Maulin P. Shah **+91-9099965504**
PhD- Microbiology **shahmp@uniphos.com**

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CURRICULUM VITAE

PERSONAL INFORMATION:

Name: Maulin Pramod Shah

Date of Birth: 20th September

Qualification: Ph.D. - Microbiology

Present Designation: Chief Scientist & Head-Industrial Waste Water Research Lab, Division of Applied & Environmental Microbiology Lab, Enviro Technology Limited

Father's Name: Prof (Dr) P R Shah

Ex-Head, Dept. of Microbiology

Ex- Director, Rotary Institute of Medical Technology

S.P.T Arts & Sci. College, Gujarat University, Godhra 389 001, Gujarat

EDUCATIONAL QUALIFICATION:

PhD – Microbiology

Title: "Microbial Biotechnology for Recycling of Refuse & Agro-waste"

Year – April, 2005

University – Sardar Patel University, Vallabh Vidyanagar 388 120, Gujarat

Supervisor – Professor I L Kothari

M.Sc – Microbiology

Year – May, 2001

University – Sardar Patel University, Vallabh Vidyanagar 388 120, Gujarat

B.Sc - Microbiology

Year – April, 1999

University – Gujarat University, Godhra, Gujarat

JOB PROFILE:

Phone: +91- 9099965504 **E-mail: shahmp@uniphos.com**
mbacilli@yahoo.com

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=>Worked as **"Executive** in **Microbiology Lab** at **Enviro Technology Ltd**.,

Ankleshwar, Gujarat from **1st June 2005** to **27th June, 2009**.

=>Worked as a **Lecturer** at **Shri P.M.Patel Institute of P.G.Studies & Research in Science,** Anand People's Medicare Society, Anand (Affiliated to Sardar Patel University, Gujarat) Period: From July, 2009 to February, 2011

TRAINING:

=>Worked as **Research Trainee (R & D)** in the **Dept.of Biotechnology** at **Cadila Pharmaceuticals Pvt**.**Ltd**, Kadi from **01-06-2000** to **31-06-2000**.

=>Worked as **Senior Microbiologist (R & D)** in the **Phar- East Pharmaceuticals Pvt Ltd**, **Godhra** from **May, 2001** to **June, 2001.**

ACADEMIC EXPERIENCE:

=>Worked as a **lecturer** in the **Department of Microbiology** at **S.P.T.Arts & Sci. College**, **Godhra** from **June 2001** to **November 2001**.

=>Worked as a **visiting lecturer** at **Rotary Institute of Medical Technology**, **Godhra** from **6th June, 2002** to **March, 2003.**

=>Worked as a **visiting lecturer** in the **Department of Biotechnology** at **Anand Mercantile College of Computer, Science and Technology, Anand** from **July 2004** to **February 2005.**

=>Worked as a **visiting lecturer** at **Ankleshwar Environmental Preservation Society (A.E.P.S)**, **Ankleshwar**, **Recognized** by **Technical Education Board, Gandhinagar**, Gujarat from **1st August 2005** to **27th June, 2009**.

=>Worked as a **"Scientific Advisor**" at **"Bharuch Eco-Aqua Infrastructure Limited" (BEAIL, A Final Effluent Treatment Plant, jointly run by the Govt. of Gujarat, Ankleshwar Industrial Association, Jhagdia Industrial Association & Panoli Industrial Association) from 01/11/2006** to **27th June, 2009.**

⇨ Working as a **Visiting Faculty** in **Department of Environmental Science**, at **Shroff S.R.Rotary Institute of Chemical Technology (SRICT),** Ankleshwar from September, 2012 to till date.

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⇨ Working as a Visiting Faculty at **Ankleshwar Environmental Preservation Society (A.E.P.S)**, **Ankleshwar**, **Recognized** by **Technical Education Board, Gandhinagar**, Gujarat from **1st January, 2013** to **till date.**

⇨ Working as an **Expert Committee Member** at **"Narmada Clean Tech Limited" (**Formerly known as Bharuch Eco Aqua Infrastructure Limited, A Final Effluent Treatment Plant, jointly run by the Ankleshwar Industrial Association, Jhagdia Industrial Association & Panoli Industrial Association) from 01/04/2011 to till date.

Subject Taught At Ankleshwar Environmental Preservation Society (A.E.P.S), Recognized by Technical Education Board (T.E.B), Gandhinagar Government of Gujarat:

=>General Microbiology

=>Industrial Microbiology

=>Applied Microbiology for Industrial Effluent Treatment

=>Biochemistry

=>Bacterial Genetics

=>Fungal Genetics

=>Cell Biology

=>Bioprocess & Biochemical Engineering

List of Dissertation Students Guided in Applied Microbiology for Industrial Effluent Treatment (A Certificate Course Run by Ankleshwar Environmental Preservation Society & Recognized by Technical Education Board, Gandhinagar):

(1) Mr. Tejas R Shirolawala: Environmental Health Criteria for Phenol.

(2) Mr. Rushi P Shah: Bacterial Metabolism in Waste Water Treatment.

(3) Mr. Paresh Sarvan: Degradation of Phenol Using Bacterial Culture (*Pseudomonas* Spp.)

