

Curriculum Vitae



1. **Name** : Dr. Mamta Choudhary
2. **Date of Birth** : Aug 09, 1975
3. **Position held** : Assistant Professor in Botany
4. **Experience** : PG - 12 years,
UG - 16 years
5. **Nationality** : Indian
6. **Department** : College Education, Govt. of Rajasthan
7. **Present Posting** : Assistant Professor (Contractual)
Deptt. of Botany, JDB Govt Girls
College, Kota (Rajasthan) India.
8. **Present Address** : A-29, North Ex Township
Near Sogariya Railway Station Road
Kota Junction, Kota, 324002 (Raj.)
9. **Permanent Address** : A-29, North Ex Township
Near Sogariya Railway Station Road
Kota Junction, Kota, 324002 (Raj.)

10. Academic Qualification

Exam Passed	Subject	Board/Univ.	Div	Year
Ph.D.	Studies on Growth and Physiology of Medicinally important plants of Rajasthan	University of Rajasthan Jaipur.	-	2003
M.Sc.	Botany	Univ. of Raj.	I	1999
B.Sc.	Biology	Univ. of Raj.	I	1997
XII	Science Biology	RBSE Ajmer	II	1993
X	All Subjects	RBSE Ajmer	I	1991

11. Publications (Paper/Chapter)

11.1 In International Journals (9)

- (i) Choudhary M. and A. Kumar, 2001, Ayurvedic crude drugs for cure of diseases of the digestive system. *Int. J. Mendel*, Vol. 18 (1-2), 27-28.
- (ii) Choudhary M. and A. Kumar, 2002. Ayurvedic crude drugs for cure of diarrhoea and dysentery. *Int. J. Mendel*, Vol. 19(3), 107-108.
- (iii) Choudhary M. and K. Singh, 2009. Effect of plant growth regulators on seed germination and seedling growth characteristics of *Plantago ovata* forsk. *Jour. Pl. Sci. Res.* Vol.-25 (1), 45-47.
- (iv) Choudhary M., 2009, Anatomical studies of various plant organs of *Plantago ovata* forsk. *Jour Pl. Sci. Res.* Vol. 25(1), 67-68
- (v) Choudhary M. 2009. Studies on impact of plant growth regulators on swelling factor, husk recovery percent and husk yield of *Plantago ovata* forsk. *Jour. Pl. Sci. Res.* Vol. 25(1), 89-90.
- (vi) Choudhary M., 2009. Effect of growth regulators on chlorophyll, total sugars and proteins of *Plantago ovata* forsk. *Jour Pl. Sci. Res.* Vol. 25(2), 199-200
- (vii) Choudhary M. 2010. Impact of commercial fertilizers on growth, biomass and yield of *plantago ovata* forsk. *Jour. Pl. Sci. Res.* Vol. 26(1). 105-106.
- (viii) Nayak and Choudhary, 2018. Ecological Economics: A Survey on Valuation of Ecosystem Services of Mukundara National Park. *IJRAR* December 2018, Vol. 5, Issue 12.

- (ix) Nayak and Choudhary, 2019. Carbon Sequestration by the selected tree species in Mukundara National Park. IJRAR January 2019, Vol. 6, Issue 01.

11.2 In National Journals (2)

- (i) Choudhary M. And A. Kumar, 2003. Effect of growth regulators and fertilizers in improving growth and productivity of isabgol (*Plantago ovata*). Proceeding of first NIM on medicinal and aromatic plants. CIMAP Lucknow PP 173.
- (ii) Choudhary M. 2009. Stress physiological studies on seed germination and seedling growth of plantago ovata forsk. Indian J. Applied & Pure Bio. Vol. 24(2), 325-327.

12. Books (Reference Book/Edited Book/Text Book)

12.1 International Book (1)

- (i) Studies on growth and physiology of medicinal plants: Plantago spp. 2011 Lap Lambert Academic publishing GmbH & Co KG, Germany. I SBN-978-3-8465-5513-2. 184 pp.

12.2 International / National Book Chapter (3)

- (i) Kumar A., A. Rani and M. Choudhary (2022) Anaerobic Digestion for climate change Mitigation : A Review. IN : Arora S., A. KUMAR, S. Ogita and Y.Y. Yau. Biotechnological Innovations for Bioremediation. Springer, Switzerland.
- (ii) Mamta Choudhary, Santosh Sharma and J.B. Khan Survey of biodiversity at Darrah Wild Life Sanctuary in Hadoti Plateau. Kota (Raj.), Biodiversity Management and conservation 2011, Lap Lambert Academic Publishing, Germany, ISBN-978-3-659-00229-8, 231 pp.

- (iii) Kumar A., M. Choudhary and Sharda (2022) caught between covid-19 and climate change Crisis : A review in : MS. L. Gulabchandani(eds) "Human Environment Interactions: The way People affect the environment".National Publisher New Delhi-2022.

12.3 National Text Book (2)

- (i) Botany - To The Point 2021-22. Delta Print House, Jaipur, Rajasthan. ISBN - 978 - 81 - 953220-1-5
- (ii) Botany - To The Point for Degree Students, 2022. Delta Print House, Jaipur, Rajasthan. ISBN (applied)

13. Webinar Attended (14)

- (i) International Webinar on "Enhancing the upbringing of Learning in Technical Education with Digital Platform for Conductive outcome" organised by Directorate of Technical Education, Rajasthan, Jaipur on 24th May, 2020.
- (ii) International Webinar on world Environment Day "Time for Nature" organised by Knimbus Institute on 5th June 2020.
- (iii) National Webinar on "Environmental Issues and opportunities after covid-19" organised by Govt. College, Rajgarh (Alwar) on 14th June, 2020.
- (iv) International webinar on "Global Environmental Challenges, Bio-diversity, Principles of Guru Jambheshwar Ji" and Remedies organised by Guru Jambheshwar Paryavaran Sanrakshan Shodhpeeth and JNVL, Jodhpur on 3rd June to 5th June 2020.

