

# **CURRICULUM VITAE**

**Nagendra Naik K.** MSc, NET; Dip. In Industrial Safety

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Department of Environmental Science, Botany & Zoology,  
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## **EDUCATIONAL QUALIFICATIONS:**

**Ph.D., (Doctor of Philosophy in Environmental Science, Kuvempu University) on the topic entitled “Application of Barium oxide and its composites nano particles in the degradation of certain industrial dyes”**

**MSc in Environmental Science from Kuvempu University in 2004**

**Diploma in Industrial Safety from Annamalai University in 2009**

**CURRENT RESEARCH INTEREST:** Environmental Chemistry, Ecology and Biodiversity.

## **WORK EXPERIENCE:**

**Research experience: 9 years**

**Teaching experience: 13 years**

## **ACADEMIC WORK EXPERIENCE:**

1. Presently working as Asst. professor & HOD, in the Department of Environment Science, Botany and Zoology Government First Grade College, Bapujinagar, Shivamogga.

2. Worked as Junior Research Fellow in the Regional Centre, NAEB, UAS, Bangalore from 2007 to 2009
3. Worked as a Senior Field Investigator in the field of Forestry and Environment in NAEB,UAS, Bangalore from 11-12-2006 to 27-12-2007
4. Worked as Guest lecturer in the Dept. of Environmental Science, Kuvempu University in the academic year 2005-06
5. Worked as a guest lecturer in the Dept. of Environmental Science,Smt. Indiragandhi Govt. First. Grade College, Sagar, Shivamogga in the Academic year 2005-06
6. Worked as a guest lecturer in the Dept. of Environmental Science,LB & SBS College, Sagar, Shivamogga in the Academic year 2005-06.
7. Participated in the Science exhibition organized by Karnataka State Science and Technology Academy, Bangalore, held at JCBM College Shringeri on 10-02-2010.
8. Served as a cultural co-ordinator and conducted various **training camps like Nandikolu kunitha, Veeragase, Dollu kunitha** in Association with Kannada and Cultural Department Shivamogga during the academic year 2011-12.
9. Participated in the Cultural events in the 17<sup>th</sup> National Youth Festival, 2012- Mangalore held between 13<sup>th</sup> -15<sup>th</sup> January at Mangalore.
10. Participated as a Associate NSS Camp officer in the NSS Camps held at Shettihalli, Shivamogga from 28-03-2016 to 03-04-2016, Machenahalli, Shivamogga from 03-04-2017 to 09-04- 2017, Mandenakoppa, Shivamogga from 05-02-2018 to 11-02-2018.
11. Participated and won Second prize in 1500 Running race Competition in District level Govt. Employees Sports competition held at Nehru Stadium Shivamogga held on January 16th and 17<sup>th</sup>, 2015.
12. Participated as a judge in Kuvempu University level kannada Science speech Competition- 2019 On 16-03-2019 held at GFGC Shivamogga.

## **PUBLIC SERVICE SECTOR EXPERIENCE**

1. Serving as a member of All India Banjara Professors Association(R)
2. Participated as a delegate in “All India Banjara Professors Conference-2012 organized by All India Banjara Professors Association(R) at Gulbarga
3. Serving as Trustee in Sindhu Banjara Trust (Reg.), Shivamogga Since 2013
4. Served as a Director of Gorbhai Vividhodesha Pathina Sahakara Sangha(Reg.) SUDA Complex, Shivamogga from 2013-2018
5. Giving services to many colleges in preparing College Green Audits.
6. Served as Co-ordinator of Shivamogga for Biodiversity board Karnataka, to coordinate for People biodiversity Register.
7. Attended the Blood donation Camps conducted by various organizations like Red cross, Shivamogga Rotary, MC.Gan Hospital Shivamogga, Shankara Eye Hospital and donated the blood for 10 times.

