

**Curriculum Vitae of Dr. J. P.YADAV, Prof. & Dean, Faculty of Life Sciences,  
Department of Genetics, M. D University, Rohtak**



**Name:** Dr. Jayaparkash Yadav  
**Father's Name:** Shri Laxmi Datt Yadav  
**Date of birth:** 1 -1-1964  
**Work Address:** Dr. Jayaparkash Yadav  
Professor, Department of Genetics, M. D. University,  
Rohtak-124001, Haryana, India  
**Permanent Address:** **Village & P.O- Khatiwās, Teh. & District- Jhajjar-124103**  
**Present Address:** House No.-339, Sector-14, HUDA,  
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**Academic Qualification:** M. Sc. Biosciences in 1986; Ph. D. Biosciences in 1991

**Academic distinction:**

1. Awarded University Grants Commission NET JRF in 1987
2. Awarded University Grants Commission SRF in 1989
3. Awarded Research Associateship by CSIR, New Delhi in 1991.
4. Prof. R.P. Roy Young Scientist Award by Society of Cytology and Genetics, India.
5. Member of Advisory Committee of National Society of Ethnopharmacology.
6. Act as Joint Secretary for organizing: a) National conference of Society of Cytology and Genetics, India, March 8-10, 1996. b) National Symposium of Recent Advances in Biosciences, Nov. 3-5, 2005.
7. Warden Boys Hostel, M.D. University, Rohtak from Oct.29, 2005 to Dec. 12, 2007
8. Member Executive Council of M.D. University, Rohtak from 23 July, 2007 to 15<sup>th</sup> June, 2009
9. Chaired a session in International Conference on Medicinal and Aromatic Plants held at Cape Town, South Africa in Nov, 2008.
10. In Editorial Board of Plant Archives Journal, Journal of Plant Sciences and Bioresearch Bulletin, European Journal of Medicinal Plants (Academic Editor).

11. Awarded UGC fellowship under education Cultural Exchange Programme to visit South Africa in 2008.
12. Member Academic Council of M.D. University, Rohtak from 16th June, 2009 to contd
13. Member UGC Expert Committee for sanctioning Projects and conferences financial assistance in 2009.
14. Member UGC Expert Committee for MRP in the subject of Genetics( 20<sup>th</sup> October, 2010 & 22<sup>nd</sup> March 2011) and Botany (23-24<sup>th</sup> October, 2010 & 23<sup>rd</sup> March, 2011), 2010-11
15. Awarded International Travel Grant from CSIR, New Delhi & CCSTDS, Chennai to attend SEGH 2010 at Ireland from 27<sup>th</sup> June to 2<sup>nd</sup> July, 2010.
16. Chaired a Session in Plant Science Section in 100<sup>th</sup> Session of Indian Science Congress held at University of Kolkata, Kolkata from 3<sup>rd</sup> Jan. to 7<sup>th</sup> Jan., 2013.
17. Convener of National Seminar on “Recent Advancements in Application of Genetics”, organized by Department of Genetics, M. D. University on March 20, 2013.
18. Member of Evaluation of Major Research Project of National Medicinal Plant Board, Department of Ayush, Ministry of Health and Family Member, New Delhi.
19. Reviewer of Research proposal of International Grants Unit, National Research Foundation, South Africa, 2013.
20. Convener of National Seminar on “Novel Antimicrobials: An Alternative to Clinical Antibiotics”, under UGC –SAP organized by Department of Genetics, M. D. University on September 14, 2013.
21. Co-Chaired a Session in International Conference on Current Status, Opportunities and Challenges in Medicinal Plants and Natural Product Research held at Uka Tarsadia University, Bardoli, Gujrat on 25<sup>th</sup> Sept., 2014.
22. Member UGC Expert Committee for MRP in the subject of Genetics (18<sup>th</sup> Dec., 2014).
23. Member of the Sectional Committee of the Section of Plant Science, Indian Science Congress for the Session 2015-16.
24. Convener of National Conference on “Therapeutic Potential of Natural Products: Current Innovations and Future Trends”, under UGC –SAP organized by Department of Genetics, M. D. University on March 19, 2015.
25. Convener of National Conference on “Genetic Diversity and Therapeutic Potential of Natural Products”, under UGC –SAP organized by Department of Genetics, M. D. University on September 17, 2016.
26. Chaired a Session in International Conference on Emerging Areas of Environmental Science and Engineering held at Guru Jambheshwar University of Science and Technology on Feb. 17, 2017.
27. Co-Chaired a Session and Expert Panelist in International Conference on Technological Advancement for Sustainable Agriculture and Rural Development held at NAAS Complex, New Delhi on Feb. 21, 2017.
28. Chaired a Session in 4<sup>th</sup> International Congress of the Society for the Ethno pharmacology held at Uka Tarsadia University, Bardoli, Gujrat on Feb. 24, 2017.
29. Convener of National Conference on “Current Scenarion in Forensic Investigative Technique”, under UGC –Innovative programme by Department of Genetics, M. D. University on Sept 07, 2017.
30. Convener of National Workshop on “Intellectual Property Rights Protection”, sponsored by Patent Information Centre, Haryana State Council for Science and

Technology, Panchkula, Haryana organized by Department of Genetics, M. D. University on Nov. 03, 2018.

31. Convener of National Workshop cum Awareness Programme on “Bioethics in Research: A Need or Compulsion”, sponsored by R.K.Fund M.D.University, Rohtak organized by Department of Genetics, M. D. University on Nov. 15, 2018.
32. Selected & attended Leadership for Academicians Programme organized by IIT, Roorkee and Michigan Ross, USA sponsored by MHRD, New Delhi held from November 17 to December 7, 2018.
33. Convener of online Workshop on “Holistic Approach Towards research in Pandemic”, jointly organized by ShoD Haryana and Department of Genetics, M.D.University, Rohtak, from 27<sup>th</sup> June to 3<sup>rd</sup> July, 2020.
34. Convener of one week workshop on “Research Methodology in Life Sciences”, organized by Faculty of Life Science in collaboration with Ch. Ranbir Singh Institute of Social and Economic Change, M.D.university Rohtak conducted from 1<sup>st</sup> April to 5<sup>th</sup> April, 2021.
35. Convener of two days National Conference on on “Natural Products and Human Health: Opportunities and Challenges in Present Scenario”, organised under UGC STRIDE project from 9<sup>th</sup> to 10<sup>th</sup> April, 2021, M.D.University, Rohtak.
36. Chaired a session in two days National conference on “ Quality Control OF Indian Medicinal Plants- Standarised Raw Material to Finished Products”, organized by Department of Pharmaceutical Sciences, M.D. University, Rohtak from 25<sup>th</sup> to 26<sup>th</sup> March, 2021

- Research experience:**
1. As JRF; 1<sup>st</sup>, June, 1987 to 28<sup>th</sup> July, 1989
  2. As SRF; 29<sup>th</sup> July, 1989 to 30<sup>th</sup> July, 1991
  3. As RA; 31<sup>st</sup> July, 1991 to 8<sup>th</sup> Oct., 1991.

**Teaching, Research and Administrative experience at University level:**

Name of University	Designation	Nature of post	Class taught	Period	
				From	to
M.D. University, Rohtak	Lecturer	Teaching & Research	M.Sc. & Ph.D	09/10/1991	09/10/1996
M.D. University, Rohtak	Sr. Lecturer	Teaching & Research	M.Sc. & Ph.D	10/10/1996	09/10/2000
M.D. University, Rohtak	Reader/Assoc Prof	Teaching & Research	M.Sc. & Ph.D	10/10/2000	09/10/2008
M.D. University, Rohtak	Professor	Teaching & Research	M.Sc. & Ph.D	10/10/2008	Contd
M.D. University, Rohtak	Head, Department of Genetics	Administrativ, Teaching & Res.	M.Sc. & Ph.D	04/01/2010	03/01/2013
M.D. University, Rohtak	Head, Department of Genetics	Administrative Teaching & Res.	M.Sc. & Ph.D	04/01/2016	03/01/2019
M.D.	Coordinator	Research and		01/04/2012	31/03/2017

University, Rohtak	UGC SAP, UGC Innovative	Administration			
M.D. University, Rohtak	Coordinator DST FIST	Research and Administration		01/04/2012	31/03/2017
M.D. University, Rohtak	Nodal Officer NIRF	Administrative		31/12/2015	Contd.
M.D. University, Rohtak	Coordinator GIAN	Administrative		01/09/2017	Contd
M.D. University, Rohtak	Dean, Faculty of Life Sciences	Administrative Teaching & Res		05/08/2020	To contd.