- (v) International webinar on "Covid-19 : Challenges and Perspectives"
Organised by Digvijaynath P.G. College, Gorakhpur on 3rd June, 2020.
- (vi) National Webinar on Issues and Opportunities in nature and wild
life conservation "organised by career point university, Kota on 1st
Oct, 2020.
- (vii) National Webinar on career and Happiness" organised by Vidhya
Bhawan Rural Institute, Udaipur (Raj.) on 20th June 2020.
- (viii) International webinar on "Predictive Microbiology in Food Safety
'Organised by National Institute of Food Technology Entrepreneurship
and management on 27th June 2020.
- (ix) National Webinar on "Sustainable Utilization of Herbal Resources :
Conservation & Challenges" organised by Govt. College, Bundi on
2nd September, 2020.
- (x) International E-Seminar on Recent Advancement in Environmental
Research for Sustainable Development" organised by JDB Govt.
Girls College, Kota on 28th Oct. 2020.
- (xi) National E-Seminar on "Environmental Ethics : conservation and
sustainable Development" organised by Govt. College, Kota (Raj.)
- (xii) National E-Seminar on "NAAC accreditation Process". opportunities
and challenges: organised by JDB Govt. Girls College, Kota on 09
November 2020.
- (xiii) International "E-Conference on Management of Forest and Wildlife
Under Changing Climate Scenario". organised by JDB Govt. Girls
College on 19-20 November, 2020.

(xiv) National "E-Seminar on "Intellectual Property Rights" organised by IPR Cell and Govt. College, Kota on 21st Nov. 2020.

14. Members of Academic bodies

(i) Life Member of Indian Botanical Society.

15. Faculty Development Programme / Refresher Course/ Work shop (6)

(i) Refresher Course (online) on "Redefining Rejuvenating & Reskilling Biotechnology Bio-Science Teaching & Research. Organised by UGC-HRDC, JNV University, Jodhpur Rajasthan on 17 January - 31 January 2022.

(ii) Faculty Development Program on "Research Methodology" organised by JDB Govt. Girls College, Kota on 1st December to 3rd December 2021.

(iii) Workshop on International Vulture Awareness Day. JDB Govt. Girls P.G. College, Kota sponsored by DST 1st September, 2012.

(iv) Workshop on Research Methodology, organised by JDB Govt Girls P.G. College, Kota. 11th-13th January, 2011.

(v) Workshop on "Maintenance of Opto-Analytical Instruments" organised by JDB Govt. Girls P.G. College, Kota on 17th January - 20th January, 2011.

(vi) Entrepreneurship workshop on Entrepreneurial opportunities in plant science organised by JDB Govt Girls PG College, Kota sponsored by DST 15th-17th November, 2010

16. Conference / Seminar Attended (09)

- (i) National symposium on Advances in Microbial and Industrial Biotechnology prospects & Problems, 15th - 16th March, 2002.
- (ii) National Interactive Meet on "Scope and opportunities in the Research and Business of Medicinal and Aromatic Plants CIMAP, Lucknow. 17th - 18th May, 2002
- (iii) National Symposium on Plant Biotechnolory Role in Sustainable Development. Deptt. of Botony University of Rajasthan. 17th - 19th Feb., 2003
- (iv) National Seminar on Biotechnology in sustainable Agriculture and Environmental Management. Deptt of Botany University of Rajasthan, Jaipur 7th & 8th Nov. 2008.
- (v) National Seminar on "Biotechnology : A Tool for Biodiversity Conservation Gov. College Kota 11th-12th December, 2009.
- (vi) International Conference on "Folk and Herbal Medicine: Mohanlal Sukhadia University, Udaipur 25th - 27th November, 2010.
- (vii) National Seminar on Science for Shaping the future of India. Centre for converging Technologies Univ. of Rajasthan Jaipur 6th-7th October 2012.
- (viii) National Seminar on Innovative Approaches in Biosciences, Kanoria PG Mahila Mahavidhyalaya, Jaipur 15th-16th December, 2017
- (ix) National Symposium on Global Environmental Challenges: Present Scenario, Deptt of Botany University of Rajasthan 21st January, 2017.

16.1 Paper/Poster Presentation in Conferences: (5)

- (i) Poster presentation on Improving growth and productivity of Isabgol (Plantago ovata) NIM on medicinal and aromatic plants, CIMAP Lucknow UJ.P. 17th - 18th May 2002.
- (ii) Poster presentation on studies of Medicinally important plants of Rajasthan. International Conference on Folk and Herbal Medicine Deptt. of Botany MLS University Udaipur, 25-27 Jan. 2018
- (iii) Poster presentation on survey of Flora and Fauna in Darrah Wild Life Sanctuary of Hadoti Plateu on National symposium on Global Environmental Challenges. Present Scenario. Dept of Botany, University of Rajasthan 21st Jan. 2017.
- (iv) Poster presentation on Ecosystem services of Mukundara National Park of Kota Division. National Seminar on Innovative approaches in Biosciences, organised by Kanoria PG Mahila Mahavidyalaya, Jaipur. Securing III position in poster presentation.
- (v) Paper presentation on Eco tourism in special reference to Mukundra hill tiger reserve in Kota District. International E-conference on current research in biodiversity, Environment and Plant Resources. 25th - 26th Nov., 2020.