

Curriculum Vitae



NAME: Dr. Urja Dnyandeo Nimbalkar (Misal)

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EXPERTISE

Relation

Management

Liaison/Coordination

Interpersonal Skills

Presentation Skills

**Excellent research
skills**

Negotiation

Team Player

Problem Solving

Skills

PROFILE

Diligent & sincere professional, holding a Post Graduate Degree in
M.Sc.Biotech., M.Sc.(OrganicChemistry) Ph.D.(Chemistry)

Thirteen years of total teaching experience 1.First nine years in
Biotechnology
2.Four years in Organic Chemistry.

Abilities in handling multiple priorities, with a bias for action and a
genuine interest in personal and professional development.

Work judiciously and methodically to achieve and exceed mandated
goals with capability to successfully multi-task.

Well-developed communication skills, verbal as well as written coupled
with exceptional presentation skills and the ability to perform above
expectations.

EDUCATION

Ph.D.in Chemistry in Nov. 2018

M.Sc. Organic Chemistry first division with 60.66% in Jun-2012 from Dr. Babasaheb
Ambedkar Marathwada University, Aurangabad.

M.Sc. Biotechnology first division with 61.41% in Jun-2005 at Govt. Inst. of Science, Dr.
Babasaheb Ambedkar Marathwada University, Aurangabad.

B.Sc. (Chem., Bot., Zoo.) first division with 73.64% in Jun-2003 Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

HSC (Phy., Chem., Bio., Maths) first division with 70.50% in May-2000 Maharashtra State Board Secondary and Higher Secondary Education Pune.

SSC (Maths., Sci., Soc.Sci., Eng., Mar., Sank.) distinction with 76.26% in June -1998 Maharashtra State Board Secondary and Higher Secondary Education Pune.

TEACHING EXPERIENCE

- 1) Organization :** Dept. Of Chemistry,
Dr. Babasaheb Ambedkar Marathwada University,
Chh. Sambhajanagar

Period : 18-Jan-2021 to 31-Aug.-2021
12-Dec-2021 to 31-July-2022
23-Sept.-2022 to 30-Jun.-2023

Post : CHB Teacher

Description : Engaged lectures and conducted seminars for PG students
Assisted PG Paper and worked in examination duties as
internal examiner at department of chem. Dr. Babasaheb
Ambedkar Marathwada University, Aurangabad

Organization : Dept. Of Chemistry,
Dr. Babasaheb Ambedkar Marathwada University,
Chh. Sambhajanagar

Period : 10-Aug.-2023 To 30 June 2024
16 Aug. 2024 to 30 July 2025

Post : Assistant Professor (contractual)

Description : Engaging lectures and practical's according to the NEP-20
using teaching and learning hierarchies, pedagogical
methods and interactive seminars for PG students. Acting
as Mentor for M. Sc. Research Projects.
- 2) Organization :** Vivekanand Arts S.D. Commerce and Science College
Chh. Sambhajanagar

Period : 1-July-2007 to 21-Jan.-2014

Post : Head of Dept. Biotechnology

Description : Engaged lectures for graduate and postgraduate courses.
Supporting students through a pastoral/advisory role

Representing the institution at professional conferences and seminars Designed and conducted UGC career oriented program in Biotechnology Assisted PG exam papers and worked in examination duties as internal and external examiner at various colleges affiliated to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. Worked as external examiner and paper setter at M.G.M. deem University Mumbai.

- 3) **Organization** : **SDMVM'S College of Agriculture Biotechnology**
Period : **7-July-2005 to 12-June-2007**
Post : **Assistant Professor**
Description : Delivering lectures, seminars and tutorials Designing, preparing and developing teaching materials Engaged in examination duties as internal and external examiner at Marathwada Agriculture University, Parbhani.

Research Experiences

Research Experience:	11 Years		
Ph. D. Topic	Synthesis of Bioactive Heterocycles by Conventional / Modern Technique and Their Biological Evaluation		
Area of Research :	Heterocyclic Synthesis, Use of Green chemistry tools and Biological valuation specifically anticancer and antimicrobial activities.		
Scopus Report :	Citations: 83	h-index:4	
Google Scholar Report :	Citations:94	h-index:4	i10-index: 4

AWARDS AND CERTIFICATIONS

- Awardee of Savitribai Phule National Research Fellowship for Womens (SPNRF-2015), Dr. Babasaheb Ambedkar Research and Training institute, Pune 411001
- Scientific committee member of International Electronic conference on Synthetic organic Chemistry (ECSOC 26).

