

BIODATA



PERSONAL PARTICULARS:

Name

DR. RAJENDRA SINGH PARODA

Affiliation

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BIOGRAPHICAL INFORMATION:

Date & Place of Birth

28 August 1942. Ajmer, Rajasthan, India

Education

Ph.D., D.Sc. (Honoris Causa)

Field of Specialization

Genetics and Plant Breeding,
Plant Genetic Resources

ACADEMIC QUALIFICATIONS:

Degree	Year	Subject	University
B.Sc. (Ag.)	1962	Agriculture	University of Rajasthan, Jaipur
M.Sc. (Ag.)	1964	Plant Breeding & Genetics	University of Udaipur, Udaipur
Ph.D	1968	Genetics	Indian Agricultural Research Institute (IARI), New Delhi
Post-doctoral Program	1968-70	Plant Breeding & Genetics	University of Wales, Aberystwyth, U.K. (On Commonwealth Scholarship)
D.Sc. (Honoris Causa)	1993	Science	C.S. Azad Univ. of Agriculture & Technology, Kanpur
	1996	Science	G.B. Pant University of Agriculture & Technology, Pantnagar
	1997	Science	Assam Agricultural University, Jorhat
	1998	Science	Tamil Nadu Agricultural University, Coimbatore
	1998	Science	Acharya N.G. Ranga Agril. University, Hyderabad
	2000	Science	Banaras Hindu University, Varanasi
	2000	Science	Ohio State University, Columbus, USA
	2003	Science	Maharana Pratap University of Agriculture and Technology, Udaipur
	2003	Science	VBP University of Agriculture, Meerut
	2004	Science	Scientific Council of Agricultural Academy, Ministry of Education, Republic of Azerbaijan
	2010	Science	Sher-e-Kashmir Univ of Agricultural Sciences & Technology, Srinagar

2012	Science	Indian Agricultural Research Institute, New Delhi
2012	Science	Orissa University of Agriculture & Technology, Bhubaneswar
2012	Science	Punjab Agricultural University, Ludhiana
2013	Science	University of Agricultural Sciences, Dharwad
2018	Science	Jawahar Lal Nehru Krishi Vishwa Vidhyalaya, Jabalpur
2018	Science	Professor Jayashankar Telangana State Agricultural University, Hyderabad
2019	Science	Acharya Narendra Deva University of Agriculture and Technology, Kumarganj
2020	Science	Sri Karan Narendra Agriculture University, Jobner
2023	Science	Vivekananda Global University, Jaipur
2023	Science	Acharya N.G. Ranga Agril. University, Lam Guntur, A.P.

MERIT SCHOLARSHIPS:

1. University Merit Scholarship for M.Sc. (Ag.) in Plant Breeding securing University Gold Medal.
2. Recipient of the Commonwealth Scholarship for post-doctoral research in U.K.

POSITIONS HELD:

Sr. No.	Designation	Institution and Place	Period
1.	Forage Breeder	Haryana Agricultural University, Hisar	1971-77
2.	Project Coordinator (Forage Crops)	All India Coordinated Project on Forage Crops, New Delhi	1977
3.	Head, Division of Plant Studies	Central Arid Zone Research Institute, Jodhpur	1977-79
4.	Professor and Head, Department of Plant Breeding	Haryana Agricultural University, Hisar	1979-83
5.	Additional Director of Research	Haryana Agricultural University, Hisar	1983-85
6.	Director	National Bureau of Plant Genetic Resources, New Delhi	1985-87
7.	Deputy Director General (Crop Sciences)	Indian Council of Agricultural Research, New Delhi	1987-92
8.	Regional Plant Production and Protection Officer	FAO Regional Office for Asia and the Pacific, Bangkok, Thailand	August 1992 - Sept. 1994
9.	Secretary, DARE & Director General, ICAR	Department of Agricultural Research & Education, Govt. of India and Indian Council of Agricultural Research, New Delhi	Sept. 1994 – August 2001
10.	Head and Regional	Program Facilitation Unit (PFU),	August 2001 –

	Coordinator, CGIAR Collaborative Research Program for CAC	CGIAR Collaborative Research Program for CAC, ICARDA Regional Office, Tashkent, Uzbekistan	April 2007
11.	Assistant Director General (International Cooperation)	International Center for Agricultural Research in the Dry Areas (ICARDA), P.O.Box 5466, Aleppo, Syria	April 2007 – November 2007
12.	Chairman	Haryana Farmers' Commission, Panchkula, Haryana	August 2010 – December 2014

TEACHING AND GUIDANCE:

More than 12 years of teaching experience at post-graduate level
Guided 12 Ph. D. and 4 M. Sc. students in Plant Breeding and Genetics.

HONORS, AWARDS/RECOGNITIONS RECEIVED:

I. Membership of Academic and Scientific Societies:

1. Elected Foreign Fellow of Australian Academy of Technological Sciences and Engineering (ASTE) (2022)
2. Elected as General President of the *Indian Science Congress (2000-2001)*
3. Elected fellow of the *Third World Academy of Sciences (TWAS)*
4. Elected fellow of National Academy of Agricultural Sciences (NAAS), India, Russian Academy of Agricultural Sciences, Georgian Academy of Agricultural Sciences, Tajik Academy of Agricultural Sciences and Armenian Academy of Agricultural Sciences
5. President of the *National Academy of Agricultural Sciences (NAAS)*, New Delhi for the period 1997-2000. Also served as its Vice-President
6. Elected Fellow of the *Indian National Science Academy (FNA)*, New Delhi in 1986
7. Elected Fellow of the Indian Academy of Sciences, Allahabad in 1988
8. Fellow of the *Indian Society of Genetics and Plant Breeding* since 1969
9. Elected Fellow of the *Crop Improvement Society of India* in 1993
10. Elected Honorary Fellow of the *Seed Association of India (SAI)* in 1988
11. Elected President of the following National Scientific Societies:
 - i) *Indian Society of Genetics and Plant Breeding* (1985-88).
 - ii) *Indian Society of Plant Genetic Resources* (1987-92) and (1995-97).
 - iii) *Indian Society of Oilseeds Research* (1991-94).
 - iv) *Indian Society of Forage Research* (1991-94) and (1996-98).
 - v) *Indian Society of Desert Technology* (1987-90).
 - vi) *Indian Society of Allelopathy* (1991-94) and (1995-97).
 - vii) *Indian Society for Plant Biochemistry and Biotechnology* (1995-96).
 - viii) *Indian Society for Plant Physiology* (1996-98).
 - ix) *Indian Society for Agricultural Statistics* (1995-2002).
 - x) *Association of Microbiologists of India* (1998)
 - xi) *The Orchid Society of India* (1997-2001)