List of Dissertation Students Guided in Environment Sciences:

(1) Ms. Ankita Bhairaviya (M.Sc-I, Env. Sciences, Sardar Patel University, Vallabh Vidyanagar 388 120), June 2007

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Project Title: Effect of Env. Parameters on Growth of Two Isolated Soil Fungi.

(2) Ms. Jagruti Jagivala (B.Sc-Env. Sci, SardarPatel University, Vallabh Vidyanagar 388 120), June 2007

Project Title: Potential Effect of Media, pH, Temp On Growth of Two Lignocellulolytic Fungi.

Subject Taught At Shri P M Patel Institute of P.G.Studies & Research in Science, Sardar Patel University, Anand:

=>Molecular Biology
=>Applied & Environmental Microbiology
=>Process Biochemistry
=>Molecular Genetics
=>Microbial Technology
=>Cell Biology & Genetics
=>Bioprocess & Biochemical Engineering

List of Dissertation Students Guided in Microbiology / Biotechnology / Biochemistry / Environment Science at Sardar Patel University, Vallabh Vidyanagar, Gujarat:

(1) Ms. Soniya Sebastian (M.Sc-IVth Semester, Shree P.M.Patel Institute of P.G Studies & arch in Science, Sardar Patel University, Vallabh Vidyanagar 388 120), June, 2010.

Thesis Title: Microbial Degradation of Copra waste by *Penicillium* spp. SS-005 : A Novel Biotechnological Approach.

(2) Ms. Margi Patel (M.Sc-IVth Semester, Shree P.M.Patel Institute of P.G.Studies & Research in Science, Sardar Patel, University, Vallabh Vidyanagar 388 120), June 2010.

Thesis Title: Microbial Biotechnology for Biotransformation of Groundnut waste into useful products.

(3) Ms. Jigna Patel (M.Sc-IVth Semester, Shree P.M.Patel Institute of P.G.Studies & Research in Science, Sardar Patel niversity,Vallabh Vidyanagar 388 120), March, 2012.

Thesis Title: Microbial Decolorization of Azo dye by *Bacillus spp*. ETL-1987: An Innovative Biotechnological Approach Providing Answers to the Problems of CETP.

(4) Ms. Kavita Patel (M.Sc-IVth Semester, Shree P.M.Patel Institute of P.G.Studies & Research in Science, Sardar Patel University,Vallabh Vidyanagar 388120), March, 2012.

Thesis Title: Microbiological Removal of Phenol by an Application of *Pseudomonas spp*. ETL-1979: An Innovative Biotechnological Process for the Sustainable Environment

(5)Ms. Krupali Patel (M.Sc-IVth Semester, Shree P.M.Patel Institute of P.G.Studies & Research in Science, Sardar Patel University,Vallabh Vidyanagar 388120), March, 2012.

Thesis Title: Biodegradation & Decolorization of Dye containing Effluent using Mixed Consortia of *Pseudomonas spp*.

(6)Ms. Neelamdip Kaur (M.Sc-IVth Semester, Shree P.M.Patel Institute of P.G.Studies & Research in Science, Sardar Patel University,Vallabh Vidyanagar, 388 120), June 2010.

Thesis Title: Ecofriendly Treatment of Azo Dyes: Biodecolorization using Bacterial strains.

(7) Mr. Vishal Mandaviya (M.Sc-IVth Semester, Shree P.M.Patel Institute of P.G.Studies & Research in Science, Sardar Patel University,Vallabh Vidyanagar 388 120), June 2010.

Thesis Title: An Innovative Approach to Biodegradation of Textile Azo Dyes by native bacterial strains in Ankleshwar, Gujarat

HONORS:

=>Invited by the August Body as a **Coordinator, Scientific Committee** for **5th International Congress of Environmental Research (ICER-12)** on November 22-24, 2012 at UMT, Terengganu (Malaysia).

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RESEARCH PROJECTS COMPLETED: 01

=>Microbial Biotechnology for Recycling of Banana Agro waste- Funded by Gujarat Council on Science & Technology (Letter No: GUJCOST/SSP/201456/2009-10/2678).

=>**Duration**: One Year: One Year

=>**Sanctioned Amount**: Rs. 13,000.00 (Rupee Thirteen Thousand Only)

=>Worked as an **External Theory Paper Setter & Practical Examiner** at **Ankeleshwar Environmental Preservation Society (A.E.P.S)**, **Ankleshwar** recognized by **Technical Education Board, Gandhinagar, Gujarat.**

RESEARCH EXPERIENCE:

=>Worked as a **Project Fellow** (From June, 2002 to June 2004) in the Project entitled "**Biology of Ecologically Important & Life Supporting Plants of Little Rann of Kutcch**". Funded by **Ministry of Environment & Forest, New Delhi**, under the Principal Investigation of **Prof I L Kothari.**

=>Worked as a **Senior Research Fellow** (From June 2004 to May 2005) in the Project entitled "**Isolation and Molecular Characterization of Nematophagous Fungi**" Funded by **National Dairy Development Board**, Anand, under the Principal Investigation of **Prof I L Kothari**.

SYMPOSIA / CONFERENCE PARTICIPATED:

=>Actively participated in **Mycological Society of India** conference held in 1999, **P.G.Dept.of Biosciences**, S.P.Uni, V.V.Nagar, Gujarat.

