

CURRICULUM VITAE



1. NAME : **DR. ASWAR ANAND SHANKARRAO**
2. PRESENT POSITION : **Professor & Head**
Department of Chemistry & Coordinator, Avishkar Cell
Sant Gadge Baba Amravati University, Amravati- 444602
3. DATE OF BIRTH : 29-06-1962
4. INSTITUTION : **Sant Gadge Baba Amravati University, Amravati- 444602**
5. ADDRESS FOR COMMUNICATION : 5, Sarthak layout, Christ colony, Camp, Amravati - 444602
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6. EDUCATION : **B.Sc. (1st Div.), Nagpur University, 1984**
: **M.Sc. (3rd Merit), Nagpur University, 1986**
: **Ph.D., Nagpur University, 1989**
7. AWARDS/ HONORS
1. **Best Teacher Award**, Amravati University, Amravati, **1998**.
 2. **Fellow**, Indian Chemical Society, Kolkata.
 3. **Sectional Recorder**, Chemical Sciences for **106 & 107th**, Indian Science Congress Association, Kolkata
 4. **Council Member**, Association of Chemistry Teacher's, Mumbai (2017-2022).
 5. **Council Member**, Indian Chemical Society, Kolkata (2005-2010, 2014-2016 & 2020-2022).
 6. **Sectional President** for the Inorganic Chemistry Section, **Indian Council of Chemists**, Patan -2009.
 7. **Scientist-In-Charge** for the Industrial and Applied Chemistry Section, 2011-2013 & **2017-2019**, Indian Chemical Society, Kolkata.
 8. **Associate Editor**, Indian Chemical Society, Kolkata, 2005-2010 & 2011-2013.
 9. **Vice-President**, Council of Surface Science and Catalysis, Indore.
 10. **Member ,Editorial Board** , Pt. Ravishankar University Journal, Raipur
 11. **Member**, Editorial board of SRTM University journal, Nanded
 12. **Member**, Editorial board of Current Indian Science: Coordination Chemistry, Bentham Science.
8. SCHOLARSHIP/ FELLOWSHIP:
1. Merit Scholarship, 1985-86
 2. Junior Research Fellowship, UGC, New Delhi, July 1986 Dec. 88.

9. ACADEMIC RECOGNITION:

1. Ph. D & M. Phil Guide
2. Referee for evaluation for Ph.D., M.Phil & M.Sc. Thesis of Various Indian Universities (More than 75).
3. Peer Reviewer/Referee for scientific Journals (Indian & Foreign Journals)
4. CSIR, New Delhi Book reviewer.

10. TEACHING EXPERIENCE:

32 Years
PG: - 32 Years
UG: - 03 Years

11. RESEARCH EXPERIENCE:

33 Years
1. Individual- since 1986
2. Supervision of Ph.D. students - since-1992.

12. APPOINTMENTS CHRONOLOGICAL ORDER:

1. **Professor in Chemistry, SGB Amravati University, Amravati** (By Selection **11th July 2007 to till date**): As a Professor 14 Years as on June 2021.
2. **Reader in Chemistry**, SGB Amravati University, Amravati (By Selection, 8th September 2000 to 10th July 2007).
3. **Lecturer in Chemistry**, Amravati University, Amravati, (14th December 1991 to 7th September 2000).
4. **Lecturer in Chemistry**, Priyadarshani College of Engg. Nagpur, (4th September 1990 to 13th December 1991)
5. **Lecturer in Chemistry**, Institute of Science, Nagpur, (1st December 1988 to 30th April 1990).

13. REASERCH PUBLICATIONS:

i. Published in Journals	:	188
ii. In Press/ Communicated	:	03
iii. Conference /Symposia	:	257
iv. Patent	:	01(Applied)

14. NO STUDENTS GUIDED:

i) Ph.D. Awarded	:	30
ii) M.Phil awarded	:	15
iii) Working for Ph.D	:	07
iv) M.Sc. Project Guided	:	62

15. AREA OF REASEARCH:

- i. Co-ordination & Solid State Chemistry
- ii. Catalysis
- iii. Molecular Interactions
- iv. Analytical & Environmental Chemistry

16. REASEARCH PROJECTS:
UNDERTAKEN

- i. UGC Major Research Project (2007-2010)
- ii. Two minor research projects completed.

