

RESUME

OF

PROF. P.C. JOSHI

Professor

DEPARTMENT OF ZOOLOGY & ENVIRONMENTAL SCIENCE

GURUKULA KANGRI UNIVERSITY

HARIDWAR-249 404 (UTTARAKHAND) INDIA

RESUME



Name (full) : **Prof. Prakash Chandra Joshi**
Name (short) : Prof. P.C. Joshi

Father's name : Late Shri M.P. Joshi

Date of birth : 4th February, 1964

Place of birth : District - Pithoragarh (Uttarakhand)

Postal address : Professor
Department of Zoology and Environmental Sciences
Gurukul Kangri University, HARDWAR – 249404 India

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Present Position : Head, Dept. of Zoology and Environmental Science

Residential address : Manas Kunj, Gyan Lok Colony
Kankhal, HARDWAR – 249408, India

Academic record

| Examination | University | Year | Division | Subjects |
|-------------|---|------|----------|---|
| B.Sc. | Gurukul Kangri University, Haridwar, India | 1983 | Ist | Zoology, Botany, Chemistry |
| M.Sc. | Kumaun University Nainital, India | 1985 | Ist | Zoology (Specialisation in entomology) |
| Ph.D. | Kumaun University Nainital, India | 1990 | | Zoology |

Ph. D. Thesis:

Energy and Nutrient Dynamics of above ground insects in a temperate grassland ecosystem (For Award of Ph.D.)

Academic/Research Activities

| | | |
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| • Research Experience | : | 27 Years |
| • Teaching Experience to UG and PG Classes | : | 20 Years |
| • Books Published (Authored + Edited) | : | 06 (3+3) |
| • Research Papers Published | : | 88 |
| • Foreign Journals | : | 20 |
| • International / National Journals | : | 68 |
| • Research Papers Communicated | : | 03 |
| • Articles of General Interest Published | : | 05 |
| • Seminars/Conferences Attended | : | 54 |
| • Invited lectures / Key note lectures | : | 12 / 3 |
| • Number of Students Supervised for Ph.D. | : | 17 |
| • Number of Students Registered for Ph.D. | : | 04 |
| • Number of Students Supervised for M.Sc. Dissertation | : | 28 |
| • Number of Students Working for M.Sc. Dissertation | : | 01 |
| • Gold Medal, Young Scientist's Awards and Honours Received | : | 06 |
| • Foreign Countries Visited | : | 07 |
| • Foreign Universities Visited | : | 16 |
| • Member of Editorial Board of Research Journals | : | 04 |

Elected Council Member in the Environmental Science Section of Indian Science Congress for 2005-06 and 2012-13

Member of Academic Bodies : 08

- Indian Academy of Environmental Sciences (IAES)
- International Society for Applied Biology
- Indian Science Congress Association (ISCA)
- The Orthopterist's Society (USA)
- International Society for Conservation of Natural Resources (ISCON)
- Society of Environmental Sciences.
- Zoological Society of India (ZSI)
- Action for Sustainable Environment Association (ASEA)

Honorary Fellowship : 06

- Fellow of Indian Academy of Environmental Sciences (FIAES)
- Fellow of Zoological Society of India (FZSI)
- Fellow of Society of Environmental Sciences (FSESc)
- Fellow of International Society for Conservation of Natural Resources (FNRS)
- Fellow International Society for Applied Biology
- Fellow Action for Sustainable Environment Association FASEA)

Area of Specialisation

- **Insect Ecology and biodiversity**
- **Forest Ecology**
- **Environmental Conservation and Management**
- **Monitoring of Air Pollutants**

Area of Interest

- Natural resources and biodiversity conservation in Himalayan region and Air pollution

