

***Curriculum Vitae***  
**KIRTIMALA R. GOPAL**  
***Ph.D., M.Sc., MS-CIT***

***Kirtimala R. Gopal***

E-mail: [drkgnk@gmail.com](mailto:drkgnk@gmail.com) ,kirtigopalkumar@gmail.com

**EDUCATION**

1991---1994	DOCTOR OF PHILOSOPHY Department of Botany Institute of Science R.T.Road, Civil Lines, Nagpur – 440001 (M.S.) India  Thesis Title: “Herbicidal Effects on Cytomorphology of Weed <i>Medicago sativa</i> ” Linn.
Fellowship:	Maharashtra State Government, India
1989---1991	Master of Science in Botany Department of Botany Institute of Science R.T.Road, Civil Lines, Nagpur – 440001 (M.S.), India
1986--- 1989	Bachelor of Science Institute of Science R.T.Road, Civil Lines, Nagpur – 440001 (M.S.), India
2001	MS-CIT

.

## **PROFESSIONAL EXPERIENCE**

### **Associate Professor**

Department of Botany  
Institute of Science  
R.T.Road, Civil Lines,  
Nagpur – 440001 (M.S.) India

#### **Courses Taught:**

- General Biology
- Cell Biology
- Plant Anatomy
- Plant Physiology
- Ecology
- Phycology and Hydrobiology
- Genetics and Cytogenetics
- Reproductive Biology of Angiosperms
- Did research in *Cytomorphology, Cytogenetics*.
- Recognized supervisor and guide for Ph.D. Students in RTM Nagpur University, Nagpur, India

## **MEMBERSHIPS**

- Member of AASCON. (Alumni Association of Institute of Science, Nagpur Chapter)
- Life Member of Indian Aerobiological Society
- Life Member of Indian Women Scientist's Association

## **PUBLICATIONS**

Total 16 Publications in national and International Journals.:

- Herbicidal Effect on Seed Germination and Early Seedling Growth of Weed *Medicago sativa*, L. International Conference, Amravati, India- Feb. 2005.
- Effect of Herbicides on Cytology of Weed *Medicago sativa* L. International Conference, Amravati, India-Feb. 2005.
- Herbicidal Effect on Pollen Germination and Pollen tube length in *Medicago sativa* L. Indian Science Congress Jaipur, India – 1994.
- Spray Application of Weedicides on Weed *Medicago sativa* L. Indian Science Congress, Goa, India – 1993.

Effect of graded level of nitrogen and phosphorus on yield, quality and total uptake of calendula	R.S.Nagmote, ommala D Kuchanwar, N.K.Chopde, Padmaja H Kausadikar, kirtimala R Gopal, and P A Panghate	Botany	INTERNATIONAL JOURNAL OF CHEMICAL STUDIES ICS 2020; 8( @	2020	1680-1682 P- ISSN:2349-8528, E- ISSN:2321-4902
Effect of graded level of nitrogen and phosphorus on yield of calendula and fertility status of soil after harvest of calendula	R.S.Nagmote, ommala D Kuchanwar, N.K.Chopde, Padmaja H Kausadikar, kirtimala R Gopal, and P A Panghate	Botany	JOURNAL OF PHARMACOGNOSY AND PHYTOCHEMISTRY Vol.9 (3):794-799	2020	794-796 E- ISSN:2278-4136, P ISSN: 2349-8234
Dynamics of different organic inputs on fertility status, biological properties of soil, yield and quality of crops under certified organic farms in Nagpur district of Maharashtra	P A Panghate, ommala D Kuchanwar, P H Kausadikar, A R Pimple, kirtimala R Gopal and R S Nagmote	Botany	INTERNATIONAL JOURNAL OF CHEMICAL STUDIES ICS 2020; 8 (3):2336-2340	2020	P ISSN:2349-8528, E- ISSN: 2321-4902
Dynamics of organic inputs on Physico-chemical properties of soil under certified organic farms in Nagpur district	P A Panghate, ommala D Kuchanwar, P H Kausadikar, A R Pimple, kirtimala R Gopal and R S Nagmote	Botany	JOURNAL OF PHARMACOGNOSY AND PHYTOCHEMISTRY 2020 Vol.9 (3):1395-1400	2020	E ISSN: 2278-4136, P-ISSN: 2349-8234
Impact of organic inputs on fertility status of soil under certified organic farms in Nagpur district	U V Thawale, O D.Kuchanwar, N Chopde, K D Bhoyar, P H Kausadikar, T.K .Nakade, N Mairan and kirtimala R.Gopal	Botany	INTERNATIONAL JOURNAL OF CHEMICAL STUDIES ICS 2021; 9 (3) :14-18	2021	P- ISSN:2349-8528, E- ISSN: 2321-4902

