



## Curriculum Vitae

**Name** : **Dr. Alasundkar Krishna Namdev**

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### **PERSONAL INFORMATION**

**Date of Birth** : 5<sup>th</sup> May 1981

**Gender** : Male

**Religion** : Hindu

**Caste** : Maratha

**Marital Status** : Married

**Nationality** : Indian

**Languages known** : English, Marathi, and Hindi.

### **EDUCATIONAL QUALIFICATION:**

<b>Examination</b>	<b>University/Board</b>	<b>Year of passing</b>	<b>Class</b>
<b>Ph.D (Organic Chemistry)</b>	Shivaji University, Kolhapur.	2009	Awarded On 18 <sup>th</sup> July 2009
<b>GATE</b>	IIT, Kharagpur	2006	93%
<b>M.Sc. ( Chemistry)</b>	Shivaji University, Kolhapur.	2005	First Class
<b>B.Sc. (Chemistry)</b>	Shivaji University, Kolhapur.	2003	First Class with Distinction
<b>H.S.C.</b>	Kolhapur	1999	Second Class
<b>S.S.C.</b>	Kolhapur	1997	First Class

Completed Ph. D.under the guidance of Prof.M. B. Deshmukh, Professor in Organic Chemistry, Shivaji University, Kolhapur.

**TITLE OF THESIS:** Completed Ph.D on topic “Synthesis and applications of some new macromolecules.” On DST project.

### **Other Achievements and Fellowship Awarded:**

- 1) Awarded Botany merit prize for securing highest marks in Botany at Yashvantrao Chavan College of Science, Karad at B.Sc-I.
- 2) Awarded Swami Paramhans Scholarship at Yashvantrao Chavan College of Science, Karad for securing maximum marks at B.Sc-II.
- 3) Awarded Chemistry Merit Prize for securing maximum marks in Chemistry at Yashvantrao Chavan College of Science, Karad, at B.Sc III.
- 4) Awarded Eklavya Scholarship for securing maximum marks at B.Sc. Degree at Shivaji University, Kolhapur during M.Sc course.
- 5) Qualified GATE Examination in 2006 conducted by Indian Institute of Technology, Kharagpur.
- 6) Worked as a Lecturer in Chemistry at Yashvantrao Chavan College of Science, Karad, for one year (2005-06).
- 7) Working as Junior Research Fellow under the guidance of Prof.M.B.Deshmukh on DST project since 5<sup>th</sup> may 2006.

8) Awarded “Rashtra Prerna Award for social and Education Performance at Indore Madhya Pradesh .

### **Paper Published (International)**

1) “Synthesis and evaluation of antimicrobial activity study of dibenzo- 18 -crown - 6- Ether containing hydrazone derivatives.”

M B Deshmukh\*, K N Alasundkar<sup>a</sup>, D K Salunkhe<sup>b</sup>, S A Sankpal<sup>b</sup>.

Accepted for publication in International Journal of Chemical and Pharmaceutical research *J. Chem. Pharm. Res.*, 2010, 2(4):437-441.

2) “Synthesis and analytical applications of naphthaquinone containing dibenzo -18 -Crown-6.”

M.B.Deshmukh\*,K.N.Alasundkar<sup>a</sup>,S.M.Salunkhe<sup>b</sup>,D.K.Salunkhe<sup>b</sup>S.A.Sankpal<sup>b</sup>, D.R.Patil<sup>b</sup> and P.V.Anbhule<sup>b</sup>.

Accepted for publication in international Journal of Der *Chemica Sinica*, 2011, 2 (2):118-124.

3) “Synthesis and antibacterial evaluations of (3, 5-dimethyl-1H-pyrazol- 4-yl)- Phenyl- Diazenes.”

S. A. Sankpal\*, M.B. Deshmukh, P.V. Anbhule, D. K. Salunkhe, K. N. Alasundkar,

Accepted for publication in International Journal of Chemical and Pharmaceutical research *J. Chem. Pharm. Res.*, 2010, 2(5):574-579.

