, Australia	CIH (ILO)	1985	Industrial Hygiene
International Labour Organization, Bangkok	Certificate Chemical Safety	1992,1993	Pesticide Management and Chemical safety

5. Experience in Higher Education in Teaching and Research (27 years)

- i) Professor & Dean, School of Environment and Sustainable Development, Central University Gujarat- 20th September, 2011- continued**
- ii) Liaison Officer, Central university of Gujarat**
- iii) Provost, Central University of Gujarat**
- iv) Professor, University Department of Life Sciences (2002-2011) -9 years**
- v) Professor & Head of Department (2005-08) - University Department of Life Sciences, University of Mumbai - 3 years**
- vi) Assit. Director (Academic), Garware Institute, University of Mumbai (1999- 2002) – 3 years.**
- vii) Deputy Director, (Industrial hygiene) Central Labour Institute, Mumbai- ILO based organization-Government of India (1984-1999) – 15 years**
- viii) Lecturer in Chemistry, U.D.C.T., University of Mumbai - (1984) - 1 year**
- ix) Lecturer in Chemistry- Delhi College of Engineering, Delhi University (1983) - 1 year**

6. Research publications in peer-reviewed/ referred International Research Journals/ Books published:

- i) Paper published: 161 Nos.**

- a. International Journals: **74 Nos** (Annx I)
 - b. National Journals: **40 Nos.** (Annx II)
 - c. Seminar/conferences/workshops- National/ International- **11 Nos.**
- Abstract published: **47 Nos.** (Annx III)

ii) Books published: 9 Nos.

1. *Environmental Biotechnology (2005)* published by Oxford & IBH Publishing House, New Delhi.
2. *Industrial Hygiene & Chemical Safety (2006)* published by I. K. International Publishing House, New Delhi 2006.
3. *Bioinformatics – Application in Life & Environmental Sciences (2008)*– Springer Publisher
4. *Environmental Biotechnology - (15th June, 2010)* **CRC Press** and Science Publisher, USA.
5. *Bioremediation Technology: Recent Advances- (Ed.- 25th July, 2010).* **Springer** Publishers
6. *Dictionary of Biotechnology (2009)* - I.K. International Publishing House, New Delhi.
7. *Nanotechnology –its Importance & Applications*, IK International (2010).
8. *Personal Protective Equipment -Guide to Ports/Dock Workers (2000):* (Government of India's Publication)
9. *Bioinstrumentation (Writing)* I.K International
10. *Recent Trends in Life Sciences (In Press)* I.K. International Publishing House, New Delhi.

iii) **CHAPTERS IN BOOK**

1. Bioinformatics- Application in Life and Environmental Sciences edited by Prof. M.H.Fulekar

I. Bioinformatics- Application In Life Sciences

II. Nano Technology – In Relation To Bioinformatics

III. Bioinformatics In Bioremediation – “Environmental

IV. Cleanup Approach”

V. Bioinformatics Websites

VI. Glossary Of Bioinformatics Terms

2. Bioremediation technology edited by Prof. M.H.Fulekar

I. Introduction to Bioremediation – Dr. Fulekar

II. Remediation of Low level nuclear waste- Dr. Fulekar

III. Nanotechnology - Microbial remediation - Dr. Fulekar

3. Environmental pollution edited by Dr. Sudhir Ranjan Garg

i) Environmental issues and challenges

ii) Heavy metal toxicity

4. Environmental management edited by Arvind Kumar

i) Working under the shadow of pesticides hazard

5. Environmental Biotechnology edited by Arvind Kumar

i) Biomass: a sustainable energy source

6. Biotechnology: Application in Environmental Management edited by R.K. Trivedi

i) Biopesticide Use: A Future Trend in Agriculture 2004-2005.

7. The Plant Family Brassicaceae: Contribution Towards Phytoremediation- Springer

I. Phytoremediation of heavy metals by Brassica juncea in aquatic and terrestrial environment

8. Fungi As Bioremediators Edited By Prof. Ajit Varma

I. Bioremediation of Organic Pollutants using Phanerochaete chrysosporium''

iv) PATENTS: 05 Nos.

i) Bioremediation of Pesticide Industrial Wastes by novel cow-dung microorganisms using Sequence Biological Reactor

Application No. 339/MUM/2009.

ii) Bioremediation of Hazardous Waste compounds in Two Phase Partition Bioreactor

Application No. 2298/MUM/2009

iii) Automatic spore Fractionator

Application No. 2299/MUM/2009

iv) Hydro-based Operating Bioreactor for turning Composting material and apparatus thereof

Application No. 2230/MUM/2009

v) Bionanotechnological approach for Bioremediation of Dyestuff compounds

(Patent Filed)

v] GENBANK Database (USA): 17 Nos.

1. Kriti Kumari Dubey and **M H Fulekar**. 2011. *Sphingobacterium thalpophilum* strain MHF ENV 23 16S ribosomal RNA gene, partial sequence (**Accession no. Genbank HQ661378.1**)

2. Dipty Singh and **M.H.Fulekar**. 2009. *Pseudomonas putida* strain MHF 7109 16S ribosomal RNA gene, partial sequence (**Accession No. GenBank: FJ975149.1**)

3. Dipty Singh and **M.H.Fulekar**. 2009. *Pseudomonas putida* strain MHF 7109 phenol hydroxylase gene, partial cds (**Accession No. GenBank: FJ975150.1**)

4. Hansa Boricha and **M.H.Fulekar**. 2009. *Pseudomonas plecoglossicida* strain MHF ENV-1 16S ribosomal RNA gene, partial sequence (**Accession No. GenBank: GQ301534.1**)

5. Jaya Sharma and **M.H.Fulekar**. 2009. *Klebsiella sp.* enrichment culture clone MHF ENV III 16S ribosomal RNA gene, partial sequence (**Accession No. GenBank: GQ334451.1**)

6. Trupti Chaudhari and **M.H.Fulekar**. 2009. *Pseudomonas pseudoalcaligenes* strain MHF ENV 16S ribosomal RNA gene, partial sequence (**Accession No. GenBank: GQ301533.1**)
7. Anjali Janbandhu and **M.H.Fulekar**. 2009. *Achromobacter sp.* enrichment culture clone MHF ENV IV 16S ribosomal RNA gene, partial sequence (**Accession No. GenBank: GQ334452.1**)
8. **M.H.Fulekar**. 2009. *Flavobacterium sp.* MHF ENV 5 16S ribosomal RNA gene, partial sequence. (**Accession No. GenBank: GU055761**)
9. **M.H.Fulekar**. 2009. *Proteobacterium* MHF ENV 7 16S ribosomal RNA gene, partial sequence. . (**Accession No. GenBank: GU055762**)
10. **M.H.Fulekar**. 2009. *Alcaligenes sp.* MHF ENV 9 16S ribosomal RNA gene, partial sequence. . (**Accession No. GenBank: GU055763**)
11. Hansa Boricha and **M.H.Fulekar**. 2009. *Owenweeksia hongkongensis* 16S ribosomal RNA gene, partial sequence. (**Accession No. GenBank: GU055764**)
12. Hansa Boricha and **M.H.Fulekar**. 2009. *Pseudomonas pseudoalcaligenes* 16S ribosomal RNA gene, partial sequence. (**Accession No. GenBank: GU055765**)
13. Sharma, J. and **Fulekar, M.H.** 2010. *Citrobacter freundii* strain MHF ENV 15. (**Accession No. GenBank: GU584226**).
14. Korade, D.L. and **Fulekar, M.H.** 2010. Uncultured *Pseudomonas sp.* clone MHF ENV13. (**Accession No. GenBank: GU183256**)
15. **Fulekar, M.H.** 2010. Uncultured *Xanthomonas sp.* clone MHF ENV 10. (**Accession No. GenBank: GU183260**)
16. **Fulekar, M.H.** 2010. Uncultured *Providencia sp.* clone MHF ENV 10. (**Accession No. GenBank: GU183259**)
17. **Fulekar, M.H.** 2010. Uncultured *Bacillus sp.* clone MHF ENV 8. (**Accession No. GenBank: GU183258**)
18. **Fulekar, M.H.** 2010. Uncultured *Alcaligenes sp.* clone MHF ENV 8. (**Accession No. GenBank: GU183257**)