**Research Publications: Book published = 4**

Research paper published = **179**

Gene sequences submitted to NCBI and Accession No. allotted: **162**

Abstract published = **117**

M. Sc. Dissertations = **23**

Ph. D. Thesis completed = **20**

**National and International Conferences attended and presented papers: 58**

**Reviewer for more than 85 National and International Journals of repute.**

**Research Project:**

Dr. J.P. Yadav	1. Study of fungal Endophytes associated with <i>Salvadora oleoides</i> and effect of their secondary metabolite on Antimicrobial, hypoglycemic and hypolipidemic activity.	3 years	UGC F. NO.34-220/2008(SR) 29 <sup>th</sup> Dec. 2008	12,52,368/-
Dr. J.P.Yadav	Studying the impact of climate change on quality & quantity of secondary metabolites in some commercial medicinal plants	3 years	National Medicinal Plant Board, New Delhi/Project No. R&D/HR-01/2012 Dated 24/11/2011	21,56,200/-
Dr. J.P.Yadav	Coordinator of Project Characterization of Antimicrobial Compounds of Plants and Bacteria	5 years	UGC, New Delhi No. F.3-2012(SAP-II) Dated 23 Oct., 2012	48.75 lacs
Dr. J.P.Yadav	Coordinator of DST- FIST	5 years	DST New Delhi SR/FIST/LS1-038/2011 Dated 20 December, 2011; Effective Date 02 <sup>nd</sup> March, 2012.	62 lacs

Dr. J.P.Yadav	Coordinator Programme	UGC	Innovative	5 years	UGC New Delhi No.F.14-4(B)/2012 (Inno/Asist) Dated Jan, 2012. Effective Date 01.04.2012	60 lacs
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**No. of Ph.D. student guided =25**

**Refresher courses attended = 8**

**National & International conferences/symposium attended and presented papers: 56**

**Workshop attended:** 1. UNESCO Training workshop on Herbarium Conservation Technique at F.R.I. Dehradun from 16<sup>th</sup> – 28<sup>th</sup> March, 2001.  
2. DBT sponsored training programme on Medicinal Plant Biotechnology at Regional Research Laboratory, Jammu from 7 - 3-1994 to 25-3-1994.

Currently engaged in research on medicinal plants of Haryana

**National & International conferences/symposium attended and presented papers:**

1. 58<sup>th</sup> Annual Session of National of Academy of India held at Jammu University, Jammu from Nov. 5-7, 1988.
2. 2<sup>nd</sup> All India Conference of Cytology and Genetics held at Kakatiya University, Warangal from Dec. 28-30, 1988.
3. 76<sup>th</sup> Session of the Indian Science Congress Association held at Madurai Kamraj University, Madurai from Jan. 7-12, 1989.
4. 8<sup>th</sup> All India Congress of Zoology held at Kakatiya University, Warangal from June 13-15, 1989.
5. 58<sup>th</sup> Annual meeting of Society of Biological Chemists (India) held at IVRI, Izatnagar from Oct. 16-18, 1989.
6. 59<sup>th</sup> Annual Session of National Academy of Sciences India held at Osmania University, Hyderabad from Jan. 6-8, 1990.
7. 77<sup>th</sup> session of Indian Science Congress Association held at Cochin University of Science and Technology from Feb. 4 -9, 1990.
8. 7<sup>th</sup> All India Conference of Cytology and Genetics held at University of Kalyani from Dec 22-26, 1990.
9. 60<sup>th</sup> Annual Session of National Academy of Sciences, India held at Allahabad University, Allahabad from May 3-5, 1991.
10. 61<sup>th</sup> Annual Session of National Academy of Sciences, India held at Meerut University from Dec. 19-21, 1991.
11. 4<sup>th</sup> All India Conference on Cytology and Genetics held at Bangalore from Nov. 5-7, 1992.
12. 16<sup>th</sup> International Congress of Biochemistry and Molecular Biology at New Delhi from Sept. 19-22, 1994.
13. 5<sup>th</sup> All India Congress on Cytology and Genetics held at Kurukshetra University, Kurukshetra from Sept. 26-28, 1994.
14. 11<sup>th</sup> National Symposium on Development held at M. D. University, Rohtak from March 25-27, 1995.
15. National Symposium on Recent Advances in Biosciences held at M. D. University, Rohtak from Nov. 3-5, 1995.

16. Sixth All India Conference on Cytology and Genetics held at M. D. University, Rohtak from March 8-10, 1996.
17. 17<sup>th</sup> Annual Session of the Academy of Environmental Biology held at M. D. University, Rohtak from Nov. 16-18, 1996.
18. National Seminar on “Emerging trends in Research and Management of Medicinal and Aromatic Plants”, held at CCSHAU, Hisar from March 11-13, 2003.
19. 12<sup>th</sup> National Symposium on Environment held at Tehri Campus of H.N.B Garhwal University from 5-7, June, 2003.
20. National Seminar on Emerging Environmental Issues and Technological Challenges held at G.J.U., Hisar from Sept. 1-2, 2003.
21. National Seminar on “Research and Developments in Production, Protection, Quality, Processing and Marketing of Medicinal & Aromatic Plants”, held at CCSHAU, Hisar from 27-29 Feb, 2004.
22. International conference on Ethnopharmacology and Alternative Medicine held at Amala Cancer Research Centre, Thrissur, Kerala from 20 to 22 Jan., 2005.
23. 94<sup>th</sup> Session of Indian Science Congress Association held at Annamalai University, Annamalainagar, Chidambaram from January 3 to 7, 2007.
24. National Conference on Biotechnology at M. D. University, Rohtak from August 20-21, 2007.
25. 12<sup>th</sup> Foundation Day Symposium “Molecular Medicine- the emerging frontiers” of Biotechnological Society of India organized by The Department of Biotechnology & Molecular Medicine, PGIMS, Rohtak on Jan. 9<sup>th</sup>, 2008.
26. HEC sponsored State Level Seminar on “ Biological Science- A Current Perspective”, organized by Pt Neki Ram Sharma Government College, Rohtak from March 12-13, 2008
27. 16<sup>th</sup> National Symposium on Environment held at Guru Jambheshwar University, Hisar from July 16-18, 2008.
28. 4<sup>th</sup> World Conference on Medicinal and Aromatic Plants held at International Conference Centre, Cape Town, South Africa from November 9-14, 2008.
29. National Conference on Traditional Knowledge Systems, Intellectual Property Rights and their Relevance for Sustainable Development held at NAS Complex, NISCAIR (CSIR), New Delhi from November 24-26, 2008.
30. National workshop on Prospects and Problems in Production, Processing and Marketing of Medicinal and Aromatic Plants in Haryana held at CCSHAU, Hisar from March 20-21, 2009.
31. 97<sup>th</sup> Session of Indian Science Congress Association held at Kerala University, Thiruvananthapuram from January 3 to 7, 2010.
32. National seminar on Computing Life: Raw to Refine held at Dept of Zoology, Maharshi Dayanand University, Rohtak on March 27, 2010.
33. National seminar on Environmental challenges: Sustainable Development held at Department of Environmental Science, Maharshi Dayanand University, Rohtak from March 29 to 30, 2010.
34. National Conference on Medical Biotechnology- Vision 2020 held at Department of Biotechnology, Maharshi Dayanand University, Rohtak from April 16 to 18, 2010

35. SEGH 2010 International Conference and workshops of the Society for Environmental Geochemistry and Health on Environmental Quality Health held at National University of Ireland, Galway, Ireland from June 27 to July 2, 2010.
36. International Conference on Traditional Practices in Conservation Agriculture held at Udaipur University, Rajasthan, India from September 18 to 20, 2010.
37. National Conference on Environmental and Health Issues: In a Changing Climatic Scenario held at Department of Environmental Sciences, M.D. University, Rohtak from October 14 to 15, 2010.
38. 98<sup>th</sup> Session of Indian Science Congress Association held at SRM University, Chennai from January 3 to 7, 2011.
39. National Conference on Biodiversity: Challenges & Opportunities held at Department of Botany, Maharshi Dayanand University, Rohtak from February 18 to 19, 2011.
40. 6<sup>th</sup> National Conference on Thermodynamics of Chemical and Biological Systems held at Department of Chemistry, M.D. University, Rohtak from November 2<sup>nd</sup> to 4<sup>th</sup>, 2011.
41. 99<sup>th</sup> Session of Indian Science Congress Association held at KIIT University, Bhubaneswar from January 3 to 7, 2012.
42. 12<sup>th</sup> International Congress of Ethnopharmacology organized by School of Natural Product, Jadavpur University, Kolkata, held at Science City, Kolkata from Feb. 17 to 19, 2012.
43. 100<sup>th</sup> Session of Indian Science Congress held at University of Kolkata, Kolkata from 3<sup>rd</sup> Jan. to 7<sup>th</sup> Jan., 2013.
44. International Conference and Exhibition on Traditional & Alternative Medicine held at Radisson Blu Plaza Hotel, Hyderabad from December 09-11, 2013.
45. 101<sup>th</sup> Session of Indian Science Congress held at University of Jammu, Jammu from 3<sup>rd</sup> Feb. to 7<sup>th</sup> Jan., 2014.
46. 18<sup>th</sup> Annual Convention of Society of Pharmacognosy on Promotion and Globalisation of Indian Herbal Products-Perspectives and Prospects held at M. D. University, Rohtak from 21<sup>st</sup> Feb. to 22<sup>nd</sup> Feb., 2014.
47. International Conference on Current Status, Opportunities and Challenges in Medicinal Plants and Natural Product Research held at Uka Tarsadia University, Bardoli, Gujrat from 24<sup>th</sup> to 26<sup>th</sup> Sept., 2014.
48. International Conference on "Integrating Medicinal Plants with Forestry Sector", held at Shakuntalam Theatre, Pragati Maidan, New Delhi on 8.11.14 & 9.11.14 organised by National Medicinal Plant Board, New Delhi.
49. 102<sup>th</sup> Session of Indian Science Congress held at University of Mumbai, Mumbai from 3<sup>rd</sup> Feb. to 7<sup>th</sup> Jan., 2015.
50. National Conference on Therapeutic Potential of Natural Products: Current Innovations & Future Trends held at M. D. University, Rohtak on March 19, 2015.
51. 2<sup>nd</sup> International Conference on Past and Present Research Systems of Green Chemistry held at Orlando, USA from September 14 to 16, 2015.

