

# Curriculum Vitae



**Name:** Nagendra Kumar Chandrawanshi  
**Date of Birth:** July 11, 1984  
**Status:** Married  
**Designation:** Assistant Professor  
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## Academic Records:

**1) Ph.D. Biotechnology** (2014): from S.o.S in Biotechnology; Pt. Ravishankar Shukla University, Raipur (C.G.)

*Title of the Thesis:* **Micropropagation of an Endangered Medicinal Plant Glory Lily (*Gloriosa superba* L.).**

**2) M. Phil. Biotechnology** (2009): **76.67 %** from S.o.S in Biotechnology; Pt. Ravishankar Shukla University, Raipur.

*Title of the Dissertation:* **Studies of the Minimum Inhibitory Concentration (MIC) of *Penicillium* species.**

**3) M.Sc. Biotechnology** (2008): **67.71 %** from S.o.S in Biotechnology; Pt. Ravishankar Shukla University, Raipur.

*Title of the Project:* **Production and effect of antibiotic by certain species of *Penicillium* fungi.**

## Academic Qualification:

1. CGSET (Life Science); 2013
2. GATE (Biotechnology); 2012
3. UGC-NET- JRF ; (June) 2009

### Positions Held:

1. Assistant Professor, School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur, November 8<sup>th</sup> 2012 - till date.
2. Senior Research Fellow, School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur (C.G.), May 1<sup>st</sup> 2012 –November 7<sup>th</sup> 2012.
3. Contractual Lecturer, School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur (C.G.), 29<sup>th</sup> July, 2010– April, 2011.
4. Junior Research Fellow, School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur (C.G.), May 1<sup>st</sup> 2010- April 30<sup>th</sup> 2012.
5. Contractual Lecturer, School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur (C.G.), November 3<sup>rd</sup> 2009 – April 30 2010.
6. Research Scholar, School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur (C.G.), July 2009 – October 2009.

### Honors/Award:

1. **International Travel Grant** received from UGC Unassigned Travel Grant, for oral paper presentation at 7th International Science Congress (ISC-2017)”, Chukka, Bhutan. (Ref: 2767/Grant Cell/Order/2018, dated 12/02/2018).
2. **UGC JRF** (Junior Research Fellowship, May 1, 2010, to April 30, 2012) awarded by University Grant Commission (UGC) New Delhi.
3. **UGC SRF** (Senior Research Fellowship, May 01, 2012 to November 7, 2012) awarded by University Grant Commission (UGC) New Delhi.
4. **Rajiv Gandhi National Fellowship (Doctoral fellowship)** 2010-2011 awarded by University Grant Commission (UGC) New Delhi.
5. **N.C.C. (National Cadet Corps) Merit Sahara India Scholarship** for the year 2004-05 awarded by Sahara India Pariwar.
6. **Gopilal Lohiya Gold Medal** for merit in B.Sc.-III Biology (2005-06) awarded by Govt. Digvijay Postgraduate College, Rajnandgaon (Chhattisgarh).
7. **Girajashankar Sharma Gold Medal** for Merit in B.Sc.-I Biology (2003-04) awarded by Govt. Digvijay Postgraduate College, Rajnandgaon (Chhattisgarh).

### Other Qualification:

N.C.C. (Army Wing, B and C) Certificate with “B” grade.

### **Teaching Experience:**

UG teaching: 2 years (2010-12).

PG teaching: more than 06 years (2010 - till date)

#### ***Dealt/ Dealing with:***

Cell Biology	M. Sc. Biotechnology (2011 - 2012)
Molecular Biology	M.Sc. Biotechnology (2010-till date)
Animal Biotechnology	M. Sc. Biotechnology (2013 – till date)
Biology of Immune System	M. Sc. Biotechnology (2011-till date)
Genetics	M.Sc. Biotechnology (2014- till date)
Bio-molecules	M. Sc. Biotechnology (2015)

**Research experience:** I have achieved 7 year research experienced from M.Sc. (2008) to till date.

### **Member in Academic Bodies:**

1. Member, Board of Studies in Biotechnology, Pt. RSU, Raipur (2014-till date)
2. Member, Board of Central Studies in Biotechnology, Higher Education Department, CG. (2017-till date)

### **Life Membership of Scientific Society**

- 1.The Indian Science Congress Association, Kolkata, India (September, 2016).
2. The Indian Aerobiological Society (Regd.), India, Reg.no.: S/32742/81-82. (January 29, 2018).