4) “Recent trends of nanocatalyst for organic transformations via sustainable Environmental benign route.”

*Reshma P. Patil, Vilasrao A. Kalantre, Krishna N. Alasundkar.*

The Review article is accepted for publication in *Research on Chemical Intermediates* by Springer <https://doi.org/10.1007/s11164-023-05119-y> 49, 20 August 2023, 5163-5203.

5) Ultrasound-Assisted Bio-Genic ZnO-NE Nps: A Green and Efficient Catalyst For The Facile Synthesis of Dihydropyrimidones Under Solvent Less Conditions.

*Krishna N. Alasundkar\*<sup>a</sup>, Reshma P. Patila, Dattatraya. K. Pawar.*

The paper is accepted for publication in INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS. 10(04) 2023, 595-607.

### **Paper Published (National)**

- 6) **“Synthesis of dibenzo 18-crown-6 ether containing pyrimidine Derivatives.”**  
M.B.Deshmukh\*, K.N.Alasundkar<sup>a</sup>, S.M.Salunkhe<sup>b</sup>, D.K.Salunkhe<sup>b</sup> S.A.Sankpal<sup>b</sup>,  
D.R.Patil<sup>b</sup> and P.V.Anbhule<sup>b</sup>.  
Accepted for publication in **Indian Journal Of Chemistry Section B.**  
**Vol. 47B, December 2008, PP- 1915-1917.**
- 7) **“Synthesis, X-ray diffraction, and Optical Spectral Study of Benzo-18-crown –6  
Containing monoazo dyes.”**  
M.B.Deshmukh\*,K.N.Alasundkar<sup>a</sup>,S.M.Salunkhe<sup>b</sup>,D.K.Salunkhe<sup>b</sup>S.A.Sankpal<sup>b</sup>,  
D.R.Patil<sup>b</sup>and P.V.Anbhule<sup>b</sup>.  
Accepted for publication in **Indian Journal of Chemistry Section B**  
**Vol. 48B, May 2009, PP- 737-740.**
- 8) **Ultrasound-assisted synthesis of 3, 4-dihydropyrimidine-2(1H)-ones catalyzed by  
Nano composites: An efficient and green approach.**

**Reshma P Patil<sup>a</sup>, Vilasrao A Kalantre<sup>b</sup>, Dattatray K Pawar<sup>c</sup> &  
Krishna N Alasundkar<sup>\*a</sup>**

**Indian Journal of Chemistry Vol. 63, November 2024, pp. 1141-1154**

**DOI: 10.56042/ijc.v63i11.12945**

**Google Citation URL- Krishna Alasundkar**

<https://scholar.google.com/citations?user=Oox5LMsAAAAJ&hl=en>

### **Conferences Attended National/International**

- 1) The paper entitled **“Synthesis and biological activity of crown ether containing Schiff Base.”** was presented in **“International conference on Drug Discovery and Nanotechnology”** Organized Department of Chemistry Yeshwant Mahavidyalaya, Nanded held on 27<sup>th</sup> –29<sup>th</sup> Jan. 2008.
- 2) The paper entitled **“Synthesis and biological activity of crown ether containing Pyrimidine derivatives.”** was presented in **“National Seminar on Synthesis of New Material for Industrial Application. Drug Discovery** “Organized by Department of Chemistry, Shivaji University, Kolhapur on 1<sup>st</sup> –2<sup>nd</sup> Feb. 2008.
- 3) The paper entitled **“Synthesis of new macromolecule containing naphthaquinone”** was Presented in **“International conference on Advances in Drug Discovery Research”**

Jointly organized by **Indian Society of Chemist and Biologist, CDRI, Lucknow and Department of Chemistry Dr. Babasaheb Ambedkar Marathwada University**, held at Aurangabad on 24<sup>th</sup> –26<sup>th</sup> Feb. 2007.

