

Annexure II

CURRICULAM VITAE OF Prof. J. P.YADAV, Prof. 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- Khatiwas, Teh. & District- Jhajjar-124103**
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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 15th 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.
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(20th October, 2010 & 22nd March 2011) and Botany (23-24th October, 2010 & 23rd March, 2011), 2010-11
15. Awarded International Travel Grant from CSIR, New Delhi & CCSTDS, Chennai to attend SEGH 2010 at Ireland from 27th June to 2nd July, 2010.
16. Chaired a Session in Plant Science Section in 100th Session of Indian Science Congress held at University of Kolkata, Kolkata from 3rd Jan. to 7th Jan., 2013.
17. Member of Evaluation of Major Research Project of National Medicinal Plant Board, Department of Ayush, Ministry of Health and Family Member, New Delhi.
18. Reviewer of Research proposal of International Grants Unit, National Research Foundation, South Africa.

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

Teaching & Research experience at University level:

<u>Name of University</u>	<u>Designation</u>	<u>Nature of post</u>	<u>Class taught</u>	<u>Period</u>
M.D. University, Rohtak	Lecturer	Teaching & Research	M.Sc. & M.Phil	9-10-1991 to 9-10-1996
M.D. University, Rohtak	Sr. Lecturer	Teaching & Research	M.Sc. & Ph.D.	10-10-1996 to 9-10-2000
M.D. University, Rohtak	Reader	Teaching & Research	M.Sc & Ph. D.	10-10-2000 to 9-10-2008
M.D. University, Rohtak	Head of the Department of Genetics			04/01/2010 to 03/01/2013
M.D. University, Rohtak	Professor	Teaching & Research	M.Sc & Ph. D	10-10-2008 to Contd

- Research Publication:** Book published = 2 (A Text Book of Environmental Education)
 Research paper published = 111
 Gene sequences submitted to NCBI and Accession No. allotted: **59**
 Abstract published = 96
 M. Sc. Dissertations =4
 Ph. D. Thesis =13

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 th 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	19,69,000/-
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	62 lacs
Dr. J.P.Yadav	Coordinator UGC Innovative Programme	5 years	UGC New Delhi	60 lacs

No. of Ph.D. student guided =13

Refresher courses attended = 8

National & International conferences/symposium attended and presented papers: 43

Workshop attended: 1. UNESCO Training workshop on Herbarium Conservation Technique at F.R.I. Dehradun from 16th - 28th 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. 58th Annual Session of National of Academy of India held at Jammu University, Jammu from Nov. 5-7, 1988.
2. 2nd All India Conference of Cytology and Genetics held at Kakatiya University, Warangal from Dec. 28-30, 1988.
3. 76th Session of the Indian Science Congress Association held at Madurai Kamraj University, Madurai from Jan. 7-12, 1989.
4. 8th All India Congress of Zoology held at Kakatiya University, Warangal from June 13-15, 1989.
5. 58th Annual meeting of Society of Biological Chemists (India) held at IVRI, Izatnagar from Oct. 16-18, 1989.
6. 59th Annual Session of National Academy of Sciences India held at Osmania University, Hyderabad from Jan. 6-8, 1990.
7. 77th session of Indian Science Congress Association held at Cochin University of Science and Technology from Feb. 4 -9, 1990.
8. 7th All India Conference of Cytology and Genetics held at University of Kalyani from Dec 22-26, 1990.
9. 60th Annual Session of National Academy of Sciences, India held at Allahabad University, Allahabad from May 3-5, 1991.
10. 61th Annual Session of National Academy of Sciences, India held at Meerut University from Dec. 19-21, 1991.
11. 4th All India Conference on Cytology and Genetics held at Bangalore from Nov. 5-7, 1992.
12. 16th International Congress of Biochemistry and Molecular Biology at New Delhi from Sept. 19-22, 1994.
13. 5th All India Congress on Cytology and Genetics held at Kurukshetra University, Kurukshetra from Sept. 26-28, 1994.
14. 11th 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. 17th 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. 12th 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. 94th 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. 12th 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. 9th, 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. 16th National Symposium on Environment held at Guru Jambheshwar University, Hisar from July 16-18, 2008.
28. 4th 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. 97th 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. 98th 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. 6th National Conference on Thermodynamics of Chemical and Biological Systems held at Department of Chemistry, M.D. University, Rohtak from November 2nd to 4th, 2011.
41. 99th Session of Indian Science Congress Association held at KIIT University, Bhubaneswar from January 3 to 7, 2012.
42. 12th 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. 100th Session of Indian Science Congress held at University of Kolkata, Kolkata from 3rd Jan. to 7th Jan., 2013.