### **Administrative Responsibility:**

- 1.Secretary, Staff Council, SoS in Biotechnology, Pt. RSU, Raipur (2014 –till date)
- 2.Secretary, Alumni Association of Biotechnology, SoS in Biotechnology, Pt. RSU, Raipur (2014 –till date)
- 3.Assistant Coordinator, Central Valuation Unit, Pt. RSU, Raipur (2016)
- 4.Assistant Coordinator, Digital Valuation Unit, Pt. RSU, Raipur (February, 2017)
- 5.Assistant Coordinator, Central Valuation Unit, Pt. RSU, Raipur (October,2018)

### **Member in Professional Bodies:**

- 1.Alumni association, School of Studies in Biotechnology, Pt. RSU, Raipur (2011-till date)
- 2.Secretary, Alumni association, School of Studies in Biotechnology, Pt. RSU, Raipur (October, 2014)
- 3.Teachers Association, Pt. RSU, Raipur (2012- till date)

## Research Guidance:

### M. Sc. Dissertation:

S.N.	Name of the Student	Session	Dissertation Title
1	Mr. Devendra Kumar Tandiya	2016	Nutraceutical Properties Evaluation of Some Polypore Mushrooms
2	Ms. Mausmi Dhangar	2017	Evaluation of Antioxidant Properties of Polar and Non-Polar Solvents Extract of Wild Mushroom

## Grant Support Received:

Project Title	Funding Agency	Sanctioned Amount (INR in Lakhs)	Duration
Morphological, Biochemical and Molecular Characterization of poisonous and nonpoisonous mushroom	CCOST, Raipur	3.60=00	2015-17

## TRAINING

SN	Training Program	Place	Place/ Agency	Duration
1	Short-term course in “Developing the Communication Skills”	Human Resource Development Center, Pt. Ravishankar Shukla University, Raipur CG	UGC-Human Resource Development Center, Pt. Ravishankar Shukla University, Raipur CG	01 weeks: 22.12.2018 - 27.12.2018
2	Workshop on Personality Development	International Science Community Association	International Science Community Association www.isca.in	06 Days 05.08.2018 - 10.08.2018
3	The Importance of technical terminology in writing of Academic book (शैक्षणिक पुस्तक के लेखन में तकनीकी शब्दावली का महत्व)	Chhattisgarh Rajya Hindi Granth Academy, Raipur	Commission for Scientific and Technical Terminology, Govt. of India	02 Days 20.01.2018- 21.01.2018
4	“Cancer Health Disparity” Short Term Course work, Mentor <b>Manoj K. Mishra, Ph.D.</b> Director, Cancer Biology Research and Training Director, Freshmen BIO Program Associate Professor of Biology Department of Biological Sciences Alabama State University <a href="#">915 S Jackson Street</a> <a href="#">Montgomery AL 36101-0271</a>	Department of Biotechnology, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.) India	Global Initiative For Academic Networks (Gian), association with Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.) India and Ministry of Human Resources Development (MHRD), Govt. of India	05 Days 18.12.2017- 22.12.2017