- 4) Attended International conference on “**Contemporary Research in Chemical and Life Sciences**” organized by Sadguru Gadage Maharaj Collge Karad on 22<sup>nd</sup> – 23<sup>rd</sup> April 2015.
- 5) Successfully Completed Training on “**Innovation in Engineering Education and Entrepreneurship Development**” organized by KLE Technological University Hubli Under TEQIP-II from 24/11/2016 to 25/11/2016.
- 6) Successfully Completed Training on “**Mind Power and Stress Management**” Organized by SAITEJ (Life Training Institute, Nashik) Under TEQIP-II from 03/12/2016 to 04/12/2016.
- 7) Successfully Completed Workshop on “**Workshop on NAAC Accreditation**” Organized by Engineering staff Collge of India and Government College of Engineering Karad under TEQIP-II on 03/09/2016.
- 8) Successfully Completed Workshop on “**Preparation of Research Proposals to Funding Agencies**” Organized by Engineering staff Collge of India and Government College of Engineering Karad under TEQIP-II from 29<sup>th</sup> to 31<sup>st</sup> December 2016.
- 9) Attended International conference on “**Mathematical Modeling and its Applications in Engineering and Science.**” organized by Government College of Engineering Karad 03<sup>rd</sup> Feb-4<sup>th</sup> Feb 2017.
- 10) Attended International conference on “**Advancing Green Chemistry Education in India.**” organized by Rishi Dayaram and Seth Hassaram National College and Seth Wassiamull Science College Bandra Mumbai 07<sup>th</sup> October 2017.
- 11) Attended International Conference on( online mode ) **Chemical and Environmental Science (ICCES 2022)** presented paper “ENHANSED CATALYTIC ACTIVITY OF GREEN AND SUSTAINABLE BIO-FABRICATED NANOPARTICLES FOR ORGANIC TRANSFORMATION.”Organized by St.PETER'S INSTITUTE OF HIGHER EDUCATION AND RESEARCH Chennai on 24-25 Nov 2022.
- 12) Attended **International Conference on Sustainable Chemistry and Engineering** Organized by Institute of Chemical Technology Mumbai on 15-16 Sept 2023.
- 13) Attended International Conference (Online Mode) on **Current Scenario in Chemical Sciences** organized by Moolji Jaitha College Jalgaon on 17/09/2022.
- 14) Attended International **Conference Nanomaterials for Energy and**

**Environment** Presented paper on Ultrasound assisted green Synthesis, Characterization antibacterial application of ZnO and CuO nanoparticles.”Awarded first prize for best poster presentation organized by Lal Bahadur Shatri College Satara & KIT College Kolhapur on 21/03/2023.

- 15) Attended International CONFERENCE (ONLINE) ON "RECENT ADVANCES IN MATERIAL SCIENCES" organized by ASP College Devrukh on 04/04/2024.

### STTP/International Conference Organized

- 1) Working as Coordinator for one week STTP entitled “**Recent Trends in Chemical Sciences for Engg. & Technology**” organized by Department of Chemistry and Physics of Government College of Engineering Karad under TEQIP-II from 23<sup>rd</sup> -27<sup>th</sup> May 2016.
- 2) Working as Coordinator for one week STTP entitled “**Recent Trends in Material Sciences for Engg. & Technology**” organized by Department of Chemistry and Physics of Government College of Engineering Karad under TEQIP-II from 11<sup>th</sup> -15<sup>th</sup> May 2015.
- 3) Working as organizing secretary for international conference entitled “**Mathematical Modeling and its Applications in Engineering and Science.**” organized by Government College of Engineering Karad 03<sup>rd</sup> Feb-4<sup>th</sup> Feb 2017.