52. Seminar on Recent Approaches to Sustainable Research and Development of Aromatic and Medicinal Plants held at CCS Haryana Agriculture University, Hissar from 29<sup>th</sup> Feb. to 1<sup>st</sup> March, 2016.
53. National Conference on Genetic Diversity and Therapeutic Potential of Natural Products held at Department of Genetics, M. D. University on September 17, 2016.
54. National Conference on Trends in Nanobiotechnology held at CCS Haryana Agriculture University, Hisar on November 29-30, 2016.
55. International Conference on Emerging Areas of Environmental Science and Engineering held at Guru Jambheshwar University of Science and Technology from Feb. 16-18, 2017.
56. 4<sup>th</sup> International Congress of the Society for the Ethnopharmacology held at Uka Tarssadia University, Bardoli, Gujrat from Feb. 23-25, 2017.
57. 106<sup>th</sup> Session of Indian Science Congress held at Lovely Professional University Phagwara, Jalandhar from 3<sup>rd</sup> Feb. to 7<sup>th</sup> Jan., 2019.
58. International Conference on Climate Change towards Health and Agricultural Sustainability held at Guru Jambheshwar University of Science & Technology, Hissar from Feb 18-20, 2019.
59. 107<sup>th</sup> Session of Indian Science Congress held at University of Agriculture Sciences, Bangalore from 3<sup>rd</sup> to 7<sup>th</sup> Jan., 2020.

**No. of Orientation Programme/ Refreshers Courses Attended:**

1. Orientation Programme at Academic Staff College, H.P. University, Shimla from 12-7- 1993 to 7- 8- 1993.
2. Refresher course in Biosciences at Academic Staff College, H.P. University, Shimla from 1-11-1993 to 20-11-1993.
3. Refresher course in Environment at Academic Staff College, H.P. University, Shimla from 20-5-1996 to 8-6-1996.
4. Refresher course in Biosciences (Botany) at Department of Biosciences, M. D. University, Rohtak from 12-2-1996 to 3-3-1996.
5. Orientation Programme for Academic Counselor held at IGNOU, Regional Centre, Karnal from 27-11-1998 to 28-11-1998.
6. Refresher course in Environment Awareness at Academic Staff College, H.P. University, Shimla from 21-8-2000 to 9-9-2000.
7. Orientation Programme for Academic Counsellors held at IGNOU, Regional Centre, Delhi-1 from 16-07-2001 to 17-07-2001.
8. Refresher course in Criminology and Forensic Science organized by National Institute of Criminology and Forensic Science, Ministry of Home Affairs, from 4-9-2001 to 24-9-2001.
9. Leadership for Academicians Programme organized by IIT, Roorkee and Michigan Ross, USA sponsored by MHRD, New Delhi held from November 17 to December 7, 2018.



**No. of Training Programme/ Workshops Attended:**

1. Workshop for training in Cytogenetic Technique for Evaluation of Genome at NBAGR and NIAG, NDRI, Karnal from 14-11-1988 to 18-11-1988.
2. DBT sponsored short term training course on Medicinal Plant Biotechnology at RRL, Jammu from 7-3-1994 to 25-7-1994.
3. UNESCO training workshop on Herbarium Conservation Technique at Forest Research Institute, Dehra Dun from 16-3-2001 to 28-3-2001.
4. Patent Awareness Workshop sponsored by PFC, TIFAC, Deptt of Science & Technology, New Delhi held at Dept. of Biosciences, M.D. University, Rohtak on 21-12-2002.
5. National training programme on Genome Analysis using Molecular Marker at NDRI (ICAR), Karnal from 27-12-2002 to 16-1-2003.
6. Patent Awareness Workshop sponsored by PFC, TIFAC, Deptt of Science & Technology, New Delhi held at Dept. of Biotechnology, H.P. University, Shimla on 21-11-2005.
7. Author Workshop jointly organized by Springer & M. D. University, Rohtak at M.D. University, Rohtak on Feb. 25, 2015.
8. Workshop on Trends in The Evolutionary System Biology & Computational Structural Dynamics sponsored by Department of Biotechnology, Govt. of India, held at CSIR-IHBT Palampur from March 23-24, 2015.
9. User Awareness Workshop on “ User- Centric Content to Empoer Knowledge “, jointly organized by M.D.University, Rohtak and Elsevier on September 4<sup>th</sup>, 2018.

**Reviewer’s of International and National Journals:**

1. ACS Biomaterials Science & Engineering
2. ACS Sustainable Chemistry and Engineering
3. Acta Physiologiae Plantarum
4. Advances in Botany
5. Agricultural Water Management
6. Asian Pacific Journal of Tropical Biomedicine
7. African Journal of Pure and Applied Chemistry
8. African Journal of Pharmacy and Pharmacology
9. African Journal of Microbiology Research
10. African Journal of Biotechnology
11. African Journal of Bacteriology Research
12. African Journal of Traditional, Complementary and Alternative Medicines
13. Annual Review and Research in Biology
14. Applied Physics A
15. Applied Water Science
16. Arabian Journal of Chemistry
17. Archieves of Microbiology
18. Biocatalysis and Agricultural Biotechnology
19. Bionano Science
20. Bioresources and Bioprocessing
21. BMC Oral Health
22. BMC Genomics

23. BMC Complementary and Alternative Medicine
24. Brazilian Journal of Microbiology
25. British Microbiology Research Journal
26. British Journal of Pharmaceutical Research
27. British Journal of Medicine and Medical Research
28. Chemosphere
29. Chinese Medicine
30. Clinical Nutrition Experimental
31. Colloids and Surfaces B: Biointerfaces
32. Current Science
33. Diabetes Research and Clinical Practice
34. European Journal of Medicinal Plants
35. Ecology of Food and Nutrition
36. Electronic Journal of Plant Breeding
37. Experimental Parasitology
38. Genetic Testing and Molecular Biomarkers
39. Green Processing and Synthesis.
40. Heliyon
41. Indian Journal of Agricultural Sciences
42. Indian Journal of Traditional Knowledge
43. Indian Journal Experimental Biology
44. International Journal of Research in Biosciences
45. International Journal of Biological Macromolecules
46. International Journal of Preventive Medicine
47. Jordan Journal of Biological Sciences
48. Journal of Ayurveda and Integrative Medicine
49. Journal of Chemical Technology and Biotechnology
50. Journal of Cluster Science
51. Journal of Ethnobiology and Ethnomedicine
52. Journal of Ethnopharmacology
53. Journal of Experimental Botany
54. Journal of Food and Nutrition Research
55. Journal of Aquatic Food Product Technology
56. Journal of Hazardous Materials
57. Journal of Herbal Medicine
58. Journal of Herb, Spices & Medicinal Plants
59. Journal of King Saud University - Science
60. Journal Medicinal Plants Research
61. Journal of Nanobiotechnology
62. Journal of Nanostructure in Chemistry
63. Journal of Pharmacognosy and Phytotherapy
64. Journal of Pharmacy and Pharmacology
65. Journal of Traditional and Complementary Medicine
66. Journal of Trauma & Treatment
67. Pharmaceutical Biology
68. Letters in Drug Design & Discovery

69. Microbiology Open Wiley
70. Mini Reviews in Medicinal Chemistry
71. Molecular Biology Reports
72. Natural Product Research
73. Nucleus
74. PLOS One
75. Phytotherapy Research
76. Water Research
77. Pharmacognosy Magazine
78. Parasite and Vector
79. SAGE Open Medicine
80. Scientific Report
81. Separation Science and Technology.
82. South African Journal of Botany
83. Steroids
84. The Natural Product Journal
85. Vegetos

#### **List of Publication of Dr. JAYAPRKASH YADAV**

##### **BOOKS**

1. A text Book of Environmental Education, G.V.S. Publisher, 3746, Ist Floor, Kucha Parmanand, Darya Ganj New Delhi (2002). Pages 1-545. ISBN-81-87865-00-8.
2. Medicinal Plants and Genetic Diversity. LAP LAMBERT Academic Publishing GmbH & Co., Germany (2012). Pages 296. ISBN: 978-3-8473-3996-3.
3. Activity of Medicinal Plants Against Isolates of Oral Cancer Cases. LAP LAMBERT Academic Publishing GmbH & Co., Germany (2012). Pages 240. ISBN: 978-3-659-14921-4.
4. Genetic diversity and hypoglycemic studies of *Salvadora* species. LAP LAMBERT Academic Publishing GmbH & Co., Germany (2013). Pages 224. ISBN: 978-3-659-38567-4.