7. Major Research Projects: Executed

A] Consultancy- Industrial Project completed in Govt. of India

- 1) Assessment of Work Environment in Coal Fired Power Plants, Maharashtra funded by Government of India.
- 2) Dust Assessment in Work Environment at Indian Ports and Docks funded by Government of India
- 3) Occupational Exposure to Dust in Slate Pencil Manufacturing Industry, Madhya Pradesh, funded by Government of India
- 4) Occupational Exposure to Dust in Stone Crushing and Quartz Manufacturing Industries, Rajasthan funded by Government of India
- 5) Work Environment Assessment in Chemical & Pesticide Industries – 50 no. Research Studies.

B] Major Research Projects in University of Mumbai: Completed (3 Nos.)/ Executing (3 Nos.)

i) UGC Major Research Project – Development of Bioremediation Mechanism for Pesticide Industrial Wastes in Two phase Partitioning Bioreactor and Sequence Biological Reactor (2006-2009) – **Report Submitted**

ii) CSIR Research Project: Investigation of colonization behavior of *Muyrica esculenta* in Kumaun West Himalaya (2006-09) – **Report Submitted**

iii) BRNS Research Project: Biotechnological Approaches for Remediation of Low Level Nuclear waste (2007-2011) **Report submitted**

Project-On Going:

iv) UGC – SAP Project: Bioremediation and Phytoremediation of Industrial Waste. University Department of Life Sciences (2009-2014) - **Project Coordinator**

v) UGC-Major Research Project: Bioremediation of Petrochemical Wastes Compounds in Designed and Developed Mycorrhizosphere and Sequence Bioreactors (2011-2014)

vi) DBT R & D Project: Bioremediation of Dye-stuff effluent compounds in a Sequence Bioreactor and study of Metagenomics of Rhizosphere (2011-2014)

8. Experience of working with International bodies:

Experience of working with International bodies/ International Exposure through participation in **International Labour Organization**: Courses-

i) ILO/UNDP: ‘Advance Course on Industrial Hygiene’ Western Australian Institute of Technology (WAIT), **AUSTRALIA**, (1985)

(ii) ILO/FINNIDA: ‘Safety in the use of Agro-Chemicals on Plantations’ – ILO, **Bangkok** (1992).

(iii) ILO/JAPAN: ‘Safety in the Use of Chemicals’ ILO, **Bangkok** (1993).

9. Experience of organizing Workshop/ Seminar/ Conferences- at an International Level within the Country:

Convenor and as **Professor and Head**, University Department of Life Sciences- organized and conducted 11 National Workshops/seminars/ conferences:

- i)** International Seminar on **Climate solution Road Tour in India**, January, 2009
- ii)** National Conference on “**Environmental Technology – Biological Perspectives: Issues & Challenges**” (9-10 February 2006).
- iii)** National Science Day Celebrations- **Seminar on “Nurture Nature for Future”** (28th February 2006).
- iv)** National Science Day Celebrations- **Seminar on More Crop per Drop-A strategy for water conservation, 28th February 2007.**
- v)** Observation of **World environment Day**, (5th June 2006).
- vi)** Workshop on Bioinformatics- Application in Life Sciences, 9th –11th February 2007.
- vii)** Seminar on “Renewable Energy- A need of the hour”- World environment Day, (5th June 2007).
- viii)** **Biotechnology Day Celebrations- 14th November 2007**
- ix)** Seminar on “**Low Carbon Economy**” - World environment Day, (5th June 2008).

x) One day Conference on “**Urban Solid Waste and Plastics Waste Management-Issues and Solutions**”- 20th December, 2008

xi) Seminar on “**Combating Climate Change**” - World environment Day, (5th June 2009)

Coordinator-UGC-SAP and as **Professor**, University Department of Life Sciences-organized and conducted seminar on “**Environmental Biotechnology: Recent Advances**” (20th December, 2010)

10.Work experience in University Bodies:

D). University of Mumbai

i) **Chairman, Adhoc board of Studies**, Life Sciences, University of Mumbai (February, 2007-2010)

ii) **Chairman, Adhoc board of Studies**, Life Sciences, University of Mumbai (February, 2010-2011)

iii) **Chairman, Adhoc board of Studies, Environment Science** University of Mumbai, (2011 onwards)

iv) **Academic Council Member** University of Mumbai, (2007- 2011)

II] Nagpur University:

i) **Chairman, Adhoc board of Studies**, Environmental Sciences, Nagpur University

III] University of Mumbai- UM-DAE CBS

i) **Academic Coordinator**, UM-DAE - Centre for Excellence in Basic Sciences:

ii) Members in various committees, UM-DAE CBS (Academic, Finance, Advisory, Steering and Admission committee).

IV] NORTH MAHARASHTRA UNIVERSITY:

Chancellor Nominee:

i. **Chancellor’s (Governor of Maharashtra) nominated-** Member of Selection Committee for selection of teachers of the North Maharashtra University, Jalgaon –**for a period of 5 years i.e. upto May 2010.**

ii.Chancellor’s (Governor of Maharashtra) nomine

iii.Chancellor nominee - Attended Selection committee meeting on 25th-27th June 2008 in the University.

iv.Chancellor nominee - Attended Selection committee meeting on 2nd -3rd March 2009.

v.Chancellor nominee- Selection Committee meeting on 27th- 28th November, 2009

V] Devi Ahilya Vishwavidyalaya, Indore

Chancellor nominee - Attended Selection committee meeting

CHANCELLOR NOMINEE- :

i.**Chancellor's (Governor of MP) nominated-** Member of Selection Committee for promotion of teachers under Career Advancement Scheme and direct recruitment of teachers for School of Life Sciences, Devi Ahilya Vishwavidyalaya, Indore (3rd January 2008).

ii. **Swami Ramanand Teerth Marathwada University, Nanded** -Expert member, Selection Committee Board for Professor, Reader, and Lecturer in Biological Sciences.