II. Honors and Awards:

(a) Awards received:

<i>S.No</i>	<i>Award</i>	<i>Context</i>	<i>Period</i>
1.	Rafi Ahmed Kidwai Prize	Most prestigious award given by ICAR for excellence in research (based on work on	1982-83

<i>S.No</i>	<i>Award</i>	<i>Context</i>	<i>Period</i>
		cluster bean-guar)	
2.	ICAR Team Research Award	For meritorious work on forage sorghum	1983-84
3.	FICCI Award	Given by the Federation of Indian Chamber of Commerce and Industry for outstanding research achievements	1988
4.	AISMAN Award	For research contributions in the field of plant breeding	1988
5.	Om Prakash Bhasin Award	Presented by the Prime Minister of India for outstanding scientific achievements in the field of agriculture	1992
6.	Linker Award	For significant contributions in the field of agricultural research and extension	1995
7.	Sir Chhotu Ram National Award	For outstanding research in agriculture and rural development – given by Haryana Agricultural University	1994-95
8.	Asia Pacific Seed Association (APSA) Special Award	For the promotion of Seed Sector in the region	1995
9.	World Food Day Award	Given by FAO for distinguished communication on food and agriculture	1995
10.	Raj Kristo Dutt Memorial Award	Given by the Indian Science Congress Association	1995-96
12.	The Silver Jubilee Commemoration Medal	Award by the Indian National Science Academy	2000
13.	CGIAR Award for Outstanding Scientific Partnership	Award by the Consultative group on International Agricultural research (CGAIR), which Dr. Paroda received as Head of Indian NARS from Dr. Ian Johnson, Chairman, CGIAR, in partnership with Dr. Ronald Cantrell, Director General, IRRI, and Prof. Timothy Reeves, Director General, CIMMYT.	2000
14.	Life Time Award by the Association of Agricultural Scientists of Indian origin	Given the Life Time Award by the Association of Agricultural Scientists of Indian origin working abroad for his outstanding services to agricultural sciences	2001
15.	Dr. Harbhajan Singh Memorial Award	Best national award for meritorious work on plant genetic resources given by the Indian Society of Plant Genetic Resources	2001
16.	B.P. Pal Memorial Award and the Gold Medal	For outstanding contributions to overall Agricultural Research and Development given by the National Academy of Agricultural Sciences (NAAS)	2003
17.	Norman E. Barlaug Award	In recognition of Dr. Raj Paroda's life long contributions to Indian and global agriculture. Presented by Hon'ble President of India in the Indian Science Congress held in Hyderabad	2006
18.	Gold Medal for Excellence in Science	For significant contributions to agricultural science and able research management.	Jan, 2006

<i>S.No</i>	<i>Award</i>	<i>Context</i>	<i>Period</i>
		Presented by the Prime Minister of India in the Indian Science Congress	
19.	Gold Medal from Ministry of Agriculture, Armenia	For outstanding contribution towards the development of sustainable agriculture in Armenia	Sep, 2006
20.	ISCA Gold Medal	For Excellence in Science	2006
21.	Agriculture Leadership Award	Award for lifetime achievement in agriculture presented by "Agriculture Today" through Hon'ble Speaker of Lok Sabha Shri Somnath Chatterjee	2008
22.	Gold Medal	Awarded by The Ministry of Agriculture, Vietnam for strengthening regional collaboration in agriculture	2012
23.	1 st Dr. A.B. Joshi Memorial Award	For outstanding contributions in the field of agriculture research and education both within India and abroad. Presented by the Prime Minister during IARI Convocation	2012
24.	Prof. Kanniyan Memorial Award	For excellence and outstanding leadership in agriculture.	2012
25.	Krishi Siromani Samman	Award for lifetime achievement in agriculture presented by Mahendra and Mahendra Pvt. Ltd.	2013
26.	VDS Samman	Given by Vaigyanik Drishtikon Society for excellence in science at Jaipur by Governor of Rajasthan	2013
27.	US Awasthi – IFFCO Award	Award of Rs. 25 lakhs given through Fertilizer Association of India for the outstanding contributions in the field of agricultural research and development presented by Shri Anant Kumar, Minister of Chemicals and Fertilizers	2017
28.	Ch. Amir Singh Lifetime Achievement Memorial Award	Given by Indian Society of Seed Technology	2019
29.	Dr. M.S. Swaminathan Award for Environment Protection 2020	Given by Rotary Club of Madras East (RCME)	2020
30.	Dr. A.B. Joshi Award	Given by National Academy of Agricultural Sciences (NAAS)	2022
31.	Dr. A.P.J. Abdul Kalam Memorial Award	By National Academy of Biological Sciences	2022
32.	Eminent IARI Alumni Award (2024)	By IARI Alumni Association	2024

(b) Honors:

<i>Sr.No.</i>	<i>Honors</i>	<i>Year</i>	<i>Description</i>
1	Padma Bhushan	1998	One of the most prestigious national civil honour, presented by the Hon'ble President of India - for distinguished services in the field of agriculture.

<i>Sr.No.</i>	<i>Honors</i>	<i>Year</i>	<i>Description</i>
2	General President of the Indian Science Congress	2000-2001	Elected as General President of the <i>Indian Science Congress Association (ISCA)</i> for the session 2000-2001, which is the highest scientific honor in India.
3	Honorary Membership of American Societies	2001	Received the prestigious Honorary Membership of the American Society of Agronomy and also the Crop Science Society of America for the life time contributions to science in the field of Crop Agronomy and Plant Breeding, respectively.
4	Rajendra S. Paroda Gene Bank	2002	ICRISAT Board of Trustees and the Institute Management honored Dr. Paroda by naming its prestigious germplasm repository as "Rajendra S. Paroda Gene Bank" in recognition of his outstanding contributions both at the national and global levels towards genetic resource conservation.
5	Plaque of Appreciation by GFAR	2002	Given by the Global Forum on Agricultural Research (GFAR) Steering Committee in recognition of his invaluable contribution and personal involvement as Chair of the GFAR
6	Honorary Professorship	2001-2005	Received the Honorary Professorship of the Kyrgyz Agrarian University (Kyrgyzstan), Samarkand State University, Tashkent Agrarian University and Gulistan State University (Uzbekistan), and Kazakh National Agrarian University, (Kazakhstan).
7	Dr. Raj Paroda Gene Bank	2006	New Gene Bank established in Krasny Vodopad Breeding Station (Kazakhstan) is an outcome of collaboration between South West Scientific Production Center, Kazakhstan and ICARDA-CAC/PFU-CGIAR and named after Dr. Raj Paroda.
8.	ICRISAT Partnership Award	2007	ICRISAT accorded this honor on 35 th Anniversary on 24 th November, 2007 at Hyderabad.