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.

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.

Reviewer's of International and National Journals:

1. Asian Pacific Journal of Tropical Biomedicine
2. African Journal of Pure and Applied Chemistry
3. African Journal of Pharmacy and Pharmacology
4. African Journal of Microbiology Research
5. African Journal of Biotechnology
6. Annual Review and Research in Biology
7. British Microbiology Research Journal
8. British Journal of Pharmaceutical Research
9. British Journal of Medicine and Medical Research
10. Current Science
11. European Journal of Medicinal Plants
12. Ecology of Food and Nutrition
13. Genetic Testing and Molecular Biomarkers
14. Indian Journal of Traditional Knowledge
15. Indian Journal Experimental Biology
16. Journal of Food and Nutrition Research
17. Journal Medicinal Plants Research
18. Journal of Pharmacognosy and Phytotherapy
19. Journal of Ethnobiology and Ethnomedicine
20. The Indian Journal of Agricultural Sciences
21. Pharmaceutical Biology
22. Letters in Drug Design & Discovery
23. Natural Product Research

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). ISBN: 98-3-8473-3996-3.

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 .862
2. **Yadav, J. P.** and Parkash, R., Latitudinal alcohol dehydrogenase polymorphism 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 colonising 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.
12. **Yadav, J. P.**; Vashist, M. and Parkash, R., Patterns of genic homogeneity in Indian population of *D. immigrans*. *Drosophila Inf. Service*. (1992) 71: 267-269.
13. Parkash, R; **Yadav, J. P.** and Indu., Spatial and temporal patterns of genic variation in Indian population of *Drosophila immigrans* and *D. busckii*. *Evolucion Biologica* (1992) 6: 211-224.
14. Parkash, R; **Yadav, J. P.** and Shamina. Latitudinal variation at Adh and Est loci in Indian population of two colonising drosophilids. *Korean J. Genet.* (1992) 14 (1): 13-24. Impact Factor .31
15. Parkash, R; **Yadav, J. P.**; Sharma, M. and Jyoutsna, Electrophoretic and cryptic variability at Acph and α -Gpdh loci in natural population of *Drosophila immigrans*, *Indian Biologist*. (1989) 21: 33-38.
16. Parkash, R. and **Yadav, J. P.**, Enzyme polymorphism in a wild population of *Drosophila melanogaster* *Natl. Acad. Sci. Letters*. (1990) 13: 289-293. Impact Factor .173