=>Actively participated in **Association of Microbiologist of India** conference held in 1999, **P.G.Dept.of Biosciences**, S.P.Uni, V.V.Nagar, Gujarat.

=>Actively participated in **Society of Biological Chemist** conference held in 2000, **P.G Dept.of Biosciences**, S.P.Uni, V.V.Nagar, Gujarat.

=>Actively participated in **Association of Microbiologist of India** conference held in 2001. **P.G.Dept. of Microbiology**, Gulbarga Uni, Gulbarga, Karnataka.

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=>Actively participated in the **Department o Science & Technology (DST)** sponsored Contact Programme and Workshop on **"Protoplast Fusion Technology for Strain Improvement in Filamentous Fungi"** held at the **Centre for Advanced Studies in Botany, University of Madras, Chennai** from 16th to 21st December, 2002.

=>Actively participated in **International Conference on Molecular Medicine** held in 2002, at **M.S.Uni, Vadodara**, Gujarat.

=>Actively presented a Paper on **"Potential Effect of Two Fungal Isolates as Bio-Recycling Agents"** in **National Symposium** on **"Environmental Biotechnology & Biodiversity Conservation"** Sponsored by **UGC** held in 31st Jan 2002 and 1st Feb 2003 at **P.G.Dept. Of Biosciences**, **S.P.Uni, V.V.Nagar**, **Gujarat**.

=>Actively participated in **One Day Workshop on "Modern Biological Techniques organized"** by the **P.G. Dept. of Biosciences, S.P.University, V.V.Nagar** on 12th December, 2003.

=>Actively participated in **Department of Biotechnology** Sponsored **National Science Day Celebrations** on 27th & 28th February, 2004 held at **P.G.Dept. of Biosciences, S.P.University, V.V.Nagar**.

=>Actively participated in Workshop conducted during **The Ramanbhai Foundation 2nd International Symposium** on **Current Trends in Pharmaceutical Sciences: "Role of Genomics & Proteomics"** Held at **Zydus Research Center, Zydus Cadila Health Care**, Ahemdabad, Gujarat on 22nd January, 2005.

RESEARCH PUBLICATION:

2001:

1. G.V.Reddy, K.S.Dolt, P.D.Kunjadia, **M.P.Shah** & I.L.Kothari Bioaccumulation of Limonoids in *Pl*.sajor-*caju*. **Journal of Scientific & Industrial Research**. Vol: 60, December 2001. Pp.937- 940.

2002:

2. G.V.Reddy, **M.P.Shah**, I.L.Kothari & A. Ray. Infrared spectroscopic analyses of Banana waste degraded by oyster mushroom. **Indian Journal of Experimental Biology**, Vol. 40, September 2002, pp. 1038-1042.
3. G.V.Reddy, **M.P.Shah** & I.L.Kothari Effect of Vitamins and Growth Regulators on Growth and Biological Efficiency of *Pl.ostreatus* and *Pl.sajor-caju.* **Indian Journal of Microbiology**, Vol.42, December 2002, pp.335-337.

2005:

4. **Maulin P Shah,** G V Reddy, Rajarshi Banerjee, P Ravindra Babu & I L Kothari Microbial Degradation of Banana Waste Under Solid State Bioprocessing Using Two Lignocellulolytic Fungi (*Phylosticta* spp. MPS-001 & *Aspergillus* spp. MPS-002) **Process Biochemistry**. Vol. 40, 2005, pp.445-451.
5. **Maulin P Shah**, A Nagee, Kunjadiya Prashant, P N Mukopadhyay, & Kothari I L. Identification of an anonymous RFLP DNA probe through Multiple Arbitrary Amplicon Profiling and its use for strain differentiation of a field isolate of cellulose-degrading *Aspergillus niger (*MPS-002). Vol.34, 2006, pp.334-339, **Bio Resource Technology, December 2005.**

2012:

6. **Maulin P Shah,** Soniya Sebastian, Hemangi Mathukiya, A.M.Darji. Biodegradation of Phenol by an Application of *Pseudomonas spp.* ETL-2414. **International Journal of Bioengineering and Technology (2012), Vol.3 (2)**

2013:

7. **Maulin P Shah,** Kavita A Patel, Sunu S Nair, A.M.Darji. Microbial Degradation of Textile Dye (Remazol Black B) by *Bacillus spp.* ETL-2012. **Journal of Bioremediation & Biodegradation (2013), Vol: 4:2 (USA)**