##### **RESEARCH PAPERS**

1. **Yadav, J. P.** and Parkash, R. Latitudinal allozymic variability in *Zaprionus indianus* population from India. Biochem. Genet. (1993) 31 (7/8): 295-306. Impact Factor 1.93
2. **Yadav, J. P.** and Parkash, R., Latitudinal alcohol dehydrogenase activity and ethanol tolerance in drosophilid *Zaprionus indianus* population, Ind. J. Expt. Biol. (1993) 31 (5) 430-434. Impact Factor 1.295
3. Parkash, R. and **Yadav, J. P.** Geographical clinal variation at seven esterase coding loci in Indian populations of *Zaprionus indianus*. Hereditas, (1993) 119: 161-170. Impact Factor 1.066
4. **Yadav, J. P.** and Parkash, R., Allozyme variation in ten Indian natural populations of *Drosophila immigrans*. Korean J. Genet., (1991) 13: 233-246. Impact Factor .31

5. **Yadav, J. P.** and Parkash, R., Alcohol dehydrogenase cline in *Zaprionus indianus* populations. Nat. Acad. Sci. Letters. (1992) 15 (3): 89-93. Impact Factor .173
6. Parkash, R. and **Yadav, J. P.**, Contrasting patterns of electrophoretic and cryptic allozymic variation in Indian populations of two Drosophilids. Evolucion Biologica. (1991) 5: 93-104.
7. Parkash, R. and **Yadav, J. P.**, Allozymic polymorphism in Indian hysic ing natural populations of *Zaprionus indianus*. Korean J. Genet. (1992) 14 (4): 281-296. Impact Factor .31
8. Parkash, R. and **Yadav, J. P.**, Electrophoretic analysis of eight gene-enzyme system in four natural populations of *Drosophila immigrans*. Proc. Natl. Sci. Acad. (1989) 55B: 387-392.
9. **Yadav, J. P.** and Parkash, R., *Drosophila* collection from northeastern part of India. Drosophila Inf. Service. (1991) 70: 233-234.
10. Parkash, R.; **Yadav, J. P.** and Shamina, Allozymic homogeneity in Indian population of *Drosophila busckii*. Korean J. Genet., (1992) 14 (2): 107-118. Impact Factor .31
11. Parkash, R. and **Yadav, J. P.**, Electrophoretic and cryptic variation in sympatric population of two *Drosophila* species. Proc.Soc Cytol & Genet. (1989) 2: 38-45.
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**Gene sequences submitted to National Centre for Biotechnology Information( NCBI), USA and Accession No. allotted.**

1. SCAR Marker Sequence isolated to differentiate two species of *Salvadora* JPY SO5 446 bp was developed and NCBI allotted **Accession No. BankIt1528424 JQ 926182. 4<sup>th</sup> June, 2012.**
2. Nuclear Ribosomal DNA sequences of two New *Aspergillus* strains.
  - i) *Aspergillus* sp. **JPY1**, NCBI allotted **Accession No. JN 900247.**
  - ii) *Aspergillus* sp. **JPY1**, NCBI allotted **Accession No. JN 900248.**
3. 16S rRNA gene sequences of bacterial strains isolated from rhizospheric soil of *Phyllanthus amarus*: 22 Dec., 2012.

Sr. No.	Strain name	Accession numbers	Sr. No.	Strain name	Accession numbers
1	<i>B. marisflavi</i> JP44SK40	JX129227	29	<i>B. megaterium</i> JP44SK35	JX144725
2	<i>B. aquimaris</i> JP44SK28	JX144718	30	<i>B. aryabhatai</i> JP44SK11	JX144701
3	<i>B. megaterium</i> JP44SK1	JX144691	31	<i>Lysinibacillus</i> <i>sphaericus</i> JP44SK4	JX144694
4	<i>B. megaterium</i>	JX144695	32	<i>B. mycoides</i>	JX144726



	JP44SK5			JP44SK36	
5	<i>B. megaterium</i> JP44SK10	JX144700	33	<i>B. simplex</i> JP44SK26	JX144716
6	<i>B. megaterium</i> JP44SK18	JX144708	34	<i>B. simplex</i> JP44SK30	JX144720
7	<i>B. megaterium</i> JP44SK39	JX144729	35	<i>B. firmus</i> JP44SK20	JX144710
8	<i>B. aryabhatai</i> JP44SK38	JX144728	36	<i>B. flexus</i> JP44SK19	JX144709
9	<i>Lysinibacillus</i> <i>sphaericus</i> JP44SK3	JX144693	37	<i>Brevibacillus</i> <i>laterosporus</i> JP44SK51	JX155768
10	<i>Lysinibacillus</i> <i>xylanilyticus</i> JP44SK52	JX155769	38	<i>B. cereus</i> JP44SK22	JX144712
11	<i>B. licheniformis</i> JP44SK6	JX144696	39	<i>B. cereus</i> JP44SK27	JX144717
12	<i>Paenibacillus</i> sp. JP44SK7	JX144697	40	<i>B. cereus</i> JP44SK37	JX144727
13	<i>B. mycoides</i> JP44SK8	JX144698	41	<i>B. cereus</i> JP44SK43	JX155760
14	<i>B. mycoides</i> JP44SK9	JX144699	42	<i>B. cereus</i> JP44SK44	JX155761
15	<i>B. mycoides</i> JP44SK50	JX155767	43	<i>B. cereus</i> JP44SK45	JX155762
16	<i>B. simplex</i> JP44SK12	JX144702	44	<i>B. cereus</i> JP44SK33	JX144723
17	<i>B. simplex</i> JP44SK13	JX144703	45	<i>B. subtilis</i> subsp. <i>Spizizenii</i> JP44SK23	JX144713
18	<i>B. simplex</i> JP44SK32	JX144722	46	<i>Terribacillus</i> <i>saccharophilus</i> JP44SK46	JX155763
19	<i>B. arsenicus</i> JP44SK14	JX144704	47	<i>Terribacillus</i> <i>goriensis</i> JP44SK47	JX155764
20	<i>B. firmus</i> JP44SK16	JX144706	48	<i>Brevibacillus</i> <i>laterosporus</i> JP44SK41	JX155758
21	<i>Bacillus</i> sp. JP44SK17	JX144707	49	<i>B. cereus</i> JP44SK42	JX155759
22	<i>B. marisflavi</i> JP44SK15	JX144705	50	<i>B. cereus</i> JP44SK34	JX144724
23	<i>B. simplex</i> JP44SK31	JX144721	51	<i>B. subtilis</i> subsp. <i>Spizizenii</i> JP44SK24	JX144714
24	<i>B. simplex</i> JP44SK25	JX144715	52	<i>Staphylococcus</i> sp. JP44SK54	KC012991
25	<i>B. simplex</i>	JX144719	53	<i>Jeotgalibacillus</i> sp.	KC012993

	JP44SK29			JP44SK56	
26	<i>B. cereus</i> JP44SK49	JX155766	54	<i>Staphylococcus</i> sp. JP44SK57	KC012994
27	<i>Staphylococcus</i> sp. JP44SK53	KC012990	55	<i>B. megaterium</i> JP44SK2	JX144692
28	<i>Staphylococcus</i> sp. JP44SK55	KC012992	56	<i>B. megaterium</i> JP44SK21	JX144711

4. 16S rRNA gene sequences of Rhizospheric isolates of *Trigonella foenum graecum*, NCBI, USA Accession numbers. Sr. No. 1, 2 & 11 date of released is 24/08/2013.

Sr. No.	Bacterial Strains	NCBI, USA Accession number	Sr. No.	Bacterial Strains	NCBI, USA Accession number
1	<i>Paenibacillus xylanexedens</i> strain TR51T2	KF425505	11	<i>Paracoccus aestuarii</i> strain TR13T1	KF425507
2	<i>Exiguobacterium profundum</i> strain TR26T1	KF425506	12	<i>Leucobacter chromiireducens</i> subsp. <i>Chromiireducens</i> strain TR31T2	
3	<i>Staphylococcus gallinarum</i> Strain TR6T2	KF737153	13	<i>Exiguobacterium</i> sp. strain TR8T2	KF737154
4	<i>Bacillus pumilus</i> strain TR10T1	KF737155	14	<i>Acinetobacter lwoffii</i> strain TR18T2	KF737156
5	<i>Bacillus cereus</i> strain TR24T2	KF737158	15	<i>Acinetobacter lwoffii</i> strain TR25T2	KF737159
6	<i>Delftia lacustris</i> strain TR19T2	KF737157	16	<i>Bacillus thuringiensis</i> strain TR33T2	KF737160
7	<i>Staphylococcus saprophyticus</i> strain TR37T2	KF737161	17	<i>Bacillus altitudinis</i> strain TR38T1	KF737162
8	<i>Bacillus cereus</i> strain TR41T2	KF737163	18	<i>Arthrobacter nicotianae</i> strain TR42T1	KF737164
9	<i>Bacillus subtilis</i> TR47T2	KF737165	19	<i>Pseudomonas mendocina</i> strain TR49T2	KF737166
10	<i>Bacillus megaterium</i> strain TR 57T2	KF737167	20	<i>Pseudomonas stutzeri</i> strain TR62T1	KF737168

5. 16S rRNA gene sequences of clinical isolates of Burn patients and Burn ward environment, NCBI, USA Accession numbers. Date of released is 13/01/2014

