

Dr. (Mrs.) Deepa Srivastava

Assistant Professor
Department of Botany
D.D.U.Gorakhpur University
Gorakhpur-273009
Contact No: 9984468918



Assistant Professor
Department of Botany
D.D.U.Gorakhpur University

29 April 2018-Continuing

University Grant Commission (UGC)

UGC Post-doctoral fellowship for Women's

17 May 2014 – 28 April 2018

Research Topic: Extraction of Arctigenin, a plant lignan for treatment of Japanese Encephalitis

Ph. D., D.D.U Gorakhpur University, Gorakhpur

Year 2004-Year 2007

Topic: Studies on viral diseases on some medicinal plants with special reference to Catharanthus roseus

Worked as CSIR, JRF and SRF in NBRI, Lucknow

Year 2002-2004

Qualified CSIR, NET JRF

Year 2001

Post-Graduation, D.D.U. Gorakhpur University

Year 1999-2001

M.Sc., Botany, Scored 71%

Graduation, D.D.U. Gorakhpur University

Year 1995-1999

B.S.c, Botany, Zoology, Chemistry, Scored 74%

Intermediate, Uttar Pradesh Board

Year 1994-1995

Hindi, English, Physics, Chemistry, Biology. Scored 75%

High School, Uttar Pradesh Board

Year 1992-1993

Hindi, English, Maths, Science, Social Studies. Scored 75%

Paper Published in Peer Reviewed Journal: 32

Full Paper in Conference Proceeding: 8

Book: 8

Chapter in Book: 14

Paper presented in conference: 60 (International 20, National 40)

As Resource person/ Invited lecture:	8
Reviewer editorial board:	2
Fellow member Academic bodies:	2
Life member of Academic body:	9
Workshops/short term course:	15
Orientation Course	1
Refresher Course	3
Patent	1

Academic Awards:

1. Teachers day Award 2021 for contribution in teaching and Research in Higher education by DDU Gorakhpur University
2. Teachers day Award 2022 for outstanding contribution in teaching and Research in the field of Higher education by DDU Gorakhpur University

ORIENTATION COURSE:

1. Participated in **Refresher Course (Two weeks) in “Life Sciences and Biotechnology” from 6th December to 19th December 2023, organized by UGC-Malviya Mission Teacher Training centre (UGC-MMTTC (RC-26).Hosted by Doctor Harisingh Gour Vishwavidyalaya, (A central University) Sagar-470003 (M.P.) and secured A+ grade**
2. **Participated in PDP training Programme, UGC approved National Training on NEP-2020, implementation organized by IGNOU,under SWYAM platform, from October 27 till November 5, 2022, and Secured A+ Grade**
3. **Participated in One Week Professional Development Programme for Faculties in Higher Education: New Perspective of Teaching, Learning and Research from 23rd June 2021 till 29th June 2021, Organized by UGC-Human Resource Development Centre, DDU Gorakhpur University, Gorakhpur and ICT Cell, DDU Gorakhpur University, Gorakhpur.**
4. **Participated in “AICTE sponsored FDP on “Responsibility of Higher education institutionunder AICTE in implementing sustainable development Goals” from 31.3.2021 till 17.4.2021.” Organized by Sai Ram Institute of Technology, Chennai-60004” and secured A+ Grade.**
5. **Attended “Refresher Course in Environmental Sciences”from10th October 2020 to 23rd October 2020, organized by UGC-Human Resource Development Centre, D.D.U. Gorakhpur University, Gorakhpur, and secured A grade.**

6. Attended **Orientation Course** from **13th July 2019 to 2nd August 2019**, organized by **UGC-Human Resource Development Centre, D.D.U. Gorakhpur University, Gorakhpur**, and secured **A grade**.
7. Participated in **ICMR Training on Biomedical and Health Research Ethics & GCP guideline** held on **21st and 22nd January 2020** at BRD Medical College Gorakhpur.
8. Participated in **Short Term Course in MOOCs, e-content development and Open Educational Resources**, Organised by **UGC-Human Resource Development Centre** from **21st -27th September 2018**

ADMINISTRATIVE ACTIVITY:

1. **Hostel Superintendent "Alakhnanda Girls Hostel" DDU Gorakhpur University, Gorakhpur** from **16th October 2023** till date
2. **Organizing Secretary** of **National Conference on Plants and Microbes: Progress, Potential and Future (PMPPF-2023)** held on **30th September 2023** organized by **Department of Botany, D. D. U. Gorakhpur University, Gorakhpur** in association with the **Microbiologist's Society, India (MBSI)** and the **Avishka Council of Industrial and Applied Biosciences (ACIAB)** .
3. **Chairperson** of **DDU Sports Council Team of Chess (Women)** from **29.09.2023**, letter No:968/S.P./2023, dated 04/10/ 2023
4. **Member of Admission Committee 2023-2024 of M.Sc. Microbiology admission committee**
5. **Member of Admission committee 2023-2024 of B.Sc. Bio Group Admission Committee of DDU Gorakhpur University, Gorakhpur**
6. **Worked as Assistant Centre Superintendent (ACS)/Assistant Convener** for **" Evaluation of Exam copies (Science Faculty) year 2023** from **15th May 2023** till date.
7. **Member of Admission Committee 2022-2023 of M.Sc. Microbiology admission committee**
8. **Member of Admission committee 2022-2023 of B.Sc. Bio Group Admission Committee of DDU Gorakhpur University, Gorakhpur**
9. **Member of Flying Squad for annual examination 2021, Letter No. representing University** from **22.01.2022**
10. **Member of Admission Committee 2021-2022 of M.Sc. 1st year Microbiology admission committee**
11. **Member of Admission committee 2021-2022 of B.Sc. 1st year Bio Group Admission Committee of DDU Gorakhpur University, Gorakhpur**
12. **Member of core IT Group of IQAC** from **29 August 2021**
13. **Member of Flying Squad for annual examination 2021, Letter No. 3484/P.N.K./2021** representing **University** from **28.7.2021**
14. **Member of steering Committee of NAAC** from **29 August 2021**
15. **Chairperson of DDU Sports Council Team of Kabadi (Women)** from **19.08.2021**, letter No:566/S.P./2021, dated 19/08/ 2021
16. **Hostel Superintendent "Alakhnanda Girls Hostel" DDU Gorakhpur University, Gorakhpur** from **16th August 2021** till date

17. **Organizing Secretary of 7 days online workshop on “Recent Trends in Plant Sciences”, held from 2nd July 2021 to 8th July 2021, organized by Department of Botany, DDU Gorakhpur University, Gorakhpur.**
18. **Co-convener of Alumni Meet of Department of Botany, organized by Department of Botany DDU Gorakhpur University, Gorakhpur on 7th April 2021.**
19. **Worked as ACS (Assistant Centre Superintendent from 8th March 2021 till 17th March 2021 (Semester Examination)**
20. **Organizing Secretary of National Webinar cum Seminar on “Motivation and Innovation Programme for Science students” held on 1st March 2021 sponsored by DST, hosted by Department of Botany, DDU Gorakhpur University, Gorakhpur.**
21. **Organizing Secretary of National Webinar cum Seminar on “Motivation and Innovation Programme for Science students” held on 1st February 2021 sponsored by DST, hosted by Department of Botany, DDU Gorakhpur University, Gorakhpur.**
22. **Member of ITC cell, DDU Gorakhpur University, Gorakhpur from 17.12.2020**
23. **Co-Coordinator in “Special Groups for Development” in National Webinar Cum Seminar on Sustainable Development of Poorvanchal, Issues, Strategies and Way forward” held on 10-12 December 2020**
24. **Technical Coordinator in “Special Session on Khelo India” in National Webinar Cum Seminar on Sustainable Development of Poorvanchal, Issues, Strategies and Way forward” held on 12 December 2020.**
25. **Technical Coordinator in “Special Session on Entrepreneurship” on 12th Dec 2020 in National Webinar cum seminar on Sustainable Development of Poorvanchal, Issues, Strategies and Way forward” held on 12 December 2020**
26. **Chairperson of DDU Sports Council Team of Badminton (Women)from 10.07.2020, letter No:1032/S.P./2020, dated 14/07 2020**
27. **Organizing Secretary in National Workshop on “Research Ethics and Plagiarism” organized by Department of Botany, DDU Gorakhpur University, Gorakhpur on 24th June 2020**
28. **Organizing Secretary in International Webinar on “Herbal alternatives and Complementary medicine” organized by Department of Botany, DDU Gorakhpur University, Gorakhpur on 22nd June 2020**
29. **Organizing Secretary in International Workshop on “Motivation for Happy lifestyle” organized by Department of Botany, DDU Gorakhpur University, Gorakhpur on 20th June 2020**
30. **Organizing Secretary in National Webinar on COVID-19 AND TRADITIONAL MEDICINE organized by Department of Botany, DDU Gorakhpur University, Gorakhpur on 6th June 2020**
31. **Organizing Secretary in National Webinar on “Time for Nature” Biodiversity-a concern that is both urgent and existential, Organized by Department of Botany, DDU Gorakhpur University, Gorakhpur on World environment Day, June 5,2020**
32. **Organizing Secretary in National Webinar on “Medicinal and Aromatic Plants for Boosting Immunity in the era of COVID-19, organized by Department of Botany, DDU Gorakhpur University, Gorakhpur on 29th May 2020**
33. **Worked as “Organizing Secretary” in Motivation and Innovation Programmes for Science Students, sponsored by National Council for Science and Technology Communication Division, Department of Science and Technology (NCSTC-DST), New Delhi from December 16-20, 2019, organized by Department of Botany, DDU**

Gorakhpur University in collaboration with Prema Education Sr. Secondary School, Menhdawal, Sant Kabir Nagar.