5	The STEM Teacher Training Workshop on Research Based Pedagogical Tools	Pt. Ravishankar Shukla University, Raipur	Jointly sponsored by DBT, Govt. of India; Newton Bhabha fund of the British Council; Centre of Excellence in Science and Mathematics Education, IISER Pune and Pt. Ravishankar Shukla University, Raipur. [Conducted by a team of experts from the Centre for Science Education, Sheffield Hallam University, UK.]	04 Days 06.10.2017- 09.10.2017
6	Workshop on Statistical Skills	International Science Community Association	International Science Community Association www.isca.in	06 Days 05.08.2017 - 10.08.2017
7	“Special Winter School’ on “Innovation Teaching and Research”	Human Resource Development Center, Pt. Ravishankar Shukla University, Raipur CG	UGC-Human Resource Development Center, Pt. Ravishankar Shukla University, Raipur CG	03 weeks: 12.01.2016 - 01.02.2016
8	The Workshop on Molecular Biology	School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur CG	HiMedia Laboratories Pvt. Ltd. Mumbai, India & School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur CG	02 Days: 30.10.2015- 31.10.2015
9	One-Day Workshop-Cum-Training on SYSTAT 13	Human Resource Development Center, Pt. Ravishankar Shukla University, Raipur CG	IQAC, Pt. Ravishankar Shukla University, Raipur CG	01 Day 27.08.2015
10	Orientation Program under the theme “Quality of Higher Education : Learning Process”	Human Resource Development Center, Pt. Ravishankar Shukla University, Raipur CG	UGC-Human Resource Development Center, Pt. Ravishankar Shukla University, Raipur CG	04 weeks: 03.06.2015- 30.06.2015
11	National Workshop on “Operation and Maintenance of Laboratory Equipment’s”	School of Studies in Electronics & Photonics, Pt. Ravishankar Shukla University, Raipur	School of Studies in Electronics & Photonics, Pt. Ravishankar Shukla University, Raipur, & Western Regional Instrumentation Centre, Mumbai, India,	05 Days 19.01.2015- 23.01.2015
12	The Workshop on Molecular Biology	School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur CG	HiMedia Laboratories Pvt. Ltd. Mumbai, India & School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur CG	02 Days: 13.10.2014- 14.10.2014
13	Workshop/Short Term Course on “E-Learning”	Academic Staff College, Raipur	Academic Staff College, Pt. Ravishankar Shukla University, Raipur, India	03 Days 28.01.2013- 30.01.2013

14	Scientific/Research Paper Writing	Central Institute of Fisheries Education –CIFE, Mumbai	The National Academy of Sciences, India (NASI)	08.06.2012-10.06.2012
15	4 <sup>th</sup> INSPIRE Internship Program/ Science Conclave: “A Congregation of Nobel Laureates and Eminent Scientists	IIIT-A (Indian Institute of Information Technology, Allahabad)	MHRD-DST initiative at IIIT-A (Indian Institute of Information Technology, Allahabad)	07 Days 26.11.2011-02.12.2011

### Conference/ Symposia Organized:

1. National Conference on Traditional Knowledge and Biotechnology, November 22 - 24, 2013 (Joint Secretary).
2. National Seminar on “Innovations & Prospects in Biotechnology”, January 2-4, 2016 (Joint Secretary)

### Areas of Research Interest:

1. Propagation and conservation of medicinal plants.
2. Mushroom technology and Drug Discovery
3. Biodiversity Conservation
4. Immunomodulation biological Activity of Phyto & Myco bio component

### Guest/Invited Lectures Delivered:

1. Importance of NET & Other JRF Exam. Department of Biotechnology and Zoology, Govt. Digvijay College, Rajnandgaon, February 19, 2016.
2. Delivered lecture on “CSIR NET Life Sciences, Preparation” UGC Coaching Center, Pt. Ravishankar Shukla University Raipur (Chhattisgarh), April 2018.

### Research Publications:

#### *Papers in National and International Journals:*

1. **Chandrawanshi, N. K.**, Tandia, D. K., and Jadhav, S. K. (2018) Determination of Antioxidant and Antidiabetic Activities of Polar Solvent Extracts of *Daedaleopsis confragosa* (Bolton) J. Schröt. *Research J. Pharm. and Tech*; **11(12)**: 5623-5630. {[SCOPUS Indexed Journal](#)} DOI No: 10.5958/0974-360X.2018.01020.X
2. **Chandrawanshi, N. K.**, Tandia, D. K., and Jadhav, S. K. (2017) Nutraceutical Properties Evaluation of *Schizophyllum commune*. *Indian J. Sci. Res.*, 13(2): 57-62.
3. **Chandrawanshi, Nagendra Kumar** (2016) Mushroom Toxins and Human Manifestation. *NewBioWorld*, 1(1):4-7.
4. **Chandrawanshi, N. K.**, S. K. Jadhav, K. L. Tiwari and Quraishi Afaque (2016) Assessment on threatened classification of *Gloriosa superba* L. *Deccan Current Science*. **15(1)**: Pg. 140-150.