IMpact of organic inputs on Physico-chemical properties of soil under certified organic farms in Nagpur district	U V Thawale,O D.Kuchanwar,N Chopde,K D Bhoyar,P H Kausadikar,T.K .Nakade,N Mairan and kirtimala R.Gopal	<b>Botany</b>	JOURNAL OF PHARMACOGNOSY AND PHYOCHEMISTRY 2021;10(3): 453-456	2021	P- ISSN;2278-4136, E- ISSN; 2349-8234
		<b>Botany</b>		2017	

- 1) ACF -----Spitting kills campaign ---April-May 2020.
- 2) One week FDP ---Annasaheb Gundewar College ,Nagpur. 26.5.2020 to 30.5.2020.
- 3) 05 Day free online workshop on E-content by Universal Teachers Academy ,Puducheery,India. 01 July to 05 July 2020.
- 4) FDP---PMMMNM TT,Delhi. MANAGING ONLINE CLASSES AND CO-CREATING MOOCS 3.0. JULY 25-AUGUST 10,2020.
- 5) FDP---PMMMNM TT,Delhi. ICT BASED NEW PARADIGMS OF E-TEACHING AND E-LEARNING : DIGITAL PEDAGOGY FROM SEPTEMBER 15-SEPTEMBER 30, 2020.
- 6) ONE Day National level webinar----EMERGING TRENDS IN MEDICINE AND HEALTHCARE. 16 AUGUST 2020. Gondwana University Gadchiroli.
- 7) ONE DAY NATIONAL SEMINARON BIOFERTILIZERS: A POTENTIAL APPROACH FOR SUSTAINABLE AGRICULTURE DEVELOPMENT. 15 DECEMBER 2020. ORGANISED BY POST-GRADUATE DEPARTMENT OF BOTANY. J.M.PATEL ARTS,COMMERCE AND SCIENCE COLLEGE, BHANDARA.

## **PARTICIPATED and ATTENDED COURSES**

- Orientation Course Grade A and delivered Seminar, submitted Assignment and Project held at Academic Staff College, in 2005 R.T.M Nagpur University, Nagpur.

***Curriculum Vitae***  
**Kirtimala R. Gopal**

- The Refresher Course in Life Sciences- delivered Seminar and submitted Project Grade A held at Academic Staff College, in 2003, R.T.M Nagpur University, Nagpur.
- The Refresher Course in Life Sciences- delivered Seminar and submitted Project held at Academic Staff College, R.T.M Nagpur University, Nagpur in 2000.

## **PARTICIPATED and ATTENDED SEMINARS, SYMPOSIUMS, CONFERENCES AT STATE LEVEL, NATIONAL LEVEL AND INTERNATIONAL LEVEL**

March 01, 2009	National Seminar on "Ethnobotany", organized by M.B.Patel College of Arts,Commerce & Science, Sakoli, India.
Jan 2009	National Conference on Recent Trends in Biosciences, organized by Institute of Science,Nagpur.
Jan 7-9, 2008	National Conference on "Biodiversity, Conservation and Sustainable Department", P.G. Department, R.T.M. Nagpur University, Nagpur.
Jan 4-5, 2008	National Conference on "Biodiversity and Environment: Problems and Solutions" held at Shivaji Science College, Nagpur.
Oct 7, 2007	Seminar on "Researches in Institute of Science, Nagpur: Retrospects and Prospects", held at Institute of Science, Nagpur.
Oct 6, 2007	DST and ICMR Sponsored National Seminar on "Green Treasure: An Interdisciplinary approach. Prospects and Promises for Human Welfare – Herbotech" held at Dharampeth Science College, Nagpur.
Jan 5-6, 2007	National Conference on "Emerging Trends in Medical Plants and their Biotechnological Advances", held at Dr. Ambedkar College, Nagpur.
Jan 1-2, 2006	National Conference on "Recent Trends in Estimation and optimization Theory and Applications", at Department of Statistics, Institute of Science, Nagpur.