A] Paper Published:

A. 1. "Ionic liquid mediated synthesis of 5-arylidine-2,4 thiazolidinedione's and antibacterial evaluation" **Urja D. Nimbalkar**, Anna Pratima G. Nikalje, Prashant D. Netankar, Dinesh L.

Lingampalle. *Journal of Medicinal Chemistry and Drug Discovery*, 331-342, **2015**, ISSN: 2347-9027.

A.2. “Synthesis, Antioxidant, Anti-Inflammatory, and Antimicrobial Screening of Newer Thiophene-Fused Arylpyrazolyl 1,3,4-Oxadiazoles” Pravin Mahajan, Mukesh Nikam, Asha Chate, **Urja Nimbalkar**, Vrushali Patil, Anil Bobade, Abhay Chaudhari, Dattatray Deolankar, Balasaheb Javale & Charansingh Gill. *Journal of Phosphorus, Sulfur, and Silicon and the Related Elements*, **2015**, 190, 11, 1803-1813 ,doi.org/10.1080/10426507.2015.1024784.

A.3. “Ultrasound and Molecular Sieves-Assisted Synthesis, Molecular Docking and Antifungal Evaluation of 5-(4-(Benzyloxy)-substitutedphenyl)-3-((phenylamino)methyl)-1,3,4-oxadiazole-2(3H)-thiones” **Urja D. Nimbalkar**, Santosh G. Tupe, Julio A. Seijas Vazquez, Firoz Kalam Khan, Jaiprakash N. Sangshetti and Anna Pratima G. Nikalje. *Molecules*, **2016**, 21,484, 1-13. doi:10.3390/molecules21050484

A.4. “Ionic Liquid-Catalyzed Green Protocol for Multi-Component Synthesis of Dihydropyrano[2,3-c] pyrazoles as Potential Anticancer Scaffolds” **Urja D.Nimbalkar**, Julio A. Seijas, Maria Pilar Vazquez-Tato, Manoj G. Damale, Jaiprakash N. Sangshetti and Anna Pratima G. Nikalje. *Molecules*, **2017**, 22, 1628. doi:10.3390/molecules221016284.

A.5. “Ultrasound Assisted Synthesis of 4-(Benzyloxy)-N-(3-chloro-2-(substitutedphenyl)-4-oxoazetidin-1-yl) Benzamide as Challenging Anti-Tubercular Scaffold” **Urja D. Nimbalkar**, Julio A. Seijas, Rachna Borkute, Manoj G. Damale, Jaiprakash N. Sangshetti, Dhiman Sarkar and Anna Pratima G. Nikalje. *Molecules*, **2018**, 23(8), 1945; doi.org/10.3390/molecules23081945

B] Paper presented in conference

National

B.1. Researchpaper Presented on “Convenient Synthesis of dihydropyrimidinones by choline chloride’ in National Seminar on Role of green chemistry in environmental pollution” organized by Anandrao Dhonde Alias Babaji Arts, Comm.& Science College Kada Tq. Ashti Dist. Beed. 21st & 22nd Dec 2012.

B.2. Research paper presented in one-day national seminar organized by Analytical Chemistry Teachers and Researchers Association at Maulana Azad research Centre, Aurangabad entitled

“Ionic liquid mediated synthesis of 5-arylidine-2, 4 thiazolidinedione’s and antibacterial evaluation” on 18th Jan. 2015.

International

B.3 Research Paper presented in 19th International Electronic Conference on Synthetic Organic Chemistry entitled “Molecular sieves and ultrasound assisted synthesis of novel 1, 3, 4-oxadiazole-2-thione derivatives as potential antifungal agents” On 1st to 30th November 2015.

B.4. Research Paper presented in 20th International Electronic Conference on Synthetic Organic Chemistry entitled “Ionic liquid [Et₃NH] [HSO₄] catalyzed multicomponent synthesis of 6-amino-4-(Substituted phenyl)-3-methyl-2, 4-dihydropyrano[2,3-*c*] pyrazole-5-carbonitrile” On 1st to 30th November MDPI 2016.