5. **Chandrawanshi Nagendra Kumar**, S. K. Jadhav, K. L. Tiwari and Quraishi Afaque (2015) *In vitro* Tuberization and Colchicine Content Analysis of *Gloriosa superba* L. *Biotechnology*, **14(3)**: Pg. 142-147. DOI: [10.3923/biotech.2015.142.147](https://doi.org/10.3923/biotech.2015.142.147). {SCOPUS/Thompson Indexed Journal} [NAAS: National Academy of Agricultural Sciences, IARI, New Delhi, India]
6. **Nagendra K. Chandrawanshi**, K.L. Tiwari, S.K. Jadhav and Afaque Quraishi (2013) Threats Facing by The Critically vulnerable medicinal plant *Gloriosa superba* L. at natural habitat: Major Insect Pest and Human Interference. *Deccan Current Science*. **9(2)**: Pg. 221-228.
7. Tiwari, K.L., Jadhav, S.K. and **Chandrawanshi, N. K.** (2010) Studies of the Minimum Inhibitory Concentration (MIC) of *Penicillium* species. *Deccan Current Science*. **3 (II)**: Pg. 151-154.

#### *Papers in Conference/ Symposia Proceedings:*

1. **N. K. Chandrawanshi**, K. L. Tiwari, A. Quraishi and S. K. Jadhav (2013) Effect of antibacterial activities and comparison the values of two types of Tulsi leaves (*Ocimum*). Published in National Conference Proceeding in Biotechnology and traditional knowledge. Published by Biotech Books, New Delhi (ISBN: 978-81-7622-330-0). Pg. 55-62.
2. **Nagendra Kumar Chandrawanshi** (2017) Strategies, Encounters and tools for Biological Researchers: - through E-content Information Platform. Published in National Workshop on Proceeding in Capacity Building in Higher Education: Use of Library Resources. (ISBN: 978-81-89545-99-4). Pg. 60-66.

#### **Book Chapter:**

1. **Chandrawanshi, Nagendra Kumar** (2016) Traditional Ethnopharmacological Analysis of Traditional Medicinal Systems of Dandakaryana. Published in National Conference Proceeding in Biotechnology and traditional knowledge. Published by Biotech Books, New Delhi (ISBN: 978-81-7622-330-0). Pg. 110-120.

#### **Book Edited:**

1. Jadhav SK, Sahu KK, Quraishi A, Shukla KK & **Chandrawanshi NK** (2014) Biotechnology and traditional knowledge. Biotech Books, New Delhi (ISBN: 978-81-7622-330-0)