34. Worked as “**Organizing Secretary**” in “**Motivation and Innovation Programmes for Science Students**” Sponsored by NCSTC-DST, Government of India, from **24th August to 28th August, 2019**, hosted by Department of Botany, D.D.U. Gorakhpur University, Gorakhpur.
35. **Joint-Organising Secretary** in **National Seminar** on “**Plant viruses and Researches in Plant Sciences**” on **1-2 November, 2018** organized by Department of Botany, D.D.U. Gorakhpur University, Gorakhpur.
36. **Joint-Organising Secretary** in “**Birth Centenary of Prof K.S.Bhargava**” organised by Department of Botany, D.D.U. Gorakhpur University, Gorakhpur on **1-2, November 2018**
37. **Joint-Organising Secretary** in “**Alumni meet of Botany Department**” hosted by Department of Botany, D.D.U. Gorakhpur University, Gorakhpur on **1-2, November 2018**

Academic Responsibilities

1. Member of committee for “**Centre for Excellence**” in Departmental Research, Department of Botany, DDU Gorakhpur University, Gorakhpur
2. Member of **Departmental Research Committee**, Department of Botany, DDU Gorakhpur University, Gorakhpur
3. Member of **Board of Studies in session 2019-2020**.

Dissertation Students

S.No	Name of Student	Title of Dissertation work	Year of Registration	Year of Degree Award
1	Shikha Singh	Probiotics as Nutraceuticals	2020	2021
2	Arunima	Lactobacillus as Probiotics (Nutraceutical biomolecules)	2020	2021
3	Kajol	Microbial Enzymes	2020	2021
4	Ayushi Mishra	Fungicides	2020	2021
5	Nusrat Parveen	Rust of Wheat	2020	2021
6	Gudiya Singh	Downy mildew of Cucurbits	2020	2021
7	Suman Chaudhary	Anthracnose diseases of Papaya	2021	2022
8	Samra Khan	Pre-harvest diseases of Mango in India	2021	2022
9	Akanksha Gupta	Post-harvest diseases of Papaya in India	2021	2022
10	Sakshi Kumari	Post-harvest diseases of Mango in India	2021	2022
11	Anurag Pandey	Mango Anthracnose caused by <i>Colletotrichum gloeosporioides</i>	2021	2022
12	Meena Tiwari	Post-harvest disease of Oranges	2021	2022
13	Shalini Singh (Micro)	Isolation of Microbes from landfill soil of Gorakhpur	2021	2022

14	Tannu Srivastava (Micro)	Isolation of soil microbes from Botanical Garden of Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur	2021	2022
15	Ragini Chauhan (Micro)	Isolation of microorganisms from wheat agriculture soil of Gorakhpur	2021	2022
16	Kriti Mishra (Micro)	Isolation of Microbes from barren soil of Gorakhpur	2021	2022
17	Sunidhi Singh	Role of Beta Glucans as Prebiotics	2021	2022
18	Shweta Singh	Role of Lactulose as Prebiotic	2021	2022
19	Anjali Paswan	Resistant Starch as Prebiotics	2021	2022
20	Anshu Kumari	Functional and therapeutic potential of inulin	2022	2023
21	Isha Choudhary	Study of medicinal trends of lactulose as a prebiotics	2022	2023
22	Jyoti Kumari	Study of Health Properties of Resistant Starch	2022	2023
23	Arjita Dubey	Isolation and identification of fungi from agricultural soil	2022	2023
24	Shraddha Singh	Isolation, identifications, and characterization of storage seed fungi in chickpea	2022	2023
25	Shweta Tiwari	Isolation of Fungi causing post-harvest spoilage of orange	2022	2023
26	Shivangi ojha	Isolation of endophytic fungi from leaves of Tulsi	2022	2023
27	Supriya Yadav	Isolation of Fungi from Chilli	2022	2023
28	Neha Paswan	Histopathological study of Fungal disease Cabbage.	2023	2024
29	Saumya Tripathi	Evaluation of <i>Trichoderma aggressivum f.europaeum</i> as a Potential Biological Control agent against Fungal Phytopathogens	2023	2024
30	Pradyumn Narayan	Identification of Basidiomycetes reported in University campus, Gorakhpur University	2023	2024
31	Anchal Gupta	Role of <i>Pleurotus ostreatus</i> in Mycoremediation of Plastic	2023	2024

Ph. Research Students Guidance

Name of Candidate	Title of Thesis	Date of Registration	Date of Degree Award
Shivangi Sahgal	Anitmicrobial Spectrum of noxious weed <i>Ipomoea cairica</i> L. (Sweet)	1.9.19	
Neha Rauniyar	Studies on viral diseases of some medicinal plants of genus <i>Ipomoea</i> with special reference to <i>Ipomoea cairica</i> L. (Sweet)	16.10.2019	
Jitendra Kumar Kushwaha	Identification and Characterization of virus infecting <i>Capsicum annum</i> L. in Kushinagar District, U.P., India	21.10.2019	
Manisha Mishra	Studies on Medicinal Properties of Edible Basidiomycetes with special reference to <i>Volvariella volvacea</i> (Bull.) Singer	21.10.2019	

Project Students

S.No	Name of Student	Topic of Project	Year of registration	Year of Degree Award
M.Sc. 1st Sem Project				
1.	Surabhi Kashyap	Mycelium based Material	2022	2023
2.	Sumit Kumar	Fungal enzyme for plastic production	2022	2023
3.	Suchitra Vishwakarma	Fungal application in biodegradation of Plastic	2022	2023
4.	Shivangani Yadav	Mycoremediation	2022	2023
5.	Shalini Maurya	Biotechnological application of Fungi	2022	2023
B.Sc. 5th Sem Project				
6.	Deepak Sahani	Flora of Gorakhpur City with reference to medicinal plants	2023	2024
7.	Sidrah Firdaus	Flora of Gorakhpur City with reference to ornamental plants	2023	2024
8.	Ananat Prajapati	Flora of Gorakhpur City with reference to Avenue Trees	2023	2024
9.	Priyanshi	Flora of Gorakhpur City with reference to exotic weed.	2023	2024
10.	Ranju Maurya	Flora of Gorakhpur City with reference to climbers	2023	2024
11.	Gargi Maurya	Flora of Gorakhpur City with reference to water plants	2023	2024
12.	Vijay Yadav	Flora of Gorakhpur City with reference to fruit trees	2023	2024