Sr. No.	Bacterial Strains	NCBI, USA Accession number	Sr. No.	Bacterial Strains	NCBI, USA Accession number
1	<i>P. aeruginosa</i> strain B. Env. 2	KF862889	31	<i>B. subtilis</i> strain B. Pat.18	KF862908
2	<i>P. aeruginosa</i> strain B. Pat. 1	KF862888	32	<i>B. subtilis</i> strain B. Pat.20	KF862909
3	<i>P. aeruginosa</i> strain B. Pat.4	KF951532	33	<i>B. subtilis</i> strain B. Pat.23	KF862912
4	<i>P. aeruginosa</i> strain B.Pat.7	KF862896	34	<i>B. subtilis</i> strain B. Pat.26	KF862915
5	<i>P. aeruginosa</i> strain B. Pat. 14	KF862903	35	<i>B. subtilis</i> strain B. Pat.56	KF862942
6	<i>P. aeruginosa</i> strain B. Pat.8	KF862897	36	<i>B. anthracis</i> strain B. Pat.21	KF862910
7	<i>P. aeruginosa</i> strain B. Pat. 18	KF862907	37	<i>B. anthracis</i> strain B. Pat.29	KF862918
8	<i>P. aeruginosa</i> strain B. Pat.12	KF862901	38	<i>B. anthracis</i> strain B. Pat.22	KF862911
9	<i>P. stutzeri</i> strain B.Env.1	KF862890	39	<i>B. anthracis</i> strain B. Pat.38	KF862924
10	<i>P. stutzeri</i> strain B.Pat.2	KF862889	40	<i>B. anthracis</i> strain B. Pat. 24	KF862913
11	<i>P. stutzeri</i> strain B.pat. 3	KF862892	41	<i>Enterobacter</i> species B. Pat.34	KF862922
12	<i>P. stutzeri</i> strain B.Pat.6	KF862893	42	<i>Enterobacter hormaechei</i> B. Pat.43	KF862929
13	<i>P. stutzeri</i> strain B.Pat.9	KF862893	43	<i>Enterobacter hormaechei</i> B. Pat.50	KF862936
14	<i>P. stutzeri</i> strain B. Pat.13	KF862898	44	<i>Providencia sturatii</i> B. Pat.5	KF951533
15	<i>P. stutzeri</i> strain B. Pat. 15	KF862902	45	<i>Providencia sturatii</i> B. Pat.35	KF862923
16	<i>P. stutzeri</i> strain B. Pat. 16	KF862905	46	<i>Providencia sturatii</i> B. Pat.36	KF951535
17	<i>P. mendocina</i> strain B. Pat. 17	KF862906	47	<i>Providencia sturatii</i> B. Pat.53	KF862939
18	<i>Pseudomonas</i> bacterium strain B. Pat. 10	KF862899	48	<i>B. tequilensia</i> B. Pat. 28	KF862917
19	<i>Pseudomaceae</i> strain B. Pat. 11	KF862900	49	<i>Bacillus safensis</i> B.Pat.55	KF862941
20	<i>B. cereus</i> strain B. Pat. 25	KF862914	50	<i>Bacillus pumilius</i> B. Pat. 54	KF862940

21	<i>B. cereus</i> strain B. Pat. 39	KF862925	51	<i>Bacillus thuringensis</i> B. Pat. 41	KF862927
22	<i>B. cereus</i> strain B. Pat. 40	KF862926	52	<i>Bacillus stratosphericum</i> B. Pat. 45	KF862931
23	<i>B. cereus</i> strain B. Pat. 49	KF862935	53	<i>Bacterium NLAE</i> B.Pat.51	KF862937
24	<i>B. cereus</i> strain B. Pat. 46	KF862932	54	<i>Actineobacter baumanii</i> B. Env. 4	KF862895
25	<i>B. cereus</i> strain B. Pat. 47	KF862933	55	<i>Paenibillus species</i> B. Pat 57	KF862943
26	<i>B. cereus</i> strain B. Pat. 48	KF862934	56	<i>Proteus mirabilis</i> B. Pat. 27	KF862916
27	<i>B. cereus</i> strain B. Pat. 52	KF862938	57	<i>Sporosarcina luteola</i> B. Pat. 31	KF862920
28	<i>B. cereus</i> strain B. Pat. 30	KF862919	58	<i>Staphylococcus epidermidis</i> B. Pat. 44	KF862930
29	<i>B. cereus</i> strain B. Pat.33	KF862921	59	<i>Klebsiella pneumonia</i> B. Pat. 42	KF862928
30	<i>B. cereus</i> strain B. Env. 3	KF862894	60	<i>Escherichia coli</i> B. Pat. 6	KF951534

**6.** Fungal endophytes isolated from *E. jambolana* and their NCBI, USA Genebank Accession No.

Sr. No.	Fungal Strains	NCBI, USA Accession Number	Sr. No.	Fungal Strains	NCBI, USA Accession Number
1.	JP44MY2	KF031018	13	JP44MY22	KF031026
2	JP44MY4	KF049006	14	JP44MY23	KF830208
3	JP44MY5	KF031019	15	JP44MY24	KJ136028
4	JP44MY6	KF031020	16	JP44MY25	KF031028
5	JP44MY8	KF031021	17	JP44MY26	KF830210
6	JP44MY9	KF830207	18	JP44MY27	KF031029
7	JP44MY10	KF031022	19	JP44MY28	KF031030
8	JP44MY12	KF830209	20	JP44MY35	KF031031
9	JP44MY13	KF031023	21	JP44MY41	KF031032
10	JP44MY14	KF031024	22	JP44MY42	KF031033
11	JP44MY16	KF031027	23	JP44MY43	KF031034
12	JP44MY19	KF031025			

**7.** Fungal endophytes isolated from *Calotropis procera* and their NCBI, USA Genebank Accession No. (March, 2016)

Sr. No.	Fungal Strains	NCBI, USA Accession Number	Sr. No.	Fungal Strains	NCBI, USA Accession Number
1.	JPG8RYA	KU862908	11	JPG8RY37	KU639960
2	JPG8RYB	KU862909	12	JPG8RY38	KU862918
3	JPG8RYC	KX349739	13	JPG8RY39	KU862914
4	JPG8RY5	KU862910	14	JPG8RY40	KU862915
5	JPG8RY11	KX395709	15	JPG8RY41	KU862916
6	JPG8RY16	KU639959	16	JPG8RY42	KX244952
7	JPG8RY22	KU862911	17	JPG8RY43	KX244953
8	JPG8RY27	KU862912	18	JPG8RY45	KX349738
9	JPG8RY33	KX244951	19	JPG8RY46	KU862917
10	JPG8RY35	KU862913	20	JPG8RY48	KX349740

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85. Panghal, M., Kadyan, S., Chillar, S. and **Yadav, J.P.** 2010. Environmental genomics or metagenomics : a window for exploring the unmined richness of environmental microbes. National Conference on Environmental and Health Issues: In a Changing Climatic Scenario held at Department of Environmental Sciences, M.D. University, Rohtak from October 14 to 15, 2010. Page 65.
86. **Yadav, J.P.** 2011. Determination of in vitro antioxidant activity of *Cassia occidentalis* L. 98<sup>th</sup> Session of Indian Science Congress held at S.R.M. University, Chennai from January 3 to 7, 2011. Section Plant Science, Oral/Poster Presentation, p. 65, Abstract No. 82.
87. Saini, S. and **Yadav, J.P.** 2011. *Salvadora oleoides*: An important medicinal plant of Southern Haryana that needs conservation. National Conference on Biodiversity: Challenges & Opportunities held at Department of Botany, Maharshi Dayanand University, Rohtak from February 18 to 19, 2011. Page 13.
88. Singh, K., Arya, V., Rohilla, D. and **Yadav, J.P.** 2011. Analysis of genetic diversity of different accessions of *Cassia tora* L. by RAPD. National Conference on Biodiversity: Challenges & Opportunities held at Department of Botany, Maharshi Dayanand University, Rohtak from February 18 to 19, 2011. Page 28
89. Dhankar, S., Manila, Yadav, S. and **Yadav, J.P.** 2010. Endophytes biodiversity: A potential source of medicine. National Conference on Biodiversity: Challenges & Opportunities held at Department of Botany, Maharshi Dayanand University, Rohtak from February 18 to 19, 2011. Page 37.
90. Kadyan, S., Panghal, M., Kumar, S. and **Yadav, J.P.** 2011. Metagenomics: A way towards the uncultivable microbial world. National Conference on Biodiversity: Challenges & Opportunities held at Department of Botany, Maharshi Dayanand University, Rohtak from February 18 to 19, 2011. Page 39.
91. **Yadav, J.P.** 2011. *Cassia occidentalis*: a good antimicrobial, antioxidant and anti-inflammatory agent. 6<sup>th</sup> National Conference on Thermodynamics of Chemical and Biological Systems held at Department of Chemistry, M.D. University, Rohtak from November 2<sup>nd</sup> to 4<sup>th</sup>, 2011. Page 41-42.
91. Manila Yadav, Deepika Rohilla and **Yadav, J.P.** 2011. Thermodynamic investigations of secondary metabolites synthesized in medicinal plants. 6<sup>th</sup> National Conference on Thermodynamics of Chemical and Biological Systems held at Department of Chemistry, M.D. University, Rohtak from November 2<sup>nd</sup> to 4<sup>th</sup>, 2011. Page 185.
92. Seema Dhankhar and **Yadav, J.P.** 2011. Evolution of metabolic pathways for defence of host plant in symbiotic association with fungal endophytes. 6<sup>th</sup> National Conference on Thermodynamics of Chemical and Biological Systems held at