VI] Central University of Gujarat

- Member of Course Development Committee
- Member of Syllabus Committee, School of Chemical Sciences
- Member of Syllabus Committee, School of Environment and Sustainable Development
- Member of Technical Committee Instrumentation
- Member of Selection Committee – Mphil /PhD Life Science
- Member of Selection Committee (M.Phil / PhD) - Environment and Sustainable Development

VII] University of Mumbai:

Vice- Chancellor Nominee:

i.Selection committee of Teaching faculty/Principals in Colleges affiliated to university of Mumbai

ii.Research fellowship awards

iii.Placement Committee Meeting

iv.Selection of Ph.D. Students in Universities/institutes\ recognition of research laboratories and guides and various academic/scientific bodies Member of faculty of Science

v.Member of the Board of University Teaching and Research for the faculty of science

vi. Member of the Research and Recognition Committee for the Ad-hoc Board of Studies, Life science

- vii. Library Committee- Member
- viii. Steering committee- Member
- ix. Syllabus reviewing Committees (Life Sciences/ Environmental Sciences)

UNIVERSITY GRANT'S COMMISSION:

i. UGC Nomination/ Important Assignments:

Worked as subject experts in Environmental Sciences/ Life sciences as nominated by UGC:

- i. Special Assistance Programme (SAP)- Assessment / Review Committee-J.N.Vyas University
- ii. Special Assistance Programme (SAP)- Assessment / Review Committee-Manipur University
- iii. Special Assistance Programme (SAP)- Assessment / Review Committee- University of Hyderabad
- iv. Special Assistance Programme (SAP)- Assessment / Review Committee- JNU, New Delhi (11 October, 2006)
- v. UGC Expert for the award of Post Doctoral fellowship to SC/ST (7th March 2007)
- vi. Member of Evaluation panel, UGC- NET Environmental Sciences (09- 11th Feb.2006)
- vii. Member of Evaluation panel, UGC- NET Environmental Sciences (12- 15th Feb. 2007).
- viii. Member of the expert Committee for SC/St Proposals for Scholarship/ Fellowship, Kolkata (29th February, 2008).
- ix. UGC expert of SAP Advisory Committee of Guru Jhambheshwar University of Science and technology, Hisar for a period of 5 years (2007-2012).
- x. UGC- SAP Project Award- Expert of Screening committee (17th October, 2009)
- xi. Member of XI Five year Plan Expert Committee, Bundelkhand University, Jhansi, UP (4-10th August 2008).
- xii. Member of Innovative programme of Universities/ Colleges/ Institutes (28th March 2007)

- xiii Subject expert committee to assess the requirements of XI Plan under the General Development Plan grants to Colleges of North Eastern region -Meeting attended on 8th-10th June 2009.
- xv. UGC expert of SAP Advisory Committee of Guru Jhambheshwar University of Science and technology, Hisar- Meeting attended on 27th March, 2010
- xvi. Expert Review Committee to review the Department of Life Sciences under DRS/DSA SAP) Programme, Manipur University, Imphal - Meeting attended on 12th – 13th April, 2010.
- xvii) UPSC- Subject expert in Zoology (10-11th March 2008)
- xviii) MPSC- Subject expert in Industrial Safety and Biology (20-24th April 2009)
Subject expert in Biology (5-6th November, 2009)
- xix) NCERT- Nominated as expert for the selection of National level talented students (2006, 2007, 2008)
- xx) IIT Powai- Member of assessment Committee (13th March 2008).
- xxi) DBT- Evaluation of the project as subject expert
- xxii) Ministry of Environment & Forest- Animal Ethical Committee (2009).

Reliance Life sciences:

Member of Selection Committee for the selection of Ph.D, Life sciences in Dhirubhai Ambani Life Sciences Centre- meeting attended on 22nd March 2010.

11. Experience- Guiding Research Students

- i) Ph.D Awarded students- 7 Nos.
- ii) Ph. D students are submitting Thesis- 3 Nos.
- iii) Ph.D Students are working – **Life Sciences**- 8 Nos.
Biotechnology- 1 Nos.
- iv) Post Doctoral Fellow- 1 No.
- v) Research Associate- 1 No Completed
- vi) M.Sc. By Research –Awarded- 2 Nos.

Ph. D Research in Environmental Biotechnology, University Department of Life Sciences:

Ph. D Research in Environmental Science and Sustainable Development, Central University of Gujarat

I] Ph.D Students: Life Sciences (Awarded)

1. Studies on the effect of anticancer drugs – Doxorubicin and Etyoposide on hepatic, renal & cardiac tissues of male rats - Mr. Said M.R. Kewedar
2. Bioremediation mechanism of Pesticide Industrial Waste by Novel cow-dung Microorganisms using Sequence Biological Reactor – Ms. M.Geetha
3. Phytoremediation of Heavy metals in Soil-vegetables waste compost media developed by Vermiculture biotechnology - Mr. Chhotu D. Jadia
4. Rhizosphere Bioremediation of Xenobiotics by Ryegrass in Mycorrhizal soil in Green House - Ms. Deepali Karade
5. Bioremediation of petrochemical hydrocarbon pollutant using cow dung and genetically modified microorganisms - Ms. Dipty Singh
6. Phytoremediation of Heavy Metals and Radionuclides in Aquatic and Mycorrhizal Soil Environment - Ms. Anamika Singh
7. Bioremediation of selected pesticides by scale – up process in bioreactor - Ms. Boricha K. Hansa
8. Studies on genomics and proteomics of Indigenous microorganisms and their application in bioremediation of heavy metals – Ms. Jaya Sharma. **Submitted**

PhD students – Working (Life Sciences)

9. Studies on genomics and proteomics of Indigenous microorganisms for bioremediation of Polycyclic Aromatic Hydrocarbon - Ms. Anjali Janbandhu
10. Remediation of Heavy Metals using Micropropagated plants and their Genetic Diversity – Ms. Anwasha Bhaduri
11. Pesticides Bioremediation in Bioreactor using Developed Microbial Consortium and Potential Microorganism- Ms. Kriti Kumari

Ph.D Students (Working) Biotechnology

1. Microbial Biodegradation of Low Level Nuclear Waste- Organic compounds in a Bioreactor using scale-up process- Ms. Trupti D. Chaudhari

M.Phil / Ph.D Students (Working) –Environment & Sustainable Development , Central University of Gujarat: 12 Nos.