B.5. Research Paper presented in 21th International Electronic Conference on Synthetic Organic Chemistry entitled “Ultrasound assisted synthesis of 4-(benzyloxy)-N-(3- chloro-2-(substituted phenyl)-4-oxoazetidin-1-yl) benzamide”. On 1st to 30th November MDPI, 2017.

B.6.Research Paper presented in 22th International Electronic Conference on Synthetic Organic Chemistry entitled “Ultrasound-Assisted One Pot Synthesis of Novel 5-(1-(substituted phenyl)-4,5-diphenyl-1H-imidazol-2-yl)-4-methylthiazole” On 5th Nov to 5thDec MDPI, 2018.

B.7.Research Paper presented in 22th International Electronic Conference on Synthetic Organic Chemistry entitled “Ultrasound-Assisted Facile Synthesis and Anticancer Evaluation of Novel N-(2-substituted phenyl-4-oxathiazolidine-3-carbonothioyl) Benzamide”. On 5th Nov to 5th Dec MDPI, 2018.

C] International Conference

C.1. Attended on “Technologies for Mitigation of Environmental Pollution and Their Applications in Conservation of Aquatic Ecosystem” held on 13thDec 2008.

D] National Seminar/Conference

D.1.National Seminar Attended on Modern Concepts in animal Biodiversity and Biotechnology organized by department of Zoology, Milind College of Science held on 21st and 22ndAug 2008.

D.2.National Conference Attended on Environmental Biotechnology and Sustainable Biodiversity organized by MGM institute of Biosciences and Technology held on 26th to 27thDec 2009.

D.3.National Seminar attended on Research in pharmaceutical & Biomedical Science: Idealation to Translation organized by Asian Biomedical & Pharmaceutical Research Association held on 23rd Feb.2013.

D.4.National Seminar attended on Quality System Approach towards pharmaceutical development & manufacturing organized by The Indian Pharmaceutical Association held on 7th - March 2013.

D.5.National Seminar attended on Role of Chemistry in Eco-friendly Organic Synthesis organized by S.B.E.S. College of Science,Aurangabad held on 19th& 20th Sep.2013.

D.6.One-day Seminar organized by Analytical Chemistry Teachers & Researchers Association on 22nd Sep 2013.

D.7. National Conference attended on Recent trends in Chemistry Education’ organized by P. G. Department of Chemistry, Sir Sayyed College, Aurangabad held on 13th& 14th Dec.2013.

D.8.One-day seminar attended on “Key Facets in Pharmaceutical Research” organized by Y.B. Chavan college of Pharmacy on 27th Oct 2015.

D.9.One-day National Seminar organized by Analytical Chemistry Teachers & Researchers Association on 28th Feb 2016.

D.10. Two day’s national Conference on “Chemistry research with Responsibility (CRWR-2017) organized by Analytical Chemistry Teachers & Researchers Association on 30th to 31st Jan 2017.

D.11. Two day’s National Conference on “Frontiers in Chemical Sciences and Drug Development” organized by department of Chemistry Dr. B.A.M.U. on 17th and 18th March 2017.

E] Workshop Attended:

E.1.Workshop attended on Environmental Protection held on Jan 2005

E.2.Workshopattended on Basic Techniques in Genomics, Proteomics and Immunology held on 22nd to 23rdFeb 2008.

E.3.Workshopattended on Animal Tissue Cultureand Its Application held at academy’s Eukaryotes Biotechnology Training Centre Pune on 25th to 30thNov 2013.

E.4.One-day workshop on “Scientific writing and publishing scholarly articles” on 4th Nov 2015.

E.5. Two day’s workshop on “Micro Synthesis and Micro Analysis” organized by Y.B. Chavan college of Pharmacy on 1st and 2nd Feb 2016.

E.6.One-day workshop on “Author writing” for Springer organized by Dr.B.A.M. University, Aurangabad 4thFeb 2016.

E.7.One-day workshop on “Latex” Software organized by Dr.B.A.M. University, Aurangabad 5thMarch2016.

E.8.One-day workshop on “Role of Teacher in Higher Education-Mentoring and Counseling” organized by Y.B. Chavan college of Pharmacy on 21st Aug 2017.