8. **Maulin P Shah,** Kavita A Patel, Sunu S Nair, A.M.Darji. Bioremoval of Azo dye Reactive Red by *Bacillus* spp. ETL-1982. **Journal of Bioremediation & Biodegradation (2013), Vol: 4:3 (USA).**
9. **Maulin P Shah,** Kavita A Patel, Sunu S Nair, A.M.Darji. Optimization of Environmetnal Parameters on Microbial Degradation of Reactive Black Dye. **Journal of Bioremediation & Biodegradation (2013), Vol: 4:3 (USA).**
10. **Maulin P Shah,** Kavita A Patel, Sunu S Nair, A.M.Darji. Potential Effect of Two *Bacillus spp* on Decolorization of Azo dye. **Journal Bioremediation & Biodegradation. (2013), 4:7**
11. **Maulin P Shah,** Kavita A Patel, Sunu S Nair, A.M.Darji, Shaktisinh J Maharaul. Exploited Application of Bacillus spp. ETL-1979 for Degradation and Decolorization of Methyl Orange, Malachite Green and Congo Red. **Journal Bioremediation & Biodegradation. (2013). 4:6**
12. **Maulin P Shah,** Kavita A Patel, Sunu S Nair, A.M.Darji, Shaktisinh J Maharaul. Microbial Decolorization and Degradation of Orange 16 Dye by a Newly Isolated Aeromonas spp. ETL-1949. **Journal Bioremediation & Biodegradation. (2013). 4:6**
13. **Maulin P Shah,** Kavita A Patel, Sunu S Nair, A.M.Darji, Shaktisinh J Maharaul. Exploiting Application of Pseudomonas spp. ETL-2013 in Microbial Degradation and Decolorization of Disperse Orange 3. **Journal Bioremediation & Biodegradation. (2013). 4:6**
14. **Maulin P Shah,** Kavita A Patel, Sunu S Nair, A.M.Darji, Shaktisinh J Maharaul. Microbial Degradation of Reactive Red by Pseudomonas spp. MPS-2. **Journal Bioremediation & Biodegradation. (2013). 4:6**
15. **Maulin P Shah,** Kavita A Patel, Sunu S Nair, A.M.Darji. Microbial Degradation of Reactive Orange M2R Dye by Bacterial Consortium ETL-A. **Journal Bioremediation & Biodegradation. (2013). 4:7**
16. **Maulin P Shah,** Kavita A Patel, Sunu S Nair, A.M.Darji. Isolation, Screening & Identification of Dye Decolorizing Bacteria from Common Effluent Treatment Plant

of Ankleshwar, Gujarat. **Asian Journal of Microbiology, Biotechnology & Environment Science, Vol. 15, No. 93) (2013) : 533-540**

17. **Maulin P Shah,** Soniya Sebastian, Hemangi Mathukiya**,** A.M.Darji, Jigna Patel, Kavita A Patel. Decolorization of Remazol Black-B by Three Bacterial Isolates. **Romanian Achieves of Microbiology & Immunology (Romania), (2013).**
18. **Maulin P Shah,** Kavita A Patel, Sunu S Nair, A.M.Darji. Microbial Decolorization of Methyl Orange Dye by Pseudomonas spp. **OA Journal of Biotechnology (UK), (2013), 01:2(1):10**
19. **Maulin P Shah,** Kavita A Patel, Sunu S Nair. Microbiological removal of Crystal Violet Dye by *Bacillus subtillis* ETL-2211. **OA Journal of Biotechnology (UK), (2013), 01:2(1):09**
20. **Maulin P Shah,** Kavita A Patel, Sunu S Nair, A.M.Darji. Exploring the Strength of *Pseudomonas aeruginosa* ETL-1942 in Decolorization and Degradation of Acid orange dye to combat Textile Effluent: Applied Aspects. **OA Journal of Biotechnology (UK). (2013), 01:2(2):12**
21. **Maulin P Shah,** Kavita A Patel, Sunu S Nair, A.M.Darji. Microbial Degradation and Decolorization of Reactive Black by an Application of Pseudomonas stutzeri ETL-79. **OA Journal of Biotechnology (UK). (2013), 01:2(2):13**
22. **Maulin P Shah,** Kavita A Patel, Sunu S Nair, A.M.Darji. Selection of bacterial strains efficient in decolorization of Remazol Black-B. **OA Journal of Biotechnology (UK). (2013), 01:2(2):14.**
23. **Maulin P Shah,** Kavita A Patel, Sunu S Nair, A.M.Darji. Microbial Decolorization of Textile Dye by *Bacillus spp.* ETL-79: An Innovative Biotechnological Aspect to Combat Textile Effluents. **American Journal of Microbiological Research. (2013).Vol.1, No.3, 57-61**
24. **Maulin P Shah,** Kavita A Patel, Sunu S Nair, A.M.Darji, Shaktisinh J Maharaul. Optimization of Environmental Parameters on Decolorization of Remazol Black B using Mixed Culture. **American Journal of Microbiological Research. (2013), Vol.1.No.3, 53-56**