III. Membership of International Boards and Advisory Committees:

1. Chairman of the Governing Board of the International Crops Research Institute for Semi-Arid Tropics (ICRISAT) for 1997-98 and as Vice-Chairman of the Governing Board (1994-2001).
2. Chairman of the Global Forum on Agricultural Research (GFAR) and headed both the Steering Committee of National Agricultural Research System (NARS-SC) as well as the Global Forum Steering Committee (GF-SC) during 1998-2002. Later, served as Chairman, Program Committee of GFAR from 2007-2012.
3. Executive Secretary of the Asia-Pacific Association of Agricultural Research Institutions (APAARI) since 1993-2014.
4. Member of the Board of Trustees of the International Rice Research Institute (IRRI), Manila, Philippines during 1990-93.
5. Chairman of the Working Group of FAO Commission on Plant Genetic Resources (1995-97).

6. Member of the Policy Advisory Committee of Australian Centre for International Agricultural Research (ACIAR) (1995-2000).
7. Member of the CAB International (CABI) Governing Board (2000-2002).
8. Member of the International Scientific Advisory Committee for the Fund for Methodological Support for Ecoregional Programmes of International Service for National Agricultural Research (ISNAR), Netherlands since 1998.
9. Chairman of the Organizing Committee for the First International Symposium on Pulses Research held in New Delhi in April 1994.
10. Member of the Continuing Committee of the "International Crop Science Congress", since 1992. Also as Executive-Chairman of the Organizing Committee, hosted the second ICSC in New Delhi in November, 1996.
11. Member of the International Rice Genetics Cooperative, Japan for the period 1992-2000.
12. Regional Secretary for South Asia of the Society for Advancement of Breeding Researches in Asia and Oceania (SABRAO), Japan during 1990-92 and served as a member on the Board of SABRAO for 1998-2000.
13. Member of the International Committee constituted for Plant Genetic Resources by the Board on Agriculture, National Academy of Sciences, Washington, U.S.A., 1990-94.
14. Member of the Organizing Committee for the First International Cotton Research Conference held in Brisbane, Australia in February 1994. Also continued as member for the Second Conference held in 1998.
15. Member of the Finance Committee of the CGIAR during 1995-2000.
16. Member of the Executive Committee of the CGIAR during 2000-2002, representing GFAR through APAARI.
17. Member of the High Level Taskforce (HLT) on the Global Framework for Climate Services (GFCS) constituted by World Meteorological Organization (WMO) in February, 2010.
18. Member of Strategic Impact, Monitoring and Evaluation Committee (SIMEC) of CGIAR Science Council during 2017 - 2022
19. Serving on Board of Directors of International Fertilizer Development Center (IFDC), USA since July, 2018

SIGNIFICANT RESEARCH CONTRIBUTIONS:

1. Model for studying synchrony in cereals was proposed based on research results published in "NATURE" and other reputed international journals.
2. Prediction models based on genotype - environment interactions in cereals as well as forages were proposed.
3. Biometrical studies in cereals such as diallel analysis, path-coefficients, combining ability, stability analysis, use of mating designs etc. have helped in establishing the genetic architecture of yield and related attributes including quality traits in wheat, barley and a number of forage crops. Effectiveness of various models for genetic studies has also been examined and related importance of these has been established accordingly.
4. Based on extensive correlation and path-coefficient analysis, leafiness in forages has been found to be the most important criterion for increasing forage productivity both in terms of yield and quality.
5. Genetic architecture of forage quality attributes, including toxicants, was studied and it was established that low tannin content was dominant. Accordingly, varieties such as HC 136 with low tannin content and better digestibility were bred in forage sorghum.

6. Cytogenetic studies have revealed that the variation in DNA content is associated with heterochromatin in Eu-sorghums.
7. New Crossing techniques in cowpea and guar were proposed which are both simple as well as efficient.
8. Studies on heterosis revealed prospects for the exploitation of forage sorghum hybrids in India.
9. Research work on under-utilized plants of economic importance in the arid region was initiated as well as intensified especially on *Khejri (Prosopis cineraria)*, *Thumba (Citrullus colocynthus)*, *Sewan grass (Laisurus indicus)*, *Jojoba (Simmondsia chinensis)*, *Guayule (Parthenium argentatum)*, *Salt Bush (Atriplex Spp.)*, *Candelilla wax plant (Euphorbia antisiphilitica)*, *Aak (Calotropis procera)*, *Hingot (Balanites roxburghii)*, etc. Similarly, work on *Isabgol (Plantago ovata)*, *roshagrass (Cymbopogon martinii)*, *liquorice (Glycyrrhiza glabra)* and other medicinal plants was started for the first time at HAU, Hisar, resulting in several useful findings as well as improved varieties.
10. Studies on range management in the arid region were also initiated and coordinated in order to relate the results of primary productivity with that of animal performance and the results were published in the form of a technical bulletin while serving at the Central Arid Zone Research Institute.