Research Projects/Consultancy

- Research Projects Sanctioned : 09
- Research Projects Completed : 08
- Research Projects in Hand : 01

| S.No. | Project Title | Funding Agency | Duration |
|-------|---|--|-----------|
| 1. | Bio-Diversity of Above Ground insects in Relation to Changing Eco-climatic Conditions and Anthropogenic Activities in Motichur Forests of Rajaji National Park. | Indian Council of Forestry Research and Education. | 1997-2000 |
| 2. | An Eco-biological Study of Entomofauna of Nanda Devi Biosphere Reserve. | Ministry of Environment and Forests, Govt. of India, | 1998-2001 |
| 3. | Eco-biological Study of Entomofauna of, south-eastern part of Nanda Devi Biosphere Reserve Phase. | Ministry of Environment and Forests, Govt. of India, | 2001-2003 |
| 4. | Decomposition of solid waste by Earthworms. | University Grants Commission | 2002-04 |
| 5. | Impact of automobile pollution on vegetation around Hardwar | University Grants Commission | 2005-2008 |
| 6. | Diversity of insect pollinators in the apple, pears, peach and citrus orchards of Mukteshwar area of district Nainital. | Uttarakhand Council of Science and Technology. | 2007-09 |

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| 7. | Population dynamics of Coccinelids in the fruit orchards of Kumaun region and their potential to control the pests | University Grants Commission | 2009-2012 |
| 8. | Species diversity of aboveground insects and identification of economically important species vis a vis their role in sustaining a forest ecosystem | G B Pant Institute of Himalayan Env. And Development, Kosi, Almora | 2010-2013 |

Seminars/Conferences Organised:

| S.No. | Title of Seminar/Conference | Year | Organising Agency |
|-------|--|--|--|
| 1. | Indian Entomology: Productivity and health | 2-4 October 2005 | Uttar Pradesh Zoological Society Local Organising Secretary |
| 2. | Biodiversity of Uttaranchal State | 27-28 March 2006 | Dept. of Zoology and Env. Sciences Organising Secretary |
| 3. | Biodiversity in the Himalayan States of India with special reference to Uttarakhand | 18-19 March 2007 | Dept. of Zoology and Env. Sciences Organising Secretary |
| 4. | National Seminar on "Status of biodiversity among the mountainous states of India" | 16-17 March 2008 | Dept. of Zoology and Env. Sciences Organising Secretary |
| 5. | National Seminar on "Insect pests and their biological control methods" | 4-6 th October 2008 | Uttar Pradesh Zoological Society Organising Secretary |
| 6. | National Seminar on Status of biodiversity and conservation | 27-28 February 2009 | Dept. of Zoology and Env. Sciences, GKV, Haridwar Organising Secretary |
| 7. | National Seminar on Responses of eco-biological components to the phenomenon of global warming | 26-27 th September 2009 | Dept. of Zoology, Kumaun University, Nainital Organising Secretary |
| 8. | Refresher Course in Biological Sciences | 23 rd Sept. to 14 th Oct. 2009 | Academic Staff College, Kumaun University, Nainital Additional Coordinator |
| 9. | National seminar on trends in climate change and their impacts on faunal diversity and their systems | 20-21 February 2010 | Dept. of Zoology and Env. Scieees, GKV, Haridwar Organising Secretary |
| 10. | International Conference on Biodiversity and environmental governance in Canada and India: Safeguarding ecosystems for human welfare | 25-27 October 2010 | Centre for Canadian Studies, GKV, Haridwar Dy. Co-ordinator |

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| 11. | One week national workshop on Taxonomic Keys and identification tools for different groups of flora and fauna | 29 October to 3 November 2012 | Dept. Of Zoology and Env. Science, Gurukula Kangri University, Haridwar Coordinator |
| 12. | National seminar on Status of Environment and Biodiversity: Rio + 20 and role of Space Technology” | 2-3 November 2012 | Dept. Of Zoology and Env. Science, Gurukula Kangri University, Haridwar Organising Secretary |

Duties / Responsibilities:

Training Courses Attended In India and Abroad

1. Biological Monitoring of Forests - Two weeks training on “Biological Monitoring of Forests” conducted by British Council and Wild Life Institute of India at wild Life Institute of India, Dehra Dun, 1994.
2. Biodiversity Conservation - Four months training at University of Kent, Canterbury and University of Bradford, Bradford, U. K., 1994.
3. Captive Breeding of Endangered Species - Three weeks training at Jersey Wild Life Preservation Trust, Jersey, U.K.,1994.
4. Enforcement of Convention on International Trade in Endangered Species of Flora and Fauna - Four days training organised by U S Fish and Wild Life Service, CITES Secretariat and Ministry of Environment and Forests at New-Delhi, 1995.
5. Management of Natural Resources By Remote Sensing - Four weeks training organised by National Resources Management System, Hyderabad, at Indian Institute of Remote Sensing, Dehra Dun, 1997.
6. Biodiversity and Conservation of Entomofauna : Tools and Techniques - Worked in the Dept. Renewable Resources, University of Wyoming, Laramie, USA, 1999.
7. Graduated as Climate Change Leader from LEAD India in 2009.
8. Regional Training Workshop on Factoring Environmental Flows into integrated Water Resources Management, organised by National Institute of Ecology, New Delhi in association with CIFRI, Barrackpore, W. B. during 6-11 November 2012.

Universities and Institutions Visited Abroad

1. University of Kent, Canterbury, U. K.
2. University of Reading, Reading, U. K.
3. Jersey Wild Life Preservation Trust, Jersey, U. K.
4. Bradford University, Bradford, U. K.
5. Cambridge University, Cambridge, U.K.
6. World Conservation and Monitoring Centre, Cambridge, U. K.
7. Scottish Natural Heritage, Edinburgh, Scotland.
8. Institute of Tropical Forestry, University of Scotland, Scotland.
9. University of Wyoming, Laramie, USA. 1999
10. Colorado State University, Fort Collins, USA. 1999
11. Weed and Pest management organisation, Torrington, USA. 1999
12. Chulalongkorn University, Bangkok, Thailand. 2006.
13. University of Malaya, Kuala Lumpur, Malaysia. 2007.
14. University of Kuala Lumpur, Kuala Lumpur, Malaysia, 2007
15. National University of Singapore, Singapore, 2008
16. Wuhan University, China, 2011

Fellowships and Awards

1. Certificate of Merit and Gold Medal- Awarded by Uttar Pradesh Higher Education Commission, Govt. Of Uttar Pradesh on obtaining first division and first position in University at graduate level- 1983.
2. Obtained first division and third position in the entire University at Post Graduate level examinations (M. Sc. Zoology)
3. Junior Research Fellow - A UGC sponsored Research Project (For a period of two years, 1985-1987).
4. Senior Research Fellow - A UGC sponsored Research Project (For a period of one years, 1987-1988).
5. Merit based Senior Research - Awarded by Council of Scientific and Industrial Research (CSIR) vide CSIR's letter No. 9/428 (18) - EMR-I for a period of three years- 1989
6. Colombo Plan Fellowship - Awarded by Govt. of India and British Council to undergo a training on Biodiversity Conservation in United Kingdom - 1994.
7. Awarded Young Scientist Award and Gold Medal for best oral research paper presentation in National Symposium on Faunastic diversity, Environmental monitoring and Biotechnology in the year 1998.
8. BOYSCAST Fellowship of Department of Science and Technology, Govt. of India, for the year 1998-99, for a period of Six months, worked at University of Wyoming, USA.
9. Awarded Young Zoologist Award and Gold medal by the Zoological Society of India on the 62nd anniversary of Society in the year- 2000.