17. BOOK PUBLISHED:

02
i. Textbook of Chemistry for B.Sc. III.
ii. Textbook of Practical Chemistry for B.Sc. III.

18. VISIT TO ABROAD:

Bangkok, **Thailand**, 2011.
KAUST, Thuwal, **Saudi Arabia**, 2011.

19. ADMINISTRATIVE EXPERIENCE: As a Head over **20 Years and 8 months as on June 2021**

1. Working as Head, Department of Chemistry, SGB Amravati University Amravati, (August 06 to till Date)
2. Working as, Coordinator, Avishkar Cell, SGBAU, Amravati
3. Worked as Head, Department of Chemistry, SGB Amravati University Amravati , (February 2003 - October 2005)
4. Worked as Head, Department of Chemistry, Amravati University, Amravati (December 1991 - January 1995).
5. In-Charge, Department of Bio-Technology Amravati, University, Amravati (1994 - 1995).
6. Head, Department of Applied Chemistry, Priyadarshini College of Engineering, Nagpur (September 1990 – Dec.1991)
7. Warden, Priyadarshini College of Engineering, Nagpur. (September 1990 - December 1991).

20. WORKED ON VARIOUS STATUTORY AUTHORITIES (**Home University**)

1. Worked as **Chairman, B.O.S. in Chemistry** (2012-2017).
2. Worked as Chairman, Adhoc Board of Studies in Forensic Science.
3. Worked as Member, Academic Council (2008 to 2017).
4. Worked as Member, Faculty of Science.
5. Worked as Member, Senate.
6. Worked as Member, R.R.C.
7. Worked as Member, B.U.T.R
8. Worked as Member, Adhoc Board of Studies in Industrial Chemistry.
9. Worked as Member, Adhoc Board of Studies in Biodiversity.
10. Worked as Member, Programme Committee (CBCS).
11. Worked as Member, Purchase Committee.
12. Worked as Member, Equivalence Committee (Science Faculty).
13. Worked as Member, University Tender opening Committee.
14. Worked as Member, University Investment Committee.
15. Worked as Chairman, Syllabus Committees for P.G. Chemistry.
16. Worked as Chairman, Syllabus Committees for M.Phil Chemistry
17. Worked as Chairman, Central Admission committee, 2008-09
18. Worked as Chairman, Subject Examination committee more than 10 years
19. Worked as Secretary, Academic and Administrative Committee 2005
20. Worked as Chairman, Ph.D entrance Examination (PAT) 2009
21. Working as Coordinator, Avishkar Cell, SGB Amravati University, since 2008 to till date.
22. Working as Coordinator, UGC-NET Centre, Since 2014 to till date
23. Working as Coordinator, R & D Committee, SGBAU, Amravati
24. Working as Member, Various committees of University for preparation of UGC, NAAC 2002, 2007, 2012 and 2021

21. MEMBER OF ACADEMIC BODIES/COMMITTEES (Other University)

1. Working as Member, RDC in Chemistry DAV University, **Indore (2019-2021)**.
2. Working as Member, BOS in Chemistry Pt. Ravishankar Shukla University, **Raipur (CG) (2019-22)**.
3. Working as Member, BOS, H.P. University, **Shimla (H.P.) (2019-21)**.
4. Working as Member, BOS in Chemistry, KBC NMU, **Jalgaon**.
5. Working as Member, BOS in Applied Sciences, KBC NMU, **Jalgaon**
6. Working as Member, BOS in Chemistry, University of Mumbai, **Mumbai**.
7. Working as Member, BOS in Chemistry, Pratap College, **Amelner**.

