

## Curriculum Vitae



### **Dr. Annarao Maruti Chougule**

#### **Present Address**

Department of Industrial Chemistry,  
Dayanand Science College,  
Latur – 413 512, Maharashtra, India.  
EmailId:annaraochougule@gmail.com

Gender : Male  
DOB : 18 April, 1972  
Marital Status: Married  
Mobile : +919423342411

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#### **Academic Qualification**

##### **1999-Present**

**Assistant Professor** of Industrial Chemistry,  
Department of Industrial Chemistry, Dayanand  
Science College, Latur (College with Potential  
for Excellence, UGC Re-Accredited to "A" Grade  
by NAAC, DST-FIST Sponsored College & Best  
College Award from S. R. T. M. University,  
Nanded) Dayanand Science College, Latur-  
413512, Maharashtra, India.

##### **2013-**

**Ph.D.** in Chemistry, Dr. B.A. Marathwada  
University Aurangabad at Research Centre,  
Department of Chemistry and Industrial  
chemistry Shri Chhatrapati Shivaji College  
Omerga, Maharashtra, India.

##### **2008-**

**M.phil** in Chemistry Alagappa University  
karaikudi Tamilnadu.

##### **1997-1998-**

**B.Ed** Terna Mahavidyalaya Osmanabad

##### **1993- 1995-**

**M.Sc.(Industrial Chemistry)**, Dr B.A.MU  
Subcenter ,Nanded, Maharashtra, India.

**1991– 1993-**

B.Sc. (Physics, Chemistry, Industrial chemistry), Department of Chemistry, and Industrial Chemistry Adarsh Senior College Omerga, Maharashtra, India.

### **Areas Of Research**

- Industrial Chemistry, Medicinal Chemistry, Synthetic Methodology, Multicomponent Reactions.
- Physical Chemistry, Inorganic chemistry Organic Synthesis, Green chemistry.

### **Ph.D Details**

- Ph. D thesis title: **Studies On Coordination Complexes Of Bivalent And Trivalent Metal Ions With Some Biologically Active Schiff Bases.**
- Guide Name: **Dr. Pravin Shahuraj Mane, Professor and Research Supervisor, S.C.S.College Omerga (MS).India.**
- University: **Dr.B.A. Marathwada University AURANGABAD**
- Year of Award: **13 Dec. 2013.**

### **List of Publications (Published in Refereed Journals):**

1. **Ultra Sound** irradiation assisted synthesis and anti microbial screening of novel transition metal complexes of B-DIKETONE-n. s. kordey.p.sarnikar, A.M.Chougule-world journal of pharmaceutical sciences.
2. Analysis of ambient air quality status of residential Commercial and industrial area in latur city by using various parameters –A. M.Chougule-current globalreviewer
3. study on ambient concentration of air quality parameters (RSPM,SPM,SO<sub>2</sub>,NO<sub>x</sub>) Of laturcity-A. M.chougule- current global reviewer
4. Study on ambient concentration of air quality parameters (PM<sub>10</sub>,SPM,SO<sub>2</sub>,NO<sub>x</sub>)-A.M.Chougule.-*European Journal Of Experimental Biology*

5. Synthesis, Spectral Studies and Fungicidal activity of Some Heterocyclic Schiff Base Metal Complexes- P S Mane, Salunke S M, More B S and **A M Chougule**, *International journal of Basic and Applied Research*.vol 01(2011)P24-30.
6. Synthesis, Spectral Studies of Some Heterocyclic Schiff Base Ligands- Salunke S M, More B S, **A M Chougule** and Mane P S, *Interlinkage Research Analysis :An International Journal*, ISSN 0976-0377 VolIII, Issue:IV July To Dec, (2011)P10-14.
7. Synthesis, Spectral Studies of Some Heterocyclic Schiff Base Ligands- Salunke S M, More B S, **A M Chougule** and Mane P S, *Interlinkage Research Analysis :An International Journal*, ISSN 0976-0377 VolIII, Issue:IV July To Dec, (2011)P10-14.
8. Study on Ambient Air Quality level at Different locations Inside Latur city published in 2020 *JETIR march 2020 volume7 issue 3*, [www.jetir.org](http://www.jetir.org) (ISSN-2349-5162) Dr. Annarao Maruti Chougule.

