

Curriculum Vitae

- a) Name : Dr. Chetna Ugale
b) Designation : Assistant Professor
c) Date of Birth : 04/03/1985
d) Department : Department of Botany
e) Institution : Indira Mahavidyalaya Kalamb
District Yavatmal 445401
f) Education : M.Sc. (Botany), M.Phil. Ph.D.
g) Teaching experience : 4 year UG
h) Address for correspondence : Department of Botany
Indira Mahavidyalaya, Kalamb
Dist. Yavatmal 445401
i) Contact Number : +919405528512
j) E-mail ID : ugale.chetna@gmail.com
k) Blog : <https://chetnaugale.wordpress.com/>
l) Area of professional interest : Pollen biology, Environmental chemistry,
Palynology, Pollination ecology



m) Carrier profile

Employer	Designation	Job responsibilities
Principal, Indira Mahavidyalaya Kalamb (03/01/2017-till date)	i. Assistant Professor L10	Teaching to B.Sc.
	ii. SWAYAM mentor	Awareness of e-learning, to the students, mentoring the enrolled students, Consultancy and SWAYAM information center.

n) Degrees conferred

Sr. N.	Degree Held	Name of Institution / University	Aggregate score	Year of Award of Degree	Specialization
1.	B. Sc.	J.B. College of science Wardha R.T.M. Nagpur University, Nagpur	71.70%	2006	Chemistry, Botany and Zoology
2.	M.Sc.	Postgraduate Department of Botany, R.T.M. Nagpur University, Nagpur	74.10%	2008	Botany
3.	M.Phil	Postgraduate Department of Botany, R.T.M. Nagpur University, Nagpur	72.00 %	2009	Botany
4.	Ph.D	Department of Botany, Sant Gadge Baba Amravati University, Amravati.	-	2015	Botany

(f) Ph.D thesis title, Guide's Name, Institute/Organization/University, Year of Award.

Title : An assessment of impact of heavy metals on pollen structure and function

Supervisor: Prof. J. A. Tidke

Institute : Department of Botany, Sant Gadge Baba Amravati University, Amravati (Registration No. SGBAU/Ph.D./BOT-4641/2011), Year of Award: Notification 25/2015, Dt. 07/05/2015.

Award/Achievements:

- Achieved 1st runner up in for the poster entitled “Diversity of insect pollinator in *Celosia argentia* L. from Jawhar” ‘In National Symposium cum Workshop on: "Science & Technology for - Sustainable Wildlife Management, Biodiversity and Ecosystems in India", organised by J. D. Patil Sangludkar Mahavidyalaya Daryapur Dist. Amravati (M.S.) at Melghat during 4-7 December 2017.
- Achieved Rank 1st in Health Science for the project entitled - Pollen as an Anti-Solar Agent: A New Tread to Palynopharmacology. In “ANVESHAN” “AIU Central Zone Student Research Convention 2012-13” Organised by Association of Indian Universities, New Delhi and Hosted By KIIT Bhubaneswar during 10-12 February 2013.
- Represent Sant Gadge Baba Amravati University, Amravati for State Level Interuniversity Research Convention 2012-13 “AVISHKAR” in Pure Science category at Dr. BabasahebSawantKonkanKrishiVidyapith, Dapoli during 7-9 January 2013.
- Received second prize for the presentation of research paper entitled “Effect of Heavy Metals on *In Vitro* Pollen Germination and Tube Elongation” in ‘National Congress: Innervate 2012 Stepping up with Bio scientific Technologies’ organised by Jankidevi Bajaj College of Science Wardha on 27-28 January 2012.
- Dr. T. G. Kawalkar Research Scholarship base on merit for the session 2011-2013, Department of Botany, Sant Gadge Baba Amravati University, Amravati 444 602 (MS), India.
- Best paper award for the research paper entitled “Phytochemical Screening and Antimicrobial Activity of *Spilanthes calva* DC against Oral Microflora”, presented at XXXII all India Annual conference of Indian Botanical Society and International Symposium on ‘Diversity of Plants and Microbes: Present Scenario’ held on 28-30 Dec. 2009 at Kuvempu University, Shankargatta, Karnataka.

Publications:

Patent

- Korekar, G., **Ugale C.** & Kumar, A. (2020). Pollen based bioadsorbent preparation and removal of heavy metals from water. File application No. 202021003467

Research Paper

- Korekar, G., Kumar, A. & **Ugale, C.** (2019). Occurrence, fate, persistence and remediation of caffeine: a review. Environ Sci Pollut Res doi:10.1007/s11356-019-06998-8. Online at <https://doi.org/10.1007/s11356-019-06998-8>
- **Chetna V. Ugale** and Tidake J. A. (2017). Analysis of secondary metabolites in *T. argentea* pollen by GC-MS. International Journal of Applied Research 3(3S): 172-174. <http://www.allresearchjournal.com/archives/?year=2017&vol=3&issue=3S&part=F&ArticleId=3331>