PAPERS PUBLISHED

1. Srivastava, D., Kumari, A. (2023). Functional and Therapeutics Potential of Inulin. Int J Probiotics and Dietetics, 3(2), 54-57., ISSN 2993-3056, IF:0.79; <https://dx.doi.org/10.33140/IJPD>
2. Isha Choudhary and Deepa Srivastava (2023). Medicinal trends of lactulose as prebiotics. World Journal of Pharmacy and Pharmaceutical Sciences. Vol.12(9), 2566- 2578 ISSN 2278- 4357, IF 7.632
3. **Deepa Srivastava**, Neha Rauniyar and Manisha Mishra (2023) Medicinal Plants used by The Vantangiya tribe of North-Eastern Terai region, Uttar Pradesh. Pharmacognosy Communications, 2023, 13(1):1-6., **ISSN**:2249-0159 (Print); 2249-0167 (Online) Impact Factor 1.4
4. Neha Rauniyar, Pankhuri Sehgal, Damini Diksha **Deepa Srivastava**, V.K. Baranwal (2022) Characterization of a recombinant Tomato Leaf Curl New Delhi Virus (ToLCNDV) in a perennial medicinal climber host (*Ipomoea cairica* (L.) Sweet). 3 Biotech, 3(13), 1-8, ISSN 2190572X, 21905738 <https://doi.org/10.1007/s13205-022-03418-6>, IF:2.893
5. Rauniyar. N and **Srivastava. D (2022)**. Estimation of Soil Constituents Affecting Growth of Medicinal Weed *Ipomoea cairica* (L.) Sweet. **Journal of Diseases and Medicinal Plants**, 8(2): 28-33 ISSN: 2469-8202 (Print); ISSN: 2469-8210 (Online), IF:1; [doi: 10.11648/j.jdmp.20220802.12](https://doi.org/10.11648/j.jdmp.20220802.12)
6. Mishra, M. and **Srivastava, D.** (2021). Bioluminescent Fungi: Reviewing Nature's Riddle! Journal of Mycopathol. Research, 59(3), 199-206; 199-209 2021, ISSN: 0971-3719, NAAS 4.9, UGC-CARE enlisted
7. Jitendra Kumar Kushwaha, Ajay Kumar Rai and Deepa Srivastava (2021) Top Ten viruses reported on Chilly in Southeast Asia, Virology and Mycology, Volume 10, issue 3, No 1000209, page 1-9. ISSN: 2161-0517, Impact Factor, 4.638
8. Shivangi Sahgal and Deepa Srivastava (2021). Estimation of Microbes on Phyllopalne Region of Healthy and Infected Leaf of *Ipomoea cairica* by Leaf Impression Method "Research & Reviews: A Journal of Life Sciences" ISSN: 2249-8656 (Online), ISSN: 2348-9545 (Print), Volume 11, Issue 2, 11-13, DOI Journal: 10.37591/RRJoLS
9. Neha Rauniyar and Deepa Srivastava (2021). Progression of body related viruses in Humans: A review. Immunology and Infectious Diseases, Volume 9, No 1, 1-10, DOI: <http://doi.org/10.13189/iid.2021.09010>, ISSN: 2333-2719 (Print) ISSN: 2333-3286 (Online)
10. Neha Rauniyar and **Deepa Srivastava**. *Ipomoea digitata*: A therapeutic Boon from Nature to Mankind, **2020**, Journal of Indian Botanical Society, JIBS, 100(3&4), 185-191, e-ISSN: 2455-7218, ISSN: 0019-4468, impact factor SJIF 7.763, UGC care list No. 1625205926, <http://doi.org/10.5958/2455-7218.2020.00039.X>,
11. Mishra, M. and Srivastava, D. (2020). Mycoremediation: A Step towards Sustainability. International Journal of Plant and Environment 6(4), 298-305. ISSN: 2454-1117 (Print), 2455-202X (Online); DOI: <http://doi.org/10.18811/ijpen.v6i04.9>; NAAS 4.46
12. Shivangi Sahgal and **Deepa Srivastava**. Utilization of Microbial Diversity as Biofertilizers. International Journal of Plant and Environment, 2020; 6(3); 218-

221;<http://doi.org/10.18811/ijpen.v6i03.11>ISSN: **2454-1117** (Print), **2455-202X** (Online), NAAS 4.46

13. Rauniyar N and **Srivastava D.**Dudhikalmi (Ipomoea alba) A Less Exploited Nutritive Plant- A Reassessment, *International Journal of Pharmacy and Biological Sciences-IJPBSTM* (2020) 10 (3): 19-24 Online ISSN: 2230-7605, Print ISSN: 2321-3272,DOI: <http://doi.org/10.21276/ijpbs.2020.10.3.3>, **SJIF IF 7.172**
14. **Deepa Srivastava** and Sarita Yadav, Isolation and Structural Determination of Arctigenin from Ipomoea cairica L.(Sweet), *International Journal of Recent Scientific Research*, 10(02B), Page- 30302-30306, **2019,ISSN: 0976-3031, DOI: <http://dx.doi.org/10.24327/ijrsr.2019.1002.3112> , SJIF IF 7.383**
15. **Deepa Srivastava**, Medicinal plants of genus Ipomoea found in Uttar-Pradesh, India, *Research Journal of Recent Science*, 6, Issue -12, Page- 1-11, **2017, ISSN: 2277-2502,GIF 0.675**
16. **Deepa Srivastava**, Medicinal Plant of genus Ipomoea: present scenario, challenges and future prospective, *Research Journal of Recent Science*, Volume 6, Issue -10, Page- 1-5, **2017,ISSN : 2277-2502,GIF 0.675**
17. **Deepa Srivastava**, Detection of Arctigenin in Ipomoea cairica L. leaves: A potential drug for Japanese encephalitis, *International Research Journal of Biological Sciences*, Volume 6, Issue 8, Page- 47-49, **2017, ISSN:2278-3202, CIF 4.185**
18. **Deepa Srivastava** and Shukla K, Arctigenin, A plant lignan with tremendous potential: A review, *International Journal of Current research*, Volume 9, Issue -5, Page- 50232-50237, **2017,ISSN: 0975-833X**, SJIF Scientific Impact Factor: 7.992; ISI Impact Factor 2019-2020: 1.532, Doi: <https://doi.org/10.24941/ijcr.2017>
19. **Deepa Srivastava** and Shukla K, Diversity of Medicinally important Ipomoea species (Convolvulaceae) in Gorakhpur District, *International Journal of Underutilized plant*,Volume 1, Issue -1, Page- 11-17, **2017.**
20. **Deepa Srivastava**, Global scenario of antiviral drugs for Japanese encephalitis, *Research Journal of recent science*, Volume 5, Issue -10, Page- 1-6, **2016, ISSN 2277-2502.GIF 0.675**
21. **Deepa Srivastava** and K.Shukla, Effect of leaves extract of Ipomoea cairica on chlorophyll and carotenoid in Parthenium hysterophorus, *International Journal of Research- GRANTHALAYA*, Volume 4, Issue -4, Page- 103- 107, **2016, ISSN- 2350-0530(O) ISSN- 2394-3629(P)**,Cosmos Impact Factor : 4.321
22. **Deepa Srivastava**, Swati Shahi, and Rajnish Kumar, Allelopathic effects of Ipomoea cairica (L) on noxious weed Parthenium hysterophorusLinn, *International Journal of Current Research in Life Sciences*, Volume 4, Issue -12,2015, Page- 489-491, **2015, ISSN-2319-9490.SJIF-7.776**
23. **Deepa Srivastava** and K.shukla, Japanese encephalitis in Gorakhpur: A review, *European Journal of Biomedical and Pharmaceutical Sciences*, Volume 2, Issue 7, Page-118-124, **2015, ISSN 2349-8870.IF 6.044**
24. **Deepa Srivastava** and K. Shukla, Ipomoea cairica: A Medicinal weed with promising Health Benefits, *International Journal of Information Research and Review*, Volume 2, Issue 5, Page- 687-694, **2015, ISSN 2349-9141.IF 1.125**
25. **Deepa Srivastava** and K. Shukla, Antioxidant potential of medicinal plant Ipomoea cairica (L) Sweet, *International Journal of Development Research*, Volume 5, Issue 4, Page 4255-4258, **2015, ISSN: 2230-9926.IF: 7.012**

26. **Deepa Srivastava** and K. Shukla, Pharmaceutical efficacy of Ipomoea carnea” ***Biological Forum- International Journal***, Volume 7, Issue 1, Page 225-235, **2015**, **ISSN No. (Print):0975-1130, ISSN No. (online) 2249-3239.CIF 4.856**
27. **Deepa Srivastava** and K. Shukla, Morphological and physicochemical analysis of Ipomoea cairica leaves, ***Asian Journal of Advanced Basic Sciences***, Volume 3, Issue 1, Page 222-227, **2015, ISSN 2347-4114.GIF 0.454**
28. **Deepa Srivastava**, Naveen Panday, A.K. Tiwari and Kalawati Shukla, Identification of a potyvirus associated with mosaic disease of Catharanthus roseus, ***Medicinal Plants International Journal of Phytomedicines and Related Industry*** NieweHenweg 6B 1013 BG Amsterdam, The Netherlands, Volume - 4, Number - 1, Page 23-2,**2012, ISSN 0975-4261, IF 0.18**
29. Priyanka Pradhan, **Deepa Srivastava**, Naveen Pandey and K.Shukla(**2009**) “Detection of Yellow mosaic disease on periwinkle (Catharanthus roseus (L) G. Don) in Gorakhpur U.P. caused by a Potyvirus”, ***Indian Journal of Virology***, volume 20, number 1, Pages 39-40.ISSN: 0970-2822, IF 1.293
30. Naveen Pandey **Deepa Srivastava**, and K.Shukla(**2009**) “Natural occurrence of virus like symptom on Neem (Azadiractaindica) in Gorakhpur District.”, ***Indian Journal of Virology***, volume 20, number 1, Pages 39-40.ISSN: 0970-2822, IF 1.293
31. Priyanka Pradhan, **Deepa Srivastava** and K.Shukla(**2008**) “Viral infections of some efficacious medicinal plants from Tari belt of north eastern U.P.”, ***Indian Phytopathology***, volume 61, number 3, Pages 406.eISSN2248-9800; Print ISSN 0367-973X, IF 0.458
32. **Deepa Srivastava**, and K.Shukla(**2006**) “Conversion of anthocynin pigment to chlorophyll in Catharanthus roseus due to viral infection, ***Indian Journal of Virology***, volume 17, number 2, Pages 131-132.ISSN: 0970-2822, if 1.293