Post Doctoral Fellow: (On going)

1. Designing and Development of Sequence Biological Reactor for Bioremediation of Petrochemical Waste- Ms. Anamika Singh

Research Associate: 1(Completed)

1. **Investigating colonization characteristics of *Myrica esculenta* in Kumaun West Himalaya** – CSIR – Research Associate ship – Dr. Bhawana Pandey

12.Member of Editorial Board – Research Journals

Member of editorial board of National and International Journals

Member- Nature, Environment, Pollution & Technology. **India**

Member- Asian Journal of Microbiology, Biotechnology and Environmental Sciences. **India**

Member- Journal of Current Science. **India**

Member- Indian Journal of Environmental Protection. **India**

Member- Romanian Biotechnological Letters –an international Journal, **Romania**

Member- Innovative Romanian Food Biotechnology – **Romania**

Member- Global Biotech Forum, **Nagpur**

Member- International Journal of Bioscience Reporter- **India**

Member, Journal of hazardous Materials- **Elsevier Publication**

13. Reviewer- National/International Research journals papers

Waste management Research, USA

Innovative Romanian Food Biotechnology, Romania

African Journal of Agricultural Research, Africa
African Journal of Biotechnology, Africa
African Journal of Entomology, Africa
African journal of environmental Science & Technology, Africa
Scientific Research and Essays, Africa
Journal of Entomology and Nematology, Nigeria
Canadian Journal of Pure & Applied Sciences, Canada
Journal of Hazardous Materials
Biotechnology and Bioengineering, Wiley Interscience
Environmental Science/ Environmental Biotechnology papers from Indian Journals

14.Achievements

- i. **Environmentalist**- Listed in “Who's Who in Science and Engineering” USA (1998-99)
- ii. Awarded "2000 **Outstanding Scientist** of the 20th Century" UK
- iii. Member - **New York Academy of Sciences**, USA
- iv. **Guest of Honour** in 51st Anniversary of **Mahaparinirvan of Bharat Ratna Dr. Babasaheb Ambedkar**, People's Education Society, Mumbai (6th December 2007)
- v. Nominated for “**Rashtriya Shikha Sanman Award**” by National Education & Human Resource Development Organization, New Delhi.
- vi. Nominated for “**Shiksha Rattan Puraskar**” by Indian International Friendship Society, New Delhi
- vii. **Who's Who in the World**, USA- nominated

Details are available on following Websites:

1. **Google scholar** <http://scholar.google.co.in/scholar?q=M.H.Fulekar&hl=en&lr>
2. **Google result** <http://www.google.co.in/search?hl=en&q=M.H.Fulekar&meta>
3. **Worldcat** http://www.worldcat.org/search?qt=worldcatorg_all&q=M.H.Fulekar

Paper Published in Impact Factor Journals

-Prof. M.H.Fulekar

Journal Name	Number of Papers	Impact Factor	Impact Factor x No..of Papers	H -Index
Indian Journal of Pure and Applied Physics	1	0.246	0.246	17
Research Journal of Biotechnology	1	0.284 (SCIE)	0.284(SCIE)	-
Indian Journal of Environment Protection	10			10
Nature Pollution and Environment Technology	2			2
Journal of Current Science	2	0.78	1.56	
Indian Journal of Occupational Health	1	1.051	1.051	
Journal of Hazardous Material	3	3.723	11.169	
Romanian biotechnology letters	6			3
Canadian Journal of Pure & Applied Sciences	2	Index Copernicus Journals = 4.98	9.96	
Clean, Soil, Water ,Air	1	1.502	1.502	
Journal of Biotechnology	1	2.970	2.970	
Global science Journal	1	0.66	0.66	
EEMJ	2	1.435	2.87	
Journal of Applied Biosciences	5	0.43	2.15	
Innovative Romanian Food Biotechnology	3	IC Value -3.82	11.46	
African Journal of Biotechnology	4	0.7	2.8	
Toxicology and Environment Health	1	1.637	1.637	
International Journal of Bioinformatics and Biometrics	1	0.625	0.625	
Biosciences, Biotechnology Research Asia	4			4
Advances in Natural and Biological Sciences	1			3
International Journal of Bioscience Reporter	1	1.888	1.888	
International Journal of Ecology and Environment Sciences	2			11
Annals of Occupational Hygiene	2	2.014	4.028	
Environment International	1	4.691	4.691	
International Journal of Environment Studies	3			11

CRC critical reviews	1	7.653	7.653	
World Journal of Microbiology and Biotechnology	1	1.124	1.124	
ISRN pharmacology	1	2.0	2.0	
Journal of Current Sciences	1	0.78	0.78	
Cumulative Impact Factor = 73.108				61

**PUBLICATIONS
IN
NATIONAL AND INTERNATIONAL JOURNALS**

Sr. No. Of Journals	Journal Name	Number of Papers
1.	Advances in Natural and Biological Sciences	1
2.	African Journal of Biotechnology	4
3.	African journal of environment science and toxicology	1
4.	Annals of occupational Hygiene	2
5.	Asian journal of Microbiology, Biotechnology and Environmental science	1
6.	Asian journal of Water, Environment and Pollution	4
7.	Asian-Pacific Occupational News letter	6
8.	Biology and Medicine	4
9.	Biosciences, Biotechnology Research Asia	4
10.	Biotechnology Journal	1
11.	Canadian Journal	2
12.	Chemical Era	1
13.	Chemical Product Finder	1
14.	Communications in soil science and plant analysis	1
15.	Computer science journal	1
16.	Clean, Soil, Water ,Air	1
17.	CRC critical reviews	1
18.	Chemical Era	1
19.	Chemical product finder	1
20.	Critical reviews in Environmental Science and technology	1
21.	Digest and Chemical industry	1
22.	ECOLOGY	3
23.	EEMJ	2
24.	Ekologia Environment science	1
25.	Environment International	1
26.	Environment Science and Management	1
27.	Environment Engineering and Management	1
28.	Global science Journal	1
29.	Indian Journal of Environment and Eco-planning	3
30.	Indian Journal of Environment Protection	10
31.	Indian Journal of Occupational Health	1
32.	Indian Journal of Pure and Applied Physics	1
33.	Innovative Romanian Food Biotechnology	3
34.	International Journal of Bioinformatics and Biometrics	1
35.	International Journal of Bioscience Reporter	1
36.	International Journal of Ecology and Environment Sciences	2

37.	International Journal of Environment Studies	3
38.	ISRN pharmacology	1
39.	Journal of Applied Biosciences	5
40.	Journal of Biotechnology	1
41.	Journal of Current Science	2
42.	Journal of Current Sciences	1
43.	Journal of Hazardous Material	3
44.	Nature Pollution and Environment Technology	2
45.	Research Journal of Biotechnology	1
46.	Research journal of protection	1
47.	Romanian biotechnology letters	6
48.	Safety, Health and Environment Bulletin	1
49.	Science reporter	2
50.	Toxicology and Environment Health	1
51.	The annals of occupational hygiene	1
52.	Vanashobha	1
53.	World Journal of Microbiology and Biotechnology	1
TOTAL NUMBER OF JOURNALS= 53 Nos.		

International Publications- 74 Nos.

Year 2011 :6 Nos.