SPECIAL/INVITED LECTURES:

Delivered several invited/plenary lectures in the National and International Symposia as under:

Year	Lecture	Event	Organized by
1990	Present Scenario and Future Strategy for Crop Improvement Research in India	Assam Company lecture	Assam Agricultural University, Jorhat
1991	Crop Science Research for Sustainable Agriculture in India	Dr. Chalam Memorial Lecture	Tamil Nadu Agricultural University, Coimbatore
1992	Crop Improvement for Sustainable Agriculture	Invited special lecture	Haryana Agricultural University, Hisar
1992	Underutilized Plants of Economic Importance	Plenary lecture	International Crop Science Congress in Iowa, USA
1993	Is Global Conflict on Plant Genetic Resources Justified?	First B.P. Pal Memorial Lecture	Dialogue on PGR organized by the ISPGR at IARI, New Delhi
1993	Hybrid Technology for Improving Productivity of Cereals in Asia - Issues and Strategies	Special lecture	National Seminar on Hybrid Research and Development, Indian Society of Seed Technology and the Society for Plant Physiology and Biochemistry, IARI, New Delhi.
1995	Policies, Priorities and Opportunities Towards a Sustainable Agriculture in India	Sir Chhotu Ram Memorial Lecture	Haryana Agricultural University, Hisar
1995	Bio-Energy for Rural Energisation	Dr. O.P. Vimal Memorial Lecture	Indian Institute of Technology, New Delhi
1996	Indian Agriculture in the Changing Global Scenario	Indian Science Congress Association Platinum Jubilee Lecture	Patiala University, Patiala, Punjab

Year	Lecture	Event	Organized by
1996	Strategies for a Sustainable Agriculture in India	Dr. B.P. Pal Memorial Lecture	65th Annual Session of National Academy of Sciences
1996	Indian Agriculture in the post-GATT Era	Jannareddy Venkat Reddy Memorial Lecture	Andhra Pradesh Agricultural University, Hyderabad
1996	Agricultural Research and Education in the Changing World Order	XXXII Dr. Rajendra Prasad Memorial Lecture	PG School, IARI, New Delhi
1996	Perspective of Indian Agriculture in the Post-GATT Era	Raj Kristo Dutt Memorial Award lecture	Indian Science Congress, Calcutta
1996	Strategies for a Sustainable and Profitable Agriculture in India	Dr. B.P. Pal Memorial Lecture	Second International Crop Science Congress, New Delhi
1997	Emerging Concern for Agro-Biodiversity in the Indian National Contest: An Introspection	Keynote Address	NAAS-NBPGR(ICAR) Workshop on National Concern for Management, Conservation and Use of Agro-Biodiversity, Shimla
1997	Integrated Nutrient Management for Sustainable Agriculture	Keynote Address	FAO-IFFCO International Seminar on IPNS for sustainable Development, New Delhi
1997	Microbes in Sustainable Agriculture	Plenary Lecture	National Conference of AMI on Microbes in Sustainable Development, New Delhi
1998	Reorientation of Indian Agriculture for Meeting the Challenges of the Next Millennium	Special Talk	India International Centre, New Delhi
1998	Natural Resource Management for Sustainable Agriculture: A new Paradigm	Plenary Lecture	First International Agronomy Congress organized by the Indian Society of Agronomy
1998	Indian Dairy Industry in the Emerging World Scenario	Key Note Address	XXIX Dairy Industry Conference of the Indian Dairy Association at the National Dairy Research Institute, Karnal
1998	Agricultural Microbiology in India	Presidential address	39 th conference of the Association of Microbiologists of India held at College of Fisheries, Mangalore
1999	The Role of National Agricultural Research System (NARS) towards Food Security in the Next Millennium	Keynote Address	Inter-disciplinary dialogue on Malthus and Mandel : Population, Science and Sustainable Food Security, held at MS Swaminathan Research Foundation, Chennai
1999	Towards Sustainable Agricultural Exports - New Paradigms	Presidential address	4 th Agricultural Science Congress organized by the National Academy of Agricultural Sciences at Jaipur

Year	Lecture	Event	Organized by
1999	Change we must but change is difficult	Presidential Address	The Annual General Meeting of the National Academy of Agricultural Sciences, New Delhi
1999	Status of Soybean R&D in India	Keynote Address	Sixth World Soybean Congress, Chicago, USA
1999	Agricultural Research Strategy - in the wake of Globalization	Invited Lecture	Seminar on R&D Thrusts in Indian Agriculture in the wake of globalization, Planning Commission, New Delhi
1999	Future challenges and opportunities for Indian agriculture	Invited Lecture	International Centre on Genetic Engineering and Biotechnology, New Delhi
2000	Strengthening PGR programme and policies at the national level – Present Scenario and APAARI's Role	General Assembly of APAARI & Expert Consultations, Chaing Rai, Thailand	Asia Pacific Association of Agricultural Research Institutions (APAARI)
2000	Root and tuber crops: Concerns and developmental strategies for the next millennium	Presidential Lecture, International Symposium on Tropical Root & Tuber Crops	ISTRTC, CTCRI, Thiruvananthapuram
2000	Biodiversity management for sustainable agriculture	International Conference on Managing Natural Resources, New Delhi.	ICMNR, New Delhi
2000	ICAR – Road Ahead	ICAR Directors' Conference	ICAR, New Delhi
2000	Agricultural Research for Development in the wake of Globalization – Indian Perspective	Special Lecture	FAO, Rome
2000	Food Security in India: Accomplishments and Challenges	Special Address on 1 st Foundation Day, Centre for Genome Research, JNU	Jawaharlal Nehru University (JNU), New Delhi
2001	Presidential Address: Food, Nutrition and Environmental Security	88 th Session, ISC, New Delhi	Indian Science Congress Association,
2001	Shaping agricultural science for rainbow revolution in India	Special Evening Lecture, 88 th Session, ISC, New Delhi	Indian Science Congress Association,
2001	Shaping Indian Agriculture to meet future challenges	Special Address to the Faculty and Students, University of Sydney	University of Sydney, Australia
2002	Genetic Resources for our Future Sustainability	Special Evening Lecture	International Agronomy Congress, New Delhi
2003	Sustainable Agricultural Development in Central Asia and the Caucasus	Invited Lecture	Research Institute of Market Reforms, Tashkent and Samarkand State University, Uzbekistan
2003	Role of ICARDA in	Invited Lecture	Turkmenistan Agricultural