### **Paper (Oral & Poster) Presentations:**

#### **[A] International Conferences**

1. Spectral, Thermal and Fungicidal studies of Schiff base metal complexes derived from 3-acetyl-6-methyl-2(H)-pyran-2, 4(3H) dione- P S Mane, S M Salunke., B S More, **A M Chougule**, *Paper presesntation in 17<sup>th</sup> International Conference on Expanding Horizons in chemical and biological sciences:Innovation crossroads*, Solapur University Solapur, (ISCBC- 2012)PP-32(121).
2. Studies on Coordination Complexes of Bivalent and Trivalent Metal Ions with Some Biologically Active Schiff Bases- **A M Chougule**, P S Mane, *Paper presesntation in 2<sup>nd</sup> International Conference on Emerging Trends in chemical sciences*, Solapur University Solapur, (2012)PP-71-125.
3. Spectral studies of biological active newly Synthesis Bi-Dentate Schiff base metal complexes-Shri kumar swami College Ausa- ICAS-17, 26 and 27 Dec 2017
4. Participated International E-Conference on Strategies & Challenges in higher education during COVID-19 Lockdown period in India with reference to the World Organized by Government Vidharba institute of science & Humanities, Amravati India on 15-17 th May 2020
5. Participated in the one day international virtual conference held on 03 June 2020
6. Novel Corona and Novel challenges life ahead Covid-19 at Sri Guru Gobind Singh College Chandigarh.
7. Participated and contribution speaker in the 'International e-Conference on A Material Science and Nano technology (e-ICMSC2020) organized by Department of

Physics, Dayanand Science College, Latur. on dated 17<sup>th</sup> -19<sup>th</sup> December 2020. **Titel of the Talc** Effect of COVID -19 in lockdown period on Ambient Air Quality status, Resdiantial,Comercial and Industerial area in Latur city, Maharashtra.

## **[B] National**

### **ConferencesProfessional**

#### **Activities**

1. Life Member of **Indian Science Congress**, India.Membership

### **Participation in National and State level Conference /Seminar/ Workshop**

- 1) Participated in the International Webinar on Covid-19 considerations for Vaccine webinar on dated 12<sup>th</sup> may 2020 by central for human excellence,RUSA 2-component 8,Mithibai College of Arts, Chauhan Institute of Science Vile Parle (W) Mumbai-56
- 2) Participated in international E-conference on strategies and challenges in Higher Education during COVID-19 lockdown period in India with reference to the world organized by Government Vidarbha Institute of Science and Humanities Amravati India on dated 17<sup>th</sup> may 2020
- 3) Participated in one day E-FDP on startups and inoculation Centers role of academic institution –naac perspective jointly organized by Dayanand Education society's, Dayanand Institute of Pharmacy Latur and Patlex Business solutions on dated 3<sup>rd</sup> June 2020
- 4) Participated in Corona Awareness Programme organized by smt.LaxmibaiRadhakisanToshnival College of Commerce Akola on 27/4/2020
- 5) Participated in one day workshop on Energy Awareness and Management organized by Department of Botany,Dayanand Science College Latur on 9<sup>th</sup> august 2019
- 6) Participated in one day work on Startups Innovation and intellectual property right (IPR)organized by IQAC and RajarshiShahumahavidyalaye dated 16 July 2019
- 7) Participated in Teacher TrainingProgramme on onscreen evaluation date21/9/2019 organized by Dayanand Science College Latur
- 8) Participated in one day work shop on energy awareness and management organized by Department of Botany Dayanand Science College Latur on 9<sup>th</sup> august 2019
- 9) Participated in one day work day work shop held on intellectual property rights and patent filing organized by staff Acdamy and Dayanand College of Art,latur on 4<sup>th</sup> December 2019