PAPER PUBLISHED IN CONFERENCE PROCEEDINGS

- 33.*Jitendra Kumar Kushwaha, Deepa Srivastava* Implication of Recent trends for the identification and characterization of Plant Viruses. In conference proceedings of **National Conference on Plants and Microbes: Progress, Potential and Future (PMPPF-2023) held on 30th September 2023** organized by **Department of Botany**, D. D. U. Gorakhpur University, Gorakhpur in association with the **Microbiologist’s Society, India (MBSI)** and the **Avishka Council of Industrial and Applied Biosciences (ACIAB).ISSN- 978-93-93509-45-1, Pages**
34. Manisha Mishra, **Deepa Srivastava**. Therapeutic benefits of mushroom-specific bioactive compounds. In conference proceedings of **National Conference on Plants and Microbes: Progress, Potential and Future (PMPPF-2023) held on 30th September 2023** organized by **Department of Botany**, D. D. U. Gorakhpur University, Gorakhpur in association with the **Microbiologist’s Society, India (MBSI)** and the **Avishka Council of Industrial and Applied Biosciences (ACIAB). ISSN- 978-93-93509-45-1; Pages:**
35. Neha Rauniyar, **Deepa Srivastava** Gemini-virus: A growing threat to crops, In conference proceedings of **National Conference on Plants and Microbes: Progress, Potential and Future (PMPPF-2023) held on 30th September 2023** organized by

Department of Botany, D. D. U. Gorakhpur University, Gorakhpur in association with the **Microbiologist's Society, India (MBSI)** and the **Avishka Council of Industrial and Applied Biosciences (ACIAB)**. ISSN- 978-93-93509-45-1; Pages:

36. **Shivangi Sahgal***, **Deepa Srivastava**. Comparison of extract prepared from dry and fresh leaves of *Ipomoea cairica* by testing on microbe of selected strain and its effect on them. In conference proceedings of **National Conference on Plants and Microbes: Progress, Potential and Future (PMPPF-2023)** held on **30th September 2023** organized by **Department of Botany**, D. D. U. Gorakhpur University, Gorakhpur in association with the **Microbiologist's Society, India (MBSI)** and the **Avishka Council of Industrial and Applied Biosciences (ACIAB)** . ISSN- 978-93-93509-45-1, Pages:
37. **Deepa Srivastava** “**Bioprospection for treatment of Japanese encephalitis through *Ipomoea cairica* L.(Sweet)** in **National Webinar cum Seminar on Sustainable Development of Poorvanchal: Issues, Strategies and Way Forward**, organised by DDU Gorakhpur University Gorakhpur, on **Dec 10 to 12, 2020**, Page 133.
38. Shivangi Sahgal and **Deepa Srivastava**, **A New Disease Reported on *Ipomoea cairica* in Gorakhpur**, in **National Conference on Recent Advances in Agriculture, Food Tech & Human Health (BioMilaap-2019)**, Organised by: Department of Molecular and cellular Engineering, Jacob Institute of Biotechnology and Bioengineering, Sam Higginbottom University of Agriculture, Technology and Sciences, Prayagraj, Held on **05-06, November 2019**, Page **204-207**.
39. **Deepa Srivastava** and K. Shukla **Ethical concern about scientific writing and Plagiarism**, National workshop on scientific paper writing and effective communication. (2016) Organised by: Department of Biotechnology and Biozone Research Foundation, D.D.U.Gorakhpur University, held on 17-18 September, Page 115-116.
40. **Deepa Srivastava**, Bhuneshpratap and K. Shukla, **Impact of weather variables on mosquitoes infected with Japanese encephalitis virus in Gorakhpur District, Uttar-Pradesh**, **National Conference on Science for Rural India**, ISBN: 978-81-929510-5-8, (2016), 17 8-181.

BOOK PUBLISHED

1. **Plants and Microbes: Progress, Potential and Future (Editors Dr. Deepa Srivastava and Smriti Mall,(Dec 2023) ISBN: 978-93-93509-45-1, Pages 1-204, Publisher:** Discount Group of Publication, Gorakhpur, Uttar Pradesh, India.
2. Deepa Srivastava (2022) Botany “**Microbiology and Plant Pathology**” B.Sc. First Year/ Semester I, Book as per National Education Policy 2020”, Common Minimum Syllabus for all Uttar Pradesh State University, Published by Discount Group of Publication, Gorakhpur, ISBN:9789393509000, (1-539)
3. Deepa Srivastava (2021) eBook on “**Basics of Plant Breeding**” Published by Walnut Publication.com its ISBN No is: ISBN - 978-93-91522-05-6, (1-582)
4. Deepa Srivastava (2021) eBook on “**Elementary Microbiology**” Published by Walnut Publication.com its ISBN No is: eBook ISBN: 978-93-91145-36-1, (Pages 1-663)

5. **Deepa Srivastava** (2021) eBook on “**Nutraceutical Biomolecule: Gut Microbiology**” Published by Walnut Publication.com its ISBN No is:eBook ISBN: 978-93-91145-33-0; (1-224)
6. **Deepa Srivastava (2021) “Glimpse of Botany” objective question bank for Competitive Examination.** Publisher“**World Lab Publication.**”Gaziabad,U.P.; ISBN: 978-81-948420-3-3, 1-378
7. **Deepa Srivastava and Neha Rauniyar (2020) Medicinal Plants of Genus Ipomoea: a glimpse of potential Bioactive compounds and its detail.** Publisher: **Lambert Academic Publishing, Mauritius, ISBN,978-62-0-57143-4, 1-80**
8. **Deepa Srivastava (2016), Objective Botany for University Entrance Examination,** , Publisher - Online Gatha -The Endless Tale, Indra Nagar, Faizabad Road, Lucknow, **ISBN-978-93-86163-18-9,(2016),1-169.**

CHAPTERS PUBLISHED IN BOOKS

1. Shweta Tiwari, **Deepa Srivastava** and K.Anita (2023). Isolation of Fungi causing Post-Harvest Spoilage of Oranges. In Emerging Trends in Microbiology. Editors Dr. Rajiv Ranjan, Dr. Mohd. Akmal. Published by Weser Books, No.79737, Zittau, **Germany, ISBN: 978-3-96492-439-1**Chapter 18, Pages 128-133.,
2. Manisha Mishra, **Deepa Srivastava (2023).** Therapeutic benefits of mushroom-specific bioactive compounds. In “Plants and Microbes:Progress, Potential and Future”. Editors: Deepa Srivastava and Smriti Mall, Published by Discount Group of Publication, Gorakhpur, ISBN:978939350945, (1-14).
3. Jitendra Kumar Kushwaha, **Deepa Srivastava (2023).** Implication of Recent trends for the identification and characterization of Plant Viruses.In “Plants and Microbes:Progress, Potential and Future”. Editors: Deepa Srivastava and Smriti Mall, Published by Discount Group of Publication, Gorakhpur, ISBN:978939350945, (42-57).
4. Neha Rauniyar, **Deepa Srivastava (2023)** Gemini-virus: A growing threat to crops.In “Plants and Microbes:Progress, Potential and Future”. Editors: Deepa Srivastava and Smriti Mall, Published by Discount Group of Publication, Gorakhpur, ISBN:978939350945, (78-90).
5. **Shivangi Sahgal, Deepa Srivastava(2023)** Comparison of extract prepared from dry and fresh leaves of *Ipomoea cairica* by testing on microbe of selected strain and its effect on them.Editors: Deepa Srivastava and Smriti Mall, Published by Discount Group of Publication, Gorakhpur, ISBN:978939350945,Page No132-135.
6. **Shivendra Pratap Singh, Deepa Srivastava, Noman Arif, Anant Mishra, Shivangni Singh (2023)** Antifungal Activity of Essential Oils Extracted from Some Aromatic Plants of Gorakhpur Division on *Aspergillus niger* van Tieghem. In “Plants and Microbes:Progress, Potential and Future”. Editors: Deepa Srivastava and Smriti Mall, Published by Discount Group of Publication, Gorakhpur, ISBN:978939350945, (24-41).
7. Manisha Mishra and **Deepa Srivastava (2022):** Mycoremediation – An emerging technology for mitigating environmental Contaminants “Re-visiting the Rhizosphere Eco-system for Agricultural Sustainability” Chapter 12, Page No:225-244, Publisher **Springer**, eBook ISBN 978-981-19-4101-6 , Print ISBN 978-981-19-4100-9.
8. **Deepa Srivastava, Shivangi Sahgal, and Neha Rauniyar (2021)** Chapter entitled “Antimicrobial Activities of Distinct Noxious Weeds” by “Deepa Srivastava, Shivangi Sahgal, and Neha Rauniyar” in Book entitled “Medicinal Plant Phytochemistry and

Therapeutics” editor in chief Dr. (Mrs.) Sampat Nehra, Dr. (Prof.) Trivedi PC, Published by “AGROBIOS RESEARCH” Agro Academics in October 2021.Edition 1, Volume 1, Chapter 14, Page No 283-293.