Year	Lecture	Event	Organized by
	Turkmenistan		University, Ashgabat, Turkmenistan
2004	Scaling-up: how to reach a billion resource-poor farmers in developing countries	Plenary Lecture	The 4 th International Crop Science Congress (ICSC), Brisbane, Australia
2005	National Efforts on PGR Management Critical for Future Sustainability	Evening Lecture	4 th International Food Legume Research Conference, New Delhi, India
2005	Green Revolution in India	Invited Lecture	Tashkent State University, Uzbekistan
2005	Addressing the Challenges for Sustainable Agriculture in Central Asia	Distinguished University Lecture	Ohio State University, during the Conference on "Carbon Sequestration in Central Asia"
2008	Strategy for Adaptation to Climate Change in Asia-Pacific	International Congress on Dryland Development	Alexandria, Egypt (7-10 November, 2008)
2009	Role of International Conventions on Conservation Agriculture	4 th World Congress on Conservation Agriculture	ICAR at Vigyan Bhawan, New Delhi, India (4 th February, 2009)
2009	World Economic Crisis and its Effect on Agriculture in the Asia Pacific Region	8 th Asia Pacific Regional Conference of Society of International Law	Society of International Law, New Delhi, India (26 March, 2009)
2009	Emerging Challenges before Indian Agriculture-The Way Forward	Golden Jubilee Celebration of Central Arid Zone Research Institute (CAZRI) and International Conference on Nurturing Arid Zones for People and the Environment.	Jodhpur, Rajasthan, India (24 November, 2009)
2010	Addressing Concerns of Climate Change and Food Security in the Asia-Pacific Region	International Conference on Food Security and Climate Change in the Dry Areas	ICARDA, Amman, Jordan (2 February, 2010)
2010	Revitalizing Indian Seed Sector for Accelerated Agricultural Growth	NSAI Foundation Day	National Seed Association of India, Delhi (30 October, 2010)
2012	Addressing the Emerging Concerns of Indian Agriculture	Dr. D. Sundaresan Memorial Lecture	National Dairy Research Institute, Karnal, India (10 February, 2012)
2012	Addressing the Emerging Concerns of Indian Agriculture	3 rd BPS Memorial Lecture	BPS Mahila Vishwavidyalya, Haryana, India (24 February, 2012)
2012	Keynote Address on Challenges and	Golden Jubilee Year Celebration of NSC	National Seeds Corporation Ltd., Delhi, India (16 August, 2012)

Year	Lecture	Event	Organized by
	opportunities before Indian Seed Industry in coming decade		
2013	Special Lecture delivered on Indian Seed Sector: The Way Forward	Indian Seed Congress 2013	National Seed Association of India, New Delhi (8 February, 2013)
2013	Inaugural Address	National Seminar on Advances in Protected Cultivation	Indian Society for Protected Cultivation CPCT, IARI, New Delhi (21 March, 2013)
2013	Inaugural Address on Managing Out Water Resource for Increased Efficiency	International Conference on Water Quality and Management for Climate Resilient Agriculture, Jalgaon,	International Conference on Water Quality and Management for Climate Resilient Agriculture, Jalgaon, Maharashtra (28 May, 2013)
2013	The Indian Oilseeds Scenario: Challenges and Opportunities	Dr. M.V. Rao Lecture	Indian Society of Oilseeds Research, Hyderabad (24 August, 2013)
2013	Addressing Emerging Challenges before Indian Agriculture	Silver Jubilee Commemoration Medal Lecture	Indian National Science Academy at Sanjay Gandhi Postgraduate Institute of Medical Sciences (SGPGIMS), Lucknow (27 December, 2013)
2015	Challenges before Indian Agriculture - The Way Forward	2 nd Guest Lecture of Dr. Gurdev Singh Foundation	Punjab Agricultural University, Ludhiana (20 February, 2015)
2018	Innovation led agricultural growth and sustainable development goals (SDGs)	Hector and Andrew Stewart Memorial Lecture	University of Western Australia, Perth, Australia (27 November, 2018)
2020	Challenges and Opportunities before youth in Agriculture	Webinar on 'Challenges and Opportunities before youth in Agriculture'	All India Agriculture Student Association (AIASA) (24 May, 2020)
2020	Reforms for Secure and Sustainable Agriculture - a Road Map	Dr B.P. Pal Memorial Lecture	Indian Agricultural Research Institution, New Delhi (27 May, 2020)
2020	Bioresources led Climate SmartAgriculture for Food and Nutrition Security in Rajasthan	Foundation Day Lecture of SKNAU , Jobner	Sri Karan Narendra Agriculture University, Jobner
2021	Future of Sorghum and Millets	First Dr NGP Rao Memorial Lecture	ICAR - Indian Institute of Millets Research, Hyderabad (5 September, 2021)
2021	Role of Youth for Accelerating Agricultural Growth	17th AIMT Foundation Day Lecture	Amity Institute of Microbial Technology, Noida (24 September, 2021)
2021	Towards Secure and Sustainable Agriculture - An Urgency for Action	5 th Dr. A.B. Joshi Lecture	XV Agricultural Science Congress, BHU, Varanasi (13 November, 2021)
2022	Role of Youth for for a secure and sustainable	Lecture #53 Azadi Ka Amrit Mahotsav	Indian Council of Agricultural Research (21 April, 2022)

Year	Lecture Agriculture	Event	Organized by
2023	Opportunities in Agriculture	Eminent Alumni Lecture Series #3	Indian Agriculture Research Institute (3 December, 2023)

CONVOCATION ADDRESSES:

Delivered several convocation addresses in State Agricultural Universities as under:

Year	Lecture	Event	Organized by
2000	Convocation Address	12 th Convocation, Institute of Agricultural Sciences	Banaras Hindu University, Varanasi
2000	Convocation Address	25 th Convocation of NAU	Gujarat Agricultural University, Navsari Campus, Navsari
2001	Convocation Address	Annual Convocation, PAU	Punjab Agricultural University (PAU), Ludhiana
2006	Convocation Address	8 th Convocation of JNKVV	Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur, India
2010	Convocation Address	5 th Convocation of SDAU	Sardarkrushinagar Dantiwada Agricultural University, Gujarat, India (9 March, 2010)
2013	Convocation Address	11 th Convocation of CIFE	Central Institute of Fisheries Education, Mumbai (27 May, 2013)
2013	Convocation Address	2 nd Convocation of RVSKVV	Rajmata Vihayaraje Scindia Krishi Vidyalaya, Gwalior (M.P.) (12 July, 2013)
2015	Convocation Address	11 th Convocation of AAU	Anand Agricultural University, Anand (29 January, 2015)
2015	Convocation Address	5 th Convocation of UAS	University of Agricultural Sciences, Raichur (4 March, 2015)
2016	Convocation Address	11 th Convocation of JAU	Junagarh Agricultural University, Junagarh (16 January, 2016)
2017	Convocation Address	7 th Convocation of DUVASU	UP Pandit Deen Dayal Upadhaya Pashu Chikitsa Vigyan Vishwa Vidhyalaya, Mathura (26 September, 2017)
2018	Convocation Address	4 th Convocation of BAU	Bihar Agricultural University, Sabour (21 February, 2018)
2019	Convocation Address	2 nd Convocation of PJ TSAU	Professor Jayashankar Telangana State Agricultural University, Hyderabad (9 December, 2019)
2020	Convocation Address	4 th Convocation of AU	Agriculture University, Kota (28 November, 2020)
2021	Convocation Address	13 th Convocation of IU	Integral University, Lucknow (29 November, 2021)
2022	Convocation Address	56 th Convocation of UAS	University of Agricultural Sciences, Bangalore (9 September 2022)