## **SEMINARS / CONFERENCE/ WORKSHOPS ATTENDED:**

1. Participated in the training program on “*Training of Trainers on Micro-planning, PRA, Accounting Procedures, Institutional Linkages such as SHGs and other Aspects under NAP for Southern States*” held at Bangalore during 7<sup>th</sup> to 9<sup>th</sup> March, 2007.
2. Participated in national level workshop on “*Travelling/ Exposure workshop of CEOs & Chairpersons of FDAs of Southern State*” held at Harur FDA, Dharmapuri circle, Tamilnadu from 13<sup>th</sup> to 15<sup>th</sup> February. 2008.
3. Attended National Conference on “*Global Climate Change: Perspectives and Challenges*” at Dept. of P.G. Studies and Research in Environmental Science, Kuvempu University, Shivamogga, Karnataka on March 23<sup>rd</sup> and 24<sup>th</sup> 2011.
4. Attended the workshop on “*OMR and MCQs in the subject Environmental Studies/Constitution of India(UG)*” held at Kuvempu University, Jnanasahyadri,

Shankaraghatta-577451 on 13<sup>th</sup> July, 2011

5. Participated in one day state level seminar on “***Western Ghats Biodiversity***” held at Sahyadri Science College (Autonomous) Shivamogga-577203 on 14-10-2011
6. Participated in the international conference on “***climate change, Forest Resource and Environment***” organized by the Department of Environmental Sciences, University of Kerala, Thiruvananthapuram in collaboration with National Environmentalists association, Ranchi during 9-11 December 2011
7. Participated and presented a poster on the topic “***Ethno-Veterinary study of Lambani Community in Shivamogga District***” in national level silver jubilee symposium on Biodiversity and sustainability: present problems and future prospects, at Department of Applied Botany, Kuvempu University, Shivamogga, Karnataka on March 5<sup>th</sup> and 6<sup>th</sup>, 2012.
8. Participated in one day state level seminar on “***Energy Resources for Sustainable Development***” organized by Department of Environmental Science, Sahyadri Science College (Autonomous) Shivamogga, on 29<sup>th</sup> October 2013
9. Participated in the UGC sponsored National Seminar on “***Environmental Pollution: a threat to Global life***” organized by DVS College of Arts and Science, Shivamogga, Karnataka on 03-03-2014
10. Participated in the workshop for the “***preparation of Peoples Biodiversity Register***” organized by Karnataka Biodiversity Board, Govt. of Karnataka on 19-08-2014.
11. Participated in the One day Seminar on “***Urban Environmental Issues and challenges in India***” Organized by Dept. of P.G. Studies and Research in Environmental Science, Jnana Sahyadri, Shankaraghatta in Association with State Pollution Control Board, held at Jnanasahyadri, Shankaraghatta on 11<sup>th</sup> March, 2015.
12. Attended one day seminar on “***Recent Trends in Environmental Science***” at Dept. of P.G. Studies and Research in Environmental Science, Jnana Sahyadri, Shankaraghatta on 20<sup>th</sup> July, 2015.
13. Participated in One day National seminar on “***Empowerment of Women in Karnataka-Challenges & Remedies***” Organized by the Dept. of Sociology, GFGC Shivamogga on 10<sup>th</sup> September, 2015.

14. Participated in UGC sponsored one day State level seminar on “*Save ponds to save Earth*” organized by Dept. of Environmental Science, Sahyadri Science College(Autonomous) Shimoga, in association with KSPCB on 22<sup>nd</sup> April 2016.
15. Participated as a speaker at the state level seminar on “*Deforestation and its Impacts*” held at Sahyadri Science College (Autonomous), Shivamogga, Karnataka, on 16<sup>th</sup> March 2017.
16. Participated in one day Regional Level workshop on “*Disaster Management, First Aid and Emergency Responses*” organized by The youth Red cross Unit GFGC Shivamogga in coalition with District legal services authority, Shivamogga on 15-02-2018
17. Participated in Two days Science academies Workshop on “*Emerging trends in NanoScience and Nanotechnology*”. Sponsored by Indian Academy of Sciences, Bengaluru, Indian National Science Academy, Delhi, The National Academy of Sciences, Allahabad held at JNNC, Shivamogga from 7<sup>th</sup> September 2018 to 8<sup>th</sup> September 2018.
18. Participated in the National Conference on “*Biodiversity Conservation-Recent Development & Future Strategies*” at Dept. of Wildlife and Management, Kuvempu University, Shankaraghatta-577451, Shivamogga, Karnataka, India in Association with Karnataka Biodiversity Board, held during 16<sup>th</sup> and 17<sup>th</sup> November, 2018.
19. Participated in Regional Workshop on “*Biological Sciences*” jointly organized by Vision Group on Science and Technology, Govt. of Karnataka and Kuvempu University, held at the Kuvempu University, Jnana Sahyadri, Shankaraghatta, Shivamogga, on November 17<sup>th</sup> , 2018.
20. Participated as a delegate and presented a paper entitled “*Synthesis and application of BaO nano-particles for the photocatalytic decolorization of Methyl Violet 10 B*” in the International conference on Global Environmental challenges human health and sustainable development organized by ESDA Delhi in Association with JNU Delhi, Metropolitan University-USA, CSIR-NEERI-Delhi during 11 to 13 January, 2019.
21. Participated and presented a poster presentation titled “*Synthesis and application of BaCaO<sub>2</sub> nano-particles for the photocatalytic decolorization of Methyl Violet 10 B*” in the National Environmental Innovation summit organized by Dept. of studies and Research in Environmental Science, Tumkur University during 29<sup>th</sup> and 30<sup>th</sup> April, 2019.
22. Participated in the one day workshop on “Question paper designing for UG Courses” held on