1. Kriti Kumari Dubey and **M.H. Fulekar**. Chlorpyrifos Bioremediation in Pennisetum rhizosphere by a novel potential Degrader *Stenotrophomonas maltophilia* MHF ENV20; **World Journal of Microbiology and Biotechnology** (2011).
2. Anjali Janbandhu and **M.H. Fulekar**. Biodegradation of phenanthrene using adapted microbial consortium isolated from petrochemical contaminated environment, **Journal of Hazardous Material**, Pages 333-340, 2011.
3. Kriti Kumari Dubey and **M.H. Fulekar**. Effect of pesticides on the Seed Germination of *Cenchrus setigerus* and *Pennisetum pedicellatum* as monocropping and co-cropping system: Implications for Rhizospheric Bioremediation. **Rumanian Biotechnology Letters**. Vol. 16, No. 1, 2011.
4. Bhawana Pandey and **M. H. Fulekar** (2011) Environmental Management- strategies for chemical disaster.
5. **M.H.Fulekar** and Bhawana Pandey. Climate Change: India's Perception, policies and action plans for sustainable development. (Communicated).
6. Jaya Sharma and **M.H.Fulekar**. "Bioremediation of Heavy Metals by Biostimulation in Laboratory Bioreactor. Environmental Monitoring and Assessment journal(In Press).
7. Anweaha M. Bhaduri and **M.H.Fulekar**. "Antioxidant Enzyme Responses of Plants to Heavy Metal Stress". **International Journal of Environmental Sciences, Springerlink** (2011).

Year 2010: 14 Nos.

1. Anamika Singh and **M.H.Fulekar**. Impact of Heavy Metals in Mycorrhizosphere: Strategy for Phytoremediation. **Canadian Journal of Pure & Applied Sciences**, 4 (3): 1-10, 2010.
2. Dipty Singh and **M.H.Fulekar**, Benzene bioremediation using cow dung microflora in two phase partitioning bioreactor, **Journal of Hazardous Material**.175: 336-343, 2010.
3. Hansa Boricha and **M.H.Fulekar**. Identification of *Owenweeksia honkongensis* as a novel organism for the remediation of pesticide-Fenvalerate **Rumanian Biotechnology Letters**. 15 (2): 5104-5110, 2010.
4. Anamika Singh and **M.H.Fulekar**. Phytoremediation of heavy metals by *Medicago sativa* in mycorrhizosphere. **Clean Soil, Air Water**. (Under Review).

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8. **M.H.Fulekar, Chhotu Jadia** “Ethanobotany: A Science for Medicinal Plants - Intellectual Property Rights” **Nature Environment Pollution and Technology**, Vol. 5, No. 1, 2006.

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23. **M. H. Fulekar** "Surface Coating-Health Hazards Management" **Chemical Products Finder**, pp. 67-75, October 2000

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37. S. Sharma, **M.H. Fulekar** and D.S. Naik "Can Fly-Ash be used as Micronutrient Carrier" **Science Reporter** pp: 477, September, (1984)

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38. D.S.Naik, **M.H. Fulekar** and J. M. Dave "Physico-Chemical Characteristics of Sluicing Water in an Ash Pond" **Chemical Era** 19 (2), pp: 28-31 (1983)

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39. **M. H. Fulekar**, D.S.Naik and S. Sharma "Dangers from Fly-Ash" **Science Reporter** 17,pp: 171-174, (1982).

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Annexure III

International & National Conferences and Seminar- 50 Nos.

Year 2011: 5 Nos.

1. **World Congress on Biotechnology – Biotechnology 2011** held on March 21-23, 2011 at Hyderabad, India.
 - **Mycorrhizosphere: An Ecological Remediation Unit - Invited Talk**
2. **National Conference on “CETP Boon or Bane for Environment: Way Forward”**- 23-24th February, 2011 at Yashwantrao Chavan Pratishthan, 4th floor, Nr. Mantralaya, Mumbai-21
 - **Rhizosphere Bioremediation: A Green Technology For Environmental Clean Up- Invited Talk**
3. National Conference on “**Environment Management & Challenges for Sustainable Development**” organized by Maharishi Dayanand Education College of Arts, Science & Commerce, Mumbai & International Society of Science and Technology, Mumbai on 2nd & 3rd February, 2011.
 - **Biodegradation of phenanthrene using microbial consortium isolated from petrochemical refinery**
 - **Phytoremediation Potential of *Ipomoea aquatica* for Cadmium in aquatic environment**
 - **Rhizospheric bioremediation: A green technology implication for Chlorpyrifos remediation**
 - **Bioremediation heavy metals by *K. pneumoniae* MHF ENV III using scale up process bioreactor**
 - **Bioremediation of Tri butyl phosphate present in Low Level Nuclear Waste using potential bacterium**
 - **Remediation of Hazardous Compound-Benzene using Packed Bed Bioreactor to Develop a Technology for Restoring Ecosystem**
 - **Impact of Climate Change in India-A Case Study**
 - **Environmental management strategies for chemical disaster**
4. Two days National seminar Bioremediation, conservation and Molecular Biology, at Department of Botany, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur held on 24th & 25th January 2011

- **Bioremediation Of Pesticides By Novel Microbial Consortium In Designed And Developed Bioreactors**

5. Indo-German Conference on Cities in the era of Climate change held at IIT Powai, Mumbai on 17-18th January, 2011

Year 2010: 3 Nos.

6. World Congress on “**Biotechnology 2011**” to be held on 21-23 March, 2011 at Hyderabad International Convention Centre (HICC), Hyderabad, India **Invited talk**

- **Bioremediation of Petrochemical Waste-Phenol in Bioreactor using *Pseudomonas putida* IFO 14671**

7. International Conference on **Lake 2010: Wetlands, Biodiversity and Climate Change** to be held on 22nd-24th December 2010 at Satish Dhawan Auditorium, Indian Institute of Science, Bangalore, India **Invited talk**

- **Remediation of Hazardous Compound-Benzene using Packed Bed Bioreactor to Develop a Technology for Restoring Ecosystem**
- **Mycorrhizoremediation of heavy metals for restoration of ecosystem**
- **Impact of Climate Change in India-Case Studies**

8. **International Congress of Chemistry and Environment (ICCE – 2009 at Thailand)** (21-23rd January 2010) **Invited talk**

- **Bioremediation Technology- Recent Advances**

Year 2009: 8 Nos.

9. International Congress of Chemistry and environment (ICCE – 2009 at Thailand) from 21st Jan to 23rd Jan 2010 in Thailand.

- **An integrated Bio-Physicochemical approach during Vermicomposting of vegetable waste in a Designed aerobic Composter**
- **Vermicomposting of Vegetable waste: Development Mechanism**
- **Bioremediation of Chlorpyrifos by *Pseudomonas plecoglossicida* using scale-up process bioreactor**
- **Phylogenetic analysis of the potential microorganism for remediation of organic compounds from the contaminated environment**

10. International Conference on “**Molecular Tools in Environmental Toxicology**” to be held on 23-24th September, 2009 at NEERI, Nagpur (Chairman).