### STTP/International Conference Attended

Sr. No	Name of Teacher	Name of Training Programme	Programme Start Date	Programme end Date	Sponsored by	Organized By	Place
1	Dr.K.N. Alasundkar	Stress and Stress Management <b>(One Week)</b>	21 <sup>st</sup> August 2015	22 <sup>nd</sup> August 2015	Lead College Activity Shivaji University Kolhapur	Applied Mechanics Department GCE,Karad	Karad
2	Dr.K.N. Alasundkar	Advanced Research Thrust Areas in Engg. And Science <b>(Two Week).</b>	21 <sup>st</sup> Nov 2015	30 <sup>th</sup> Nov 2015	Approved by ISTE & Sponsored by TEQIP (Phase-II)	Civil Engg. Department GCE Karad	Karad

3	Dr.K.N. Alasundkar	Applications of MATLAB in Engg. & Science <b>(One Week)</b>	23 <sup>rd</sup> Dec 2015	27 <sup>th</sup> Dec 2015	TEQIP (Phase-II)	Applied Mechanics Department GCE, Karad	Karad
4	Dr.K.N. Alasundkar	Recent Trends in Chemical Sciences for Engg. & Technology <b>(One Week)</b>	23 <sup>rd</sup> May 2016	27 <sup>th</sup> May 2016	TEQIP (Phase-II)	Department of Chemistry GCE, Karad	Karad
5	Dr.K.N. Alasundkar	Internet of Things <b>(One Week)</b>	6 <sup>th</sup> June 2016	10 <sup>th</sup> June 2016	TEQIP (Phase-II)	Information technology Department GCE Karad	Karad
6	Dr.K.N. Alasundkar	Teacher Orientation Programme <b>(Two Week)</b>	1 <sup>st</sup> July 2014	9 <sup>th</sup> July 2014	TEQIP (Phase-II)	Government College of Engg Karad	Karad
7	Dr.K.N. Alasundkar	New Trends in Hydro electric Projects <b>(One Week)</b>	9 <sup>th</sup> Dec 2013	13 <sup>th</sup> Dec 2013	TEQIP (Phase-II)	Civil Engg. Department GCE Karad	Karad
8	Dr.K.N. Alasundkar	Recent Trends in Material Sciences for Engg. & Technology <b>(One Week)</b>	11 <sup>th</sup> May 2015	15 <sup>th</sup> May 2015	TEQIP (Phase-II)	Department of Chemistry GCE, Karad	Karad
9	Dr.K.N. Alasundkar	Pedagogy to Synergogy <b>(One Week)</b>	30 <sup>th</sup> May 2016	03 <sup>rd</sup> June 2016	TEQIP (Phase-II)	Government College of Engg Karad	Karad
10	Dr.K.N. Alasundkar	Academic and Examination Reforms in Technical Institutes <b>(One Week)</b>	18 <sup>th</sup> Dec 2017	22 Dec 2017	TEQIP (Phase-III)	Government College of Engg Karad	Karad
11	Dr.K.N. Alasundkar	Faculty Induction Programme	27 <sup>th</sup> Nov 2017	2 <sup>nd</sup> Dec 2017	TEQIP (Phase-III)	College of Engineering Pune in	pune