**Abstracts Published in National Conferences/ Symposia:**

- (1) **Chandrawanshi, N. K.,** Dhargar, M. and Jadhav, S. K. (2019) Screening of *in vitro* antioxidant activity of polar and non-polar solvent extracts of *Lentinus squarrosulus* (Mont.) Singer. Published on Proceedings of International Conference on Fostering Interdisciplinary Research in Medicines (January 19-21, 2019) University Institute of Pharmacy, Pt. RSU Raipur (C.G.), Paper ID 83, Pg. 67. (Oral Presentation)
- (2) **Chandrawanshi, N. K.,** Tandia, D. K., and Jadhav, S. K. (2018) The Determination of Antibacterial and Antifungal Activities of Some Polypore Mushroom through the Minimum Inhibitory Concentration (MIC) Approach. ISCA-IVC-2018-03BS-008, Souvenir of 5<sup>th</sup> International Virtual Congress. [www.isca.net.co](http://www.isca.net.co), August 5<sup>th</sup> - 10<sup>th</sup>, 2018. Pg. 06-07.(Oral Presentation)
- (3) **Chandrawanshi, Nagendra Kumar** and Jadhav, S. K. (2018) Morphological and Biochemical Characterization of Edible and non-Edible Mushrooms from Jamgaon and Malajkundum forest, District Kanker (C.G.), India. XX National Conference of Aerobiology-2018 in association with Indian Aerobiological Society, Kolkata, theme: Airborne Pollen and Spores: Assessment, Impact and Scope (NCIAS-2018), published on Souvenir cum Abstract Book. Organized by Dept. of Botany, Sant Gadge Baba Amravati University, Amravati (MH) India, (OP-NPSS-4) January 29-31, 2018. Pg. 100-101. (Oral Presentation)
- (4) **Chandrawanshi, Nagendra Kumar,** Tandia, D. K. and Jadhav, S. K. (2017) *In vitro* evaluation of the antioxidant and antidiabetic activity of the polar solvent extract of *Laetiporus sulphureus* (Bull.) Murrill. Souvenir of 7<sup>th</sup> International Science Congress, CST, Royal University of Bhutan, Bhutan, (ISCA-ISC-2017-3BS-06-Oral). December 8<sup>th</sup>-9<sup>th</sup>, 2017. Pg. 42-43. (Oral Presentation)
- (5) **Chandrawanshi, Nagendra Kumar,** Tandia, D. K. and Jadhav, S. K. (2017) *In vitro* evaluation of the antioxidant capacity through DPPH, Reducing Power assay and H<sub>2</sub>O<sub>2</sub> and Phytochemical screening of the polar solvent extract of *Daedaleopsis confragosa* from Charama forest, Chhattisgarh, India. 2<sup>nd</sup> international conference on “Frontiers of Pharmaceutical Science and Research “theme:” Advances in deployment, delivery systems and clinical monitoring of drugs. Organized by Columbia Institute of Pharmacy, “Pharm Sci 2017” Raipur (CIP-IC-2017-NP-RS-043) September 23<sup>th</sup>-24<sup>th</sup>, 2017. Pg. G30. (Poster Presentation)
- (6) **Chandrawanshi Nagendra Kumar** and Jadhav, S. K. (2017) Edibility and Non-Edibility Elucidation Through Morphological and Biochemical Methods for Wild Fleshy and Non-Fleshy Macrofungi from Kahargondi Forest, Kanker District, Chhattisgarh, India. Pg.164-165. International Conference on Bharat Rejuvenation (From Glorious Past to the Modern Era). Hosted by Guru Ghasidas Vishwavidyalaya, Bilaspur, (C.G.) India, in association with Bhartiya Shikshan Mandal Nagpur (M.H.) and in collaboration with All India Council for Technical Education (AICTE), Indira Gandhi National Centre for Arts, Indian Council of Social Science Research (ICSSR), Indian Institutes of Mass Communication and IIM, Raipur. October 15-17, 2017. (Oral Presentation)



- (7) **Chandrawanshi Nagendra Kumar** (2017) Antibacterial effectiveness determination of polar solvents extracts of *Schizophyllum commune*, against pathogen and non-pathogens bacteria in *in vitro* assay system. Souvenir of 4<sup>th</sup> International Virtual Congress. [www.isca.net.co](http://www.isca.net.co), August 5<sup>th</sup> - 10<sup>th</sup>, 2017. Pg. 12. (Oral Presentation)
- (8) **Chandrawanshi Nagendra Kumar**, Tandia, D. K. and Jadhav, S. K. (2017) *In vitro* therapeutic validation of *Daedaleopsis confragosa*. Pg. 79. National Seminar on “ADVANCES IN ENVIRONMENTAL SCIENCE & TECHNOLOGY”, organized by Department of Botany, Govt. Digvijay Autonomous P.G. College, Rajnandgaon, (C.G.), January 23-24, 2017. (Oral Presentation)
- (9) **Chandrawanshi Nagendra Kumar**, Tandia, D. K. and Jadhav, S. K. (2016) Nutraceutical properties evaluation of *Schizophyllum commune*. Pg.33. National Seminar on “Innovations and Entrepreneurship in Biotechnology”, organized by Department of Biotechnology, Guru Ghasidas Vishwavidyalaya, Bilaspur, (C.G.) India, December 26-27. (Oral Presentation)
- (10) **Chandrawanshi Nagendra Kumar**, Jadhav S.K., Tiwari K. L., and Quraishi Afaque (2016) Microtuberization a Novel Techniques for Conservation of Threatened *Gloriosa superba* L.. 3<sup>rd</sup> International Congress of the Society for Ethnopharmacology, India, on “Ethnopharmacology & Evaluation of Medicinal Plants-Global Perspectives”. Organized by The National Centre for Natural Resources (NCNR), Pt. Ravishankar Shukla University, Raipur (C.G.), India and The Society for Ethnopharmacology, India (SFE, India), February 19-21. Published in Peer Reviewed Journal of Ravishankar University, Part –B (Science), 29(1) Special Issues; Pg.69. ISSN 0970-5910. (Oral Presentation)
- (11) **Chandrawanshi Nagendra Kumar**, Jadhav S.K., Tiwari K. L., and Quraishi Afaque (2016) Micropropagation technique developed for endangered medicinal plant of *Gloriosa superba* L.. Pg. 93, National Seminar on “Innovations & Prospects in Biotechnology”, organized by School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur (C.G.), January 2-4. (Oral Presentation)
- (12) **Chandrawanshi Nagendra Kumar**, Tiwari K. L., Jadhav S.K. and Quraishi Afaque (2013) Habitat study of *Gloriosa superba* L. at district of Rajnandgaon forest area. Pg. 54, “National Conference on Traditional Knowledge & Biotechnology” organized by School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur (C.G.), 23-24 November. (Oral Presentation)
- (13) **Nagendra Kumar Chandrawanshi**, K. L. Tiwari, S.K. Jadhav and A. Quraishi (2012) Ecofriendly management of *Gloriosa superba* L. by *Ocimum* herbs against *Polytela gloriosae*. Pg. 32, National Seminar on Changing Environment and its Impact on Biodiversity, sponsored by UCC-CRO, Bhopal and CGCOST, Raipur, 11-12 October. (Oral Presentation)
- (14) **Chandrawanshi, N. K.** (2012) Effect of antibacterial actives and compare the value of two species of Tulsi leaves (*Ocimum*). Pg. 42. 10th C.G. Young Scientist Congress Organized at Sarguja Vishwavidyalaya, Ambikapur, Sponsored By Chhattisgarh Council of Science &