- 10) UGC CPE sponsored one day work shop on intellectual property rights organized by Department of Botany Dayanand Science college Latur on 16<sup>th</sup> December 2019
- 11) Participated one day work shop on the Scop of new Syallabus at first yesrB.sc. Chemistry on 19<sup>th</sup>july 2019conducted by Department of Chemistry by Shri Guru Buddiswami Mahavidyalaya Purna.
- 12) Participated **one** day University level workshop on 4<sup>th</sup> October 2019 by Sambhajirao Kendre Mahavidyalaya .
- 13) Participated one day work shop on the scope of Revised (CBSC) Curriculum of B.Sc. and M.Sc. Chemistry and allied subjects organized by department of Chemistry Dayanand Science College Latur on dated 24<sup>th</sup>july 2019
- 14) Participated for participated in the workshop on B.Sc. third year syllabus structure CBCS pattern in chemistry and allied subjected on 14<sup>th</sup>july 2018 organized by department of chemistry
- 15) Participated for the webinar assessment and evaluation in the wake of COVID-19 on dated 15<sup>th</sup> may 2020 by Rajarshi Shahu mahavidyalaya Latur
- 16) Participated in International Webinar on Aatmanirbhar Bharat a Dawn of new Economic reforms on dated 23<sup>rd</sup> may 2020 organized by Annaleela College of Commence and Economics
- 17) Participated in National Seminar on “Intellectual Property Right” held on22<sup>nd</sup>Sept. 2018, ,Dayanand Science college, Latur.
- 18) Participated in Workshop on Skill Enhancement Course (SEC) CBCS in Chemistry held on 6<sup>th</sup>Aug. 2018, ,Dayanand Science college, Latur.
- 19) Participated in State level Workshop on Basics of Intellectual Property and Filing Patents, held on 2 Dec. 2017, Dayanand College of Commerce, Latur.
- 20) Participated inOne Day Work Shop on B. Sc. Second year CBCS Pattern Curriculum held on 5August 2017 Arts, Commerce and Science College, Shankarnagar.
- 21) Participated in International Conference on Mathematical Analysis and its Applications, held on date-5-9 March 2017, as Organizing Committee member ,Dayanand Science college,Latur.
- 22) Participated National Seminar on” Present scenario and future Challenges of autonomous colleges” held on 17-18, April, 2017 at RajarshiShahuMahavidyalaya, Latur(Maharashtra).
- 23) Participated International Conference on “Recent Development in Engineering Science, Management and Humanities” held on 13 March-2016, Mahatma Basweshwar

Mahavidyalaya, Latur.

- 24) Participated in National seminar on “Role of Chemical Sciences in overall Development of Human Beings” held on 23-24Jan.-2015, Adarsh Mahavidyalaya, Omerga
- 25) Participated in State level seminar on “Recent Trends in Chemistry” held on 31 Aug. 2012 at Mahatma Basweshwar Mahavidyalaya, Latur.
- 26) National Seminar on “Science, Scientists and in 21<sup>st</sup> Century”, held on 30 March-2012 at Mahatma Basweshwar Mahavidyalaya, Latur.
- 27) Participated in National Seminar on “Eco Friendly Synthesis and Organic Compound” held on 04-05<sup>th</sup> Nov. 2011 at Dayanand Science College, Latur.
- 28) Participated in Workshop on “Implementing New Examination Pattern -2011” held on 06<sup>th</sup> Dec. 2011, Dayanand College of Commerce of Latur.
- 29) Participated in National Seminar on “Recent Instrumental Techniques in Coordination Chemistry” held on 23<sup>rd</sup> Jan. 2011 at S.C.H. College, Omerga.
- 30) Participated in Workshop on “Workshop on Scope Syllabus in Chemistry” held on 18 Dec. 2010, B.S. College, Basmatnagar.
- 31) Participated in Workshop on “Role of NSS in Disaster Management”, held on 17 Dec. 2009 at S.R.T.M. U. Nanded.
- 32) Participated in Workshop on “Scope of New Syllabus of UG And PG Chemistry and Allied Subject”, held on 26<sup>th</sup> Nov. 2009 at N.E.S. Science College, Nanded.
- 33) Participated in Seminar on “Nuclear Energy for National Development”, 23-24 May 2009 at B.A.R.C. Mumbai and Dayanand Science College, Latur.
- 34) Participated in National Seminar on “Recent Advanced in Chemical Kinetics, Coordination and Nano Chemistry”, held on 23-24<sup>th</sup> Jan. 2009 at Rajashri Shahu Mahavidhyalaya, Latur.
- 35) Participated in Workshop on “Workshop on Scope and Syllabus in Chemistry at UG And PG Level”, held on 18 Nov. 2008 at D.S.M. College, Parbhani.
- 36) Participated in National Conference on “Recent Advanced in studies of Metal Complexes” held on 15-16 Mar. 2008 at N.E.S. Science College, Nanded.
- 37) Participated in National Seminar on “Recent Advanced in Nano Science” held on 23-24 Feb. 2008 at Dr. B. A. M.U. A. bad Sub Center Osmanabad.