- 28<sup>th</sup> June, 2019, organized by Planning, Monitoring and Evaluation Board, Kuvempu University, Jnanasahyadri, Shankaraghatta-577451, Shivamogga.
23. Participated in one day National conference on “Diverse Faces of Nationalism: Past, Present and Future” held on 6<sup>th</sup> and 7<sup>th</sup> September 2019 Organized by the Dept. of English & IQAC of Government First Grade College Shimoga and Government First Grade College for Women, Shimoga
  24. Participated in one day multidisciplinary National conference on “Contemporary Socio-Economic & Political Issues and Challenges in India” held on 4<sup>th</sup> Marc 2020 Organized by Department of Social Sciences Government First Grade College Shimoga.
  25. Participated in the webinar session on “Aspects of Environmental Science” through Zoom meet during may 2020 organized by ELEMENT CONSULTANCY SERVICES, PUNE in Association with THE INDIAN VIEWS.
  26. Attended one week National Level Online Multidisciplinary Faculty Development Program on “IMPACT OF COVID-19 ON HEIGHER EDUCATION AND SOCIETY” held from 27<sup>th</sup> May to 2<sup>nd</sup> June 2020. Organized by Government First Grade College Hosakote-562114, Bengaluru® District.(Cer.SI.#498)
  27. Attended one week National level online Multi-disciplinary Faculty Development program on “CHALLENGES BEFORE HEIGHER EDUCATION SYSTEM DURING COVID-19 PANDEMIC” held from 8<sup>th</sup> June to 14<sup>th</sup> June 2020. Organized by Government First Grade College & PG Centre Bapujinagar, Shivamogga.
  28. Participated in E-Quiz on Environmental Microbiology jointly organized by the Department of Biotechnology and Department of Environmental Science of this college with the score of 65/100.(Certificate ID:EM1916)
  29. Participated in the International Webinar on “COVID-19:Challenges and Opportunities for Sustainable Environmental Development” on 05-07-2020, on the occasion of world Environment Day. Organized by Department of Environmental Science, AKS University, Satna in association with The National Academy of Sciences, India-Bhopal Chapter, The Academy of Environmental Biology & the Society of Life Sciences.(Certificate ID:Y05EZI-CE002080).

30. Participated and presented a paper entitled “Solution Combustion synthesis of BaCaO<sub>2</sub> nanoscale metal oxide and photocatalysis of Acridine Orange dye” in the international Conference on Advanced Material Science and Applications (Online) Organized by the Department of Physics and IQAC of Ramaiah Institute of Technology (Autonomous Institute, Affiliated to VTU) Bangalore, India during 3-4 September, 2020.
31. Participated and presented a paper entitled “Photodegradation of Acridine orange, a basic dye by using synthesized Barium Calcite Nanoparticles” international conference NSEST-2020 & ECSIRM-2020, Organized by The Electrochemical society of India, IISC. Campus, Bengaluru & Dept. Of Inorganic & Physical chemistry, IISC, Bengaluru.
32. Participated and presented a research paper entitled “Photocatalytic Effect of Nano BaO on Brilliant green-a Cationic dye” at the International Conference on Material Science and Manufacturing Engineering (ICMSME-2021) held at Department of Mechanical Engineering, Sri Shakthi Institute of Engineering and Technology, L&T Bypass, Coimbatore India on 10<sup>th</sup>-11<sup>th</sup>, December 2021.
33. Attended One day National seminar on “*ENVIRONMENT AND HEALTH*” Organized by Dept. of P.G. Studies and Research in Environmental Science, Jnana Sahyadri, Shankaraghatta on 29<sup>th</sup> March, 2022.