Technology (CCOST), Raipur (Chhattisgarh) during 28th and 29th February. (Oral Presentation)

- (15) Tiwari, K. L., Jadhav, S.K. and **Chandrawanshi, N. K.** (2011) *In vitro* propagation of endangered medicinal plant *Gloriosa superba* L. Pg. 111. National Conference on Advances in Biological Sciences, November 5-7. (Poster Presentation)
- (16) Tiwari, K. L., Jadhav, S.K. and **Chandrawanshi, N.** (2010) Production and effects of antibiotics by some species of *Penicillium*. Pg. 57. 16th National Conference on Aerobiology & National Symposium on Applications of Biotechnology in Environment Management & Medicine held at Bapuji Institute of Engineering and Technology, Davangere, Karnataka during 19th-21st November. (Oral Presentation)
- (17) **Chandrawanshi, N. K.** (2010) Studies of the minimum inhibitory concentration (MIC) of *Penicillium* species. Pg. 77. 8th Chhattisgarh Young Scientist Congress, April 9-10th. Organized by Pt. Ravishankar Shukla University, Raipur. (Oral Presentation)

#### **Brief Review of the Research Contributions:**

My initial research work based on conservation of highly pharmaceutical valued important endangered medical plant of *Gloriosa superba* L. In the sequence, developed in vitro conservation and microtuberization methods for gaining to high valued micro tubers through in vitro approaches, analyzing of colchicine content in different developing stages and achieved significant success rate for in vitro conservation approaches, which is supported for essential steps for conservation of the plants. Persistently, Glory lily is fascinating phytomedicine resources for anticancer drug, world level drug market.

As a faculty of Biotechnology, I comprehend titles dealt, subject alike, Genetics, Molecular Biology, Immunology & Animal Biotechnology in M.Sc. theory as well practical class's in regularly. On the basis of teaching concept, I have developed a numerous aspect for workings with mushroom and conservation of threatening plant species as well as the discovery of drug on especially metabolite, they will be targeted to or properties as anticancerous or antimicrobials potentials, further immunological studies for human health valued; seeking for developing biological tools.

The Chhattisgarh is known as herbal state or hotspot of biodiversity. So, I have decided to work on the screening of such medicinal active bio-component; which has to extract from the plants or mushroom bioresearches. The obtained databases will be very important for selecting to phyto-resources for drug development and validation also. It would be enabling potential bioresource, against to cancer and another human alignment disease.

**Nagendra Kumar Chandrawanshi**  
February, 2019