### Teaching Experience

- Shri Chhatrapati Shivaji Mahavidyalaya, Omerga (1999-26-12-2007)
- At Dayanand Science College, Latur (27-12-2007 to till date.)
- **Post Graduate:**  
Physical Chemistry
- **Undergraduate:**
  - Organic Chemistry, Inorganic Chemistry, physical chemistry Industrial Chemistry, Organic spectroscopy, Stereochemistry, Bioorganic and Bioinorganic chemistry, Practical Chemistry, Atomic and Molecular chemistry, NuclearChemistry.
- **AdministrativeWork**
  1. Worked as **NSS Programme Officer** during 2012 to2015.
  2. Working as **Head of the Dept. of Industrial chemistry and worked incharge head of** the Chemistry
  3. Worked as **Member of University Exam Committee** in Dayanand Science College,Latur.
  4. Worked as **Internal and External Examiner** of M.Sc., B.Sc(Chemistry) PracticalExamination.
  5. Worked as **Member of UGC sponsored NET/SET coaching cell in chemistry** at Dayanand Science College,Latur.
  6. Worked as **Assitant Chief Superitendant (ACS)** in University Examination at Dayanand Science College, Latur.
  7. Worked as C-CAP and **D-CAP Officer S.R.T.M.U. Nanded** in Dayanand Science College,Latur.
  8. Working as In charge Student Council from academic year 2016-17

### Other Developmental Work

- Research Guide in Chemistry of Swami Ramanand Teerth Marathwada University.
- Approved Recognition as a Post Graduate Teacher in chemistry, Swami Ramanand Teerth Marathwada University

- Worked as Member of university paper setting of BSc.IndustrialChemistry, Swami Ramanand Teerth Marathwada University Nanded.
- Working as Chairman of university paper setting of Industrial Chemistry,Swami Ramanand Teerth Marathwada University.
- Worked as an invitee member of BOS Chemistry,Swami Ramanand Teerth Marathwada University.
- Worked as member on Adhoc Board in Industrial Chemistry at Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

### **Orientation/Refresher/Short term courses:**

- Participated an **Orientation course** conducted by the UGC ASC, Dr.B.A. Marathwada University, Aurangabad during 04-07-2011 to 30-07-2011.
- Completed **Refresher Course** in Chemistry Conducted by UGC-ASC, University of Mumbai, Date-27-10-2014 to 15-11-2014.
- Participated**Refresher Course** in Physical Sciences Conducted by UGC-HRDC Punjabi University, Patiala, Date- 20-06-2016 to 09-07- 2016.
- Participated a NSS Orientation course conducted by Training and Orientation Centre, Ahmednagar College,Ahmednagar
- Participated in seven days online faculty development course on innovative pedagogy in remote teaching from 05.01.2021 to 11.01.2021 conducted by Sri Guru Gobind Singh College Sector 26,Chandigarh in collaboration with UGC-Human Resource Development Centre, Panjab University, Chandigarh under Rusa 2.0 grant
- Participated in the short-term course in Bio-medical Technology with focus on stress and its remedies from 14<sup>th</sup> December 2020 to 21<sup>th</sup> December 2020 in online mode conducted by North-Eastern Hill University Shillong
- Participated in Two Weeks Faculty Development Programme on MANAGING ONLINE CLASSES AND CO-CREATING MOOCS:2.0" from 18- June 03,2020 conducted by teaching learning Centre Ramanujan college university of Delhi



- Participated in One week online faculty development program on Innovation, Entrepreneurship and its Relevance in industry 4.0 practices in the post covid-19 Situation conducted during may 25 -29 ,2020 and was organized by Department of Mechanical Engineering Terna Engineering College, Navi Mumbai,
- Participated in one week National Faculty Development Program and Online Training on Scilab jointly organized by Rajarshi Shahu Mahavidhyalaya (Autonomous ), Latur and Spoken Tutorial Project IIT, Bombay from 1 May 2020 to 7 May 2020
- Participated in the Seven days Faculty Development Program entitled Hostal Teacher Training in Innovative Skills of Cooperative Learning and Development of e-content for teaching pedagogies in higher education organized by progressive Education Society's Modern College of Arts, Science and Commerce, Ganeshkhind , Pune under teaching Learning Centre Savitribai Phule University, Pune from 25<sup>th</sup> November- 1<sup>st</sup> December 2019
- Participated in the short term course/workshop in MOOCS e-content development and open educational resources from 21.02.2019 to 27.02.2019
- Attended for 1<sup>st</sup> online short term course on soft skill development during 21/12/2020 to 27/12/2020 organized by UGC human resource development Centre Gujarat University , Ahmedabad.
- Participated in the Short term Course on Research Methodology-I from 8/03/2021 to 13/03/2021 at UGC-HRDC Centre Guru Ghasidas Vishwavidyalaya Bilaspur (C.G) India.