8. Working as Member, RRC in Chemistry Dr. BAMU, **Aurangabad** for the period 2017-22
9. Working as Member, RRC in Chemistry SRTM University, **Nanded** for the period 2017-22
10. Working as Member, RRC in Chemistry RTM Nagpur University, **Nagpur** for the period 2017-22
11. Working as Member, RRC in Chemistry Gondwana University, **Gadchiroli** for the period 2017-22
12. Working as Member, Board of P.G. Education in colleges , RTM Nagpur University, **Nagpur** for the period 2017-22
13. Working as Member, IQAC, Govt. College of Pharmacy, Amravati
14. Worked as UGC Nominee, SAP Committee, M.S. University, Baroda 2011-2015.
15. Worked as Member, BOS in Chemistry Dr. BAMU, Aurangabad for the period 2011-15.
16. Worked as Member, RDC, H.P. University, **Shimla (H.P.)** (2011-13).
17. Worked as Member, Central BOS in Chemistry, M.P. **Bhopal**.
18. Worked as Member, BOS in Chemistry Ravishankar Shukla University, **Raipur (CG)** (2010-13).
19. Worked as Member, BOS, G.K. University, **Haridwar (UTR.)** (2016-19).
20. Worked as Member, BOS in Chemistry DAV University, Indore (2009-12).
21. Worked as Member, RDC in Chemistry, Dr.B.R. Ambedkar University, **Agra (UP)** (2009-11).
22. Worked as Member BOS in Chemistry & Faculty of Science, RTM Nagpur University, **Nagpur** (2005 -2010).
23. Worked as Member, Syllabus Committee, University of Mumbai, **Mumbai**.

22. MEMBER OF ACADEMIC BODIES/COMMITTEES (State /National Level)

1. Worked as Examiner for SLET Examination (MP).
2. Worked as Observer for SLET/NET Examination's.
3. Worked as Observer for JEE/NEET, New Delhi.
4. Worked as Expert , Learning Outcomes based Curriculum Framework (LOCF),UGC, New Delhi
5. Acted as Member, Advisory committee for several National &International Conferences/seminars/symposia organized at various Indian Universities.
6. Chaired/Co-chaired various technical sessions at many conferences/seminars/workshops
7. Member, NAAC Assessor Committee
8. Expert Member for selection committee of various Indian Universities & Research Institutions
9. Working as Member, State Education Reform Committee, Pune.
10. Worked as Jury, State Level Inspire Award Science Exhibition, 2011, 2013, 2014 & 2016.
11. Expert Member, Syllabus committee, Industrial & Analytical Chemistry, Solapur University, Solapur.
12. Panelist, ICC International Conference, Bangkok, 11-15th June 2011.
13. Delivered several invited lectures in Refresher & Orientation Courses.

23. REFRESHER COURSES ATTENDED : **04**

24. REFRESHER COURSES ORGANISED AS COORDINATOR : **07**

25. CONFERENCE/WORKSHOPS /SEMINARS ATTENDED : **122**

26. INVITED TALK (CONFERENCES/WORKSHOPS /SEMINARS) : 38

27. TECHNICAL SESSSIONS CHAIRED : 58

28. CONFERENCE/WORKS ORGANISED: 15

1. **Convener**, “National Conference on Green Chemistry & Its Perspective”, **Feb.11-12, 2008**.
2. **Convener**, “National Workshop on Green Chemistry”, **Feb. 17-18,2010**.
3. **Convener**, Seminar on “Chemistry in Our Lives”, **Sept.2011**.
4. **Convener**, “Workshop on Ozone Depletion”, **Sept.2012**
5. **Convener**, “National Workshop on Coalescence of Chemical Sciences to confront the challenges of sustainability”, **September 19-20, 2014**.
6. **Convener**, “Workshop on 'Frontier in Spectroscopy”, **March 2014**.
7. **Convener**, “Workshop on Research Methodology” **March 2015**
8. **Convener**, National Conference on "Chemical Sciences: Emerging Scenario & Challenges”, **January 2016**.
9. **Convener**, “Exploring Development in Chemical Sciences”, **February19-21, 2016**.
10. **Convener**, National workshop on “Scientific/research paper writing, **March 4-5, 2016**.
11. **Convener**, Workshop on “Science of Crystallography”, **March 2017**.
12. **Convener**, Workshop on “Advances In Chemical Sciences”,**March,2018**
13. **Convener**, National Conference on “New Dimensions in Chemistry and Chemistry Education” & National Convention of Chemistry Teachers (**NCCT-19**),**Dec.2019**
14. **Convener**, IUPAC Global Women Breakfast-2021: “Contribution of Women in Chemical sciences”,**Feb.2021**
15. **Convener**, National Webinar on “Chemistry for better tomorrow”, **February ,2021**