- **Molecular Approach for Bioremediation of Hazardous Waste- Invited paper**
- **Climate change impact on Environment & Health**
- ***Pseudomonas pseudoalcaligenes*-Identified by 16S rRNA technique for biodegradation of chlorpyrifos**

- **Application of Titanium Dioxide (TiO₂) as a Nanomaterials in Hydrogen Production: Overview**
11. **International Conference on Laboratory Animal Science; Applications in Biomedical Research to be held on 1-2 October, 2009 being organized by NIRRH, at University of Mumbai, Kalina**
- **Animal Roles in Biomedical Research: Ethical Issues- Invited paper**
12. International Conference on Climate change and sustainable management of natural resources being held at Gwalior from 10-12 November, 2009
- **Studies on antioxidant enzymes activities and biochemical assay during phytoremediation of cadmium by *Medicago sativa* in aquatic environment- Invited paper**
 - **Bioremediation of Benzene In Ryegrass Mycorrhizosphere**
 - **Remediation of Pesticides by identified potential microorganisms**
13. National Conference on Accelerator and Low Level Radiation Safety to be held from 18-20 November, 2009 at New Delhi.
- **Phytoremediation of ¹³⁷Cs from Low Level Nuclear Waste using *Catharanthus roseus*- Invited talk**
14. International symposium on ‘Environmental pollution, Ecology and Human Health’ to be held from July 25-27, 2009 at Tirupati.
- **Bioremediation of Hazardous compounds in Two Phase Partitioning Bioreactor using microbial consortium & *Pseudomonas putida* IFO 1467**
 - **Characterization of Industrial Waste and Identification of Potential Microorganism –Degrading Tributyl Phosphate**
 - **Characterization of PAH contaminated soil for isolation of potential microorganism capable of degrading hazardous organic compounds**
 - **Bioremediation of pesticides by *Pseudomonas aeruginosa* in Scale up process Bioreactor**
15. International Conference on **Nanotechnology** at Kochin from 14th- 16th August, 2009
- **Nanotechnology for Environmental Clean-up**
16. International Conference on **Changing Environmental Trends and Sustainable**

Development (CETAS- 2009) at Hisar - February 9-11, 2009

- **Bioremediation Technology for Pesticides in a designed and developed Bioreactor**

Year 2008: 4 Nos.

17. Conference on “**Urban Solid Waste And Plastics Waste Management- Issues And Solutions**”– organized by University of Mumbai in association with Indian Centre for Plastics in Environment (ICPE) and National Solid Waste Association of India (NSWAI)- 20th December, 2008

- **Biotechnological Approaches- Waste Management**
- **Bioremediation of waste in designed and developed bioreactor-A Case study**

18. **International Congress on Environment research**, Organized by at **BITS, Pilani, Goa, 18-20 December, 2008.**

- **Potential of Indian mustard for Phytoremediation of cadmium, lead and zinc**
- **Bioremediation of pesticides using Scaleup technique**

19. National seminar on **Conservation and restoration of Lakes (CAROL-08)** organized by National Institute of Hydrology, Roorkee at NEERI, Nagpur, 16-17 October, 2008

- **Restoration of lakes by remediation of pesticides from contaminated surface soil using Bioreactor.**
- **Uptake of cadmium by Alfalfa (*Medicago sativa* L.) grown in liquid medium**

20. **National seminar on legume** organized by Vidharva Productivity Council, 2008

- **Bioremediation of Hazardous Waste**

Year 2007: 5 Nos.

21. 12th World Lake Conference – Taal 2007 (28th October- 2nd November 2007)

-Presented paper on Bioremediation of pesticides in a developed bioreactor for conserving aquatic ecosystem- CM 29 page no. 61, Taal 2007, Ministry of environment & Forests

- **Presented poster on Biomonitoring of Environmental Contaminants in the Powai Lake, Mumbai – P 237, page no. 253, Taal 2007, Ministry of environment & Forests**

22. National Seminar on Safety, Health & Environment in Industry (29th – 31st August 2007).

- **Presented paper on Bioremediation Technology of Hazardous Wastes**

23. 2nd Biotech Congress (2006 AD) - An International Conference on innovations in biotechnology and their application (18th - 21st December 2006), Nagpur University

Seminar on Emerging Nanotechnologies for Polymers & Textiles (10th March, 2007), New Delhi.

24. Symposium on “Benefits of Biodiversity & World outlook for Indian Bio-Industry” (16th march 2007) organized by CII (Confederation of Indian Industry) and ABIA (American Bioindustry Alliance, Washington, DC).

25. Exhibition of Science and Society” display of Instrument on Spore separation technique in Sesquicentennial celebrations, (22- 24 January, 2007) by University of Mumbai

Year 2006: 6 Nos.

26. BARC Golden Jubilee & DAE-BRNS Life Sciences Symposium on "Trends in Research and Technologies in Agriculture and Food Sciences" (18th-20th December, 2006) Bio-Medical Group, BARC, Trombay, Mumbai-85

- **Paper Presented on Molecular Physiology of Sulfur Assimilation in Plants and Abiotic Stresses'**

27. National Conference on Environmental Pollution and Toxicology (22nd & 23rd Dec, 2006) Thakur College of Science and Commerce, Mumbai -

- **Paper Presented on Bioremediation of Phenol Using Microbial Consortium in Bioreactor**
- **Bioremediation of pesticides in sulfur soil treatment unit using biomass**
- **Phytoremediation - Environmental Technology for Remediation of Pollutants**

28. National seminar on Multifunctional Nanomaterials, Nanostructures and Applications (22-23 Dec., 2006).

- **Paper Presented on Nanotechnology and Environment**

29. International Symposium on "Emerging Trends in Genomic and Proteomic Sciences" (15th- 18th October, 2006) organized by National Institute for Research in Reproductive Health, Indian Society for the Study of Reproduction and Fertility and University of Mumbai.

30. **National Conference on “Environmental Technology – Biological Perspectives: Issues & Challenges”** (9th –10th February 2006)

-Paper Presented on **Mumbai’s natural calamity: Rain & Suffering.**

31. National Conference on “**Environmental Technology – Biological Perspectives: Issues & Challenges**” (9th –10th February 2006)

- **Paper Presented on Composting and its mechanism using Hydraulic System Bioreactor**
- **Paper Presented on Rhizosphere: An Ecological Remediation Unit.**

Year 2005: 5 Nos.

32. Biotechnology Symposium 2005 at IIT Bombay (3rd – 4th December 2005)
- **Paper Presented on “Composting Solid Wastes by using Hydraulic System**
33. 12th All India Congress of Cytology and Genetics at Institute of Science, Mumbai (October 28th- 30th 2005)
- **Paper Presented on Mycorrhiza: A Detoxification Technique for Hazardous Wastes.**
 - **Paper Presented on Phytostabilization of Copper by Sorghum in Vermicompost Soil**
34. International Symposium on Stem Cells (September 18-21, 2005) in Mumbai
- **Paper Presented on Ethical Issues Concerning Embryonic Stem Cells**
35. International Conference on “Biosciences, Biotechnology and Biodiversity Analysis” (August 8th - 10th 2005) at Pune
- **Paper Presented on Mycorrhizosphere Development for Bioremediation**
36. National Seminar on Medicinal Plants organized by University of Mumbai, (January 22-24, 2005) at K. V. Pendharkar college, Dombivli, Mumbai.
- **Paper Presented on Intellectual Property Rights.**
37. National Seminar on Environment and Development at Bhopal (16th-17th January)
- **Paper Presented on - Rain & Suffering – Mumbai Scenario 2005.**

Year 2004: 4 Nos.

