

APPENDIX E:
PATENT
AND
CONFERENCES

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PATENT FILED:

A Dip Stick Colorimetric Sensor for Detection of Arsenate in Drinking Water- Priyabrata Sarkar, Joyati Das, **Jigisha Panda**, University of Calcutta; *Patent application number:* 1139/KOL/2012

LIST OF CONFERENCES AND WORKSHOPS

INTERNATIONAL:

ATTENDED:

1. International Conference on “Mother Earth: Save it for Future Generations” (organized by Department of Environmental Science, University of Burdwan, West Bengal, India from 13-15 February, 2010).
2. International Conference on “Frontiers in Biological Sciences” (organized by Department of Life Science, National Institute of Technology, Rourkela, Orissa, India from 1-3 October, 2010).
3. Fourth International Conference on Plants & Environmental Pollution (organized by International Society of Environmental Botanists and National Botanical Research Institute, Lucknow, U.P., India on 8-11 December, 2010).
4. International Symposium on “Challenges in Modern Biology” (organized by Centre for Modern Biology and Dr.B.C.Guha Centre for Genetic Engineering & Biotechnology, University of Calcutta, Kolkata, West Bengal, India on 28 December, 2010).
5. World Congress on Biotechnology (organised by Bright Technologies, Hyderabad, A.P.,

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India on 4-6 May, 2012).

PRESENTED:

1. Presented a **paper** titled “**Isolation, Characterisation and Identification of Chromium resistant bacteria from Tannery Effluents**” at International Conference on “Mother Earth: Save it for Future Generations” (organized by Department of Environmental Science, University of Burdwan, West Bengal, India from 13-15 February, 2010) and received “**YOUNG SCIENTIST AWARD**” at the same.
2. Presented a **poster** titled “**Bioremediation of Cr VI by *Enterobacter aerogenes* and *Acinetobacter sp. PD 12***” at International Conference on “Frontiers in Biological Sciences” (organized by Department of Life Science, National Institute of Technology, Rourkela, Orissa, India from 1-3 October, 2010)
3. Presented a **poster** titled “**Isolation, identification of two highly efficient gram-negative hexavalent chromium resistant bacilli and their bioremediation of hexavalent chromium**” at Fourth International Conference on Plants & Environmental Pollution (organized by International Society of Environmental Botanists and National Botanical Research Institute, Lucknow, U.P., India on 8-11 December, 2010)
4. Presented a **poster** titled “**Bioremediation of Cr VI by *Enterobacter aerogenes* T2 (GU265554; NII 1111)**” at World Congress on Biotechnology (organised by Bright Technologies, Hyderabad, A.P., India on 4-6 May, 2012) and received “**THIRD POSITION**” in poster-presentation.

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NATIONAL:

ATTENDED:

1. National Seminar on “Recent Trends in Biotechnology” (organized by Department of Biotechnology, University of Burdwan, West Bengal, India on 11-12 March, 2010).
2. Seminar on “Effects of Brimonidine and Memantine on Neuroretinal Function and Retinal Vascular Changes of Streptozotocin-induced Diabetic Rats” by Dr. Jyotirmoy Kusari (Department of Biological Sciences, Allergan, Inc., 2525, Dupont Drive, Irvine, CA 92612, USA), organized by Dr.B.C.Guha Centre for Genetic Engineering & Biotechnology, University of Calcutta, Kolkata, West Bengal, India on 15 September, 2010.
3. National Conference on "Sensors and Actuators: Science to Technology (NCSA-2011)" (organized jointly by Central Glass & Ceramic Research Institute and Sensor Hub, Kolkata, West Bengal, India) during 11-12 March, 2011.
4. Seminar on “Introduction, Discussion & Interactive Session on Proteome LAB XLI” by Dr. John W. Burgner (Former Director, Biophysical Analysis Core Bindley Bioscience Centre, Purdue University, USA), organized by Centre for Research in Nanoscience & Nanotechnology, University of Calcutta, JD-2, Sector III, Salt Lake City, Kolkata- 700106, West Bengal, India on 21 April, 2011.

PRESENTED:

1. Presented a poster titled “**Studies on Chromium resistant bacteria, their characterization and removal efficiency**” at National Seminar on “Recent Trends in Biotechnology” (organized by Department of Biotechnology, University of Burdwan, West Bengal, India on 11-12 March, 2010).

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WORKSHOPS ATTENDED:

1. **“National Workshop: Scanning Electron Microscopy”** (organized by University Science Instrumentation Centre, The University of Burdwan, Golapbag, Burdwan, West Bengal, India from 26-29 July, 2011).
2. **“Workshop on Bioinformatics in Genomics, Proteomics and Metabolomics”** (organized by Bioinformatics SUB-DIC, Department of Biotechnology, Indian Institute of Technology, Kharagpur, West Bengal, India from 23-24 September, 2011).