

**Name of the Faculty:** Dr. Anand A Mahajan  
**Designation:** Associate Professor  
**Department:** Pharmaceutical Analysis  
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**Educational Qualifications:**

Sr. No.	Degree	University	Year of Award
1.	PhD Pharmaceutical Sciences	NMIMS	2012
2.	M. Pharm. ( Pharmaceutical Chemistry)	Pune University	1998
3.	B. Pharm.	Pune University	1996

**Professional experience:** 13.0 years

**Area of Interest:**

<b>Teaching</b>	Analytical Chemistry
<b>Research</b>	Development and validation of SIAM by HPLC. Identification & characterization of impurities by LC / LC-MS MS / Synthesis and biological screening of small heterocyclic compounds.

**Awards and Fellowships:**

Sr. No.	Award/Fellowship	Year of Receipt
1.	Best suggestion award by Wockhardt Life Sciences Ltd.	1999 & 2000
2.	Best faculty award - School of Pharmacy & Technology Management, NMIMS, Mumbai	2009
3.	Dr. P.D. Sethi Annual Award, certificate of merit for the paper titled "LC, LC-MS/MS studies for the identification and characterization of degradation products of hydrochlorothiazide and establishment of mechanistic approach towards degradation".	2012

**Projects Guided:**

Year	2013-14	2012-13	2011-12	2010-11	2009-10	2008-09
<b>M. Pharm</b>	05	---	---	05	06	06
<b>Ph. D / Other</b>	---	---	---	---	---	---

**Research Statistics (last five years):**

Year	Total	2015	2014	2013	2012	2011
<b>National Research Papers</b>	02	01	01	---	---	---
<b>International Research Papers</b>	10	02	02	03	03	---
<b>National Research Presentations</b>	04	---	---	04	---	---
<b>International Research Presentations</b>	01	---	---	---	---	---

**Recent Publications:**

Sr. No.	Paper Title	Journal / Year / Vol / Page
1.	Synthesis of novel amide based on acridone scaffold with interesting antineoplastic activity.	Anti-cancer Agents in Medicinal Chemistry, Bentham science, In-press.
2.	Acridone-based antitumor agent – A mini-review, Anti-cancer Agents in Medicinal Chemistry.	Anti-cancer Agents in Medicinal Chemistry, Bentham science, In-press.
3.	Synthesis and evaluation of novel marine bromopyrrole alkaloid-based hybrids as anticancer agents.	European Journal of Medicinal Chemistry, Elsevier, 2013.
4.	LC, MS <sup>n</sup> and LC-MS/MS studies for the characterization of degradation products of amlodipine.	Pharmaceutical Analysis, Elsevier, 2014.
5.	Separation, characterization and identification of degradation products of Erlotinib hydrochloride under ICH recommended stress conditions by LC, LC-MS/TOF.	Journal of Liquid Chromatography and Related Technology, Taylor & Francis, 2014.

**Recent Patents: Nil Books/ Chapters published: Nil****Recent Presentations:**

Sr. No.	Presentation Title	Conference Details
1.	Identification and characterization of degradation products of Erlotinib Hydrochloride by LC-MS/TOF.	National Conference on Pharmaceutical Analysis 18 <sup>th</sup> Oct. 2013, Aurangabad, India.
2.	ICH guided stress studies for identification and characterisation of degradation products of Cefditeron Pivoxil.	National Conference on Pharmaceutical Analysis 18 <sup>th</sup> Oct. 2013, Aurangabad, India.
3.	Synthesis and biological evaluation of triazoles as anti-fungal agents,	Int. Symposium on Drug Discovery for Infectious Diseases & Cancer. 16 <sup>th</sup> Jan. 2013, ICT, Mumbai.
4.	Microwave based high throughput synthesis of 2, 4-diamino-4-aminothieno (2, 3 d-) pyrimidine.	8 <sup>th</sup> Tetrahedron symposium 27 <sup>th</sup> to 29 <sup>th</sup> Jan 2007, Berlin, Germany.

**Lectures Delivered at QIP/ National and Regional Workshops/ Symposiums/ Conferences:**

Sr. No.	Title of the Talk	Conference Details
1.	Role of Industry and Institute Interface for Academic Excellence in Pharmacy	AICTE sponsored faculty development programme, Pune 2013.
2.	Impurity Profiling	IPA model series lectures, Pune 2013.

**Projects Co-ordinated with UGC/ DST/ AICTE/ CSIR/ others:**

Sr. No.	Theme of the Project Co-ordinated
1.	Toxicity profiling of Impurities – Rational Approach for Drug Safety

**Grants Applied / Awarded:**

Sr. No.	Title of the Project	Funding Agency	Status	Amount Sanctioned
1.	Novel Acridones: Bullet for Drug Resistance in Cancer and Malaria	University of Pune	In Processes	26000

**Industry-Academia Interaction:**

<b>Sr. No.</b>	<b>Theme of the Project Co-ordinated</b>	<b>Industry</b>
1.	Finished Product Analysis of Dolex SR Tablet	Generic Health Care Pvt. Ltd. Pune.
2.	Development and validation of RP-HPLC method to analyze methyl anthranilate in presence of its potential impurities.	Prerna Fine Chemicals, Ambarnath, Mumbai.
3.	Development and evaluation of immediate release tablet fixed dose combination of drugs for domestic and international market	Sanjivani Parenteral, Mumbai.
4.	Forced degradation studies and development of stability indicating assay method (SIAM) for hydrochlorothiazide by using RP-HPLC and LC-MS/MS.	Aventis Pharma, Ankaleshwar.
5.	Biochemical synthesis of chiral intermediate and its monitoring by normal phase chiral HPLC	Shogun Organics, Mumbai.

**Consultancy:** NIL**Memberships of Professional Societies:** NIL