38. UGC Sponsored National Conference on **Human Health and Nutrition: A Biotechnological Approach** (December 12-13, 2004) at B. N. Bandodkar College of Sciences, Mumbai.
- **Paper Presented on Developing Mycorrhiza for Beneficial use in Agriculture Biotechnology.**
39. International Conference on Chemistry Biology Interface: Synergistic New Frontiers (November 21-26, 2004) at Delhi University, New Delhi.
- **Paper Presented on Biochemical Interface in Development of Compost & Study of Diversity of Arbuscular Mycorrhiza isolates by Protein Profiles.**
40. International Conference on Biogeochemistry of Mangroves estuary ecosystem, modeling and integrated Coastal Zone management (March, 23-24, 2004) at JNU, New Delhi
- **Paper Presented on Paper Presented on “Effects of Human Activities on Mangroves Ecosystem**

41. UGC National Seminar on Environmental Management and its Impact on National Development (February, 28-29, 2004) at Birla College, Kalyan (Mumbai)
- **Paper Presented on Composting Vegetable Market Wastes by Vermiculture**

Year 2003: 2 Nos.

42. IIT National Conference on Advances in Environmental Science and Engineering, (December 8-9, 2003) at Mumbai
- **Paper Presented on Hazardous Waste management in Ship Breaking Industry**

43. UGC Seminar “Environmental Biotechnology” at Institute of science, Mumbai (27 February, 2003)

- **-Paper Presented on “Biopesticides spectrum to Control Stresses of chemical Pesticides”**

Year 2001: 2 Nos.

44. ILO/WHO “Work in the Global Village-An International Conference on Work Life in the 21st Century (15-17 October 2001) at Finnish Institute of Occupational Health, Helsinki, Finland

- **Paper Presented on: Dust Hazards in the Ports: A Status Report**

45. USA (SWAN) Environment “The Millennium Seminar on commitment of Health and Safety” at Mumbai, 2001

- **Paper Presented on The status of Industrial Hygiene in India**

Year 2000: 3 Nos.

46. IISF/BSES “The International Conference on Sustainable Energy and Environment (17-19 August, 2000) at Mumbai.

47. ME&F/IIT “Bio-Medical Waste Management” (8-10 May, 2000) at Mumbai

48. ME&F/CPCB/NEERI “Training Workshop on Safety in Handling of Hazardous Waste” at Nagpur, 2000.

- **Paper Presented: Safety in Handling Hazardous Wastes in Ports**

Year 1998: 1 No.

49. ME&F/CPCB/ IIT “One-day Training Course on Testing and Handling of Hazardous Wastes for Port and Customs officials” (28 August 1998) at Mumbai.

- **Paper Presented: Handling of Hazardous Wastes in Ports/Docks-Safety Measures**

Year 1997: 1 No.

50. ME&F/CPCB “Orientation workshop on Handling and Testing of Hazardous Wastes” (18 March 1997) at New Delhi.

- **Paper Presented: Safety in Handling Hazardous Wastes in Ports**

Year 1995: 1 No.

51. UNEP/IE (Paris)/NSC/WEC (USA) “The Workshop on Awareness and Preparedness for Emergencies at Local level and Chemical Emergency Prevention and Preparedness” (25.4.1995-28.4.1995) at IPCL, Baroda

Year 1994: 1 No.

52. ILO/CLI “Organized and Conducted National Train the Trainers Workshop on safety in the Use of chemicals” (26.9.1994-30.9.1994) at Mumbai

Year 1993: 1 No.

53. ILO/JAPAN “Sub-Regional Trainers Workshop on Safety in the Use Chemicals for Selected Asian Countries” (29.11.1993 - 03.12.1993), International Labour Organisation Conference at Bangkok.

Year 1992: 1 No.

54. ILO/FINNIDA “Regional Train the Trainer Course on Safety in the Use of Agrochemicals in Plantations” (9.12.1992-18.12.1992) International Labour Organisation Conference at Bangkok.

Year 1990: 1 No.

55. AI-ILO-CLI “Associated in Organizing and Conducting Training Programme on Monitoring of Mineral Dust (Air Sampling and Asbestos Fibers counting)” (24.10.1990-27.10.1990) at Mumbai

Year 1988: 1 No.

56. BARC “The Inter-ministerial Group Workshop on Environmental Impact Assessment Guidelines” (11.7.1988-15.7.1988), at Mumbai

Year 1988: 1 No.

57. ILO/UNDP “Advanced Industrial Hygiene Course” (26.08.1985-08.11.1985) Western Australian Institute of Technology, Australia.

Vice Chancellor Nominee –University of Mumbai

- Expert for selection of Teaching Faculties
- Expert for selection of best teacher awards, University of Mumbai
- Expert for Selection Committee for the post of Lecturer in Bio-Technology (15th November 2007) Vidhyawardayni's Annasaheb Vartak College of Arts, commerce and Sciences, University of Mumbai.
- Member of selection committee for the post of lecturer at K. J. Somaya institute of engineering and information technology Sion, Mumbai.
- Member of selection committee for the selection of Teacher's fellowship during Xth plan, University of Mumbai
- Member of selection committee for the post of lectureship in N.S.S. college of C Commerce and economics, Tadeov, Mumbai
- Member of college selection committee S.D. Arts, commerce and science college, Thane
- Member of interview of lectures Dyansadhana college, Arts, commerce and Science, Thane
- Member of selection committee for the post of lecturer in accounts Tatyah Sahib Ahilya Arts and Ved S.R.Sapre commerce college, Devrukh, Ratagiri
- Member of selection committee for the selection of the teachers fellowship during Xth plan and chemistry and zoology SS& LS Patkar college Arts and Science, Mumbai
- Member of selection committee for carrier advancements Govt. college of Education, Mumbai
- Member of selection committee for appointment of lectures Dr. Babasaheb Aambedkar college of Arts, commerce and science, Mahad, Raigad
- Member of selection committee for appointment of lectures in Sonapant Dandekar Arts, V. S. Aapte commerce and M. H. Mehta science college Palghar, Thane.
- Member of selection committee for recruitment of teachers Valia Chhaganlal Laljibhai college of commerce Valia Lilavanti Ben Chhaganlal college of Arts, Andheri, Mumbai

- Member of selection committee for recruitment of teachers in chemistry, physics and history, Bhavans College, Mumbai.
- Member of selection committee for appointment of lectures and librarian in Dyansadhana college, Arts, Commerce and Science, Thane
- Member of selection committee for teacher fellowship under college faculty development program Xth plan Ruia college Mumbai
- Member of selection committee for the appointment of post of principle Sant Rawool Maharaj Mahavidhyalay Kudal, Sindhudurg.
- Expert, Selection Committee Meeting for Career advancement for Placement of teachers in N.B. Mehta (Valwada) Science College, Thane (12th July, 2008).
- Expert, Placement Committee Meeting, RTM Nagpur University, Nagpur- 20.3 2009.