25. **Maulin P Shah,** Kavita A Patel, Sunu S Nair, A.M.Darji. Molecular Characterization and Optimization of Azo Dye Degrading *Bacillus subtillis* ETL-**(2013)**. **Accepted in OA Journal of Cell & Molecular Biology (UK)**
26. **Maulin P Shah,** Kavita A Patel, Sunu S Nair, A.M.Darji. Microbial Degradation and Decolorization of Reactive Orange Dye by strain of *Pseudomonas Spp*. **International Journal of Environmental Bioremediation & Biodegradation (USA), (2013), Vo;.1, No.1, 1-5**
27. **Maulin P Shah,** Kavita A Patel, Sunu S Nair, A.M.Darji. Environmental Bioremediation of Dyes by Pseudomonas aeruginosa ETL-1 isolated from Final Effluent Treatment Plant of Ankleshwar. **American Journal of Microbiological Research (USA), (2013), Vo;.1, No.4, 78-83**
28. **Maulin P Shah,** Kavita A Patel, Sunu S Nair, A.M.Darji. Isolation, Identification and Screening of Dye Decolorizaing Bacteria. **American Journal of Microbiological Research (USA), (2013), Vo;.1, No.4, 62-70**
29. **Maulin P Shah,** Kavita A Patel, Sunu S Nair, A.M.Darji. Microbial Decolorization of Remazol Brilliant Orange 3R, Remazol Black B & Remazol Brilliant Violet dyes in a Sequential Anaerobic-Aerobic System. **International Journal of Environmental Bioremediation & Biodegradation (USA), (2013), Vo;.1, No.1, 6-13**
30. **Maulin P Shah,** Kavita A Patel, Sunu S Nair, A.M.Darji. Microbial Degradation and Decolorization of Methyl Orange dye by an Application of Pseudomonas spp. ETL-1982. **International Journal of Environmental Bioremediation & Biodegradation (USA), (2013), Vo;.1, No.1, 26-36**
31. **Maulin P Shah,** Kavita A Patel, Sunu S Nair, A.M.Darji. Microbial Decolorization of the Azo Dye Methyl Red by Enterobacter *spp*. ETL-1979 **Journal of Applied & Environmental Microbiology (USA), (2013), Vol.1, No.1, 1-5**
32. **Maulin P Shah** Combined Application of Biological-Photocatalytical Process in Degradation of Reactive Black Dye: An Excellent Outcome. **American Journal of Microbiological Research** (USA), **(2013)**, Vol:1, No:4, 92-97

33. **Maulin P Shah,** Kavita A Patel, Sunu S Nair, A.M.Darji, Shaktisinh Maharaul. Microbial Degradation of Azo Dye by Pseudomonas spp. MPS-2 by an Application of Sequential Microaerophilic & Aerobic Process. **American Journal of Microbiological Research** (USA), **(2013)**, Vol: 1, No: 4, 105-112.
34. **Maulin P Shah,** Kavita A Patel, A.M.Darji. Microbial Decolorization of Reactive Black by Pseudomonas stutzeri ETL-79. **International Journal of Environmental Bioremediation & Biodegradation (USA), (2013), Vol.1, No.2, 37-42**
35. **Maulin P Shah,** Kavita A Patel, Sunu S Nair, A.M.Darji. Microbial Decolorization of Methyl Orange Dye by Pseudomonas spp. ETL-M. **International Journal of Environmental Bioremediation & Biodegradation (USA), (2013), Vol.1, No.2, 54-59**
36. **Maulin P Shah,** Kavita A Patel, Sunu S Nair, A.M.Darji. An Innovative Approach to Biodegradation of Textile Dye (Remazol Black B) by Bacillus spp. **International Journal of Environmental Bioremediation & Biodegradation (USA), (2013), Vol.1, No.2, 43-48**

2014:

37. **Maulin P Shah**, Kavita A Patel. Microbial Degradation of Reactive Red 195 by Three Bacterial Isolates in Anaerobic-Aerobic Bioprocess. **International Journal of Environmental Bioremediation & Biodegradation (USA), (2014), Vol.2, No.1, 5-11.**
38. **Maulin P Shah** Microbiological Removal of Phenol by an Application of Pseudomonas spp. ETL. An Innovative Biotechnological Approach Providing Answers to the problems of FETP. **Journal of Applied & Environmental Microbiology (USA), (2014), Vol.2, No.1, 6-11.**
39. **Maulin P Shah** Exploring the Strength of *Pseudomonas putida* ETL-7 in Microbial Degradation and Decolorization of Remazol Black-B. **International Journal of Environmental Bioremediation & Biodegradation (USA), (2014), Vol.2, No.1, 12-17.**

40. **Maulin P Shah** Azo dye reduction by Methanogenic Granular Sludge Exposed to Oxygen. **International Journal of Environmental Bioremediation & Biodegradation (USA), (2014), Vol.2, No.1, 18-24.**
41. **Maulin P Shah** Exploited Application of *Bacillus spp*. ETL-A & *Pseudomonas spp.* ETL-B in Microbial Degradation of Orange 16 dye. **International Journal of Environmental Bioremediation & Biodegradation (USA), (2014), Vol.2, No.1, 37-43.**
42. **Maulin P Shah, Kavita A Patel, Sunu S Nair, A M Darji** Microbial Degradation and Decolorization of Reactive Dye by *Bacillus spp*. ETL-1979. **American Journal of Microbiological Research (USA), (2014), Vol.2, No.1, 16-23.**
43. **Maulin P Shah** Microbial Decolorization of Reactive Azo Dye by *Bacillus spp.* ETL-1949 under Anaerobic condition. **International Journal of Environmental Bioremediation & Biodegradation (USA), (2014), Vol.2, No.1, 30-36.**
44. **Maulin P Shah, Kavita A Patel, Sunu S Nair, A M Darji** An Application of Response Surface Methodology in Microbial Degradation of Azo dye by *Bacillus subtillis* ETL-1979. **American Journal of Microbiological Research (USA), (2014), Vol.2, No.1, 24-34.**
45. **Maulin P Shah.** An Application of Bioaugmentation Strategy to Decolorize & Degrade Reactive Black dye by Pseudomonas spp. **International Journal of Environmental Bioremediation & Biodegradation (USA), (2014) Vol 2), No.2, 50-54**
46. **Maulin P Shah.** Exploring the Strength of *Pseudomonas* –A & *Pseudomonas* B in Removal of $ClO4^-$ & $ClO3^-$: An Outstanding Approach of Environmental Bioremediation. **International Journal of Environmental Bioremediation & Biodegradation (USA), (2014) (Vol 2), No.2, 55-61**
47. **Maulin P Shah.** Exploited Application of a Newly Isolated *Pseudomonas acidovorans* XII in Microbial Degradation of 1-Chloro-4-Nitrobenzene. **International Journal of Environmental Bioremediation & Biodegradation (USA), (2014) (Vol 2), No.2, 75-83**