- **Chetna V. Ugale** and Suradkar K. P. (2017). Upcoming issues for NAAC and its possible recommendations. In the proceeding (ISBN No. 978-93-5268-073-3) of State level seminar on 'Facing to NAAC' organized by I.Q.A.C. Indira Mahavidyalaya Kalamb and SGBAU Marathi Pradhyapakparishad on 25 February 2017, 66-68.
- Suradkar K. P. and **Chetna V. Ugale** (2017). Role of NAAC in quality improvement of higher education. In the proceeding (ISBN No. 978-93-5268-073-3) of State level seminar on 'Facing to NAAC' organized by I.Q.A.C. Indira Mahavidyalaya Kalamb and SGBAU Marathi Pradhyapakparishad on 25 February 2017, 69-70.
- **Chetna V. Ugale**, Warghat A. R., Phate P. V. and Wagh P. (2011). Callus Induction Studies in *PsophocarpusTetragonolobus* (L.) *International Journal of Pharmaceutical Sciences Review and Research* 11(2), 30-32. Available online at www.globalresearchonline.net
- **Chetna V. Ugale** and Chaturvedi, A. (2010) Phytochemical Screening and Antimicrobial Activity of *Spilanthescalva* DC against Oral Microflora. *The Journal of Indian Botanical Society* 89(3&4), 364-367.
- **Chetna V. Ugale** (2010) *In vitro* activity of three medicinal plants to control the growth of opportunistic bacteria causing oral diseases. In conference proceeding of "Golden jubilee national symposium on Plant Diversity Utilization and Management", at University of Kerala, Thiruvananthapuram.

Books/Chapter in Book:

- **Chetna Ugale** (2019). Pollen: An application in environmental monitoring and biomedical sciences. In Emergent Trends in Science and Technology, Think Tank Publications, Solapur pp 120-128.

Paper presented in Conference/ Symposia/Workshop/Seminar:

- **Chetna V. Ugale** and Tidake J. A. (2019). Physiological dynamics of *Datura innoxia* Mill. pollen in Amravati city of Central India. In 21 st National Conference On Aerobiology organised by Indian Aerobiological Society and Department of Botany, Visva-Bharati, Santiniketan, West Bengal during November 18-20, 2019.
- **Chetna V. Ugale and** Tidake J. A. (2018). Effect of air pollution on *Tabebuia argentea* (Bur. And Schum.) Pollen. XX National Conference On Aerobiology-2018, organized by Department of Botany in collaboration with Indian Aerobiological Society during 29-31 January 2018.
- **Chetna V. Ugale**, and Tidake J. A. (2017). Diversity of insect pollinator in *Celosia argentia* L. from Jawhar. In National Symposium cum Workshop on- Science & Technology for-Sustainable Wildlife Management, Biodiversity & Ecosystems in India, organized by J. D. Patil Sangludkar Mahavidyalaya, Daryapur in collaboration with Indian Science Congress Association, Kolkata, Amravati Chapter and Satpuda Foundation, Amravati during 3-5 December, 2017.

- **Chetna V. Ugale**, and Tidake J. A. (2017). Analysis of secondary metabolites in *T. argentea* pollen by GC-MS. National Conference on Recent Advances and Opportunities in Biological Sciences-2017 Organized by Department of Zoology and Botany, Late Pundalikrao Gawali Arts and Science Mahavidyalaya, Shirpur (Jain) Taluka- Malegaon.
- **Chetna V. Ugale** and Suradkar K. P. (2017). Upcoming issues for NAAC and its possible recommendations. In the State level seminar on 'Facing to NAAC' organized by I.Q.A.C. Indira Mahavidyalaya Kalamb and SGBAU Marathi Pradhyaapakparishad on 25 February 2017.
- **Chetna V. Ugale** and Tidke J. A. Pollen as an Anti-Solar Agent: A New Tread to Palynopharmacology. In "ANVESHAN-2013" AIU Student Research Convention 2012-13 Organized by Association of Indian Universities, New Delhi and Hosted By Tata Institute of Social Sciences, Mumbai during 20-22 March 2013.
- **Chetna V. Ugale** and Tidke J. A. Pollen as an Anti-Solar Agent: A New Tread to Palynopharmacology. In "ANVESHAN" "AIU Central Zone Student Research Convention 2012-13" Organised by Association of Indian Universities, New Delhi and Hosted By KIIT, Bhubaneswar during 10-12 February 2013.
- **Chetna V. Ugale** and Tidke J. A. Pollen as an Anti-Solar Agent: A New Tread to Palynopharmacology. In "AVISHKAR" state Level Interuniversity Research Convention 2012-13 in Pure Science category at Dr. Babasaheb Sawant Konkan Krishi Vidyapith, Dapoli, Ratnagiri during 7-9 January 2013.
- **Chetna V. Ugale** and Tidke J. A. (2012). Pollen as an antisolar agent: a new tread to palynopharmacology. In 17th National Conference of Indian aerobiological society on Impact of Airborne microbes jointly organized by Indian Aerobiological Society and MAEER's Arts, Commerce and Science college Pune during the period 13-15 December 2012.
- **Chetna V. Ugale** and Tidke J. A. (2012). Active biomonitoring of heavy metal by pollen. In international symposium and XXII annual conference of Indian association for angiosperm taxonomy on innovative prospects in angiosperm taxonomy (ISIPAT-2012) organized by Department of Botany, Sant Gadge Baba Amravati University, Amravati during the period 28-30 October 2012.
- **Chetna V. Ugale** and Tidke J. A. (2012). Effect of heavy metal on *in vitro* pollen germination and tube elongation. In 'National Congress: Innervate 2012 Stepping up with Bio scientific Technologies' organised by Jankidevi Bajaj College of Science Wardha on 27-28 January 2012. Abstract Book, pp 08.
- **Chetna V. Ugale** (2011). Protocol for identification of adulterants of *Glycyrrhizaglabra* and *Abrus precatorius*. In XXXIII Conference of Indian Botanical society and International Symposium on the New Horizons of Botany organized by department of Botany Shivaji University, Kolhapur, during 10-12 November 2010.