- Department of Chemistry, M.D. University, Rohtak from November 2<sup>nd</sup> to 4<sup>th</sup>, 2011. Page 188.
93. **Yadav, J.P.** and Sanjay Yadav 2012. Impact of environment on genetic diversity of a medicinal, *Dipteracanthus patulus* (Acanthaceae). 99<sup>th</sup> Session of Indian Science Congress held at KIIT University, Bhubaneswar from January 3 to 7, 2012. Section Plant Science, Oral/Poster Presentation, p. 208.
  94. **Yadav, J.P.**, Sandeep Kumar, Vedpriya Arya and Sanjay Yadav. 2012. Screening and evaluation of the antibacterial activity of some important medicinal plants of Haryana. 12<sup>th</sup> International Congress of Ethnopharmacology organized by School of Natural Product, Jadavpur University, Kolkata, from Feb. 17 to 19, 2012. Abstract No. SNPSJU 153. P. 60
  95. Kumar S., Yadav S. and **Yadav, J.P.** 2012. DNA barcoding: An efficient tool for authentication of medicinal plants. Seminar on new perspectives in aromatic and medicinal plants organized by CCSHAU, Hisar from Feb. 8-9, 2012.
  96. **Yadav, J. P.** 2013. Medicinal Plant Diversity of Shivalik Hills (Northwest Region) and its conservation strategies. 100<sup>th</sup> Session of Indian Science Congress held at University of Kolkata, Kolkatta from January 3<sup>rd</sup> to 7<sup>th</sup>, 2013. Section Plant Science, invited Lecture, p. 64.
  97. Yadav, J.P. and Khusboo Singh. 2013. Silver nanoparticles from *Tinaspora cordifolia* as an antibacterial agent. International Conference and Exhibition on Traditional & Alternative held at Radisson Blu Plaza Hotel, Hyderabad from December 09-11, 2013.p.104
  98. Bhatt, A.K., Rajeshwer, Bhatia A., Saroea S. and **Yadav J. P.** 2013. Antibacterial activity of *Acacia catechu* bark extracts against selected pathogenic bacteria. International Conference and Exhibition on Traditional & Alternative held at Radisson Blu Plaza Hotel, Hyderabad from December 09-11, and 2013.p.48.
  99. Manju Panghal, Vivek Kausahal and **Jaya Prakash Yadav**. 2012. *In Vitro* antimicrobial activity of medicinal plants against clinical isolates of oral cancer cases. In BIT,s 3<sup>rd</sup> World DNA and Genome Day, 25-28 April, 2012 at Xian, CHINA, P- 155.
  100. Kadyan S, **Yadav J. P.** 2013 Assessment of physiological diversity of aerobic endospore forming bacilli isolated from rhizospheric soil of *Phyllanthus amarus*. In Annual conference and International Symposium of Association of Microbiologist of India on Frontier discoveries and innovations in microbiology and its interdisciplinary relevance. November 17<sup>th</sup>- 20<sup>th</sup>, 2013. Pg no. 373-374.
  101. Panghal M, **Yadav J. P.** 2013. *P. aeruginosa*: A Notorious multidrug resistant bacterium in burn patients and burn ward. In; Annual Conference and International Symposium of Association of Microbiologist of India on Frontier discoveries and innovations in microbiology and its interdisciplinary relevance. November 17<sup>th</sup>- 20<sup>th</sup>, 2013. Pg no. 186-187.
  102. Khushboo Singh and **J. P.Yadav**. 2013. Antibacterial efficacy of Silver nanoparticles of *Phyllanthus amarus*. In; Annual Conference and International Symposium of Association of Microbiologist of India on Frontier discoveries and innovations in microbiology and its interdisciplinary relevance. November 17<sup>th</sup>- 20<sup>th</sup>, 2013. Pg no. 130.

103. Manila Yadav and **J.P.Yadav**. 2013. Antibacterial activities of Entophytic fungi isolated from *Eugenia Jambolina*. In; Annual Conference and International Symposium of Association of Microbiologist of India on Frontier discoveries and innovations in microbiology and its interdisciplinary relevance. November 17<sup>th</sup>-20<sup>th</sup>, 2013. Pg no. 133.
104. Neelam Antil and **J.P.Yadav**. *In Silico* screening of plants compounds against Shikimate Pathway of *Mycobacterium Tuberculosis*. In; Annual conference and International Symposium of Association of Microbiologist of India on Frontier discoveries and innovations in microbiology and its interdisciplinary relevance. November 17<sup>th</sup>- 20<sup>th</sup>, 2013. Pg no. 350.
105. **Yadav, J.P.** and Dhankar, S. Antimicrobial Activity of Fungi Isolated from *Salvadora oleoides* Plant Tissues. 101<sup>th</sup> Session of Indian Science Congress held at University of Jammu, Jammu from Feb. 3<sup>rd</sup> to 7<sup>th</sup>, 2014. Section Plant Science, Abstract No. 59, p. 213.
106. Reena Rani and **J.P.Yadav**. An overview on medicinal plant: *Withania coagulans*. In 18<sup>th</sup> Annual Convention of Society of Pharmacognosy- ISP 2014, February 21-22, 2014. Pg. No. 36.
107. Amita Yadav and **J.P.Yadav**. An overview on secondary metabolites of *Acacia nilotica*. In 18<sup>th</sup> Annual Convention of Society of Pharmacognosy- ISP 2014, February 21-22, 2014. Pg. No. 37.
108. Sandeep Kumar, Dushyant Sharma, Manila Yadav, **J. P.Yadav**. Analysis of antimicrobial activities of *Aloe vera* from different climatic regions of India. In 18<sup>th</sup> Annual Convention of Society of Pharmacognosy- ISP 2014, February 21-22, 2014. Pg. No. 58.
109. Amita Yadav, Manila Yadav, **J.P. Yadav**. 2014. Analysis of antibacterial activity of different extracts of *Acacia nilotica* Linn. In: National Seminar on "Next Generation Sciences: Vision 2020 & Beyond". Conducted by Department of Zoology, M. D. University, Rohtak.
110. **Yadav, J.P.** 2014. Ethnobotanical Survey of Medicinal plants from Haryana. In International Conference on Current Status, Opportunities and Challenges in Medicinal Plants and Natural Product Research held at Uka Tarsadia University, Bardoli, Gujrat from 24<sup>th</sup> to 26<sup>th</sup> Sept., 2014. Abstract No. S-17, Page No. 154.
111. **Yadav, J.P.** 2015. Study of Genetic Diversity in *Tinospora cordifolia* by Molecular Markers. 102<sup>th</sup> Session of Indian Science Congress held at University of Mumbai, Mumbai from Jan. 3<sup>rd</sup> to 7<sup>th</sup>, 2015. Section Plant Science, Abstract No. 59, p. 213.
112. **Yadav, J.P.** and Singh K. 2015. Leaf extract mediated green synthesis of silver nanoparticles from *Phyllanthus amarus*: As an antibacterial agent against wide range of microbes. 2<sup>nd</sup> International Conference on Past and Present Research Systems of Green Chemistry held at Orlando, USA from September 14 to 16, 2015. Organic Chem. Curr. Res 2015, 4: 2 p 45.
113. **Yadav, J.P.** 2016. Role of nanobiotechnology in human health care. National Conference in Trends in Nanobiotechnology held at CCS Haryana Agriculture University, Hisar on November 29-30, 2016. p 12.

114. Yadav Amita and **Yadav, J.P.** 2016.Characterization and antibacterial activity of green synthesized silver nanoparticles from *Acacia nilotica* leaves. National Conference in Trends in Nanobiotechnology held at CCS Haryana Agriculture University, Hisar on November 29-30, 2016. p 42.
115. **Yadav, J.P.** 2017.Traditional medicinal plant biodiversity of Haryana. International Conference on Emerging Areas of Environmental Science and Engineering held at Guru Jambheshwar University of Science and Technology from Feb. 16-18, 2017. p.
116. **Yadav J.P.** and Sandeep Kumar, 2017. Phytochemical diversity documentation and evaluation of efficacy of *Aloe vera* from different climatic regions of India. 4<sup>th</sup> International Congress of the Society for the Ethnopharmacology held at Uka Tarssadia University, Bardoli, Gujrat from Feb. 23-25, 2017.P.
117. **Yadav, J. P.** 2019. Phytochemicals Analysis of *Dipteracanthus patulus* and their role in human welfare. 106<sup>th</sup> Session of Indian Science Congress held at Lovely Professional University Phagwara, Jalandhar from 3<sup>rd</sup> Jan. to 7<sup>th</sup> Jan., 2019. Section Plant Science, Invited Lecture, page 53-54.
118. **Yadav, J. P.** & Sandeep Kumar 2019. Effect of climate change on phytochemical diversity and their efficacy: a case study. International Conference on Climate Change towards Health and Agricultural Sustainability held at Guru Jambheshwar University of Science & Technology, Hissar from Feb 18-20, 2019. Invited Talk page 27.
119. **Yadav, J. P.** 2019. Therapeutic Potential and Diversity of Endophytic Fungi Associated with *Calotropis procera*. 107<sup>th</sup> Session of Indian Science Congress held at University of Agricultural Sciences Bangalore from 3<sup>rd</sup> Jan. to 7<sup>th</sup> Jan., 2020. Section Plant Science, Invited Lecture, page 60.