48. **Maulin P Shah,** Kavita A Patel, Sunu S Nair, A M Darji. Decolorization of Remazol Black-B by Three Bacterial Isolates. **International Journal of Environmental Bioremediation & Biodegradation (USA), (2014) (Vol 2), No.1, 44-49**
49. **Maulin P Shah.** Eco-Friendly Treatment of Acid Red by an Application of *Pseudomonas spp.*. **International Journal of Environmental Bioremediation & Biodegradation (USA), (2014) (Vol 2), No.2, 62-68**
50. **Maulin P Shah.** Evaluation and Analysis of Bacterial Communities from Different Waste Water Treatment Plants by Denaturing Gradient Gel Electrophoresis with Group Specific 16s rRNA. **International Journal of Environmental Bioremediation & Biodegradation (USA), (2014) (Vol 2), No.3, 100-111**
51. **Maulin P Shah.** Microbial Degradation and Decolorization of Acid Orange Dye by Anaerobic/Aerobic Sequential Process **International Journal of Environmental Bioremediation & Biodegradation (USA), (2014) (Vol 2), No.3, 112-116**
52. **Maulin P Shah.** Microbial Degradation of Acid Blue Dye by Mixed Consortium **International Journal of Environmental Bioremediation & Biodegradation (USA), (2014) (Vol 2), No.3, 125-132**
53. **Maulin P Shah,** Kavita A Patel. Microbial Decolorization and Degradation of Remazol Black & Mordant Orange by Microbial Consortia Isolated from Common Effluent Treatment Plant. **International Journal of Environmental Bioremediation & Biodegradation (USA), (2014) (Vol 2), No.3, 117-124**
54. **Maulin P Shah** Microbial Degradation of Azo Dye by Pseudomonas spp 2413 Isolated from Activated Sludge of Common Effluent Treatment Plant. **International Journal of Environmental Bioremediation & Biodegradation (USA), (2014) (Vol 2), No.3, 133-138**
55. **Maulin P Shah** On Site Application of Pseudomonas Aeruginosa ETL-1942 and Bacillus Cereus ETL-1949 in Decolorization and Degradation of Remazol Black-B **International Journal of Environmental Bioremediation & Biodegradation (USA), (2014) (Vol 2), No.3, 139-145**

56. **Maulin P Shah** Bioremedial Application of *Bacillus Megaterium* PMS82 in Microbial Degradation of Acid Orange Dye **International Journal of Environmental Bioremediation & Biodegradation (USA), (2014) (Vol 2), No.3, 93-99**
57. **Maulin P Shah** Exploited Application of Denaturing Gradient Gel Electrophoresis in Analysis of Ammonia Oxidizing Bacterial Community Structure **Journal of Applied & Environmental Microbiology (USA), (2014) (Vol 4), No.3, 116-127**
58. **Maulin P Shah** An Application of Mixed Consortium in Microbial Degradation of Reactive Red: Effective Strategy of Bioaugmentaiton **Journal of Applied & Environmental Microbiology (USA), (2014) (Vol 2), No.4, 143-154**
59. **Maulin P** Shah Microbial Degradation of 3-Chloroaniline by two Bacterial Strains isolated from Common Effluent Treatment Plant **Journal of Applied & Environmental Microbiology (USA), (2014) (Vol 2), No.4, 155-165**
60. **M. Shah** An Application of Sequencing Batch Reactors in the Identification of Microbial Community Structure from an Activated Sludge **Journal of Applied & Environmental Microbiology (USA), (2014) (Vol 2), No.4, 176-184**
61. **M. Shah** Exploring the efficacy of Bioaugmentation Strategy in Microbial Degradation of Chloroaniline. **Journal of Applied & Environmental Microbiology (USA), (2014) (Vol 2), No.4, 185-193**
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69. **Maulin Shah** Exploited Application of *Enterobacter spp*. in Microbial Degradation of Acrylamide: An Environmental Bioremedial Approach (Submitted) **Journal of Applied & Environmental Microbiology**
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103. **Maulin P Shah** An Application of Enterobacter spp. in Microbial Degradation of Acrylamide. **International Research Journal of Biochemistry and Biotechnology.**
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105. **Book Chapter: Microbe-Mediated Degradation of Synthetic Dyes in Wastewater.** Microbial Degradation of Synthetic Dyes in Wastewaters Environmental Science and Engineering 2015, pp 205-241, Edited by Prof S N Singh.

