

BIO-DATA

- 1. Name** : Dr. Arun Maithani
- 2. Designation** : Professor
- 3. Affiliation** : Dept. of Chemical Technology (Paint Tech.)
H.B. Technical University, Kanpur- 208 002
- 3. Father's Name** : Late Devendra Maithani
- 3. Date of Birth** : November 16, 1964
- 4. Residential Address** : Flat No. 301, Navsheel Moti Vihar
Sarvodaya Nagar- Kanpur-208 025
- 5. E-mail Id** : arun_maithani@rediffmail.com
- 6. Contact Number** : +91 9839116802
- 7. Academic Qualifications:**

Examination	University	Year
B.Sc.	Kanpur University, Kanpur	1984
B. Tech. Chem. Technology (Paint Tech.)	Harcourt Butler Technological Institute, Kanpur, Kanpur University	1988
M. Tech. Chem. Tech. (Paint Tech.)	HBTI, Kanpur, Kanpur University	1988
Ph.D. (Chemical Technology)	Uttar Pradesh Technology University, Lucknow	2009

7. Industrial Experience:

- * Worked as Graduate Engineer trainee with M/s Vespa Car Co. Ltd., Rae Bareilly in Pre-treatment line from August 1991 to March 1992
- * Worked as Production Officer with Blue Chip Paints P. Ltd., Kanpur in Resin Production from April 1992 to August 1993
- * Worked with Bonita India Ltd., Agra as Production Executive in Resin Production from September 1993 to June 1994
- * Worked with Goodlass Nerolac Paints Ltd., Kanpur as Senior Officer (Production) in Quality Control Dept. from June 1994 to July 1995
- * Worked with Rajdoot paints Ltd., New Delhi as Manager (Group Quality Control) in Quality Control Dept. from July 1995 to June 1996

8. Teaching/ Research Experience:

- (a) Lecturer: June 21, 1996 to June 20, 2006
- (b) Assistant Professor: June 21, 2006 to June 20, 2009
- (c) Associate Professor: June 21, 2009 to June 20, 2014
- (d) Professor: June 21, 2014 till date

9. Fields of Specialization:

- * Water-based Paints/ Industrial Paints
- * Paint Application
- * Paint Manufacturing

10. Research, Publications & Presentation

1. High Performance Coatings based on Vinyl Ester Resins, Paint India, October 2006
2. A study on the influence of the temperature on the formation of cardanol-based phenolic resin. 469–476, International Journal of Chemical Kinetics, 45, 2014
3. Studies on the effect of concentration of formaldehyde on the synthesis of resole type epoxidized phenolic resin from renewable resource material, Designed Monomers and Polymers, 17:1

4. ‘Studies on biomass-based polymer from renewable resource material’, All India National Seminar on Advance in Materials and Material Selection in Design (AMMSD-2012) organized by Dept. of Mechanical Engineering, HBTI, Kanpur during 24-25 Aug. 2012.

5. ‘Modeling and simulation of kinetics of chemical reaction of the cardanol based resin system by *In Situ* polymerization setup’, All India National Conference in Recent Trend and Future information Technology (RTFIT-2012) Department of Computer Science and Engineering, HBTI, Kanpur during 22-23 Sept. 2012

6. ‘Indian and Global Market Scenario of Paint Industry: A Critical review’, PACT VISION SEMINAR Water-based Paints and Coatings: Technology adoption with performance & cost justifiability organized by Paints and Coating Technologists’ Association (PACT), 10th March 2013 at HBTI, Kanpur

7. ‘Water-soluble Thermosetting Acrylic Polymers for use in Eco-friendly Coatings’, National School on Sustainable Polymers & First Symposium on Advances in Sustainable Polymers, Jan 06-11, 2014, Org. By IIT G

8. ‘Vinyl Ester Resins for Eco-friendly Protective Coating’, National School on Sustainable Polymers & First Symposium on Advances in Sustainable Polymers, Jan 06-11, 2014, Org. By IIT G

9. ‘Cathodically Electrodepositable Surface Coating Materials for the preparation of Polymer Films based on Multifunctional Polyepoxides’, **International** Symposium PFAM-xxi, Dec. 2012 organised by IIT-Gauhati,