Environmental Research studies Conducted- 37 Nos.**Environmental Research /consultancy studies conducted in industries:**

1. M.H.Fulekar, A.V. Venkatnarayan, B.Parthasarathi & C. Rangaraj; Study Of Environmental Conditions In Various Shops Of H.M.T. Watch Factory, Tumkur, Karnataka. 1-21, January, 1985.
2. M.H.Fulekar, A.V. Venkatnarayan, B.Parthasarathi & C. Rangaraj; Assessment Of The Airborne Pollutants In Various Operations Of Bharat Heavy Electricals Ltd., Hyderabad. 1-36, June, 1986.
3. M.H.Fulekar, V.T. Kadam and V.M. Markar; Assessment of the Airborne Contaminants In Shell Forge, Electroplating And Paint Shops Of Ordnance Factory, Ambajhari, Nagpur. 1-16, July, 1986.
4. As A Member Of Task Force Committee Of Kerela Government, Visited Various Industries In Kerela For Environmental Survey For Improving Industrial Working Environment.1986.
5. Along With Iind Environment Al Safety Committee Visited Various Factories In Maharashtra.1987.
6. M.H.Fulekar & S.B.Shetye; Assessment Of Xylene Vapor In Varnish Booth Of Siemens India Ltd., Worli, Mumbai. 1-5, January 30, 1987.
7. M.H.Fulekar, A Study Of Working Condition In M/S Kashi Chem. Ltd. , Thane.1-4, January 8, 1988.
8. M.H.Fulekar, A Study Of Working Condition M/S Step Cosmetic, Thane. 1-3, January 8, 1988.
9. M.H.Fulekar, Evaluation Of Airborne Asbestos Fibers During Loading / Unloading Operations At Indira Docks, Mumbai. 1-5, April 9, 1987.
10. M.H.Fulekar, M.K. Mandre & S.Y. Sawant, Environmental Monitoring Of Solvent Vapors In The Metal Decoration Department Of Larsen & Turbo Ltd, Mumbai. 1-12, August 30 & 31, 1988.
11. M.H.Fulekar, A Study Of Working Conditions In The Form (Insulating Material) Preparation Section Of M/S Volta's Ltd., Thane On Experimental Scale. 1-4, June 14, 1988.

12. M.H.Fulekar, M.K. Mandre & S.Y. Sawant, Assessment of Levels of Airborne Perchloroethylene And Rubber Fumes In The Coal Impregnation Section Of M/S Larsen And Turbo Ltd., Powai, Mumbai. 1-7, August 14, 1989.
13. M.H.Fulekar, "Assessment of Airborne Contaminants In Film Coating Section And Bonded Manufacturing Department Of M/S Griffon Laboratories Pvt. Ltd., Mumbai." Page No. 1-14, December 5, 1989.
14. M.H.Fulekar, A Report of Environmental Monitoring Study In The Pesticides Formulation Plant Of M/S Khandelwal Minerals And Pesticides, Nagpur. Page No. 1-9. February 1-2 , 1990.
15. M.H.Fulekar, Assessment of Airborne Contaminants In Electroplating Heat Treatment And Paint Shops Of Ordnance Factory, Ambernath, P.No. 1-13, September 12-13, 1990.
16. M.H.Fulekar, Assessment of Particulate Matters In An Electrical Room Of Indian Airlines, Santa Cruz, Mumbai. Page No. 1-4, January 22, 1991.
17. M.H.Fulekar, A Follow-Up Study Of Environmental Monitoring In The Pesticides Formulation Plant Of M/S Khandelwal Minerals And Pesticides, Nagpur, Page No. 1-12, April 4-5, 1991.
18. M.H.Fulekar, The present working status of slate pencil manufacturing factories Mandasaur,M.P.
19. M.H.Fulekar & M.K. Chougule, Assessment of the airborne contaminants in various shops of ordnance factory, Ambernath. 1-19, August, 1991.
20. M.H.Fulekar, A.K. Chakraborti: Environment-cum-biochemical study at M/s Hyderabad Chemical Supplies Ltd., Hyderabad" P.Nos. 1-21, November, 1991.
21. M.H.Fulekar: Assessment of Airborne Contaminants in the Chemical Plant of M/s Searle (India) Ltd., New Bombay: A follow up study" P.Nos. 1 – 10, August, 1992.
22. M.H.Fulekar and A. K. Chakraborti: "Assessment of work Environment of Quartz Manufacturing Factories (7 Units) in and around Jaipur, Ajmer (Rajasthan)" P. Nos. 1 – 26, April – May, 1992.
23. M.H.Fulekar: "Assessment of Airborne Contaminants in various shops of ordnance Factory, Ambajhari, Nagpur" P .Nos 1st February – March 1992.
24. M.H.Fulekar and A. K. Chakraborti: "Study of Environmental Conditions on Occupational Exposure to Airborne Dust during loading and unloading operations of food grains at the Kandlaport, Gandhi dam, Gujarat." P.Nos. 1 - March 1992

25. M.H.Fulekar and A. K. Chakraborti: "Assessment of Environmental Conditions at the Mormugao Port, Goa, P.Nos. 1 – 35, May 1994.
26. M.H.Fulekar and A. K. Chakraborti: "Assessment of Environmental Conditions at the Kochi Port, Cochin, P.Nos. 1 – 40, November 1994.
27. M.H.Fulekar: "Assessment of Ethyl Acetate and Toluene vapors in printing sections of M/s Parle Products Ltd, Mumbai, P. Nos. 1 - August 1995.
28. M.H.Fulekar: "Assessment of Airborne Dust in the office premises of tata exports Ltd., Mumbai," P.Nos. 1 – 8, May 1996.
29. M.H.Fulekar: "Assessment of Environmental Conditions in various shops of Hero Honda Motors Ltd., Dharuhera, Haryana,." P.Nos. 1 – 59, July 1996.
30. M.H.Fulekar: "Assessment of Airborne Contaminants in various shops of ordnance Factory, Nagpur." P.Nos. 1 – 49, October 1996.
31. M.H.Fulekar: "Monitoring of Airborne Pollutants reaching to regional labor commissioners office premises, Chembur, Mumbai" P.Nos 1 – 9, January 1997.
32. M.H.Fulekar: "Assessment of Lead Dust during sieving operations at Cable Corporation of India Ltd., P.Nos. 1 – 9, March 1997.
33. M.H.Fulekar: "Monitoring of Asbestos fibers in M/s Johnson and Johnson Ltd., Mulund, Mumbai, P.Nos. 1 - , September 1997.
34. M.H.Fulekar and A. K. Chakraborti: "Assessment of Dust hazards and Environmental conditions at Jawaharlal Nehru Port Trust (JNPT), New Mumbai, P.Nos. 1 – 36, 1997.
35. M.H.Fulekar & M. M. Alam Khan: "Assessment of dust exposure and environmental conditions at Thermal Power Stations, Khaperkheda (Nagpur), P.Nos. 1 – 51, 1997.
36. M.H.Fulekar & M. M. Alam Khan: "Assessment of dust exposure and environmental conditions at Thermal Power Stations, Koradi (Nagpur), P.Nos. 1 – 23, 1998.
37. M.H.Fulekar, M. K. Mandre & M. M. Alam Khan: Assessment of dust exposure and environmental conditions at Super Thermal Power Stations, Chandrapur, P.Nos. 1 – 39, May 1998.5