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112. **Maulin P Shah** Genetic Regulation and Metabolic Activity of Ammonia Oxidizing Bacteria through Nitrite Effect. **African Journal of Microbiology Research**

113. **Maulin P Shah** Understanding the Efficacy of Influent Waste Water on Microbial Community Structure of Activated Sludge Process **African Journal of Biotechnology**

114. **Maulin P Shah** Exploitation of Molecular Genetics in Microbial Degradation and Decolorization of Industrial Waste Water Effluent **African Journal of Biotechnology**

115. **Maulin P Shah** Microbial degradation of acid orange dye by an application of Pseudomonas spp. ETL-1979 isolated from the textile dye effluent: An environmental bio-remedial approach **OA Biotechnology** 1 (3)

116. **Maulin P Shah** Quantification of Nitrate reduction genes in anoxic treatment plant **Water Research (Accepted)**

117. **Maulin P Shah** Dynamics of AOB and NOB in Activated Sludge Process of Effluent Treatment Plant **Austin Journal of Biotechnology & Bioengineering (Submitted)**

118. **Maulin P Shah** Exploitation Application of Pyrosequencing in Analysis of Ammonia Oxidizing Bacteria of Industrial Waste Water Treatment Plant **Water Research (Accepted)**

119. **Maulin P Shah** Effect of Anaerobic Granular Sludge in Degradation of Two Azo dyes**. International Journal of Environmental Research (Accepted)**

120. **Maulin P Shah** **Book Chapter in Springer** Microbe-Mediated Degradation of Synthetic Dyes in Wastewater **Microbial Degradation of Synthetic Dyes in Wastewaters**, 205-241 (Ed: Shree Nath Singh)

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Reviewer:

1. Bioremediation Journal
2. Journal of Bioremediation & Biodegradation (OMICS Group)
3. International Journal of Research in Biosciences
4. International Journal of Environmental Bioremediation & Biodegradation (Science and Education Publishing, USA)
5. American Journal of Microbiological Research (Science and Education Publishing, USA)
6. Indian Journal of Biotechnology
7. African Journal of Biotechnology
8. African Journal of Microbiology
9. Journal Applied & Environmental Microbiology (Science and Education Publishing, USA)
10. Eco-toxicology & Environmental Pollution (ELSEVIER)
11. American Journal of Bioengineering and Biotechnology
12. Journal of Environmental Pollution and Human Health (Sci. & Edu. Publishing., USA)
13. Journal of Petroleum and Environmental Biotechnology (Science and Education Publishing, USA)
14. GERF Bulletin of Biosciences- An Official of Green Earth Research Foundation
15. Environmental Health Insights-Liberta
16. Journal of Environmental & Analytical Toxicology
17. Current Biotechnology
18. British Research Journal of Microbiology
19. Water Science & Technology (IWA Publishing)
20. Water Research (ELSEVIER)
21. International Journal of Industrial Waste Water Treatment
22. Nucleic Acid Research
23. Journal of Hazardous Materials
24. Process Biochemistry
25. Biodegradation
26. Molecular Biology-OMICS
27. Journal of Microbial & Biochemical Technology-OMICS
28. Molecular Biotechnology-Springer
29. Journal of Bio processing & Bio techniques-OMICS
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31. Advances in Recycling & Waste Management-OMICS
32. Expert Opinion On Environmental Biology-OMICS
33. Journal of Pollution Effects & Control-OMICS
34. Journal of Industrial Pollution Control-OMICS
35. Applied Biological Chemistry-Springer
36. BMC Microbiology
37. Water & Environment-Wiley

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38. International Journal of Water Resources & Environmental Engineering
39. International Biodeterioration & Biodegradation
40.

Editor/Editorial Board Member

1. **Editorial Board Member** in Journal of Environment Pollution and Human Health (Science and Education Publishing, USA) (2012-2014)
2. **Founder Editor-in-Chief** in International Journal of Environmental Bioremediation & Biodegradation (Science and Education Publishing, USA) **From: 2011 to 2014**
3. **Founder Editor-in-Chief** in Journal of Applied & Environmental Microbiology (Science and Education Publishing, USA) **From: 2011 to 2014**
4. **Editorial Board Member:** Electronic Journal of Energy & Environment
5. **Editor** in American Journal of Microbiological Research (Science and Education Publishing, USA) (2012-2014)
6. **Editorial Board:** Journal of Petroleum & Environmental Biotechnology
7. **Editorial Board:** Frontiers in Environmental Microbiology
8. **Editorial Board:** International Journal of Water & Waste Water Treatment
9. **Editorial Board:** SOJ Biotechnology Open Access
10. **Editorial Board:** SOJ Microbiology & Infectious Disease Open Access
11. **Editorial Board:** Journal of Environmental Science & Sustainability
12. **Editorial Board:** International Journal of Biotechnology Applications
13. **Editorial Board:** Austin Journal of Biotechnology & Bio engineering
14. **Editorial Board:** Electronic Journal of Energy & Environment
15. **Editorial Board:** GERF Bulletin of Bio science
16. **Editorial Board:** Advances in Microbiology
17. **Editorial Board:** European Journal of Biotechnology & Bio science
18. **Editorial Board:** International Journal of Waste Resources
19. **Editorial Board:** International Journal of Current Biotechnology
20. **Editorial Board:** International Journal of Microbiology & Allied Sciences
21. **Editorial Board:** Research & Reviews: A Journal of Microbiology & Virology
22. **Editorial Board:** Journal of Biotech Research
23. **Editorial Board:** Applied Microbiology: OMICS
24. **Editorial Board:** Journal of Advanced Biotechnology & Bio engineering
25. **Editorial Board:** Journal of Environmental & Social Sciences
26. **Editorial Board:** Journal of Molecular Biology - OMICS
27. **Editorial Board:** Journal of Bio processing & Bio techniques-OMICS
28. **Editorial Board:** American Journal of Water Resources
29. **Editorial Board:** Advances in Recycling & Waste Management
30. **Editorial Board:** Journal of Applied Environmental & Biological Sciences (JAEBS)
31. **Editorial Board:** International Journal of Research Studies in Microbiology and Biotechnology
32 **Editorial Board**: Journal of Life Science & Biotechnology
33 **Editorial Board**: Advances in Biotechnology & Microbiology

