

Curriculum Vitae

Name: Mrs.Aastha Santanu Dutta



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Date of Birth: 10/12/1976

Academic Credentials

Class/ Degree	Specialization	Institution	University	Year	%/CGP A	Class
Ph.D.	NA					
M.E./ M. Tech.	Chem Engg	JNEC, Aurangabad	Dr.BAMU, Aurangabad	2016	8.8	<i>Distinction</i>
B.E./B.Tech.	Plastics	U.D.C.T. Mumbai	Mumbai	2000	70%	,Distinction

M. Tech. Project: NA

Ph. D. Research: NA

Key Research Areas: Green polymers

Experience

Sr. No.	Organization	Post	From To	No. of Years
1	CTR Industries Pvt.Ltd.	R&D Lab Incharge	June ,2000 to January,2005	5
2	Maharashtra Institute of Technology, Aurangabad	Asst.Professor	17 February,2005 till date	15

List of Courses Taught/Teaching at UG level : Applied Science, Biopolymers, Organic Chemistry, Polymer Recycling and Waste Management, Polymer Reaction Engineering, Physical Chemistry of Polymers, Plastic Technology-II

List of Courses Taught/Teaching at PG level: NA

Additional Assignments/Duties

Was Chief Superintendant for DR.BAMU Exams in November December 2009-10 ,November December 2015-16,November December 2017-18

Membership of Professional Bodies

ISTE

Research Projects/Projects Guided

NIL

Computer/Software Proficiency

NIL

Seminar/Workshop/ Industrial Training/ STTP//FDP/CEP/Conference Attended

- 1.Attended Mahaexpo Engineering Conference in January 2017
- 2.Attended NAAC and OBE workshops organised by institute
- 3.Faculty Development Program on Advanced Analytical Testing and characterization from 2/7/2018-7/7/2018

Seminar/Workshop/ Industrial Training/ STTP//FDP/CEP/Conference organized

- 1.Organised National Conference on'Recent Advances in Polymers' in August 2010
- 2.Convened Nationa Symposium on Biopolymers in March 2011
- 3.Convened Technomillennium 'Smart Materials'in September 2012

Invited talks delivered

NIL

Projects, Research Grants and Consultancy

NA

Intellectual Property Rights

NA

List of Research Publications

Papers in National/ International Journal:

- Chicken Eggshell as Calcium Supplement Tablet, Vol 1, Issue 5, September 2016, International Journal of Science, Engineering and Management (IJSEM)
- Application of Eggshell as Fertilizer and Calcium Supplement Tablet, Vol. 5, Issue 3, March 2016, International Journal of Innovative Research in Science, Engineering and Technology
- Application and Characterization of Egg Shell, Journal of Agricultural Science and Technology, Volume 4, Issue 3, 2015
- Preparation of Phenolic Resin from Oil of Semecarpus Anacardium, Journal of Catalyst and

Catalysis, Volume 2, Issue 3, 2015

- Eggshell as Calcium Supplement Tablet, International Journal of Animal Biotechnology and Applications Vol. 2: Issue 1
- Biopolymers: Efficient Drug Delivery, Packaging India, October-November, 2010
- Alcid Bamboo, Journal of Polymer and Composites, Volume 2, No. 3, 2014

Books/ Book Chapter:

- Book chapter “Fourier Transform Infrared Spectroscopy” in Spectroscopic Methods for Nanomaterials Characterization in May, 2017, Elsevier Publications..
- Book Chapter “Polyurethane Foam Chemistry” in Recycling of Polyurethane Foams in June 2018 Elsevier Publications.
- Book Chapter “Synthesis/Preparation of Carbon Materials” in Carbon-Containing Polymer Composites in October 2018, Springer Publications.
- Book Chapter “Recent Progress in Electromagnetic Absorbing Materials” in Advanced Materials for Electromagnetic Shielding: Fundamentals, Properties, and Applications in November 2018, Wiley Publications.
- Hydraulic Rubber Dam: An Effective Water Management Technology book edited in December 2018, Elsevier Publications.

Papers in National /International Conference Proceedings: NIL

NPTEL Certification

Start Date	End Date	Duration (in Weeks)	Course Name	Marks (Out of 100)	Performance
NA					

Awards, Achievements and Recognition

NA

Date: 25/2/2020

Place: Auranagabad