Year	Lecture	Event	Organized by
2022	Convocation Address	7 th Convocation of KSNUAHS	Keladi Shivappa Nayaka University of Agricultural and Horticultural Sciences (KSNUAHS), Shivamogga (28 September 2022)
2023	Convocation Address	55 th Convocation of ANGRAU	Acharya N G Ranga Agricultural University, Lam (Guntur) (22 May 2023)

In addition, Convocation Addresses were delivered at the Andhra Pradesh Agricultural University, Hyderabad; University of Agricultural Sciences, Dharwad; Assam Agricultural University, Jorhat and Gulbarga University, Karnataka; Indian Veterinary Research Institute, Bareilly, Indian Agricultural Research Institute, New Delhi; National Dairy Research Institute, Karnal; Central Institute of Fisheries Education, Mumbai; Marathwada Agricultural University, Parbhani; and Bidhan Chandra Krishi Viswavidyalaya, Nadia (W.B.); Gujarat Agricultural University, Banaskantha; Birsa Agricultural University, Ranchi

EDITORIAL ASSIGNMENTS & BOOKS:

Served/Serving on Editorial Committees of the following:

1. Current Science
2. Indian Journal of Agricultural Sciences
3. Indian Journal of Animal Sciences
4. Editor of "Forage Research" Journal for 1975-89
5. Editor of "APAARI Newsletter" since 1992
6. Editor of "CAC News" since 2001

Authored/Edited following Books and Proceedings:

1. Guar-its improvement and management. Eds. **Paroda R.S.** and Arora S.K., Indian Society of Forage Research, 1978. 169p
2. Forage Sorghum-its improvement, management and utilization. Eds. **Paroda R.S.** and Arora S.K., Indian Society of Forage Research, 1982. 213p
3. Approaches for Incorporating Drought and Salinity Resistance in Crop Plants. Eds. Chopra V.L. and **Paroda R.S.**, Oxford & IBH, New Delhi, 1986. 132p
4. Life Support Plant Species - Diversity and Conservation. National Bureau of Plant Genetics Resources, New Delhi. Eds. **Paroda R.S.**, Kapoor Promila, Arora R.K. and Bhag Mal. 1987. 190p
5. Plant Genetic Resources-Indian perspective, Eds. - Arora R.K., Chandel K.P.S. and **Paroda R.S.**, National Bureau of Plant Genetics Resources, New Delhi 1988. 545p
6. Plant Genetic Resources-Conservation and management Concepts and Approaches. Eds - **Paroda R.S.** and Arora R.K., International Board for Plant Genetic Resources, 1991. 392p
7. Oilseeds in Asia-Pacific Region. Eds. - **Paroda R.S.** and Rai M., Regional Office for Asia and the Pacific, FAO, Bangkok,1993. 173p
8. Strategies for increasing Maize Production in Asia-Pacific Region. Eds. De Leon, C. and **Paroda R.S.**, Regional Office for Asia and the Pacific, FAO, Bangkok, 1993.
9. Sustainability of Rice-Wheat Production Systems in Asia, Eds. - **Paroda R.S.**, Woodhead T. and Singh R.B., Regional Office for Asia and the Pacific, FAO, Bangkok, 1995. 212 p
10. Hybrid research and development of cereals in Asia, **Paroda R.S.**, Regional Office for Asia and the Pacific, FAO, Bangkok, 1993. 253 p

11. Technology assessment and transfer for sustainable agriculture and rural development, Eds. - Kwaschik R., Singh R.B. and **Paroda R.S.**, Regional Office for Asia and the Pacific, FAO, Bangkok, 1994
12. Production of Baby Corn in Thailand- A Success Story, Eds. Chamnan Chutkawe and **Paroda R.S.**, Asia-Pacific Association of Agricultural Research Institutions, Bangkok 1994. 20p
13. Hybrid Cotton in India- A Success Story, Eds. - Basu A.K. and **Paroda R.S.**, Asia-Pacific Association of Agricultural Research Institutions, Bangkok, 1995. 38p
14. Production of Pulse Crops in Asia and the Pacific Region. Eds. - Sinha S.K. and **Paroda R.S.** Regional Office for Asia and the Pacific, FAO, Bangkok, 1995.
15. Vegetable Research with Special Reference to Hybrid Technology in the Asia- Pacific Region, Regional Office for Asia and the Pacific, FAO, Bangkok, 1995. 300p
16. 50 Years of Crop Science Research in India, Eds. - **Paroda R.S.** and Chadha K.L., Indian Council of Agricultural Research, New Delhi, 1998.
17. Agro-Biodiversity, Conservation, Management and Use. Eds. - **Paroda R.S.**, Rai M. and Gautam P.L., 1998.
18. Status of Plant Genetic Resources Conservation and Utilization in Asia-Pacific Region: Regional Synthesis Report. Eds. – **Paroda R.S.** and Chandel K.P.S., 2000
19. Sustaining Our Food Security. Author – **Paroda R.S.** by Konark Publishers, Delhi and officially released by Agriculture Minister of India, 2003. 775p
20. 22 Years of APAARI - A Retrospective. Eds. - **Paroda R.S.**, Bhag Mal, Karihaloo J.L. Asia-Pacific Association of Agricultural Research Institutions, Bangkok, 2014. 210p
21. Building Trust: The Journey of TAAS. Eds. – **Paroda R.S.**, Singh N.N., Gupta N., Kochhar S. Trust for Advancement of Agricultural Sciences, New Delhi, 2015. 164p
22. Reorienting Indian Agriculture: Challenges and Opportunities. Author – **Paroda R.S.** published by CABI, London, 2018. 314p
23. Accelerating Science-Led Growth in Agriculture: Two Decades of TAAS. Eds. **Paroda R.S.**, Bhag Mal and Srivastava U. Trust for Advancement of Agricultural Sciences, New Delhi, 2021. 239p

MEMBERSHIP OF NATIONAL BOARDS, COMMITTEES AND OTHER POLICY-MAKING BODIES:

National Policy Making Bodies:

1. Chairman, Governing Body of the Indian Council of Agricultural Research (ICAR) since September, 1994 till August, 2001.
2. Chairman, Working Group for Agriculture Research and Education for preparing the IX Plan constituted by the Planning Commission, Government of India.
3. Chairman, Pesticides Registration Committee of the Ministry of Agriculture, Government of India (1987-92).
4. Chairman, Central Variety Release Committee, Ministry of Agriculture, Government of India (1987-92).
5. Chairman, Mini-Mission on Production Technology of the 'Oilseeds and Pulses Technology Mission' of Government of India for 1990-92.
6. Member Secretary, Standing Policy Planning Committee of the Indian Council of Agricultural Research (ICAR) for 1990-92.
7. Member of the Society/Governing Body of the National Remote Sensing Agency for 1998-2000.
8. Chairman, Expert Committee on Pulses, 2000
9. Member, Planning Board and Chairman, Working Group on Agriculture, Government of Rajasthan for 2010-2014.
10. Chairman, Haryana Farmers' Commission since August, 2010 – December, 2014
11. Member, Governing Body of ICAR since February, 2011

12. Chairman, National Advisory Board on Management of Genetic Resources for 2011-2014
13. Chairman, Agricultural Research Service (ARS) Committee, 2010
14. Chairman, High Power Committee on Management of KVK, 2011
15. Chairman, Review Committee for Agricultural Scientists Recruitment Board (2018)
16. Chairman, Committee on "Agricultural Policies and Action-Plans for a Secure and Sustainable Agriculture, PSA, Govt of India, 2019

Membership of the Board of Management:

Served on the Board of Management of the following national organizations/universities/ institutions:

1. National Seeds Corporation of India, New Delhi (1988-92).
2. State Farms Corporation of India, New Delhi (1988-92).
3. Indian Agricultural Research Institute (IARI), New Delhi (1987-92).
4. Haryana Agricultural University, Hisar (1991-92).
5. Rajasthan Agricultural University, Bikaner (1988-90).

OTHER SIGNIFICANT CONTRIBUTIONS TO THE CAUSE OF SCIENCE:

1. Established the first national Gene Bank, which is one of the World's largest and most modern, at NBPGR, New Delhi. Presently, it houses more than 400,000 accessions.
2. Initiated two special projects at national level: one on hybrid research and other on Sugarcane Production in 1989 - which were adjudged to be one of the best-coordinated programmes on crop science research in India.
3. Organized in the capacity of either Chairman of Organizing Committee or Secretary of a number of national symposia to promote the cause of science in India. These were:
 - i) National Symposium on Forage Research, Hissar 1975.
 - ii) National Symposium on Abiotic Resistance Breeding in Crop Plants, Hissar 1985.
 - iii) National Symposium on Plant Genetic Resources, New Delhi in 1987.
 - iv) National Symposium on Strategy for Forage Production and Improvement, Trivandrum 1989.
 - v) National Symposium on Genetics and Breeding of Crop Plants, New Delhi in 1991.
 - vi) National Symposium on Oilseeds Research, Hyderabad, 1993.
 - vii) National Symposium on Hybrid Research and Development, New Delhi, 1994.
 - viii) National Symposium on Agriculture in Relation to Environment, 1995.
 - ix) National Symposium on Strategies to Enhance Sugar Productivity, 1995.
 - x) National Symposium on Conservation of Agro-biodiversity, 1997
4. Organized a number of Regional Expert Consultations on behalf of FAO RAPA, Bangkok. These are:
 - i) Regional Expert Consultation on Sustainability of Rice-Wheat Production System in different agro-ecological settings in Asia at FAO RAPA, Bangkok, from 6-9 July 1993.
 - ii) Regional Expert Consultation on Hybrid Seed Production, Development and Security of Major Cereal Crops at FAO RAPA, Bangkok, from 9-12 November 1993.
 - iii) Regional Expert Consultation on Production of Pulse Crops at the Indian Agricultural Research Institute (IARI), New Delhi, India from 1-6 April 1994.
 - iv) Regional Expert Consultation on Production of Vegetable Crops at FAO RAPA, Bangkok, from 29 November to 2 December 1994.
 - v) Expert Consultation on NARS vision towards future challenges and opportunities for increased productivity and sustainability at PACARRD, Philippines from 22-25 November, 1994.
5. Being Executive Secretary of Asia-Pacific Association of Agricultural Research Institutions (APAARI), organized following meetings/Expert Consultations for promoting the cause of agricultural science in the region.

1. Second General Assembly of APAARI in Kuala Lumpur, Malaysia on 17 December 1992.
2. Executive Committee Meeting of APAARI in Jogjakarta, Indonesia on 26 November 1993.
3. Perspective Plan Meeting of APAARI in Bangkok on 3-4 May 1994.
4. Third General Assembly Meeting and Expert Consultation on Agricultural Research Management Priorities in Asia-Pacific Region held at PACARRD, Philippines from 22-25 November 1994.
5. Third Executive Committee Meeting of APAARI and Expert Consultation on NARS-CGIAR partnership on 1-3 February 1996, New Delhi.
6. Fourth General Assembly Meeting and Expert Consultation on Research Priority Setting by NARS in the Asia-Pacific Region held at New Delhi, India from 25-26 November, 1996.
7. Fourth Executive Committee Meeting and Expert Committee on Management and Strengthening of Research Networks in Asia-Pacific region held at Tehran, Iran from 19-25 October, 1997.
8. Fifth General Assembly Meeting and Expert Consultation on Research Priority Setting by NARS in the Asia-Pacific Region held at Suwon, Republic of Korea from 13-16 October, 1998
9. Fifth Executive Committee Meeting of APAARI and Expert Consultation to develop APAARI Vision 2025 held at FAO – RAP, Bangkok, Nov 29 – December 1, 1999
10. Global Forum 2000 was organized on '*Strengthening Partnerships in Agricultural Research for Development in the Context of Globalization*' during May 21-23, 2000 at Dresden, Germany, which proved to be highly successful with 400 delegates participating.
11. Sixth General Assembly Meeting and Expert Consultation on Strategies for implementing APAARI Vision 2025: Agricultural Research for Development in the Asia-Pacific Region, held at Chiang Rai, Thailand from 8 to 10 November, 2000.
12. Sixth Executive Committee Meeting of APAARI and Expert Consultation on Regional Priority Setting for Agricultural Research for Development in the Asia-Pacific Region, held at Bangkok, Thailand from 12 to 14 November 2001.
13. FAO-APAARI Expert Consultation on the Status of Biotechnology in Agriculture in Asia and the Pacific, held at Bangkok, Thailand from 21 to 23 March 2002.
14. ICT Expert Consultation on the Development of Second Phase of APARIS, held at Bangkok, Thailand from 24 to 25 October 2002.
15. Meeting on the Establishment of Asia-Pacific Consortium on Agricultural Biotechnology (APCoAB), held at Bangkok, Thailand, on 4 April, 2003.
16. Expert Consultation on Strengthening Regional Agricultural Information System: Role of ICT in ARD and the Seventh APAARI Executive Committee meeting, held at Bangkok, Thailand, 1-3 December 2003.
17. Expert Consultation on Post-harvest Technologies for Ensuring Food Security and Value Addition for Enhanced Income and the Eighth General Assembly meeting of APAARI, held at Bangkok, Thailand, from 1 to 3 December 2004.
18. Brainstorming Session on Public-Private Partnership in Agricultural Biotechnology, March 14, 2005, New Delhi, India.
19. High Level Policy Dialogue on Biotechnology for Food Security and Poverty Alleviation: Opportunities and Challenges, November 7-9, 2005, Bangkok, Thailand.
20. Regional Roundtable Meeting on Implementation of the International Treaty for Plant Genetic Resources for Food and Agriculture, November 10, 2005, Bangkok, Thailand.
21. APAARI-IPGRI meeting of the Asian Representatives nominated by the Chairs of the FAO Regional Groups for the drafting of the Standard Material Transfer Agreement (SMTA), under the FAO Treaty ITGRFA on 15-16 April 2006, Bangkok, Thailand.
22. A Regional Workshop for the Synthesis of Research Needs in Asia-Pacific region, August 2006 in Bangkok, Thailand