34 **Editorial Board**: Journal of Biotechnology Science Research
35 **Editorial Board:** Bioscience & Bioengineering Communications
36 **Editorial Board**: Global Journal of Environmental Science & Management
37 **Editorial Board**: Global Journal of Biotechnology & Biomaterial Science
38 **Editorial Board:** Bioscience Biotechnology Research Asia
39 **Editorial Board:** Journal of Immunology & Cellular Microbiology
40 **Editorial Board:** Scholars Report: Section: Immunology & Microbiology
41 **Editorial Board:** Fermentation Technology- OMICS
42 **Editorial Board:** Research Journal of Environmental Toxicology
43 **Editorial Board:** Current Research in Bacteriology
44 **Editorial Board:** Asian Journal of Biotechnology
45 **Editorial Board:** Waste Recycling Research
46 **Editorial Board**: Journal of Biotechnology & Biomaterials- OMICS

POSTER PRESENTATION:

1. **M.P.Shah**, N.S.Mistry, H.A.Modi, S.Y.Kharadi & A.H.Patel. Effect of Various Phytic Acid Salts on Production of Alkaline Protease from *B.subtilis* NSM-3. Presented at **A.M.I** Conference held in 2001. Gulbarga Uni. Karnataka.

2. **M.P.Shah**, N.S.Mistry & H.A.Modi. Isolation of a high yielding alkaline protease variant of *B.subtilis* NSM-3. Presented in **International Symposium on Recent Advances in Biological Sciences-** Trichengode- Tamil Nadu, 2001.

3. **M.P.Shah**, N.S.Mistry & H.A.Modi Optimization of Alkaline protease Production by *B.subtilis* NSM-3. **Presented in International Symposium on Recent Advances in Biological Sciences**- Trichengode- Tamil Nadu, 2001.

4. **M.P.Shah**, Urvik Patel, Anju Nagge & I.L.Kothari. Potential of two fungal isolates as Bio-Recycling Agents. Presented in **National Symposium on Environmental Biotechnology and Biodiversity Conservation** under **UGC-DSA** Programme from 31st Jan and 1st Feb 2003. S.P.Uni, V.V.Nagar.

5. **M.P.Shah**, Urvik Patel & I.L.Kothari. Environmental Bioremediation of Banana Fields by Fungal Biotechnolgy. **Presented in National Symposium on Environmental Biotechnology and Biodiversity Conservation** under **UGC-DSA** from 31st Jan and 1st Feb 2003. S.P.Uni, V.V.Nagar.

6. **Maulin P Shah** ,N.S.Mistry,H.A.Modi, S.Y.Kharadi & A.H.Patel. Effect of Various Phytic Acid Salts on Production of Alkaline Protease from *B.subtilis* NSM-3. Presented at **A.M.I** Conference held in 2001. **Gulbarga Uni. Karnataka**.

7. **Maulin P Shah**, Soniya Sebastian**,** M.Patel, S.Shah, Patel Aakash, M.Topiwala, A.Pandya. Optimization of Environmental Parameters on the growth of Cellulolytic Fungi *Penicillium* spp. SS-005 for the Bioconversion of Coconut waste in to value added products. Presented at **"National Symposium on Biotechnology Led-Paradigm Shift-2010"** held at **Sardar Patel University, Vallabh Vidyanagar in 2010**.

8. **Maulin P Shah**, Soniya Sebatian, Hemangi Mathukiya, A M Darji. Microbail Degradation of Phenol by an Application of *Pseudomonas spp*. Isolated from Activated Sludge of Common Effluent Treatment Plant: A Biotechnological Approach towards Environmental Solution. Presented at **International Conference in New Horizons in Biotechnology at Trivandrum, Kerala, November, 2011.**

9. Maulin P Shah, **Soniya Sebastian**, Hemangi Mathukiya, A M Darji. Bioremediation of Dyes using Aerobic Microbial Consortia of *Pseudomonas spp*. ETL-2468.-"An environment friendly and cost cutting technology providing answers to the problems of CETP". Presented at **International Conference in New Horizons in Biotechnology at Trivandrum, Kerala, November, 2011**

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Society of India, organized by Department of Biotechnology, Punjabi University, Patiala, Punjab during 21-23 November, 2012.

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