		<b>(One Week)</b>				collaboration with NPIU	
12	Dr.K.N. Alasundkar	Machine Learning and Artificial Intelligence <b>(One Week)</b>	10 <sup>th</sup> June 2019	14 <sup>th</sup> June 2019	TEQIP (Phase-III)	Government College of Engg Karad	Karad
13	Dr.K.N. Alasundkar	Enhancing Teaching Learning Process and Research Skills <b>(One Week)</b>	29 <sup>th</sup> Oct 2018	2 <sup>nd</sup> Nov 2018	TEQIP (Phase-III)	Government College of Engg Karad	Karad
14	Dr.K.N. Alasundkar	NPTEL FDP on Medicinal Chemistry (12 Weeks)	Jan 2021	April 2021	NPTEL SWAYAM	NPTEL AICTE	Online
15	Dr.K.N. Alasundkar	NPTEL FDP on Concept of Chemistry for Engineering (12 Weeks)	July 2023	Oct 2023	NPTEL SWAYAM	NPTEL AICTE	Online
16	Dr.K.N. Alasundkar	Introduction to GeM for Byers	05/10/2023	05/10/2023	Department of Personal & Training Karmyogi Govt. Of India.	Department of Personal & Training Karmyogi Govt. Of India.	Online
17	Dr.K.N. Alasundkar	Code of Conduct for Government Employees	18/10/2023	18/10/2023	Department of Personal & Training Karmyogi Govt. Of India.	Department of Personal & Training Karmyogi Govt. Of India.	Online
18	Dr.K.N. Alasundkar	Noting & Drafting	20/10/2023	20/10/2023	Department of Personal & Training Karmyogi Govt. Of India.	Department of Personal & Training Karmyogi Govt. Of India.	Online
19	Dr.K.N. Alasundkar	Stay Safe in Cyber Space	03/10/2023	03/10/2023	Department of Personal & Training Karmyogi	Department of Personal & Training Karmyogi	Online



					Govt. Of India.	Govt. Of India.	
20	Dr.K.N. Alasundkar	Digital Literacy	03/10/2023	03/10/2023	Department of Personal & Training Karmyogi Govt. Of India.	Department of Personal & Training Karmyogi Govt. Of India.	Online
21	Dr.K.N. Alasundkar	Effective Communication	05/10/2024	05/10/2024	Department of Personal & Training Karmyogi Govt. Of India.	Department of Personal & Training Karmyogi Govt. Of India.	Online
22	Dr.K.N. Alasundkar	Foundation Training Programme for Officers of Higher & Technical Education Department & Planning Department	22/05/2023	20/06/2023	YASHAD A Pune.	YASHADA Pune.	Online

### **Responsibilities Handled:-**

- 1) **Worked as ARC Coordinator for all Professional courses admission process of DTE from 2012 to till date.**
- 2) **Working as NSS and NCC Coordinator in Government College of Engineering Karad from 2016 to till date.**
- 3) **Working as Gardening Coordinator in Government College of Engineering Karad from 2016 to till date.**
- 4) **Working as BOS member in Engineering Chemistry Syllabus.**
- 5) **Working as Question paper setter in different University affiliated colleges.**
- 6) **Working As Academic Calendar Incharge in Government College of Engineering Karad from 2016 to till date.**

- 7) Worked as Sector Officer Coordinator for Loksabha Nivadnuk 2024 at Satara Loksabha (Karad North 259) Nivadnuk 2024.
- 8) Worked as Chief Guest for Science day Celebration at Sadguru Gadage Maharaj College Karad on 12/03/2024. Given talk on Nanotechnology and its applications.
- 9) Worked as NAAC Incharge for Criteria 2.1 and 2.2 preparations.
- 10) Shivaji University Kolhapur offered Ph.D/M.Phil Guide Recognition in 2019. Currently 03 students are working for Ph.D.
- 11) Worked as Academic Counselor at IGNOU for Chemistry Subject from 2024.
- 12) Working as Dean Student Welfare from 2024 to till date at Government College of Engineering Karad.

### **Teaching Experience:**

- 1) Lecturer in Y.C.College, Karad (1 Year).
- 2) Lecturer in Gourishankar polytechnic limb, Satara. (1 Year).
- 3) Assistant Professor in Chemistry in Dr.Daulatrao Aher College of Engineering, Karad from 11<sup>th</sup> November 2010 to 23-10-2011.
- 4) Currently working as Assistant Professor in Chemistry in government College of Engineering, Karad from 21<sup>st</sup> June 2012 to till date.

### **REFERENCE:**

**Prof. M B Deshmukh,  
Professor in organic chemistry,  
Shivaji University, Kolhapur-416 004.**