10. Congress of Zoology Medal during National Conference at B.A.Marathwada University, Aurangabad-2005.
11. Madhavi Shyam Gold Medal for Entomolgy by Zoological Society of India for outstanding research and academic contributions in the field of Entomology-2007
12. Best oral presentation award during 11th Biological Science Congress organised by Chulalongkorn University, Bangkok, Thailand, 2006.
13. Awarded Honorary Fellowship of Action for Sustainable Environment Association (FASEA) during a National Seminar organised at Rishikesh during 27-28 February 2011.
14. Awarded Swami Mahesanand Giri Memorial Gold medal for valuable contributions in the field of Zoology and Environmental Science during the International Conference on Recent Trends in Climate Change Researches vis a vis Biodiversity held at MJP Rohilkhand University, Bareilly during 3-4 December 2012.

Extra Curricular Activities

1. Won 1st prize in Inter Schools Debate Competition 1980, held at Govt. Inter College, Almora.
2. Represented College in State Level Science Exhibition 1981, held at Allahabad.
3. N.C.C “B” Certificate passed.
4. N.S.S worked as group leader.
5. Stood Ist in Departmental Seminars while a student of M.Sc. at Kumaun University, DSB Campus, Nainital, 1985.
6. Secretary Academic Association, Department of Zoology while student of M.Sc. II, 1985.
7. Vice President, Kumaun University Research Association for the Academic year 1988-89.
8. Treasurer Gurukul Kangri University Teachers Association, 2004-06.
9. Member Academic Council of Gurukula Kangri University, Haridwar, 2003-06.
10. Founding Secretary and Coordinator, Alumni Association, Gurukula Kangri Vishwavidyalaya-since 2007.
11. Secretary, Gurukula Kangri University Teacher’s Association for 2010-11 and 2012-13.

Books Authored/Edited:

1. *Biodiversity and Conservation (2004): APH Publishing House, Daryagunj, New Delhi*
2. *A Text Book of Ecology and Environment (2005); Himalaya Publishing House, New Delhi*
3. *Cell and Molecular Biology (2005): Gurukula Kangri University, Haridwar*
4. *Environmental Pollution and Toxicology (2008): Eds. B. D. Joshi, P. C. Joshi and Namita Joshi: APH Publishing House, Daryagunj, New Delhi*
5. *Biodiversity and Environmental Management [2008]:Eds. B.D.Joshi, C.P.M.Tripathi and P.C.Joshi, APH Publishing House, Daryagunj, New Delhi.*
6. *A Text Book of Environmental Studies (2009): APH Publishing House, Daryagunj, New Delhi*

Students Supervised / Registered for Ph.D.

| S. No. | Name of Student | Title of Thesis | Year of Award/ Registration |
|--------|---------------------|--|--------------------------------|
| 1. | Neelesh Vashishth | An eco-biological study of entomofauna of Motichur Forest in Rajaji National Park | Awarded - 2001 |
| 2. | Ajeet Singh | A comparative study of Lepidopteran fauna in a deciduous forest and in a high altitude forest. | Awarded - 2001 |
| 3. | Vinod Prasad Badoni | Studies on Orthopteran insects from a high altitude forest in India | Awarded - 2001 |
| 4. | Kishore Kothari | An eco-biological study of insects in a high altitude biosphere reserve. | Awarded - 2002 |
| 5. | Pawan Kumar Joshi | Geo-spatial analysis of central India for conservation and planning, using Remote Sensing and Geographical Information System. | Awarded - 2002 |
| 6. | Manoj Kumar Arya | Population dynamics of insects in Pinder Valley in NDBR | Awarded - 2005 |
| 7. | Ashish Agrawal | Biodiversity of insects in relation to some vegetational and soil parameters in Siwalik forests near Hardwar | Awarded - 2006 |
| 8. | Gaurav Sharma | Species diversity and reproductive behaviour of some Odonata in Punjab Siwaliks. | Awarded - 2006 |
| 9. | Abhishek Swami | Effects of automobile pollution on plants and soil around Hardwar. | Awarded -2007 |