**SUPERVISION OF AWARDED DOCTRATE THESIS:**

<b>Sr. No.</b>	<b>Name of students</b>	<b>Topic of Thesis</b>
1.	Shiv Kumar 2000	Seasonal divergence among species populations of some <i>Drosophilids</i>
2	Suresh Kumar s/o Mange Ram, Regn No. 84-NGR-296	Medicinal plants of some district of Haryana: an ethanobotanical survey. Notification No. 2003/61, Date 03/07/2003
3.	Suman Lata D/O/ Mauji Ram, Regn No.93- NGR-24	Analysis of fluoride levels of drinking water sources and incidence of fluorosis in rural areas of district Jhajjar, Haryana. Notification No. 2003/65, Date 14/11/2003
4.	Meenakshi D/O M.K. Sahu Regn no. 93-JHR- 978	Studies on the Physico-chemical characteristics of industrial effluents, their effects on soil and on crop and vegetables plants. Notification No 2003/65, Date 14/11/2003
5.	Mamta Chahal D/O Shobha Chand, Regn No. 88-JVC-03	Study of flora of central, south and Kalesar forest of Haryana and Efficacy of <i>Achyranthes aspera</i> in promoting oral hygiene. Notification No. 2008/93, Date 14/01/2008
6.	Sushila Saini D/O Ram Kumar, Regn No. 96- IGR-06	Genetic diversity and hypoglycemic studies of <i>Salvadora</i> species. Notification 2008/93, Date 14/01/2008
7	Manju Panghal D/O P.S.Hooda, Regn No. 95-IGR-530 w.e.f. 15/03/2007.	Efficacy of plant extract against secondary infections in oral cancer patients Notification No. 2011/124, Date 07/01/2011.
8	Vedpriya Arya D/O Yag Dutt, Regn No. 09- Ph.D-Biochem. & Genetics-10, w.e.f. 28/01/2009	Assessment of genetic variability of <i>Cassia occidentalis</i> and <i>Cassia tora</i> by RAPD markers and evaluation of their biological activity. Notification No. 2011/127 Date 10/05/2011.
9.	Mr. Anand Singh Dangi S/O Umed Singh, Regn No. 78-NGR-292	To study antifungal and antibacterial activity of some selected medicinal plants of Haryana. Notification No. 2012/137, Date 31/01/2012
10	Mr. Sanjay Yadav S/o Regn. No. 00-GN-807 w.e.f. 28/01/2009.	Evaluation of genetic variability and medicinal value of <i>Dipteracanthus patulus</i> (Jacq.) Nees. Notification No. 2012/137, Date 31/01/2012
11	Mrs. Sunil D/O Hawa Singh, Regn No. 97- IGR-556, w.e.f. 15/03/2007.	To study genetic diversity and medicinal value of <i>Achyranthes aspera</i> . Notification No. 2012/144, Date 05/06/2012
12	Mrs.Seema Dhankhar D/O Balwan Singh, Regn No. 00-GG-968, w.e.f. 28/05/2008.	To study endophytic fungi associated with <i>Salvadora oleoides</i> and its medicinal value. Notification No. 2012/144, Date 05/06/2012.



13.	Mr.Sandeep Kumar S/O Ram Diya, Regn No. 01-VCR-417, Registered w.e.f. 28/01/2009.	RAPD profiling in detecting genetic diversity of <i>Salvadora oleoides</i> and evaluation of its biological activity. Notification No. 2012/149, Date 19/10/2012.
14	Ms Sangeeta D/O Shri Bhagwan Singh, 03-JHR-1867, Registered w.e.f. 31/03/2010	Assessment of functional and genetic diversity of bacteria isolated from the Rhizospheric soil of <i>Trigonella foenum graceum</i> and <i>Phyllanthus amarus</i> . Notification No. 2014/179, Date 31/12/2014.
15	Ms Khusboo D/O Bishan Singh, Regn No. 04-AMB-1359, w.e.f. 28/11/2011	Impact of climate change on genetic and phytochemical diversity of <i>Tinospora cordifolia</i> (L), <i>Phyllanthus amarus</i> (L) and efficacy of their synthesized nanoparticles. Notification No. 2015/182, Date 11/03/2105.
16	Ms Manila D/O Kanwal Yadav, Regn No. 00-HS-685, w.e.f. 31/03/2010	Study of the endophytic fungi associated with <i>Eugenia jambolina</i> and their medicinal value. Notification No. 2015/184, Date 29/04/2015.
17	Mr Sandeep Kumar S/O Dharam Pal, Regn no. 117804001 w.e.f. 22/08/2012.	Analysis of Genetic and Phytochemical Diversity of <i>Aloe vera</i> from Different Climatic Regions of India. Notification No. 2017/16, Date 27/01/2017.
18	Mrs Reena D/O Daya Ram, Regn No. 07-GG-892, Registered w.e.f. 30/11/2013.	Diversity of endophytic fungi isolated from <i>Calotropis procera</i> and study of their antimicrobial and antioxidant activities. Viva Voce held on 18/05/2018, Notification No. 2018/04, Date 28/05.2018
19	Mr Dushyant S/O Regn No. w.e.f. 30/11/2013	Analysis of Genetic Diversity of <i>Allium cepa</i> and <i>Allium sativum</i> and Antimicrobial Activity of Crude Extract and Isolated Compound. Notification No. 2018/11, Date 20/11/2018
20.	Mrs Amita Yadav D/O Gajraj Singh, Regn No. 04-GNJ-613, w.e.f. 30/11/2013	Analysis of genetic and phytochemical diversity of <i>Acacia nilotica</i> and antibacterial activity of isolated compound and synthesized nanoparticles. Notification No. 2018/11, Date 20/11/2018.
21	Ms Pooja Rohilla D/O Bharat Singh Regn No. 05-gg-1478 Registered w.ef. 30/05/2014.	Characterizing the promoter of nitrate reductase gene under salt stress in contrasting genotypes by comparing their Cis-regulatory elements. Notification No. , Dated
22	Ms Sulochana D/O Chander Bhan Sharma, Regn No. 03-GB-202, w.e.f.30/05/2015	Screening of medicinal plants extracts for their potential anti-Dengue viral activity in animal cell culture model. Notification No. 2021/37, Dated 18/03/2021
23	Ms Monika Chaturvedi D/O Anuj Kumar	Evaluation of antimicrobial activity and <i>In vitro</i> transformation of <i>Curcuma caesia</i> Roxb. by

	Tripathi, Regn No. 05-GG-1438, Registered w.e.f. 23/12/2015	<i>Agrobacterium rhizogene</i> . Notification No. 2021/37, Dated 18/03/2021.
24	Ms Rosy Arya D/O Om Parkash, Regn No. 13-JPCEC-0009, Registered w.e.f. 23/12/2015.	Therapeutic potential of some selected medicinal plants and their molecular docking studies in promoting oral hygiene.
25	Ms Ratish Chander Mishra S/O Binod Mishra, Regn. No. 1418170017 Registered w.e.f. 23/12/2015.	Phytochemical investigation of different medicinal plants and exploring <i>In silico</i> approach for drug development against dandruff.
26	Mr. Ravinder Kumar Registered w.e.f. 17/11/2016.	Maternal effects and generation means analysis for economic yield and textile traits in cotton ( <i>Gossypium hirsutum</i> L.)

#### **Invited Speaker/ Lecture Delivered/Resource Person**

1. Delivered invited lecture on the topic entitled “Therapeutic Potential and Diversity of Endophytic Fungi Associated with *Calotropis procera*”, in 107<sup>th</sup> Session of Indian Science Congress held at University of Agricultural Sciences Bangalore from 3<sup>rd</sup> Jan. to 7<sup>th</sup> Jan., 2020. Section Plant Science.
2. Delivered invited lecture on the topic entitled “Select a Research Journal”, in Two Days Workshop on Writing a Research Paper/ Article: Concept, Structure and Style, H.P.University, Shimla on 28/12/2019.
3. Delivered invited lecture on the topic entitled “Effect of climate change on phytochemical diversity and their efficacy: a case study”. In International Conference on Climate Change towards Health and Agricultural Sustainability held at Guru Jambheshwar University of Science & Technology, Hissar from Feb 18-20, 2019.
4. Delivered invited lecture on the topic entitled “Phytochemicals Analysis of *Dipteracanthus patulus* and their role in human welfare”, in 106<sup>th</sup> Session of Indian Science Congress held at Lovely Professional University Phagwara, Jalandhar from 3<sup>rd</sup> Jan. to 7<sup>th</sup> Jan., 2019. Section Plant Science.
5. Delivered an invited lecture at Meerut Institute of Engineering and Technology in DBT sponsored short term training course for mid-career scientists and teachers dated 15/12/2017 on topic entitled “Green synthesis of nanoparticles and their role in MDR bacterial strains”.
6. UGC Human Development Centre, Himachal Pradesh University, Shimla dated 04/06/2016 on topic “Water Pollution with reference to fluoride and its Health effects”.