11. Consultancy Projects

S.N.	Title	Agency	Period	Grant/ Amount Mobilized (Rs)
1.	Painting	TVS Motors, Hosur	July 11-April 2014	Rs. 5.0 lac
2.	Surface Coating	Royal Enfield, Chennai	Sep 13-Jan 14 in 3 phase for 15 days each	Rs. 4.5 lac
3.	Coatings: Trouble Shootings	Donaldson India Filter Systems Pvt. Ltd., Gurgaon (Haryana)	July 15-21, 2014	Rs. 1.06 lac

4.	Paint Technology Diploma	Daimler India Commercial Vehicle Ltd., Chennai		Rs. 2.00 lac
----	--------------------------	--	--	--------------

12. Completed Project/Consultancies

S. N.	Title	Agency	Completed in	Grant/ Amount Mobilized (Rs.)
1.	Paint Productivity	Allied Paints & Resin Industries. Lucknow	March 2009	0.11 lac
2.	CNSL and BSNL	Laxmi Paints & Varnishes, Kanpur	June 2009	0.02 lac
3.	Production Time for the Paint manufacturing	Allied Paints & Resin Industries. Lucknow	November 2009	0.11 lac
4.	Polyester/ PUDF	Central Excise and Customs, New Delhi	December 2009	0.05 lac
5.	Analysis of Paint Quality on Ambassador Car	Fragrance & Flavour Development Centre, Kanpur	January 2010	0.044 lac
6.	Quality analysis of Computer Printage Cartage	Pioneer Technologies and Distributors, Kanpur	March 2010	0.022 lac
7.	Testing of Paint Raw materials	MSME-Development Institute, Kanpur	October 2010	0.11 Lac
8.	Feasibility of CED Paint Plants	State Bank of India, The Mall, Kanpur	December 2011	0.16 lac
9.	Clear Varnishes	B.V. Varnish Udyog, Almora	December 2011	0.12 lac
10.	Uses of	ODD Herbals Pvt.	April 2012	0.10 lac

SLES	Ltd., Kanpur		
------	--------------	--	--

13. Research Supervised

S.N.	Number Enrolled	Thesis Submitted
M.E. /M. Tech. / M.Phil. or Equivalent	-	-
PhD or Equivalent	03	02

14. Training Courses, Teaching-Learning-Evaluation Technology Programmes and Faculty Development Programmes participated or organized

S.N.	Programme	Duration	Organised by
1.	Advances in Engineering materials	March 16-21, 2009	Dept. Of ME, HBTI Kanpur
2.	Software Application in Chemical Engineering and Technology	March 25-29, 2009	TEQIP, HBTI Kanpur
3.	Quality Control Techniques in Oils & Fats	March 2009	TEQIP, HBTI Kanpur
4.	Water-Reducible Binders for Aqueous Coatings	March 20-21, 2010	OTAI, Indian Paint Association and IChE
5.	Advances in Materials & Material Selection in Design	Aug 24-25, 2012	Institution of Engineers
6.	Curriculum Development and Evaluation Methods in Technical education	July 1-6, 2013	PL & ME Dept
7.	Advances in Enzyme Production & their Industrial Application	Dec 19-24, 2013	BEFT Dept.
8.	Development in Perfumery and Cosmetics	February 22-28, 2014	OPT Dept.

15. Papers presented in Conferences, Seminars, Workshops, Symposia

S. N.	Title of the paper presented	Title of Conference/Seminar etc	Date(s) of the event	Organised by
1.	Paint Defects	Technorama 2012	April 2012	OPT & PACT
2.	Water borne Coatings	Technorama 2012	April 2012	OPT & PACT
3.	Eco-friendly Coatings	PACT VISION SEMINAR	March 2013	PACT
4.	Water borne Coatings	PACT VISION SEMINAR	March 2013	PACT

16. OTHER INFORMATION

(a) Organised a Short Term Course on 'Paint & Varnish Manufacturing' in STEP- HBTI, Kanpur during 02.01.2007 to 27.02.2007 as Co-ordinator

(b) Organised a Faculty development Programme 'Corrosion Control in Chemical & Allied Industries' at HBTI, Kanpur during August 22- 29, 2016 as Co-ordinator



(Arun Maithani)

Date: 01.02.2017

Place: Kanpur