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| 10. | Mrs. Tarana Negi | An eco-biological study of Hinval river in Tehri district. | Awarded -2008 |
| 11. | Pramod Kumar | Effect of reduced tillage and lantana mulching on soil microbial processes, soil fertility and crop yield in the Central Himalayan cropfield. | Awarded-2008 |
| 12. | Mr. Pushpendra Kumar Sharma | Distribution, Diversity, Abundance and feeding preferences of Coccinelids in three districts of Uttaranchal | Awarded-2009 |
| 13. | Mr. Avnish Chauhan | Assessment of some air pollutants and their impact on few crop plants around Hardwar. | Awarded-2009 |
| 14. | Mrs. Alka Rai | Diversity of mammals and birds in Rajaji National Park | Awarded-2010 |
| 15. | Naveen Chandra Joshi | Status of insect pollinators in the apple, peach, pears and citrus orchards In Mukteshwar area of district Nainital | Awarded-2010 |
| 16. | Rakhi Tyagi | Diversity of Lepidoptera in Nainital and Udham Singh Nagar Districts of Uttaranchal | Awarded-2011 |
| 17. | Mahadev Semwal | Contamination of roadside air, vegetation and soil in and around Haridwar | Awarded-2012 |
| 18. | Abhay Bahuguna | Effect of tourism on Badrinath and its adjoining areas | Registered - 2008 |
| 19. | Sanjay Kumar | Insect fauna associated with mango and other fruit orchards of district Haridwar | Registered - 2009 |
| 20. | Rohit Chaudhary | Studies on some structural and functional aspects of selected forest ecosystem of district Nainital under the trends of climate change | Registered 2011 |
| 21. | Vikrant Vijay Singh | Impacts of anthropogenic activities on costal salt marshes and ground water recharge dynamics of Porbandar distrect | Registered - 2011 |

Students Supervised for M. Sc. Dissertation

| S. No. | Name of Student | Title of Dissertation | Year |
|--------|------------------|--|------|
| 1. | Sunder Singh | Generation of solid waste at Har Ki Pauri, Hardwar and its disposal. | 1997 |
| 2. | Romesh Sharma | Density, biomass and species composition of above ground insects in a crop land system. | 1997 |
| 3. | Jugdish Kumar | The composition, density, frequency and abundance of arthropod fauna of a protected forest in Motichur Sanctuary of Rajaji National Park. | 1998 |
| 4. | Ritesh Joshi | Some population characteristics of vegetation of Motichur forest of Rajaji National Park. | 1998 |
| 5. | Vikas Vats | Preliminary studies on antifeedent effect of Neem (<i>Azadirachta indica</i>) leaves on grasshoppers. | 1999 |
| 6. | Atal Bhadur | Socio-Economic impacts of pilgrimage in Hardwar. | 2000 |
| 7. | Rajeev Rajput | Impact of fly ash and discharges of thermal power station on some soil parameters. | 2000 |
| 8. | Manoj Sharma | Assessment of some physico-chemical and biological parameters of waste water from thermal power station at BHEL. | 2001 |
| 9. | Lokesh Sharma | Inventarization of biodiversity of some major groups of flora and fauna in and around Hardwar. | 2001 |
| 10. | Siddarth Sharma | Effect of land fills on some physico-chemical parameters of soil and water. | 2001 |
| 11. | Raj Kumar Sharma | Analysis of some physico-chemical parameters of Ganga water at selected sites. | 2002 |
| 12. | V. K. Sethi | Physico-chemical parameters of sewage samples at sewage treatment plant at BadarPur Thermal Power Plant, New Delhi. | 2002 |
| 13. | Avnish Chauhan | Bio-composting of solid waste by using Eartworms. | 2003 |
| 14. | Jitendra Kumar | Physico-chemical analysis of effluent coming out from IFFICO-at Awanla, Bareilly district. | 2003 |
| 15. | Amit Chaudhry | A comparative study of physici-chemical characteristics of soil irrigated by sugar mill waste water and stream water | 2004 |
| 16. | Abhishek Kumar | A comparative study of physici-chemical characteristics of soil put under different Land use pattern at Malsi Dear Park, Dehradun-Musoorie road, Dehradun. | 2004 |
| 17. | Sandeep Thakur | Monitoring of benzene, toluene and xylene (BTX) in the atmosphere of Delhi. | 2005 |
| 18. | Anoop Bagwari | Analysis of some of the parameters of soil in land slide | 2005 |