#### **PARTICIPATION IN ORIENTATION/REFRESHER/ TRAINING PROGRAMMES:**

1. Participated in UGC sponsored Orientation program organized by the UGC- Academic Staff College, Banaras Hindu University, Varanasi from 04-03-2010 to 31-03-2010 and has obtained A grade.
2. Participated in College teachers training program organized by Department of Collegiate education at Sharavathi Govt. First Grade College, Konandur from 8th May, 2011 to 14th May, 2011.
3. Participated in UGC sponsored Refresher Course in Life Science organized by the UGC-HRDC, University of Kerala from 25-6-2015 to 15-7-2015 and the grade awarded is ‘A’
4. Participated in UGC sponsored Refresher Course in Climate change and Environmental Studies, Organized by UGC-HRDC, University of Rajasthan, Jaipur from 8<sup>th</sup> October to 27<sup>th</sup> October 2018 and the grade awarded is “A”.

5. Attended and actively participated in 8 days LIFE SKILLS TRAINING program organized by DCE, NIMHANS, from 25<sup>th</sup> to 31<sup>st</sup> August 2019.
6. Participated in UGC sponsored Refresher Course in Environmental Science, Organized by UGC-HRDC, University of Goa, from 7 to 27<sup>th</sup> January 2020 and the grade awarded is “A”.

### **SPECIAL LECTURES DELIVERED:**

1. As Resource person delivered a special lecture on “*Parisara Jagruthi*” organized by Sahyadri Science College at Tunga High School, Vidyanagar, Shimoga.
2. As Resource person delivered special lecture on “*Environmental Pollution and Control*” at NSS camp Sannivasa Horabylu, Shivamogga taluk. Organized by GFGC Ayanur, Shivamogga, on 02-03-2016
3. As Resource person delivered special lecture on “*Green auditing*” at GFGC, Hosamane, Bhadravathi on 15-02-2016.
4. As Resource person delivered special lecture on “*Environmental pollution*” at GFGC, Hosamane, Bhadravathi on 20-03-2018
5. Participated as a resource person in the webinar on “*Conservation of Energy Week*” Organized by Ministry of Information and Broadcasting Field Outreach bureau, Shivamogga in Collaboration with Government First Grade College Davanagere on 17-12-2020.
6. As a Resource person delivered special lecture on “*Water conservation measures*” organized by Nehru Yuva Kendra, Shimoga and Eco-club GFGC Shimoga on 01/03/2021
7. As a resource person delivered lecture on *Social media and students* in orientation for First year students of BSc and BCA organized by IQAC GFGC Shivamogga.
8. Delivered a special lecture on “*importance of celebration of Children day*” Organized by Ministry of Information and Broadcasting Field Outreach bureau, Shivamogga in Collaboration with Government First Grade women College, Shivamogga on 15-11-2021.

### **ACADEMIC AND ADMINISTRATIVE ACTIVITIES**

1. Worked as **member for Board Of Examiner (BOE)** in Environmental Science for under graduate level, Kuvempu University from 2012 to 2022