- **Chetna V. Ugale**(2010).*In vitro* activity of three medicinal plants to control the growth of opportunistic bacteria causing oral diseases.Inconference “Golden jubilee national symposium on Plant Diversity Utilization and Management”, may 27-29, 2010 at University of Kerala, Thiruvananthapuram.
- **Chetna V. Ugale**and Chaturvedi, A. (2010) Phytochemical Screening and Antimicrobial Activity of *Spilanthes calva* DC against Oral Microflora. XXXII all India Annual conference of Indian Botanical Society and International Symposium on ‘Diversity of Plants and Microbes: Present Scenario’ held on 28-30 Dec. 2009 at Kuvempu University, Shankargatta, Karnataka.

Attended workshops and training program:

- STEM Teacher training workshop on Research-Based Pedagogical Tool RBPT (Level 1) organised by MHRDC and IISER Pune in collaboration with DBT and British Council at Jaipur Rajasthan held from 28th September 2018- 1st October 2018.
- “NABI Computational Biology Workshop” Organized by National Agri-Food Biotechnology institute (NABI), Mohali on 12- 14 March 2018.
- National workshop on “Science & Technology for-Sustainable Wildlife Management, Biodiversity & Ecosystems in India” organized by J. D. Patil Sangludkar Mahavidyalaya, Daryapur in collaboration with Indian Science Congress Association, Kolkata, Amravati Chapter, Amravati on 3-5 December, 2017.
- “NAAC Accreditation Awareness Workshop” organized by IQAC, Sant Gadge Baba Amravati University Amravati and Shri Shivaji Science college, Amravati on 23rd November 2017.
- “Capacity Building Initiative-Teachers Training Program” Organized by Sant Gadge Baba Amravati University and G. H. Rasoni Academy For Human Excellence on 14-15 July 2012.
- Research Technique through managing and analyzing data using SPSS organized by Statistical institute and research lab Amravati during 10-20 Oct.2011.
- ‘Women Entrepreneurship Program:Challenges and Opportunities’ organized by NRDC New Delhi in coordination with RTM Nagpur University on 16 March 2009.
- “One Day Workshop on People’s Biodiversity Register” organized by PGTD of Botany and BCUD RTM Nagpur University, Nagpur on 26th Oct. 2007.

Guest lectures/Invited talk:

- Guest lecture at Chetna Education Society's Wardha on the topic “career option in B.Sc. After HSC” on 24th May 2019.
- Guest lecture at Mahatma Jyotiba Fule Commerce and Science Mahavidyalaya Bhatkuli Dist. Amravati on the topic Biodiversity and Conservation on 16 October 2018

Dissertation Completed:

1. **M. Phil.** ‘Phytochemical Screening, *in vitro* activity and Pharmacognosy of few Medicinal Plants on Oral microflora.’ Dissertation submitted for the partial fulfillment of M. Phil. examination,

under the supervision of Dr. (Mrs.) AlkaChaturvedi, Professor and Head, P.G.T.D. of Botany, Campus, RTM Nagpur University, Nagpur.

2. **M.Sc.** 'Plant Tissue culture in *Psophocarpustetragonolobus* (L.)DC' under the guidance of Dr. A.D. Choudhary, Director BCUD, RTM Nagpur University, Nagpur, for the fulfillment of the practical in special paper of 'Molecular Biology and Plant Biotechnology' during M.Sc.II.

Community Services:

- Organized blood donation camp.
- Participate in tree plantation and environment awareness programs.

Other Activities:

- Editor, Journal of Ecoscience and Technology
- Life member of Indian Botanical Society (IBS)
- Life member of Indian Aerobiological Society (IAS)

Declaration: I hereby declare that the above written particulars are true to the best of my knowledge and belief.

DATE:

PLACE: Kalamb

Chetna V. Ugale

Reference:

Prof. J. A. Tidke

Professor and Head, Dept. Of Botany, Sant Gadge Baba Amravati University,
Amravati 444 602 (MS), India.

Tel. +91 8975807600

E-mail.-jaikirantidke@rediffmail.com