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| | | area of Varunavat in district Uttarkashi | |
| 19. | Arun Deshwal | An inventory of Lepidoptera from District Almora | 2006 |
| 20. | Wazid Ali | An inventory of Orthoptera from District Almora | 2006 |
| 21. | Bhumani Vishal | Altitudinal distribution of butterfly species in a temperate forest. | 2007 |
| 22. | Pushpendra S. Pal | Impact of anthropogenic activities on natural resources in Himalayan region. | 2007 |
| 23. | Devaskar Semwal | Study of incineration of hazardous waste through incinerator at Asian paints, Greater Noida | 2008 |
| 24. | Manvendra Singh | Nano filtration and its application in the environment | 2008 |
| 25. | Neeraj Mehar | Resource utilization by the local communities from the Askot Wild life sanctuary, district Pithoragarh, Uttarakhand | 2009 |
| 26. | Deepak Kumar | | 2010 |
| 27. | Yogendra Singh | Analysis of water quality of river Ganga at selected sites in Haridwar | 2011 |
| 28. | Lalit Kumar | Status of ambient air at selected sites of Haridwar | 2012 |
| 29. | Sandeep Kumar | Physico-chemical and microbiological studies of waste water | 2013 |

List of Seminar/Symposia Attended

1. National Seminar on “Fish and Their Environment”, organised by Deptt. of Zoology, Gurukul Kangri University, Harwar, 1986.
2. National Seminar on “Nutritional Ecology of Insects and Their Environment:”, organised by Deptt. of Zoology, S. D. P. G. College, Muzaffarnagar, 2-4 October, 1988.
3. International Seminar on “Forestry Forum of Developing Countries”, organised by M/O Environment and Forests, New-Delhi, 1993.
4. National Seminar on “Biodiversity and Conservation”, organised by Dept. Botany, Govt. P. G. College, Rishikesh, 28-30 September, 1997.
5. National Seminar on “Trends in Life Sciences”, organised by Deptt. of Zoology, Punjabi University, Patiala, 23-25 October, 1997.
6. International Seminar on “Bio Diversity and Sustainable Development” Organised by Deptt. of Zoology, Vikram University, Ujjain and M. P. S. S. R. Council at Vikram University, Ujjain, 18-21 December, 1997.
7. National Seminar on “Faunistic - Biodiversity, Environmental Monitoring and Biotechnolog”, organised by Deptt. of Zoology and Environmental Sciences, Gurukul Kangri University, Harwar, 1998.
8. 10th All India Congress of Zoology and National Seminar on Environmental Degradation and Animal Biodiversity. Organised by Deptt. of Zoology, Magadh University, Bodh Gaya, 14th to 18th October, 1998.
9. National Conference on Sustainable Ecosystem and Environment. Organised by ASEDA, Rishikesh, 2-3 November, 1998.
10. National workshop on “Neem based Industry Techno commercial aspects and Extortion”, organised by Fragrance and Flavour Development Centre, Kannauj, NBRI, Lucknow and DMSRDE, Kanpur, 26-27 October, 1999.
11. National Conference on “Retrospect of Indian Research on Environmental Pollution: Focus 21st century”, organised by Environment Monitoring, Training and Research Centre, New-Delhi, 22-23 November, 1999.
12. Ninth National Symposium on Environment. Focal Theme - Pollution in Urban Environment. Organised by Board of Research in Nuclear Sciences, department of Atomic energy and Bangalore University, Bangalore, 5- 7 June, 2000.
13. National seminar on Environmental Pollution prevention and control for healthy living organised by Environment Monitoring, Training and Research Centre, Delhi, 6-8 November, 2000.