9. **Deepa Srivastava** and K. Shukla 17 Dec, (2019) “Virus Afflictions of Anticancerous Medicinal Plant *Catharanthus roseus* (L.)G. Don”, **Plant Pathogens: Detection and Management for Sustainable Agriculture**.Editors: P. Kumar, A.K.Tiwari, M. Kamle, Abbas Z.,P.Singh. Publisher- Apple Academic Press, Florida Chapter 3, Page no 35-66,ISBN: 9781771887885
10. **Deepa Srivastava** and K.Shukla (2016) “Viral diseases on Medicinal Plants of North-Eastern Uttar-Pradesh”**Plant Viruses: Evolution and Management** Editors: R.K.Gaur, N.M. Petrov and M.I. Stoyanova , Publisher-Springer ISBN-ISBN 978-981-10-1405-5, **ISBN 978-981-10-1406-2** (e-Book), Chapter 7; 89-129.
11. **Deepa Srivastava**, Tulika Mishra and K.Shukla (2014) Botanical therapeutics and challenges of twenty first century. **Anthropocology and Applied Biodiversity**, Editors Dwivedi A.K. Publisher- Omni Scriptum GmbH & Co. K.G.Saarbrucken, Germany **ISBN: 978-3-659-22189-7**, 25-56.
12. **Deepa Srivastava** and K.Shukla (2011). Antiviral activity of selected medicinal plant extract on the incidence of Periwinkle Mosaic Virus”**Editors: A.K.Dwivedi, V.N.Pandey, MalvikaSrivastva; Biotic Potential and Abiotic Stress** Lambert Academic Press, Germany, **ISBN-ISBN 978-3-8454-1211-** Pages: 188-194.
13. **Deepa Srivastava** and K.Shukla (2010) “Establishment of callus and cell suspension culture of *Withaniasomnifera* (L.) Dunal”. **Advances in Life Science**, Editors- R.P.Sinha, Naveen K. Sharma, A.K.Rai, **IK International Publication, New Delhi, ISBN-ISBN-978_93_81141045, Chapter 19**, Pages: 449-452.
14. **DeepaSrivastava** and K.Shukla (2010) “Effect of yeast extract in cell suspension culture of *Withaniasomanifera* (L). **Advances in Life Science**, Editors- R.P.Sinha, Naveen K. Sharma, A.K.Rai, **IK International Publication, New Delhi, ISBN-ISBN-978_93_81141045** Pages: 453-458.

OTHER ARTICLES

1. **Deepa Srivastava (Dec 2020) “Fungi for Bioremediation and Biofertilizers”**in **National Webinar cum Seminar on Sustainable Development of Poorvanchal: Issues, Strategies and Way Forward**,organised by DDU Gorakhpur University Gorakhpur, on Dec 10 to 12, 2020, Page 242.
2. **Deepa Srivastava** and Manisha Mishra (Dec 2020) “**Terracotta Art: A Boon from the Past!**,”in**National Webinar cum Seminar on Sustainable Development of Poorvanchal: Issues, Strategies and Way Forward**,Page 242.
3. Shivangi Sahgaland **Deepa Srivastava (Dec 2020) Hydroponics a way to agriculture innovationNational Webinar cum Seminar on Sustainable Development of Poorvanchal: Issues, Strategies and Way Forward, Page 248.**
4. **Deepa Srivastava (2020). Viruses as Nanomachine: A treasure for Future.** In “**Innovative Approaches for Motivation of Science Students (Teaching Materials for Science Students). Page 9, ISBN:978-93-89703-86-3.**
5. **Deepa Srivastava (Oct-Dec 2019). Education System in India: Problems and Solution.** In **KAHAAR: A multilingual magazine for common people**.Publisher Prof. H.S.Srivastava, Phoundation for Science and society, Lucknow & Society for

FELLOW OF ACADEMIC BODIES

1. Fellow of the “**Indian Botanical Society (F.B.S.)**” from Nov 2014
2. Fellow Member of “**International Science Congress Association**” (**F.I.S.C.A**), from July 2015 Registration ID –ISCA-FM-485.

LIFE MEMBERSHIP OF ACADEMIC BODIES

1. Life membership of **Avishka Council of Industrial and Allied Biosciences (ACIAB)** (a not for profit organisation under section 8, companies act 2013) from June 2023
2. Life membership of “**International society of Environmental Botanist**,” a Scientific member of International Union of Biological Sciences (IUBS), Paris, under CSIR, National Botanical Research Institute Campus, Rana Pratap Marg, Lucknow-226001, India, from 21st December 2017
3. Life membership of “**Agrica**” an “**International Journal of Plant Science and related Industries**” under Society for plant research and educational programme UP Council of Sugarcane Research, Shahjahanpur, from January 2017
4. Life membership of “**Society for underutilized plant for future research(SUPFR)**”, An International Society for NUS Community, from Feb 2017.
5. Life Membership of “**The International Science Congress Association**”, from year 2015.
6. Life Membership of “**The Indian Science congress**,” from year 2015.
7. Life Membership of “**Indian Botanical Society**”, from year 2007.
8. Life Member of “**Indian Virological Society**”, from year 2005.
9. Life member of “**Indian Phytopathological Society**”, from year 2006.

AS RESOURCE PERSON/ INVITED LECTURE

1. Invited Guest Speaker in **One Day Workshop cum Awareness** program on “**Agropreneurs and Hi-Tech Farming, A form of Sustainable Practices: A must approach for uplifting Indian Economy**” on 23rd December 2023 at 12:30 pm organized by Department of Commerce, Buddha PG College, Kushinagar
2. **Deepa Srivastava** (August, 2023) Presented a paper entitled “**Bioremediation of Plastic by Fungi: An Innovative Approach for Sustainable waste Management**” in **10th International Virtual Congress (IVC-2023)** Focal Theme: Global Research: Together Towards Tomorrow Organized by International Science Community Association, held on **5th -10th August 2023** as **Resource Person**.” ISCA-IVC-2023-03BS-003, Page 3; **ISBN: 978-93-89817-80-5**.

3. **Dr. Deepa Srivastava** has presented a paper entitle **“Hydroponics: The Future of Farming”** in **International Conference on Traditional Food and Medicinal Plants (TEMP-2023)** held on **April 01,02, 2023**, organized by **Marwar Business School, PG College Gorakhpur, as Invited Lecture.**
4. **Deepa Srivastava** (August, 2020) Presented a paper entitled **“Indian Medicinal Plants as Antivirals”** in **7th International Virtual Congress (IVC-2020)** Focal Theme: Global Research: Innovation, Invention and industrializations Organized by International Science Community Association, held on **5th -10th August 2020** as **Resource Person.**” ISCA-IVC-2020-03BS-008, Page 11; **ISBN: 978-93-86675-96-5.**
5. Participated as **Subject Expert Panelist** in **National Webinar on “Medicinal Plants and Community Health”** organised by Government PG College Nagnath-Pokhri(Chamoli), Uttarakhand, on 08 June, 2020.
6. **Deepa Srivastava (August, 2019)** Presented a paper entitled **“Medicinal Plants for Inflammatory Diseases”** in **6thInternational Virtual Congress (IVC-2019)**FocalTheme: Global Research: Attitude, Skills and PracticesOrganized by International Science Community Association, held on **5th -10th August 2019** as **Resource Person.**” ISCA-IVC-2019-03BS-007, Page 11; **ISBN: 978-93-86675-55-2.**
7. **Deepa Srivastava** (Feb,2019) **“Plant-Derived Anti-Inflammatory Compounds”** in **National Seminar on Emerging trends and Advances in Sustainable Utilization and Conservation of Plants**, organized by Department of Botany, Marwar Business School, Gorakhpur on **25th and 26th February 2019.**
8. **Deepa Srivastava (2018)** **“Ipomoea: A potential source for antiviral drugs”, 5th International Virtual Congress (IVC-2018) Focal theme: Global Research: Energy, Ethics and Enthusiasm and Workshop on Personality Development,Organized by International Science Community Association** held on**5th -10th August 2018** as **Resource Person.**” ISCA-IVC-2017-03BS-001, **ISBN: 978-93-86675-55-2.**
9. **Deepa Srivastava (2017).****Medicinal Plant of genus Ipomoea: Present scenario, challenges and future perspective, 4th International Virtual Congress (IVC-2017)** Focal Theme: Global Research: Reform, Perform and Transform and Workshop on Environmental Studies,Organized by International Science Community Association Page No: 8, Article No: ISCA-IVC-2017-03BS-004, **ISBN:978-93-84659-68-4**
10. **Deepa Srivastava (2016).****Global scenario of antiviral drugs for Japanese encephalitis, 3rd International Virtual Congress (IVC-2016)** Focal Theme: Global Research: Reform, Perform and Transform and Workshop on Environmental Studies (online conference & workshop)Organized by International Science Community Association Date 5-10 August, 2016, Page No : 13, Article No : ISCA-IVC-2016-03BS-004, **ISBN:978-93-84659-68-4**

REVIEWER /EDITORIAL BOARD

1. **Editorial Board member** of Souvenir of **National Conference on Plants and Microbes: Progress, Potential and Future (PMPFF-2023)** held on **30th September 2023** organized by **Department of Botany, D. D. U. Gorakhpur University, Gorakhpur** in association with the **Microbiologist’s Society, India (MBSI)** and the **Avishka Council of Industrial and Applied Biosciences (ACIAB).**
2. Editorial Board member of **“International Journal of Biological and Environmental Investigations”(IJBEI)**, from 29th April 2021.

