


CURRICULUM VITAE

Name:	Dr Tara Chandra Ram	
Designation:	Assistant Professor	
School:	Life Sciences	
Department:	Botany	
Specialisation & Research Interests:	Cytogenetics, Phytoremediation, Genomics, Proteomics, Phytochemistry, Genetic improvement in medicinal plants.	
Email ID & Webpage (if any):	tarachandraram@mgcub.ac.in tcbotanybhu@gmail.com	
Mobile No.:	7320920969	

2. ACADEMIC QUALIFICATION (in reverse Chronological order):

Examination Passed	Year	University / Board	Specialisation / Subjects
Ph.D.	2013	Banaras Hindu University, Varanasi (U.P)	Botany
M.Sc.	2007	Banaras Hindu University, Varanasi (U.P)	Botany
B.Sc.(Hons)	2005	Banaras Hindu University,	Botany, Zoology, Chemistry

Examination Passed	Year	University / Board	Specialisation / Subjects
		Varanasi (U.P)	

3. PROFESSIONAL EXPERIENCE:

Position Held	Duration	Organisation/Institute/University
Assistant Professor	9 November 2016 to till date	Mahatma Gandhi Central University, Motihari, Bihar
Assistant Professor	1 November 2015 to 30 October 2016	Babasaheb Bhim Rao Ambedkar Central University, Lucknow, Central University
Assistant Professor	1 October 2013 to 30 April 2015	Indira Gandhi National Tribal University, Amarkantak, M.P.

4. COURSES TAUGHT:

U.G. Courses

1. Bryophytes, Pteridophytes and Gymnosperms
2. Mycology and Plant Pathology
3. Biomolecules and cell biology
4. Anatomy of Angiosperms
5. Plant ecology and phytogeography
6. Plant stress physiology
7. Plant Systematics
8. Plant metabolism
9. Economic Botany and Biotechnology
10. Environmental Science, AECC

P.G. Courses

1. Cytology, Genetics and Genomics
2. Developmental and Reproductive Biology
3. Microbiology and Mycology

M.Phil./ Ph.D. Courses

1. Research Methodology
2. Cytogenetics and Plant Breeding

5. RESEARCH SUPERVISION:

A. Ph.D.:

- | | | |
|------|-----------|-----|
| i. | Awarded | :00 |
| ii. | Submitted | :00 |
| iii. | Ongoing | :01 |

B. M.Phil.:

- | | | |
|------|-----------|------|
| i. | Awarded | :00 |
| ii. | Submitted | :00 |
| iii. | Ongoing | : 01 |

6. CONTRIBUTION TO CORPORATE LIFE OF THE UNIVERSITY:

1. Member of placement cell (2017-2018)
2. Member of horticulture ambience committee (2017 -2018))
3. Member of campus ambience committee (2017-2018)
4. Member medical committee (2017-2018)
5. Member sport committee (2017-2018)
6. Member departmental purchase committee
7. Member Departmental Research committee
8. Member admission committee (GE/MET) 2017
9. Member departmental admission committee
10. Member NSS Committee 2018
11. Member equal opportunity cell 2018

7. MEMBERSHIP OF SOCIETIES / PROFESSIONAL BODIES:

8. PUBLICATIONS:

A. BOOKS/MONOGRAPHS:

B. PAPERS IN REFEREED/PEER REVIEWED JOURNALS:

5

C. RESEARCH PAPERS IN EDITED AND PEER REVIEWED CONFERENCES:

- i. Kumar B, Ram T.C., P. Prasad, Verma M.K, Ram G., Samad. A, Lal R.K., Gupta S., Singh S.C., Sustainable use and conservation of Basil's diversity in upper gangetic plains of Uttar Pradesh. National conference on mainstreaming biodiversity; sustaining people and their livelihoods, Souvenir U.P. state biodiversity board page 100-109.

9. INVITED TALKS:

1. Delivered a talk as invited speaker on the topic “ Key approaches of agriculture’s: to cutting greenhouse gas emissions” in Globabal conference on the control of greenhouse gases at the source by physical and chemical technology held on 22-24 April-2019 at Babasaheb Bhimrao Ambedkar University Lucknow.(Central University).
2. Delivered a talk as invited speaker on the topic“ Chaperon Assisted Protein folding: A key approach for Translational Research” in National conference on Recent trends in Biological Sciences held on 11-12 Nov 2019 organized by P.G. Department of Zoology and Botany M.S. College Motihari Bihar

10. PARTICIPATION IN SEMINARS/SYMPOSIA/WORKSHOPS/CONFERENCES:

- 1. Kumari G., Ram Chandra T., and Roy B.K., Colchicine’s induced polyploidy in some species of Aloe presented poster in national symposium on current challenges in plant sciences: Gene to ecosystem. March 24-25 2009 held at centre of advanced study in Botany, Department of Botany BHU, Varanasi, India
- 2. Attended 2nd International conference on Trends in Cellular and Molecular Biology held on 5-7 Jan, 2008 organized by School of Life Sciences JNU New Delhi, India