14. National Symposium on - Status of India's faunistic diversity and environment and XII All India Congress of Zoological Society of India, organised at Gurukul Kangri University during 29-31 December, 2001.
15. National seminar on Environmental Hazards and future generations organised by Chinmaya Degree College, Hardwar, 11-12 May, 2002.
16. National Seminar on Relevance of Biosphere Reserves, National Parks and Sanctuaries, organised by Dept. of Zoology and Env. Sciences, GKV and, Nature Conservators, Muzaffarnagar during 25-26 May, 2002.
17. National Conference on Zoology- Vision for 21st Century and 13th All India Congress of Zoology, held at Bangalore University Bangalore, 28-31 December, 2002.
18. National Symposium on Radio and Atmospheric Science, organised by National Physical Laboratory, New Delhi, 17-18 February, 2003.
19. National Symposium on Trends in Life Science Research, Organised by Dept. of Zoology, Punjabi University, Patiala, 12-13 March, 2003.
20. 91st Session of Indian Science Congress held at Panjab University, Chandigarh, 3rd to 5th January, 2004.
21. National seminar on Agnihotra and Brahmanda organised by Gurukula Kangri University, Hardwar, 12-14th March, 2004.
22. National seminar on Status of biodiversity in India particularly in Himalayan regions organised by Centre of Research and Development, Department of Environmental Sciences, University of Kashmir, Srinagar, 23rd to 25th March, 2004.
23. National Seminar on Value Paradigms for Education in 21st Century in India Organised by Internal Quality Assurance Cell, Gurukula Kangri University, Hardwar, 14th to 16th May, 2004.
24. One day workshop organised by Indian Space Research Organisation on ISRO-Academic Interface at IIRS Dehradun on 11th September 2004.
25. First national stakeholders consultation workshop for project on "Conservation and Management of Pollinators for Sustainable Agriculture, Through Ecosystem Approach" At Gobind Ballabh Pant Institute of Himalayan Environment & Development (GBPIHED), Kosi-Katarmal, Almora on 8th and 9th October 2004.
26. 14th All India Congress of Zoology held at Jammu University, Jammu during 28th – 31st October, 2004 and presented a research paper on Community Structure of Coleoptera in a Moist Deciduous Forest in India and also acted as rapporteur in entomological section of one session.
27. International Conference on Birds and Environment- Organised in the Department of Zoology and Environmental Sciences, Gurukula Kangri University, Hardwar from 21 to 24 November 2004.

28. 92nd Session of Indian Science Congress Association held at Nirma University, Ahmedabad from 3-7th January 2005 . Delivered an invited lecture and acted as a rapporteure in two sessions.
29. National symposium on Challenges and opportunities in animal science education and research organised by Dept. of Zoology, Meerut University, Meerut during 19-21 February, 2005.
30. National Symposium on Advances in Indian Entomology:Productivity and Health. Organised by Uttar Pradesh Zoological Society at Haridwar during 2-4 October 2005.
31. National Conference on Environment and Natural Disaster Management. Organised by Deptt. Of Zoology, Rajasthan University, Jaipur during 28-30th November 2005.
32. Two days workshop on Ecosystem Services: Economics and Ecology, organised at GBPIHED, Kosi, Katarmal, Almora, 24th -25th February, 2006
33. Biodiversity of Uttaranchal: A two days seminar organised at Deptt. Of Zoology and Env. Sciences, GKV, Hardwar under the UGC-SAP during 27th -28th March, 2006.
34. International Symposium on status of research in Zoology, Environment and Biotechnology in India, organised by Gorakhpur University, Gorakhpur during 11-13 November 2006.
35. 11th Biological Science Congress organised by Chulalongkorn University, Bangkok, Thailand during 15th -17th December 2006.
36. National Seminar on Biodiversity of Himalayan States: With special reference to Uttarakhand. 18th-19th March, 2007
37. 18th Zoological Science Congress and National Conference ob Status of Zoology Environment. Held at University of Lucknow, from 7th-9th December 2007.
38. 12th Biological Science Congress held at University of Malaya,Kuala Lumpur, Malaysia during 17-19 December 2007.
39. Status of Biodiversity among the Mountainous States of India, held at Gurukula Kangri University, Haridwar during 16-17 March 2008.
40. National Seminar on “Insect pests and their biological control methods” Organised by Uttar Pradesh Zoological Society, Muzaffarnagar, 26-28 October, 2008.
41. 13th Biological Science Congress held at National University of Singapore, Singapore during 14th-16th December 2008.
42. National Seminar on Status of biodiversity and conservation organised by Dept. of Zoology, Gurukula Kangri University, Haridwar, 26-27 February, 2009.
43. National seminar on Response of eco-biological communities to the phenomenon of global warming held at Kumaun University, Nainital during 26-27 September 2009.