3. Reviewer of “**Egyptian Journal of Biological Pest Control**” from Manuscript Number: EBPC-D-21-00162, Title: ***Bacillus thuringiensis* as Microbial Biopesticide: Uses and application for sustainable Agriculture.**
4. **Reviewer/Editorial Board Member of “International Research Journal of Biological Sciences** from July 2016, *Journal of: International Science Community Association*
5. **Editorial Board member of Souvenir on National Seminar on “Plant viruses and Researches in Plant Sciences” and Alumni meet on the Birth Centenary of Prof K.S.Bhargava, 1-2 November, 2018**

INTERNATIONAL PAPER PRESENTATION

1. A paper entitled “**Selective autophagy and CRISPR/Cas used to Engineer resistant cultivar against viral disease in Citrus**” was presented by Deepa Srivastava and Jitendra Kumar Kushwaha in Asian Citrus Congress-2023 held on **28-30 October, 2023**, ICAR-Central Citrus Research Institute, Nagpur, MaharashtraNagpur, Maharashtra.
2. A paper entitle “**Hydroponics: The Future of Farming**” was presented by **Dr. Deepa Srivastava in International Conference on Traditional Food and Medicinal Plants (TEMP-2023)** held on April 01,02, 2023, organized by Marwar Business School, PG College Gorakhpur.
3. A paper entitled “ **Antiviral Potential of *Ipomoea cairica* L. (Sweet) for Japanese encephalitis virus**” was presented by **Dr. Deepa Srivastava in Phronesis LLC, International Conference on life Science** held during **November 02-03, 2022**, in **Dubai, United Arab Emirates**, Organized by **Phronesis Research World**.
4. A paper entitled “**Structural and Molecular characterization of viruses destructing the contents of pharmaceutical metabolites in genus Ipomoea**, by Neha Rauniyar and **Deepa Srivastava**, was presented in **VIROCON-2020, International Conference on “Evolution of Viruses and Viral Diseases**, held on February 18-20, 2020, Page 292
5. “**International Conferences on Advances in Biological and Environmental Research for Human Welfare (ICABERHW-2018)**” and **6th Annual Session of Society of Life Sciences on 16 to 18 November 2018**, Organized by *Department of Zoology in association with ICAR-National Bureau of Fish Genetic Resource, Lucknow Society of Life Sciences, Satna, Sponsored by University Grant Commission, New Delhi.* **Paper Title “Antiviral activity of selected medicinal plants for Japanese encephalitis virus,Page 131-132**

6. **5th International Virtual Congress (IVC-2018) Focal theme: Global Research: Energy, Ethics and Enthusiasm and Workshop on Personality Development, on 5th -10th August 2018** *Paper entitled "Ipomoea : A potential source for antiviral drugs"* Deepa Srivastava, Published In: Souvenir of 5th International Virtual Congress-IVC-2018, article No ISCA-IVC-2017-03BS-001, ISBN: 978-93-86675-55-2.
7. **International Conference on Microbial, Plant and Animal Genome on March 29-31, 2018**, Organized by Department of Biosciences, College of Arts, Science and Humanities, Mody University of Science and Technology, Lakshmangarh, Sikar, Rajasthan, India. Paper Title: **Ipomoea cairica possess antiviral properties against Japanese Encephalitis(JE)**.Published In: International Journal of Life Science and Pharma Research(IJLPR); ISSN No: 2250-0480, Page No 22-23.
8. **4th International Virtual Congress (IVC-2016) Focal theme: Global Research: Reform, perform and Transform and Workshop on Environmental Studies on 5th -10th August 2017***Paper Title- "Medicinal plant of genus Ipomoea: present scenario, challenges and future prospective"* Deepa SrivastavaPublished In: Souvenir of 4th International Virtual Congress-IVC-2017 at page no 8, and article No ISCA-IVC-2017-03BS-004, ISBN: 978-93-84659-68-4.
9. **3rdInternational Young Science Congress (IYSC-2017) on 8th & 9th May, 2017**,*Paper Title- "Detection of Arctigenin in Ipomoea cairicaL.leaves: A potential drug for Japanese encephalitis"* Organised By: International Science Congress Association, in collaboration with Ganpath University, Mehsana Gujrat, India.
10. **"VIROCON 2016" and International Conference on Global Perspective in Virus Disease Management on 8th & 10th December 2016**,*Paper Title- "Japanese encephalitis virus and plant product as antiviral"* OrganisedBy:IndianVirological Society, & ICAR-IIHR, Bengaluru, IndiaBy: Deepa Srivastava and K. Shukla, Page No 54-55
11. **5th International Science Congress (ISC-2015)on 8th & 9th December 2015***Paper Title- "Evaluation of phytochemical contents of Ipomoea cairica (L) Sweet"* OrganisedBy: International Science Congress Association, under the auspices of Tribhuvan University, Kathmandu, Nepal.By: Deepa Srivastava and K. Shukla

- 12. 1st International Young Scientist Congress on 8th & 10th August 2015, Organised By:**
International Science Congress Association, Maharaja Ranjit Singh College of Professional Sciences, Indore, MP, India. Paper Title- “Preventive strategies for frequent outbreaks of Japanese encephalitis in Gorakhpur” By: Deepa Srivastava
- 13. International symposium on innovations in educational, environmental and health research ISIEEHR-2015” BHU, Varanasi. On 23& 24 February 2015, Paper Title- “Epidemiology of Japanese encephalitis in relation to environment” *Deepa Srivastava and K. Shukla***
- 14. Indian virological society, International conference on emerging and Re-emerging viral diseases of Tropics and Subtropics, IARI, New Delhi India, Year 2007, Paper Title- “Natural Occurrence of a yellow mosaic disease on Periwinkle in Gorakhpur, U.P. caused by Potyvirus” *By: Deepa Srivastava, Naveen, Pratibha and K. Shukla***
- 15. Indian virological society, International conference on emerging and Re-emerging viral diseases of Tropics and Subtropics, IARI, New Delhi India, Year 2007, Paper Title- “Detection of Potyvirus through RT-PCR causing severe mosaic of *Catharanthus roseus* in North-Eastern U.P.” *By: Deepa Srivastava, Priyanka Pradhan, Sapna and K. Shukla***
- 16. International Symposium on current issues in Zoology & Environmental Science, D.D.U Gorakhpur University, Gorakhpur, Year 2006, Paper Title- “Relationship of the periwinkle mosaic virus with its aphid vectors and its control through medicinal plant extract” *By: Deepa Srivastava and K. Shukla***
- 17. International Symposium on management of Vector-Borne Viruses and 16th Annual Convention of Indian Virological Society, Year 2006, Paper Title- “Conversion of anthocyanin pigment to chlorophyll in *Catharanthus roseus* flower due to viral infection” *By: Deepa Srivastava and K. Shukla***
- 18. 10th FAOBMB Congress, Society of biochemist’ (India) held at IISc, Bangalore, Year, 2003, Paper Title: “Development of transgenic cotton lines expressing two delta endotoxins**

targeted against different bollworms”By: Mithlesh Kumar, P.K. Singh, Deepa Srivastava et.al.

19. **International Conference on Structure and Dynamics of Biomolecules** on 27-28 January, 2017 *Organized By:* Department of Physics, D.D.U. Gorakhpur University, Gorakhpur under the auspices of “International Society for life Science, Jaipur
20. **International Symposium on “Frontiers of Natural Products Research and Human health and 2nd Annual Meeting of Indian Society for Life Science”** 19th December, 2016, *Organized By:* Department of Zoology, D.D.U. Gorakhpur University, Gorakhpur under the auspices of “ International Society for life Science (ISLS), Jaipur, Rajasthan