29. MEMBER OF LEARNED SOCITIES:

1. Life Member, Indian Chemical Society, Kolkata.
2. Life member, Indian Science Congress Association, Kolkata.
3. Life member, Indian Thermal Analysis Society, Mumbai.
4. Life member, Ultrasonic Society of India, New Delhi.
5. Life member, Indian Council of Chemists, Agra.
6. Life member, SAEST, Karaikudi.
7. Life member, ITAS, Mumbai.
8. Life member, ISCAS, Jammu.
9. Life member, CRSI, Bangalore.
10. Life Member, International Academy of Physical Sciences, Allahabad
11. Life Member, Council of Surface Science and Catalysis, Indore
12. Life Member, Indian Association of Chemistry Teacher’s, Mumbai.
13. Life member, Amravati University Chemistry Teachers Association.
14. Life member, SPMS, Nagpur.

30. SOCIAL & CULTURAL:

1. Coordinator, National Science Day Celebration, 2011.
2. Celebrations of Various Days i.e. Teachers, Chemistry, NSD, Ozone

3. Organized seven Blood Donation Camps at Department
4. Actively involved in organizing personality development workshops for Chemistry students.
5. Guest lectures, seminars, counseling to students etc. have been arranged
6. Member, VII Maharashtra Inter-University Sports Meet 'ASHWAMEDGH-2003'.
7. President, Team to Restore Entire Environment (TREE, NGO Reg.No.MH/478/2002).
8. Member, University Decade Celebration Committee, 1993
9. Organized activities associated with water Conservation and Plantation.
10. In-Charge, Teacher In-charge for Student Activity PCE, Nagpur (1990-91).
11. Organized Research Scholar Meets to refine their Research Findings, Upgrade their writing, skill of presentation and thesis writing.
12. Was Instrumental in induction of New Papers/recent topics in the M.Sc. Syllabus i.e. clinical, forensic, warfare agents.
13. Was instrumental in starting Inorganic and analytical chemistry and their respective curricula through department.
14. Involved actively in student-centric programs of the Chancellor of University for interuniversity meet, Avishkar/ Indradhanushya etc.
15. As Convener/President of many events, have given presidential address.
16. Honored to be Chief Guests in number of National Conferences/Workshops.
17. Serving as Head of Department and brought national and international recognition for the Department through accomplished leadership.
18. Delivered Lectures on popular topic on Science in various exhibitions, Schools & Colleges
19. Delivered several lectures under teacher exchange programs
20. As Head of the Department, initiated several schemes for the up-gradation of standards of higher in general and chemistry in particular.
21. Worked as Officer and Joint Custodian in PG, CAS center for 8 years

31. APPRECIATIONS:

1. Appreciation Certificate for significant contribution in **2021 IUPAC Global Women Breakfast-2021**
2. Appreciation Certificate for valuable guidance in state level **Inspire Award exhibition**, Akola, 2016.
3. Appreciation Certificate for Valuable Services as a Convener of Accommodation Committee at 12 Maharashtra State Inter University Youth Festival, **INDRADHANUSHYA-2014**
4. Appreciation Certificate for Valuable Services in 39th **District Level Science Exhibition**, Akola, 2014.
5. Appreciation Certificate for Valuable Services towards **Environment Awareness & Cleanness** Program of University, 2007-8.
6. Appreciation Certificate for Valuable Services as a Member of Accommodation & Boarding Committee at Sport Meet, **ASHWAMEDH, 2003**.
7. Appreciation Certificate for Active involvement in International Conference in Botany, 2005.
8. Appreciation Certificate for Successful Execution of Various Activities in **National Science Day Celebration, 2005**.