44. National seminar on Climate change and sustaining mountain ecosystems, organised by British High Commission and LEAD India at INSA, New Delhi during 6-7 November 2009.
45. National seminar organised by Central Institute of Fisheries Education, Mumbai and Zoological Society of India at CIFE, Mumbai during 29-31 December 2009.
46. National seminar on trends in climate change and their impacts on faunal diversity and their systems organized by Gurukula Kangri University, Haridwar during 20-21 February 2010.
47. International conference on Biodiversity and environmental governance in Canada and India: Safeguarding ecosystems for human welfare: 21-23 October- 2010 organised by Mc Master University, Canada and Centre for Canadian studies Gurukula Gangri University, Haridwar.
48. National Conference on Climate change and its impact on biological communities organised by Dept. Of Env. Science, Dr. R. M. L. Awadh University, Faizabad during 12-13 Feb. 2011
49. National Seminar on Environment and Biodiversity organised by ASEA and Omkaranand Institute of Management, Rishikesh during 27-28 Feb. 2011.
50. International Conference on Environmental Pollution and Public Health organised by University of Wuhan, China in Wuhan during 10-12 May 2011.
51. 99th Session of Indian Science Congress Association, Held in Bhubneshwar, 1-7th January 2012.
52. National Seminar on Industrial Pollution, Environment and Biodiversity, Organized by Ruhelkhand University, Moradabad, 17-18 February 2012.
53. National Seminar on Natural Resources Management organized by Pune University at Jamkhed Mahavidyalaya, Ahmadnagar during 5-7 March 2012, delivered Key Note Address.
54. National Seminar on Status of Environment and Biodiversity: Rio + 20 and role of Space Technology organised By Gurukula Kangri University Haridwar during 2-3 November 2012.
55. International Conference on Recent trends in climate change researches vis a vis biodiversity organised by M J P Rohilkhand University, Bareilly during 3-4 December 2012.
56. 100th Session of Indian Science Congress Association held at Calcutta University, Kolkatta during 3-7 January 2013.

List of Research Publications

Foreign Journals

1. Kaushal B.R. & Joshi P.C., 1991. Energy dynamics of grasshopper population in a Temperate grassland ecosystem. *Aust. J. Ecol., Australia*, Vol. 16, 295-300.
2. Joshi, P.C., Lockwood, J. A., Vashishth, Neelesh and Singh, Ajeet, 1999. Grasshopper (Orthoptera: Acrididae) community dynamics in a moist deciduous forest in India. *Journal of Orthoptera Research, U.S.A* , Vol. 8, 17-23.
3. Joshi, P.C. and Lockwood, J. A., 2000. Antifeedent effect of aqueous extract of neem (*Azadirachta indica*) leaves on *oxya velox* F. (Orthoptera : Acrididae). *J. Agric. Urban Entomol. USA*. 17 (1): 21-26.
4. Joshi, P. K., S. Singh, S. Agarwal, Roy, P. S., and Joshi, P.C. (2004). Aerospace technology for forest vegetation characterization and mapping in central India. *Asian Journal of Geo-informatics*. 4(4). 19-26.
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