NATIONAL CONFERENCE PAPER PRESENTATION

1. A paper entitled “**Comparison of extract prepared from dry and fresh leaves of *Ipomoea cairica* by testing on microbe of selected strain and its effect on them**” by Shivangi Sahgal*, **Deepa Srivastava** was presented in **National Conference on Plants and Microbes: Progress, Potential and Future (PMPPF-2023) held on 30th September 2023** organized by **Department of Botany**, D. D. U. Gorakhpur University, Gorakhpur in association with the **Microbiologist’s Society, India (MBSI)** and the **Avishka Council of Industrial and Applied Biosciences (ACIAB)** . ISSN- 978-93-93509-45-1, Page:
2. A paper entitled “**Gemini-virus: A growing threat to crops**” by Neha Rauniyar, **Deepa Srivastava** was presented in **National Conference on Plants and Microbes: Progress, Potential and Future (PMPPF-2023) held on 30th September 2023** organized by **Department of Botany**, D. D. U. Gorakhpur University, Gorakhpur in association with the **Microbiologist’s Society, India (MBSI)** and the **Avishka Council of Industrial and Applied Biosciences (ACIAB)**. ISSN- 978-93-93509-45-1; Page
3. A paper entitled “**Therapeutic benefits of mushroom-specific bioactive compounds**” by Manisha Mishra, **Deepa Srivastava** was presented in **National Conference on Plants and Microbes: Progress, Potential and Future (PMPPF-2023) held on 30th September 2023** organized by **Department of Botany**, D. D. U. Gorakhpur University, Gorakhpur in association with the **Microbiologist’s Society, India (MBSI)** and the **Avishka Council of Industrial and Applied Biosciences (ACIAB)**. Page
4. A paper entitled “**Implication of Recent trends for the identification and characterization of Plant Viruses**” by *Jitendra Kumar Kushwaha*, **Deepa Srivastava** was presented in **National Conference on Plants and Microbes: Progress, Potential and Future (PMPPF-2023) held on 30th September 2023** organized by **Department of Botany**, D. D. U. Gorakhpur University, Gorakhpur in association with the **Microbiologist’s Society, India (MBSI)** and the **Avishka Council of Industrial and Applied Biosciences (ACIAB)**., PageNo

5. A paper entitled “**Ethno-medicinal plants used by Vantangiya tribe of North-Eastern Terai region of Uttar Pradesh to cure various ailments**”, Deepa Srivastava, Neha Rauniyar and Manisha Mishra was published in XLIV, All India Botanical Conference of the Indian Botanical Society, on Plant science research in present scenario: opportunities and challenges Page 72, topic No OPIV.
6. Participated in Webinar on “**New Opportunities in medicinal Plants sector for farmers and entrepreneurs**” on 24th May 2020, organized by Mansarovar Global University.
7. A paper entitled “**Cosmeceutical activity of medicinal mushroom**” by Manisha Mishra and Deepa Srivastava, was presented in **National Seminar on Recent Advances in Fungal Diversity, Plant-Microbes Interaction and Disease Management. (RFPIDM-2020)** held on February 28-29, 2020, organized by Centre of Advanced Study in Botany, Institute of Science, Banaras Hindu University, Varanasi, India, page No: 143.
8. Presented a Paper entitled “**Recent progress in extraction, Isolation and Characterization of Natural Products from Medicinal Plants**” in National Conference on “**Omics for food, health and Environment**” (OFHE-2020), held on February 14 & 15, 2020, organized by “Department of Biotechnology, DDU Gorakhpur University, Gorakhpur (page 55-56)
9. **National Conference on Smart material and sustainable Technologies (NCSMST) on 23-24 Feb, 2019, Paper Title: “Viral nanoparticles: Turning the curse into rewards”** By : Deepa Srivastava, Organized by: Department of Chemistry, D.D.U. Gorakhpur University, Gorakhpur.
10. **National Conference on “Emerging trends in Science on 1-2 February 2019, Paper Title: “Management of Japanese encephalitis with Arctigenin from Ipomoea cairica L. (Sweet),** By: Deepa Srivastava, Organized by: Faculty of Science, Maharana Pratap P.G. College, Jungle Dhusar, Gorakhpur.
11. **National Seminar on Plant Viruses and Researches In Plant Sciences at Birth Century of Prof. K. S. Bhargava and Alumni meet of Botany Department (AMBD) on Nov 01-02, 2018, Paper Title “Medicinal Plants: A repository of antiviral metabolites”** By Deepa Srivastava, Organized by: D.D.U. Gorakhpur University, Uttar Pradesh, India,
12. **National Conference on “Challenges of Environmental problem in 21st Century” Paper Title- “Challenges of Japanese’s encephalitis due to environmental problem”,** Organized By: Department of Zoology, Marwar Business School, Gorakhpur, By: Deepa Srivastava and K. Shukla on 26 & 27 March, 2017, Page 66
13. **National Conference on “Plant-our life; A medico- botanical View” Paper Title- “Status of Medicinally important Ipomoea species present in Gorakhpur**

District”OrganizedBy:Department of Botany, Marwar Business School, Gorakhpur By: Deepa Srivastava and K.shukla on 9 & 10 March, 2017, Page 57

14. **National Conference on “Underutilized plant Ipomoea cairica and its potential to be used as medicine”Paper Title- “Underutilized plant Ipomoea cairica and its potential to be used as medicine”Organised By: Department of Botany, D.D.U. Gorakhpur University, Gorakhpur,By: Deepa Srivastava and K.shukla on 20 & 21 January, 2017, Page 27**
15. **National Conference on “ Climate Change and Management of Natural Resource.....water Paper Title- “Water resource management to control Japanese encephalitis”Organised by Udyaniki Krishi Anusandhan Samiti, Lucknow, India, By: Deepa Srivastava, Priyanka Chaudhry and K.shukla on 25 December, 2016 , Page 14**
16. **National Seminar on “Advances in Plant Science Frontier: Development and Environment” (APSF-2016), Paper Title-“Medicinally important plants of genus Ipomoea present in Gorakhpur district, Uttar-Pradesh, India”.Organized By: Gandhi Faiz-e-Aam College, Shahjahanpur, Uttar Pradesh,By: Deepa Srivastava and K.shukla on 26 & 27 November, 2016, ISSN:2320-1193, Online ISSN:2394-448X, Vol 5. (Supplementary Issue), Pg 85**
17. **XXXIX All India conference of “The Indian Botanical Society”and National Symposium on “New Approaches and recent challenges in Botany”Paper Title- “Evaluation of antiviral activities of leaves extract of Ipomoea cairica against Japanese encephalitis virus,Organised By: Department of Botany, Ranchi University,Ranchi,Jharkhand,India, By: Deepa Srivastava and K.shukla on 21 & 23 October16, page 97**
18. **National conference on “Man and Biosphere”Paper Title- “Ipomoea cairica: potential antiviral agents for Japanese encephalitis virus infection”,Organised By: Department of Zoology, Marwar Business School, Gorakhpur,By: Deepa Srivastava and K.shukla on 9th and 10th Feb 2016**
19. **National Conference on “Emerging trends in Fungal Biology and Plant Protection ETFPP- 2016,and 42nd Annual Meeting of the Mycological Society of India BHU , India,Paper Title- “Blight disease of anticancer medicinal plant Catharanthus roseus (L.)G. Don in Gorakhpur,By: Deepa Srivastava, Satya Narayan and K.shukla on 16 & 18 Feb, 2016**
20. **National conference on “Plant Medicine, Biodiversity-Climate link”Paper Title- “Medicinal Plants of genus Ipomoea found in north eastern Uttar Pradesh,Organised By: Department of Botany, Marwar Business School, Gorakhpur ,By: Deepa Srivastava and K.shukla on 2nd and 3rd Feb 2016**

21. **National Conference on Science for Rural India, *Paper Title-* “Impact of weather variables on mosquitoes infected with Japanese encephalitis virus in Gorakhpur district, Uttar-Pradesh” Organised By: VIJNANA BHARTI” at BRDPG College, Deoria. By: Deepa Srivastava, Bhuvnesh Pratap and K. Shukla on 30 & 31 January, 2016**
22. **National Conference on “Climate change, Medicinal Plant and public health: strategizing an ethnobotanical-social resilience” St. Andrew’s College (Department of Botany), Gorakhpur, *Paper Title-* “Evaluation of Ipomoea cairica (L) Sweet as biopesticide against Japanese encephalitis vectors” By: Deepa Srivastava, Bhuvnesh Pratap and K. Shukla on 27th and 28th January 2016**
23. **National Seminar on “Climate Change and Biodiversity Conservation” organised by Udyaniki Krishi Anusandhan Samiti”, Lucknow *Paper Title-* “Analysis of the Spread of Japanese Encephalitis with Environmental Effects in Gorakhpur District” By: Deepa Srivastava and K. Shukla on 25th December 2015**
24. **XXXVIII All India Botanical Conference at Department of Botany, University of Rajasthan, Jaipur, *Paper Title-* “In vitro callus induction from leaf explants of Withania somnifera (L.) Dunal (Ashwagandha): An Important medicinal plant” By: Deepa Srivastava, Rajnish Rai and Swati Shahi on 26 -28 October, 2015**
25. **National Conference on Health and Biodiversity (COHEB-2015), Marwar Business School, Gorakhpur. *Paper Title-* “Morpho-anatomical and physicochemical analysis of Ipomoea cairica (L) Sweet leaves” By: Deepa Srivastava and K. Shukla on 2nd and 3rd March, 2015**
26. **National Conference on Challenges of Biological and Environmental Science in 21st Century in SVM, Gorakhpur, *Paper Title-* Morphological and physicochemical analysis of Ipomoea cairica leaves” By: Deepa Srivastava and K. Shukla on 19-20 December, 2014.**
27. **Indian Virological Society (IVS) XXIII National Conference on Recent trend in virology research in the Omics Era” organized by Tamil Nadu Agricultural University, Coimbatore *Paper Title:* “Japanese encephalitis an increasing trend in North-eastern Uttar Pradesh, By- Deepa Srivastava, Naveen Panday and K. Shukla on 18-20, Dec 2014**
28. **XXXVII All India Conference of the Indian Botanical Society Organised by V.G. Vaze College in the memory of Shri. Bhausaheb Kelkar, *Paper Title:* Ipomoea cairica a potential medicinal plant and its antioxidant activity, By- Deepa Srivastava, Tulikamishra and K. Shukla on November 7th -9th 2014**