17. Parkash, R. and **Yadav, J. P.**, Enzyme polymorphisms in some *Drosophila* species Proc. Cont.Cytol & Genet. (1989) 2: 46-54.
18. Parkash, R.; **Yadav, J. P.** and Sharma, M., Extent of genic variation at two loci in *Drosophila* species. Biome. (1988) 3: 84-87.
19. Parkash, R.; **Yadav, J. P.** and Jyoutsna, A comparison of gene-enzyme variation among three *Drosophila* species of montium species sub-group. J. Cytol & Genet. (1991) 26: 113-121.
20. Parkash, R.; Jyoutsna and **Yadav, J. P.**, Genetic variation in some wild populations of *Drosophila busckii*. Current Science. (1990) 59: 264-268. Impact Factor .935
21. Parkash, R and **Yadav, J. P.**, Low variation at α -Gpdh locus in some drosophilids. Drosophila Inf. Service. (1991) 70: 176.
22. Parkash, R. and **Yadav, J. P.**, Allozymic homogeneity in a natural population of *Drosophila immigrans*. Biome. (1992) 5: 24-29.
23. Parkash, R.; **Yadav, J. P.** and Vashist, M., Persistence of allozymic variation in populations of two colonising *Drosophila* species. Cell & Chr. Res (1992) 15: 22-30.
24. Parkash, R.; **Yadav, J. P.** and Vashisht, M., Allozymic variation in six Indian population of *D. busckii*. Dros. Inf. Service. (1992) 71: 262-264.
25. Parkash, R.; **Yadav, J. P.** and Shamina, Cryptic allozymic variability in *Drosophila immigrans* populations. Cell & Chr. Res (1993) 16 (1): 1-10.
26. Parkash, R.; **Yadav, J. P.** and Sharma, M., Genic heterogeneity analysis within electrophoretic alleles at Acph and α -Gpdh loci in five *Drosophila* species. Perspectives in Cytol & Genet. (1991) 7: 475-483.
27. Parkash, R; **Yadav, J. P.** and Shamina, Latitudinal variation at Adh locus in *Zaprionus indianus*. Dros. Inf. Serv. (1992) 71: 261-262.
28. Parkash, R.; **Yadav, J. P.** and Vashisht, M., Electrophoretic and cryptic genic variability in natural populations *Zaprionus indianus*. Proc. Ind. Natl. Sci. Acad. (1993) 60(B): 75-82.
29. Parkash, R.; **Yadav, J. P.** and Vashist, M., Allozymic variation at Adh locus in some *Drosophila* species. Perspectives in Cytol. & Genet (1991) 7: 495-502.
30. Parkash, R. Sharma, M and **Yadav, J. P.**, Contrasting patterns of acid phosphatase isozyme variation in some *Drosophila* species. Proc. Conf. Cytol & Genet. (1991) 3: 1-6.
31. Parkash, R.; Vashist, M. and **Yadav, J. P.**, Isoelectrophoretic variation at Acph locus in *D. anannase* populations. Dros. Inf. Serv. (1992) 71: 266-267.
32. Parkash, R., Jyoutsna; **Yadav, J. P.** and Sharma, M., Genetic variation at Adh locus in some drosophilids. Current Sci. (1989) 58: 808-811. Impact Factor .935
33. Parkash, R.; **Yadav, J. P.**, Jyoutsna and Sharma, M., Electrophoretic variability at Odh locus in some drosophilids. J. Adv. Zool. (1989) 10: 10-15.
34. Parkash, R. and **Yadav, J. P.**, DNA Fingerprinting. Everyman Science. (1991) 26 (6): 206-207.
35. Parkash, R.; Sharma, M.; **Yadav, J. P.** and Jyoutsna, Genic heterogeneity at Acph locus in natural populations *Drosophila takahashii* and *D. nepalensis*. Nal. Acad. Sci. Letters. (1988) 111: 293-296. Impact Factor .173
36. Parkash, R.; Jyoutsna; **Yadav, J. P.** and Sharma, M., α -Gpdh polymorphism in some drosophilids. Bionature. (1989) 9: 19-21.

37. Parkash, R. Sharma, M.; **Yadav, J. P.** and Jyoutsna, Cryptic genic variation in *Drosophila ananase* populations. Proc. Natl. Sci. Acad. (1990) 56(B): 429-433.
38. Parkash, R.; Jyoutsna; **Yadav, J. P.** and Sharma, M., Patterns of genetic variability at Acph locus in some drosophilids. J. Cytol & Genet. (1989) 24: 1-8.
39. Parkash, R.; Sharma, M and **Yadav, J. P.**, Electrophoretic analysis of Adh variation in three *Drosophila* species populations. J. Sci. Res. (1988) 10: 35-38. Impact Factor .587
40. Parkash, R. Jyoutsna; **Yadav, J. P.** and Sharma, M., Electrophoretic analysis of Acph gene duplication in three *Drosophila* species. Proc. Ind. Natl. Sci. Acad., (1990) 56B: 435-439.
41. Parkash, R.; Jyoutsna; **Yadav, J. P.** and Sharma, M., Electrophoretic analysis of aldehyde oxidase in some drosophilids. J. Zool. Res., (1988) 1: 123-128.
42. Parkash, R.; Jyoutsna; **Yadav, J. P.**, Electrophoretic patterns of cytoplasmic malate dehydrogenase in certain *Drosophila* species. Ind. J. Pure & Applied Biol. (1989) 4 (2): 59-63.
43. Parkash, R.; Jyoutsna; **Yadav, J. P.** and Sharma, M., α -Gpdh isozyme variability in natural populations of three drosophilids. Him. J. Env. & Zool (1988) 2: 91-95.
44. **Yadav, J. P.** and Parkash, R., Ethanol tolerance and Adh gene frequencies in Indian populations *Zaprionus indianus*. Drosophila Inf. Serv. (1993) 72: 152-154.
45. Parkash, R. and **Yadav, J. P.**, Latitudinal clinal variation in *Z. indianus* populations. Drosophila. Inf. Serv. (1993) 72: 152-154.
46. **Yadav, J. P.** and Parkash, R., Esterase variability in *Zaprionus indianus* populations. Drosophila Inf. Serv. (1993) 72: 154-155.
47. **Yadav, J. P.** and Parkash, R., Analysis of ethanol tolerance in Indian populations of *D. immigrans*. Drosophila. Inf. Serv. (1993) 72: 123-124.
48. **Yadav, J. P.** and Parkash, R. and Yadav, S., Life cycle of *Drosophila melanogaster*. Jeevanti. (1991) 9: 21-24.
49. Parkash, R.; Sharma and **Yadav, J. P.**, Evidence for alcohol dehydrogenase cline in natural populations of *Drosophila annanassae* from India. Cell & Chr. Res. (1994) 17 (1): 12-19.
50. Parkash, R.; **Yadav, J. P.**, Patterns of allozymic variation in Indian natural populations of two colonising drosophilids. Ind. J. Genet. (1995) 55 (3): 283-289.
51. **Yadav, J. P.** and Parkash, R., Patterns of ethanol tolerance in *Drosophila immigrans* and *Zaprionus indianus*. Res. Bull. Punjab Univ. (1994) 44(1-IV): 187-197.
52. **Yadav, J. P.**; Shiv Kumar; Sharma, R.C. and Parkash, R., Analysis of seasonal differences in pupation height in *Drosophila melanogaster* and *Zaprionus indianus* population. Proc. Acad. Environ Biol. (1998) 7 (2): 121-127.
53. **Yadav, J. P.** and Suman Lata. Assessment of Fluoride toxicity and dental fluorosis in Sahlawas block of District Jhajjar, Haryana. J. of Forensic Med. & Toxicology (2002); 19(1): 7-12.
54. **Yadav, J. P.** and Suman Lata. Fluoride concentrations in underground water from Jhajjar District, Haryana. Proceedings 12th National Symposium on Environment. (2003) 12: 291-297.