- 3. Attended XXXVIII Annual Convention of Indian Society of Agricultural Chemists and National Conference on Soil management for achieving food security and nutritional safety under normal and intensified Agro ecosystems. Held on November 1-2, 2010 organized by Department of soil science and agricultural chemistry, IAS. BHU Varanasi, India.
- 4. Ram Chandra T., and Singh Anand P., Studies on control of meiotic chromosome behaviour in four varieties of *Clitoria ternatea* L. based on seasonal variations oral presentation in XXXVIII conference of Indian Botanical Society and International symposium on the new horizons of Botany. November 10-12, 2010 held at Shivaji University Kolhapur Maharashtra, India
- 5. Ram Chandra T., Singh Divya., and Roy B.K., Biochemical characterization of *Clitoria ternatea* (L) Seeds. Presented in Emerging trends in Plant Sciences march 3-4, 2011 held at centre of advanced study in Botany Department of Botany B.H.U. Varanasi, India
- 6. Ram Chandra T., Kumar L., Singh D., and Kumar V., Effect of oxytocin treated *Lagenaria Siceraria* fruit on some haematological and biochemical parameters in albino rat. Presented poster in national seminar on Environmental concerns and sustainable development; Issues and Challenges for India march 2-4, 2012 held at centre of advanced study in Botany, Department of Botany B.H.U. Varanasi.
- 7. Ram Chandra T., Seasonal and comparative study of variations in the Biochemical composition in different parts of the some varieties of *Clitoria ternatea*. Collected from North India. Presented national symposium on current status and new horizons of ecological sciences and environmental biotechnology, March 1-3, 2013. Held at centre of advanced study in Botany, Department of Botany B.H.U. Varanasi, India
- 8. 4th practical summer training on Chromatography, Molecular Biology and Biophysics held during June 1-9 2011 at Department of Biotechnology VIT-University, Vellore Tamilnadu, India
- 9. Ram Chandra T., and Bijoy Krishna Roy oral presentation International conference on faunal biodiversity and its conservation strategy. Faunal diversity of Achanakmar-Amarkantak biosphere reserve- central highland March 22-23, 2014 University of Lucknow, Lucknow, India
- 10. Ram Chandra T., and Bijoy Krishna Roy poster presentation in national symposium of biological sciences and new frontiers in modern biology on floral and faunal diversity of Achanakmar-Amarkantak biosphere reserve held on 23-24 march 2014 Hari Singh sogour University, India
- 11. Ram Chandra T., and Lokeshwar Kumar., Biochemical and morphological characterization of some varieties of *Clitoria ternatea* L a multipurpose legume collected from Achanakmar-Amarkantak Biosphere Reserve-Central Highland India. Poster presentation in International symposium on Innovations in Horticulture for nutritional security, conserving biodiversity and poverty alleviation held on October 16-18, 2014 organised by Department of Applied

Plant Sciences (Horticulture) School for Biosciences and Biotechnology at Babasaheb Bhimrav Ambedkar University. Vidya Vihar, Rai Bareli Road. Lucknow, India

- 12. Ram Chandra T., and Lokeshwar Kumar Radioisotopes technique to study the kinetics of Na and K Transport in the plant tissues. Oral presentation in Indo-US symposium on Contemporary Issues in Cell Kinetics held on 29-30 october, 2014 organised by School for Biosciences and Biotechnology at Babasaheb Bhimrao Ambedkar University. Vidya Vihar, Rai Bareli Road. Lucknow, India
- 13. Ram Chandra T., and Bijoy Krishna Roy Studies on Diversity of *Clitoria ternatea* L of different parts of India A strategies for Indiginous biodiversity conservation poster presentation in International symposium on Biodiversity: Status, Utilization and impact of Challenging Climatic conditions held on october 30-31, 2014 at Babasaheb Bhimrav Ambedkar University. Vidya Vihar, Rai Bareli Road. Lucknow, India
- 14 Ram Chandra T, Chaperon assisted protein folding: A key approaches in translational research poster presentation in National workshop cum seminar on frontiers in ethnomedicinal research: traditional to translational held on March 9-11 at Indira Gandhi National Tribal University.
- 15. Ram Chandra T, Lead Compounds from Medicinal Plants for the Treatment of Cancer, oral presentation in International conference on updates in cancer prevention and research held on 14-16 feb 2017 at BBAU Lucknow.
- 16. Ram Chandra T, Effect of microbial biomass of plant nutrient in tropical moist deciduous forest and tropical dry deciduous forest of Achanakmar Amarkantak Biosphere Reserve, Madhaya Pradesh, Central Highlands India poster presentation in Conference on evolutionary and integrative biology (CEIB) 2017 held on 21-22 December, 2017 at Indian Institute of Science education and research, Pune.
- 17. Ram Chandra T, Tilling and Ecotilling in tomato: Gene discovery to fruit quality, oral presentation in Indian Science Congress Association held on 16-20 march 2018 at Manipur.
- 18. Ram Chandra T, Role of Indian agriculture's to reduce greenhouse gas emissions, oral presentation in National symposium on recent trends in Chemical Sciences held on 1 march at Mahatma Gandhi Central University.
- 19. Ram Chandra Tara attended workshop on Rajbhasha hindi and typing held on 14-20 september 2017 at Mahatma Gandhi Central University.
- 20. Ram Chandra T., attended workshop on Machine learning and computer vision using MATLAB-2019 from 3-7 April 2019 at Mahatma Gandhi Central University

AWARDS, FELLOWSHIPS & OTHER DISTINCTIONS:

- CSIR-NET JRF (August 2008 to September 2010)
- CSIR SRF (August 2010 to August 2013)
- Agricultural Research Scientist (ARS) NET 2010
- Graduate Aptitude Test (GATE) 2007

• **ANY OTHER SIGNIFICANT INFORMATION:**

- Attended Faculty Induction Programme for teachers in higher education at Dr Harisingh Gaur Vishwavidyalaya, Sagar, MP from 7th Jan. to 5th Feb. 2019.
- Editorial board member of International Journal of Environment and Natural Sciences (ISSN No. 2349-3763).

(Tara Chandra Ram)

Name of the faculty