7. Resource Person to deliver Lecture on dated 12/03/2016 on topic “Choice Base Credit System” at Indira Gandhi University, Meerpur, Rewari.
8. Resource Person in Capacity Building Programme of Regional Institute of Education (NCERT), Ajmer, Dated 22/01/2015 on topic “Cell cycle Regulation & Cell Division”.
9. Resource Person in Capacity Building Programme of Regional Institute of Education (NCERT), Ajmer, Dated 22/01/2015 on topic “Plant Kingdom”.
10. UGC Academic Staff College, Guru Jambheshwar University, Hissar dated 16/12/2014 on topic “Global Warming”.
11. UGC Academic Staff College, Guru Jambheshwar University, Hissar dated 16/12/2014 on topic “Fluoride Control”.
12. Delivered invited talk entitled “Ethnobotanical Survey of Medicinal Plants from Haryana” at Uka Tarsadia University, Gujrat in ICMNP, 2014 on 25/09/2014.
13. Delivered invited lecture on the topic entitled “Medicinal Plant Diversity of Shivalik Hills (Northwest Region) and its conservation strategies. 100<sup>th</sup> Session of Indian Science Congress held at University of Kolkata, Kolkatta from January 3<sup>rd</sup> to 7<sup>th</sup>, 2013. Section Plant Science.
14. UGC Academic Staff College, Himachal Pradesh University, Shimla dated 14/06/2013 on topic “Fluoride Toxicity and Impact on Health”.
15. UGC Academic Staff College, Himachal Pradesh University, Shimla dated 14/06/2013 on topic “Environment Education: A must for Survival”.
16. UGC Academic Staff College, BPS Mahila Vishwavidyalaya, Khanpur Kalan, Sonapat dated 06/06/2012 on topic “Comparative study of *Cassia occidentalis* and *Cassia tora* Medicinal Plants”.
17. UGC Academic Staff College, BPS Mahila Vishwavidyalaya, Khanpur Kalan, Sonapat dated 06/06/2012 on topic “Importance of Endophytes associated with *Salvadora oleoides*”.
18. UGC Academic Staff College, Himachal Pradesh University, Shimla dated 27/07/2009 on topic “Environment Pollution”.
19. UGC Academic Staff College, Himachal Pradesh University, Shimla dated 27/07/2009 on topic “Project Evaluation”.

### **Administrative Experience**

1. Head of the Department of Genetics, M.D. University, Rohtak from 04/01/2010 to 03/01/2013 and 04/01/2016 to 03/01/2019.
2. Elected Member of Executive Council of M.D. University, Rohtak from 23 July, 2007 to 15<sup>th</sup> June, 2009.
3. Member Academic Council of M.D. University, Rohtak from 16th June, 2009 to contd
4. Warden Boys Hostel, M.D. University, Rohtak from Oct.29, 2005 to Dec. 12, 2007
5. Member of the committee of Code of Ethics in Research, M. D. University, Rohtak.
6. Member of the Committee for grant of Accrediation/upgradation of National Institute of Open Schooling, MHRD, New Delhi.

7. Resource person for delivering lectures at Academic Staff Colleges of H.P. University, Shimla; Kurukshetra University, Kurukshetra; B.P.S. Mahila University, Khanpur; Guru Jhambheshwar University, Hisar, Regional Institute of Education, NCERT, Ajmer.
8. Academic Counsellor, I.G.N.O.U., New Delhi.
9. Member, CPC of M. D. University, Rohtak, 2013-14(06/06/2013 to 05/06/2014).
10. Convener of MDU Alumni Association Election Committee in 2012.
11. Evaluator in State Event of 19<sup>th</sup> National Children's Science Congress-2011.
12. Member of Committee for early declaration of results of various UG courses, M.D. University, Rohtak-2011.
13. Member, UG Board of Studies in Zoology, Kurukshetra University, Kurukshetra from 18/11/2009 to 17/11/2011.
14. Member of UMC Committee M.D. University, Rohtak in 2011-12(01/05/2011 to 30/04/2012).
15. Member Faculty of Life Science w.e.f. 12/05/2009 to Contd.
16. Member of Counselling committees for admission to B.Ed. and M. Ed 2009-10.
17. Expert member of Himachal Government for inspection of the various institutes located in Himachal appointed by Department of Environment, Science & Technology, H.P., Shimla, 2009-10.
18. Member of Research Advisory Board of Bhojia Institute of Life Sciences, H.P., 2009.
19. Member of the Governing Body of affiliated colleges of M.D. University, Rohtak.
20. Expert member for evaluation of Research projects of National Medicinal Plants Board, Ministry of Health and Family Member, New Delhi.
21. Member of Interview Board for selection of Asstt. Prof. in Botany and Forest Officer of U.P.P.S.C.
22. Reviewer of Research proposal of International Grants Unit, National Research Foundation, South Africa, 2013.
23. Member of various selection committees for appointment of Asstt. Prof. Assoc. Prof. & Professor for numbers of colleges and universities.
24. Convener of No. of committees constituted by M.D. University, Rohtak for grant of affiliation/ continuation of B.Ed. colleges/ Degree Colleges/ Engineering Colleges.
25. Chairman P.G.B.O.S. in Genetics from 04/01/2010 to 03/01/2013 and 04/01/2016 to 03/01/2019..
26. Appointed as Arbitrator in case of outsourcing agency M/s Balaji Security on 22/09/2014.
27. Elected Secretary of MDUTA and Executive Member of MDUTA twice.
28. Convener of organizing conferences by Department of Genetics, MDU, Rohtak.
29. Member of UGC expert committees for MRP number of times.
30. Coordinator of UGC SAP and UGC Innovative and DST FIST programme (2012 to 2017).
31. Member of Managing Committee of University Campus School for Session 2015-16.
32. Member of the Departmental Promotion Committee of M. D. University, Rohtak w.e.f. 09/10/2015 to contd.

33. Nodal Officer, National Institute of Ranking Framework, M.D.University, Rohtak, w.e.f. 31/12/2015 to contd..
34. Member of the committee for Grant of honorarium to the officers, officials of M.D.University, Rohtak w.e.f. 20/01/2016 to contd.
35. Coordinator, GIAN, M.D.University, Rohtak, w.e.f. 01/09/2017.
36. Member of Steering committee NAAC, M.D.University, Rohtak, w.e.f. 17/10/2017.
37. Member (Outside Expert), P.G. B.O.S., Microbiology, H.P.University, Shimla for 2 years w.e.f.26/04/2016 to 25/04/2018.
38. Member (Chancellor Nominee), Academic Council, Indira Gandhi University, Meerpur, Rewari for 2 years w.e.f. 23/01/2016 to 22/01/2018
39. Member (Outside Expert), P.G. B.O.S., Botany, Indira Gandhi University, Meerpur, Rewari for 2 years w.e.f.18/12/2017.
40. Member (Outside Expert), Board of Undergraduate Studies in Botany, Indira Gandhi University, Meerpur, Rewari for 2 years w.e.f.18/12/2017.
41. Act as Judge in Inter District Science Exhibition sponsored by DGHE Haryana at Vaish College, Rohtak on 29/01/2018.
42. Member (Outside Expert), Faculty of Science, Baba Masthnath University, Asthal Bohar, Rohtak for 3 years w.e.f. 06/03/2018.
43. Member of the UMC Committee, M.D.University, Rohtak from 01/05/2018 to 30/04/2019.
44. Member of the committee for to consider e-content Deveolpment towards API score in Criterion III of M.D.University, Rohtak w.e.f. 08/05/2018.
45. Member of M.D.University Court for two years w.e.f. 25/05/2018 to 24/05/2020.
46. Member of the Strategic Planning and Evaluation Committee for developing Academic Plan, Research Plan, Financial Plan, Resource Management Plan, Digitalisation Pla, Industry Interaction , Outreach Plan & Operational plan and to monitor the progress for systemic future Development of the M.D.University w.e.f. 31/05/2018.
47. Member UGC Committee for Swachhta Ranking of Higher Education Institution, 2018 and Inspect Ch. Bansi Lal University, Bhiwani & G.DC. Memorial College Bahal on 17/09/2018.
48. University Nominee of District Palwal for planning Board of the Colleges in Haryana for UGC Grant, 2018.
49. Presiding Officer in Election of M.D.University Student Union, 2018.
50. Chief Warden Boys hostel M.D.University, Rohtak 30/01/2019 to 13/01/2020..
51. Member of Research Degree Committee in the subject of Biosciences for Ph.D. Himachal Pradesh University, Shimla w.e.f. 1 June, 2019
52. Member, Proctorial Board, M.D. University, Rohtak.
53. Member of Coordination Committee to accelerate the activities of Professional Consultancy Cell. M.D.University Rohtak w.e.f. 02/09/2019.
54. Member of Coordination Committee for the rankings and other quality related issues. M.D.University Rohtak w.e.f. 16/09/2019.
55. Member of Adhoc Committee of Courses in Biotechnology, Rajasthan University Jaipur w.e.f 03/9/2019.

56. Member of Governing Body of Baba Masthnath University, Asthal Bohar, Rohtak for 3 years w.e.f. 17/12/2019.
57. Chairperson, Biomedical & Health Research Ethics Committee of post Graduate Institute of Dental Sciences, Rohtak w.e.f. 27/03/2020.
58. Chairman, Standing Committee on unfairmeans cases, Maharshi Dayanand University, Rohtak w.e.f 01/05/2020 to 30/04/2021.
59. Co-Chairperson, Multi Disciplinary Research Unit, Pt. B.D. Sharma Post Graduate Institute of Medical Sciences, Rohtak w.e.f. 31/05/2019.
60. Member of Research Degree Committee in the subject of Biotechnology for Ph.D. Himachal Pradesh University, Shimla w.e.f. 20 October, 2020
61. Chancellor Nominee in Selection Committee, H.P.University Shimla for the Interview conducted from 24<sup>th</sup> Feb to 25<sup>th</sup> Feb, 2021 for the post of Asstt. Prof in Botany.