55. Meenakshi; **Yadav, J. P.** and S. Kumar. Physico-chemical characteristics of Milk Plant Effluent, its impact on growth and mineral composition of *Triticum aestivum* Linn and post harvest effect on soil. Proceedings 12th National Symposium on Environment. (2003) 12: 248-254.
56. **Yadav, J. P.** and Suman Lata. Pollution of fluoride in groundwater in Bahadurgarh block of district Jhajjar, Haryana. Indian Journal of Environmental Protection. (2003) 23 (6): 680-686.
57. **Yadav, J. P.** and Suman Lata. Urinary fluoride levels and prevalence of dental fluorosis in children of Jhajjar district, Haryana. Indian J. of Medical Sciences. (2003) 57 (9): 394-396. Citation Index 6. Impact Factor 0.867.
58. **Yadav, J. P.** and Suman Lata. Fluoride toxicity in drinking water sources of Beri block, district Jhajjar, Haryana. International Journal of Medical Toxicology & Legal Medicine. (2003) 6 (1):26-31.
59. **Yadav, J. P.** and S. Kumar. Folk medicinal uses of some indigenous plants among people of Mahendergarh District, Haryana, India. Plant Archives. (2003) 3 (1):37-43.
60. **Yadav, J. P.**; Suman Lata and Sunil Kumar. Pollution and dental fluorosis in Matanhail block of Jhajjar District, Haryana, India. Intl. J. of Med. Toxicol. & Legal Medicine. (2003) 6 (1): 37-42.
61. **Yadav, J. P.** and S. Kumar. Ethanomedicinal uses of some important plants of Jhajjar District, Haryana, India. Env. Cons. J. (2003) 4 (3): 59-70.
62. **Yadav, J. P.** and Suman Lata. Fluoride levels in drinking water sources in rural area of block Jhajjar, district Jhajjar, Haryana. J. of Water Works Association. (2004) 36 (2): 131-136.
63. **Yadav, J. P.** ; Suman Lata and Jyoti Yadav. Distribution of fluoride in drinking ground water and survey of dental fluorosis in school children. Ann Natl. Acad. Med. Sci. (2003) 39 (3& 4): 65-76.
64. Siwach, P.; Singh, N. and **Yadav, J. P.** Biodiversity conservation strategies for medicinal and aromatic plants; present status and development needs. Proced. Nat. Seminar on "Role of Medicinal and Aromatic Plants in Ayurveda, Unani and Siddha Systems of Medicine". 2005: 41-43.
65. Saini, S., **Yadav, J. P.** and Kalia A. N. Hypoglycemic activity of *Salvadora persica* and *S. oleoides* in Diabetic albino rats. J. of Science and Pharmacy (2006) 7 (1): 5-12.
66. **Yadav, J. P.**, Suresh Kumar and P. Siwach. Folk medicine used in gynecological and other related problems by rural population of Haryana. Indian Journal of Traditional Knowledge (2006). 5 (3): 323-326. Impact Factor .399
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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.**
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*:

Sr. No.	Accession numbers	Sr. No.	Accession numbers
1	JX129227	29	JX144692
2	JX144718	30	JX144711
3	JX144691	31	JX144725
4	JX144695	32	JX144701
5	JX144700	33	JX144694
6	JX144708	34	JX144726
7	JX144729	35	JX144716
8	JX144728	36	JX144720
9	JX144693	37	JX144710
10	JX155769	38	JX144709
11	JX144696	39	JX155768
12	JX144697	40	JX144712
13	JX144698	41	JX144717
14	JX144699	42	JX144727
15	JX155767	43	JX155760
16	JX144702	44	JX155761
17	JX144703	45	JX155762
18	JX144722	46	JX144723
19	JX144704	47	JX144713
20	JX144706	48	JX155763
21	JX144707	49	JX155764
22	JX144705	50	JX155758
23	JX144721	51	JX155759
24	JX144715	52	JX144724
25	JX144719	53	JX144714
26	JX155766	54	KC012991
27	KC012990	55	KC012993
28	KC012992	56	KC012994

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- 91 **Yadav, J.P.** 2011. *Cassia occidentalis*: a good antimicrobial, antioxidant and anti-inflammatory agent. 6th National Conference on Thermodynamics of Chemical and Biological Systems held at Department of Chemistry, M.D. University, Rohtak from November 2nd to 4th, 2011. Page 41-42.
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93. **Yadav, J.P.** and Sanjay Yadav 2012. Impact of environment on genetic diversity of a medicinal, *Dipteracanthus patulus* (Acanthaceae). 99th Session of Indian Science Congress held at KIIT University, Bhubaneswar from January 3 to 7, 2012. Section Plant Science, Oral/Poster Presentation, p. 208.
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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. 100th Session of Indian Science Congress held at University of Kolkata from January 3rd to 7th, 2013. Section Plant Science, invited Lecture, p. 64.

SUPERVISION OF AWARDED DOCTORATE THESIS:

Sr. No.	Name of students	Topic of Thesis
1.	Shiv Kumar 2000	Seasonal divergence among species populations of some Drosophilids
2.	Suman Lata 2002	Analysis of fluoride levels of drinking water sources and incidence of fluorosis in rural areas of district Jhajjar, Haryana.
3.	Meenakshi 2002	Studies on the physico-chemical characteristics of industrial effluents, their effects on soil physico-chemical properties and on crop and vegetables plants.
4.	Suresh Kumar 2003	Medicinal plants of some district of Haryana: an ethanobotanical survey.
5.	Mamta Chahal 2007	Study of flora of central, south and Kalesar forest of Haryana and Efficacy of <i>Achyranthes aspera</i> in promoting oral hygiene.
6.	Sushila Saini 2007	Genetic diversity and hypoglycemic studies of <i>Salvadora</i> species
7	Manju Panghal 2010	Efficacy of plant extract against secondary infections in oral cancer patients
8	Vedpriya Arya 2011	Assessment of genetic variability of <i>Cassia occidentalis</i> and <i>Cassia tora</i> by RAPD markers and evaluation of their biological activity
9.	Mr. Anand Singh Dangi 2012	To study antifungal and antibacterial activity of some selected medicinal plants of Haryana
10	Mr. Sanjay Yadav 2012	Evaluation of genetic variability and medicinal value of <i>Dipteracanthus patulus</i> (Jacq.) Nees.
11	Mrs. Sunil 2012	To study genetic diversity and medicinal value of <i>Achyranthus aspera</i>
12	Mrs. Seema Dhankhar 2012	To study endophytic fungi associated with <i>Salvadora oleoides</i> and its medicinal value.
13.	Mr. Sandeep Kumar 2012	RAPD profiling in detecting genetic diversity of <i>Salvadora oleoides</i> and evaluation of its biological activity.

DOCTRATE THESIS UNDER PROGRESS

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Sr. No.	Name of students	Topic of Thesis
1.	Ms Manila	To study the endophytic fungi associated with <i>Eugenia jambolina</i> and their medicinal value.
2.	Ms Sangeeta	Assessment of functional and genetic diversity of bacteria isolated from the Rhizospheric soil of <i>Trigonella foenum graceum</i> and <i>Phyllanthus amarus</i>
3.	Ms Khusboo	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.
4.	Mr Sandeep Kundu	Analysis of Genetic and Phytochemical Diversity of Aloe vera from Differen Climatic Regions Of India

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