2. Worked as **External member for Board of Examiner (BOE)** in Environmental Science for under graduate level, **Gulbarga University** from 2017 to 2020
3. Worked as **External member for Board of Examiner (BOE)** in Environmental Science for under graduate level, **Bengaluru North University, Bengaluru** from 2017 to 2022
4. Worked as **member of Board of Examiner (BOE)** in Environmental Science for under graduate level, **Sahyadri Science College (Autonomous)** during the Academic year 2013 - 2014, 2016-17.
5. Worked as **Chairman of Board of Examiner (BOE)** in Environmental Science for under Graduate level, Kuvempu University during the academic year 2014-15, 2016-17, 2018-19.
6. Worked as member of **Board Of Studies (BOS)** in Environmental Science for under graduate level, Kuvempu University during 2017-2021
7. Worked as **Board of Appointing Examiners (BOAE)** in Environmental Science for under graduate level, Kuvempu University during 2013, 2014, 2016, 2017, 2018, 2019.
8. Worked as **Evaluator** for evaluating Environmental Science/Environmental Studies theory papers conducted by Kuvempu University, Regular Degree Program and Directorate of Distance Education.
9. Worked as Evaluator for Environmental Science papers for **Karnataka Public Service Commission (KPSC) at Udyoga Soudha, Bangalore.**
10. Worked as a paper setter of Environmental Science subject for **Karnataka Public Service Commission (KPSC) at Udyoga Soudha, Bangalore (A, B and C grade MCQ Papers)** in the year 2018, 2019, 2020, 2021.
11. Working as Evaluator for Environmental Science theory papers for **Sahyadri Science College (Autonomous).**
12. **Worked as external lab Examiner for BS.c Environmental Science practical Examination for Sahyadri Science College (Autonomous).**

## LIST OF PUBLICATIONS :

1. Nagendra Naik K., Yogendra K. and Mahadevan K.M., *Solution Combustion Synthesis of BaCaO<sub>2</sub> Nanoscale metal oxide and Photocatalysis of Methyl Violet 10B Dye*, Journal of Critical Reviews. 2020, ISSN-2394-5125, Vol. 7, Issue 04, P.N-2259-2265
2. Nagendra Naik K., Yogendra K. and Mahadevan K.M., *Solar light Induced Photo degradation of Brilliant Green Dye by Barium Calcite (BaCaO<sub>2</sub>) Nanoparticles*, Nature Environment and Pollution Technology. 2020, P-ISSN:0972-6268, E-ISSN: 2395-3454, Vol.19, Issue 4, P.N-421-426.

## PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL CONFERENCES

1. Participated and presented a poster presentation on the topic ***“Ethno-Veterinary study of Lambani Community in Shivamogga District”*** in national level silver jubilee symposium on Biodiversity and sustainability: present problems and future prospects held on March 5<sup>th</sup> and 6<sup>th</sup>, 2012 at Department of Applied Botany, Kuvempu University, Shivamogga, Karnataka.
2. Participated as a delegate and presented a paper entitled ***“Synthesis and application of BaO nano-particles for the photocatalytic decolorization of Methyl Violet 10 B”*** in the International conference on Global Environmental challenges human health and sustainable development organized by ESDA Delhi in Association with JNU Delhi, Metropolitan University-USA, CSIR-NEERI-Delhi during 11 to 13 January, 2019.
3. Participated and presented a poster presentation titled ***“Synthesis and application of BaCaO<sub>2</sub> nano-particles for the photocatalytic decolorization of Methyl Violet 10 B”*** in the National Environmental Innovation summit organized by Dept. of studies and Research in Environmental Science, Tumkur University during 29<sup>th</sup> and 30<sup>th</sup> April, 2019.

4. Participated and presented a paper entitled “*Solution Combustion synthesis of BaCaO<sub>2</sub> nanoscale metal oxide and photocatalysis of Acridine Orange dye*” in the international Conference on Advanced Material Science and Applications (Online) Organized by the Department of Physics and IQAC of Ramaiah Institute of Technology (Autonomous Institute, Affiliated to VTU) Bangalore, India during 3-4 September, 2020.
  
5. Participated and presented a paper entitled “Photodegradation of Acridine orange, a basic dye by using synthesized Barium Calcite Nanoparticles” international conference NSEST-2020 & ECSIRM-2020, Organized by The Electrochemical society of India, IISC. Campus, Bengaluru & Dept. Of Inorganic & Physical chemistry, IISC, Bengaluru.
  
6. Participated and presented a research paper entitled “Photocatalytic Effect of Nano BaO on Brilliant green-a Cationic dye” at the International Conference on Material Science and Manufacturing Engineering (ICMSME-2021) held at Department of Mechanical Engineering, Sri Shakthi Institute of Engineering and Technology, L&T Bypass, Coimbatore India on 10<sup>th</sup> - 11<sup>th</sup>, December 2021.