- Feb17-20, 2005 International Conference on “Modern Trends in Plant Sciences with Special Reference to the Role of Biodiversity in Conservation”, held at Amravati.
- Jan 31<sup>st</sup> – Feb 2, 2005 “13th National Conference on Aerobiology” held at Institute of Science, Nagpur.

***Curriculum Vitae***  
**Kirtimala R. Gopal**

- Jan 28-29 2003 National Conference on “Recent Advances in Botany”., held at J. M. Patel College Bhandara.
- Dec 20, 2002 State level Seminar on “Currents Trends in Biochemistry”. Organized by Department of Biochemistry, 20th, at Dr. Ambedkar College, Nagpur.
- Nov 16-19, 2002. XVIII National Symposium on “Recent Trends in Life Sciences with Special Reference to wild life and Conservation”, held in Amravati.
- Oct 29-30, 2002 Symposium on “Major Plant Diseases and their Management”, held at CICR, Nagpur.
- Aug 9-10, 2002 National Seminar on “Awareness if Biodiversity for Acclimatizable Environment 21st Century”, at J.B. College of Science, Wardha.
- Jan 2002 State level Symposium on “Applications of Genetic Engineering” Sponsored by UGC – 06, Dr. Ambedkar College, Nagpur.

**PARTICIPATED and ATTENDED IN WORKSHOPS**

- March 27-28, 2008 Workshop “Fermentation Technology” Jointly organized by Global Biotech Forum, RGBC & Navin Process Systems, Pune, at Rajiv Gandhi Biotechnology Centre, R.T.M. Nagpur University, Nagpur,
- Sept 11, 2004 “Quantitative Biology and ITS Relevance in Biotechnology” organized by at Laxminarayan Institute of Technology, in Nagpur.
- Feb 17-18, 2003 “Electronic, Herbarium and Digital Database Preparation”, National Training Workshop Sponsored by UGC and DAE – BRNS and organized by Department of Botany Institute of Science, Mumbai.
- Jan 4, 2003 “Mathematical Concepts and Computer in Chemistry” held at Institute of Science, Nagpur.
- Sept 28, 2002 “Teaching Botany Practicals in the Framework of UGC guidelines : A New Approach”, held at Institute of Science, Nagpur.

***Curriculum Vitae***  
**Kirtimala R. Gopal**

**MAJOR COMMITTEE ASSIGNMENTS**

- Worked as Joint Secretary in National Conference on Recent Trends in Biosciences held at Institute of Science, January, 2009.
- Committee Member for National Conference on Biodiversity, Conservation and Sustainable Development – Jan 7th to 9th 2008. On Department of Botany, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur - 440033 India.
- Worked as polling officer in election duty, 2007-08.
- Worked as officer in charge -- in B. Ed Entrance Examination -2007.
- Worked as officer in charge -- in B. Ed. Entrance Examination -2006.
- Worked as preceding officer in election duty, 2005-06.
- Worked as member Executive committee 13th National Aerobiology Conference held at Institute of Science, Nagpur, India.
- Worked as professor in charge of And Cultural Forum.
- Worked as member in coordinating committee of National conference on Biodiversity, Conservation and Sustainable Development.
- Worked as member in various committees of Institute of Science Nagpur
- Worked as member in M.SC. (Post Graduate) admission committee.
- Worked as member in B.SC (Under Graduate) admission committee.
- Worked as member of N.S.S.
- Worked as Professor in charge in Various Committees of Annual Social Gathering.
- Worked as member of literary And Cultural Forum.
- Attended Symposiums, Seminars, Conferences at State, National and International Level.