29. **National Seminar on Advances in Biological Sciences (ABS-2014) organized by Marwar Business School, Gorakhpur, Paper Title: Ipomoea cairica and its potential to be used as medicine, By- Deepa Srivastava and K. Shukla in March, 2014**
30. **National Seminar on recent trend in Microbiology, D.D.U. Gorakhpur, University, Gorakhpur, Paper Title: Molecular characterization of a phytoplasmal disease on Periwinkle (Catharanthus roseus) in Gorakhpur, U.P., By- Deepa Srivastava and K. Shukla in 2014**
31. **XXXVI All India Conference of The Indian Botanical Society Plant Wealth and Human Welfare Department of Botany, D.D.U Gorakhpur University, Gorakhpur, Paper Title: Japanese encephalitis and role of plants for its management, By: Deepa Srivastava and K. Shukla in 2013**
32. **XXI National Conference on Immunobiology and Management of Viral Diseases in 21st Century organized by Indian Veterinary Research Institute, Mukteshwar, Nainital (UK), Paper Title: Identification of a Watermelon Mosaic Virus associated with mosaic disease of Catharanthus roseus in North-Eastern Uttar Pradesh and its histopathological effect, By- Deepa Srivastava, Naveen Panday, A.K. Tiwari and K. Shukla in 2012**
33. **National Conference on Biodiversity: Changing patterns and conservation strategies (BCPS-2011), Department of Botany, D.D.U Gorakhpur University, Gorakhpur, Paper Title: Botanical Therapeutics and challenges of twenty first Century, By: Deepa Srivastava and K. Shukla in 2011**
34. **XVIII National Conference of Indian Virological Society, Chandigarh, India, Paper Title: Natural occurrence of virus like symptoms on Neem (Azadirachata indica) in Gorakhpur District, By- Pandey Naveen, Deepa Srivastava and Shukla. K in 2008**
35. **XVIII National Conference of Indian Virological Society, Chandigarh, India, Paper Title: Detection of a yellow mosaic disease on periwinkle (Catharanthus roseus) [L.] G. Don. In Gorakhpur, U.P. caused by a potyvirus, By- Deepa Srivastava, Naveen Pandey and K. Shukla in 2008**
36. **Annual Meet and National Symposium on Advancing Frontier of Plant Disease Management” Narendra Deva University of Agriculture and technology Kumarganj, Faizabad, India, Paper Title: Viral Infections on some efficacious medicinal plants from**

tarai belt of North-Eastern U.P.,By: Priyanka Pradhan, *Deepa Srivastava* and *K. Shukla* in 2007

37. Annual Meet and National Symposium on Advancing Frontier of Plant Disease Management” Narendra Deva University of Agriculture and technology Kumarganj, Faizabad, India, *Paper Title: Incidence of viral diseases on medicinal plants of family Euphorbiaceae in North-Eastern U.P.,By- Swapana Gupta, Deepa Srivastava and K. Shukla in 2007*
38. National Symposium on Plant Pathogens: Exploitation and Management & SBAM Mictotec-2006 Junior Scientist Award at “59th Annual Meeting, Indian Phytopathological Society, Jabalpur,(M.P.) India, *Paper Title: Histopathological Studies on virus infected Catharanthus roseus,By: Deepa Srivastava, Pallavi Sharma and K. Shukla in 2007*
39. Indian Phytopathological Society Annual meeting (M.E. Zone) and Symposium on microbial Diversity and Plant Health Problems at Department of Botany, D.D.U. Gorakhpur University, Gorakhpur,*Paper Title: Effect of application of selected medicinal plant extract on the incidence of periwinkle mosaic virus, By- Deepa Srivastava and K. Shukla in 2006*
40. Indian Phytopathological Society Annual meeting (M.E. Zone) and Symposium on microbial Diversity and Plant Health Problems at Department of Botany, D.D.U. Gorakhpur University, Gorakhpur,*PaperTitle:Some potential Medicinal plants used in Ayurvedic Therapy and their viral affliction, By- Deepa Srivastava and K. Shukla in 2006*
41. Annual conference of I.B.S held at Udaipur, Rajasthan, *Paper Title:Effect of yeast Extract in cell Suspension Culture of Withania somanifera (L.)Dunal, By- Deepa Srivastava and K. Shukla in 2006*
42. National Seminar on Biological Chemist Advancing Frontier D.D.U. Gorakhpur University, Gorakhpur, *Paper Title: Biochemical aspects of callus and cell Suspension culture of Withaniasomnifera (L) Dunal., By- Deepa Srivastava and K. Shukla in 2005*

WORKSHOP & SEMINARS

S.No	Workshop	Name	Organized By	Date
1.	International Workshop	Workshop on Cyber Security	International Science Community Association	5th to 10th August 2023
2.	International	Workshop on Time	International Science Community Association	5th to 10th August

	Workshop	Management		2020
3.	Faculty Development Programme	Capacity Building in IPR and Innovation, Drug discovery and Traditional Medicine	Sponsored by STRIDE-UGC, NEW DELHI and organised by Institution Innovation Council, St. Andrew's College, Gorakhpur, Uttar Pradesh.	28 th , 29 th and 30 th July 2020
4.	National Workshop	Intellectual Property Right	Government P G College Nagnath-Pokhari (Chamoli), Uttarakhand & National Research Development Corporation, New Delhi, India	21 July 2020
5.	International Workshop	Workshop on Personality Development	International Science Community Association	5 th to 10 th August 2019
6.	National Workshop	Workshop on Tools and Techniques in Life Sciences	Department of Zoology, D.D.U. Gorakhpur University, Gorakhpur	25-26 March, 2019
7.	National Workshop	Short Term Course in MOOCs, e-content development and Open Educational Resources	UGC-Human Resource Development Centre	21 st -27 th September 2018
8.	International Workshop	International Workshop on Personality Development	International Science Congress Association	5th to 10th August 2018
9.	International Workshop	International Workshop on Environmental Studies	International Science Congress Association	5th to 10th August 2017
10.	International Workshop	Workshop on scientific writing	International Science Congress Association and Ganpath University, Mehsana Gujrat	8th to 19th May 2017
11.	International Workshop	Workshop on Environmental Studies	International Science Congress Association	5th to 10th August 2016
12.	International	International Workshop	International Science Congress Association and	8th to 10th

	Workshop	on Statistical Skill	Maharaja Ranjit Singh College of Professional Sciences, Indore, M.P., India	August 2015
13.	National Workshop	The Intellectual Property Right, Geographical Identification and Innovation Management	Department of Botany, D. D. U. Gorakhpur University, Gorakhpur	22 nd to 23 rd March 2017
14.	National Workshop	Statistical Analysis for Biological Data (SABD-2017)	Department of Botany and Department of Industrial Microbiology, D. D. U. Gorakhpur University, Gorakhpur	16 th to 18 th March 2017
15.	National Workshop	Scientific paper writing and effective communication	Department of Biotechnology, D. D. U. Gorakhpur University and Biozone Research Foundation, Gorakhpur	17 th to 18 th September 2016
16.	National Workshop	Molecular cytogenetic technique in life science	Department of Botany, St. Andrew's College, Gorakhpur, sponsored by DBT, New Delhi	12 th to 18 th March 2016

E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the module	Platform on which module is developed	Date of launching e - content
Deepa.moodlecloud.com	Moodle Cloud	30.3.2019

(i) *Link of Profile (University Link, Research gate, Google Scholar etc.)*

1. http://erp.ddugu.ac.in/faculty_profile/faculty_profile_1.aspx?uid=349
2. <https://www.researchgate.net/profile/Deepa-Srivastava-3>
3. <https://scholar.google.com/citations?user=Pz3BQe0AAAAJ&hl=en>

(ii) Research ID (ORCID/WoS/Publon/Google Scholar/VIDWAN/Research Gate etc.)

<https://orcid.org/0000-0003-0796-3814>

<https://www.scopus.com/authid/detail.uri?authorId=55701943000>

<https://www.webofscience.com/wos/author/results/1/relevance/1>

<https://www.webofscience.com/wos/author/record/AAC-1926-2020>

<https://scholar.google.com/citations?user=Pz3BQe0AAAAJ&hl=en>

<https://www.researchgate.net/profile/Deepa-Srivastava-3>

<https://vidwan.inflibnet.ac.in/profile/318448>

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Patent Filed/ Published

Sr. No.	Title of patent Project	Patent Number	Date of Award	International / National
1	A system for the isolation and structure determination of arctigenin from Ipomoea carica	German application number 202023107712	1.2.2024	International