23. APAARI Expert Consultation on Linking Farmers to Market, 9th General Assembly and other Events, 4-8 November 2006, New Delhi, India.
24. APAARI Expert Consultation on Biofuels, 27-29 August, 2007, IRRI, Los Banos, Philippines.
25. Expert Consultation to Review Progress of Agricultural Research Networks and Consortia in Asia-Pacific, 8-10 October, 2007, ICRISAT, Hyderabad, India.
26. Asia-Pacific Regional Workshop on Agricultural Research for Development, 17-18 April, 2008, Bangkok, Thailand.
27. Expert Consultation on Agricultural Biotechnology for Promoting Food Security in Developing Countries, 20-22 August, 2008, Kuala Lumpur, Malaysia.
28. Symposium on Global Climate Change: Imperatives for Agricultural Research in Asia-Pacific and 10th General Assembly Meeting, 21-22 October 2008, Tsukuba, Japan.
29. Expert Consultation on Biopesticides and Biofertilizers for Sustainable Agriculture, 27-29 October 2009, Taichung, Chinese Taipei.
30. Asia-Pacific Consultation on Agricultural Research for Development (AR4D) in Asia and the Pacific-The Way Ahead, 30-31 October, 2009, Bangkok, Thailand.
31. International Symposium on Sustainable Agricultural Development and Use of Agrobiodiversity in the Asia-Pacific Region, 13-15 October, 2010, Suwon, Republic of Korea.
32. Regional Consultation Workshop on Supporting Southern –European Alliances/Platforms on ARD, 16-17 March, 2011, Bangkok.
33. Training Workshop on Coherence in Information for Agricultural Research for Development, 10-12 May, 2011, Dhaka, Bangladesh.
34. Stakeholders' Interface on GM Food Crops, 19 May, 2011, New Delhi.
35. Workshop on Rapid Bioassay for Pesticide Residues (RBPR) on Fruits and Vegetables for Market Inspection and Farm Education, 27 June-1 July, 2011, Chinese Taipei.
36. Workshop on Information and Communications Management for Agricultural Innovation in Southeast Asia, 27-29 September, 2011, Bangkok.
37. Expert Consultation on Agricultural Biotechnology, Biosafety and Biosecurity, 27-28 October, 2011, Taichung, Taiwan.
38. Regional Dialogue on conservation Agriculture in South Asia, 1-2 November, 2011, New Delhi
39. Regional Workshop for Implementation of Suwon Agrobiodiversity Framework, 4-6 November, 2011, Kuala Lumpur, Malaysia.
40. APAARI Session on Openness in Agricultural Information and Knowledge Sharing, 9-12 November, 2011, New Delhi.
41. International Symposium on Genetics and Reproductive Management for animal Production, 21-24 November, 2011, Tainan.
42. Workshop on Moving Beyond Strategy to Improve Information and Knowledge Management for Agricultural Development in the Pacific Islands Countries and Territories, 21-24 November, 2011, Nadi, Fiji Island.
43. Workshop on Agricultural R&D Investments in the Asia-Pacific Region, 16-17 February, 2012, Bangkok.
44. Workshop on Climate-Smart Agriculture in Asia, 11-12 April, 2012, Bangkok.
45. Regional Consultation on Improving Wheat Productivity in Asia, 26-27 April, 2012, Bangkok.
46. Policy Dialogue on Prioritizing Demand-driven Agricultural Research in Bangladesh, 23 June, 2012, Dhaka, Bangladesh.
47. Regional Consultation on Agricultural Research for Development, 10-11 September, 2012, Bangkok, Thailand.

48. Regional Consultation on Collective Actions for Opening Access to Agricultural Information and Knowledge in the Asia-Pacific Region, 13-15 December, 2012, Thimpu, Bhutan.
49. Expert Consultation on Managing Trans-boundary Diseases of Agricultural Importance in the Asia-Pacific, 10-12 October, 2012, New Delhi, India.
50. Stakeholders' Dialogue on Biosafety Regulations in the Asia-Pacific Region, 16-17 April, 2013, Bangkok, Thailand.
51. Training Workshop on Open Access Publishing Using Open Journal Systems, 26-30 August, 2013, Nonthaburi, Thailand.
52. Asia-Pacific Symposium on Molecular Breeding, 1-3 October, 2013, Tainan, Taiwan.
53. NARS-CGIAR Interactive Session for Strengthening Partnership in South Asia, 22 October, 2013, Islamabad, Pakistan.
54. Regional Workshop on Youth and Agriculture: Challenges and Opportunities, 23-24 October, 2013, Islamabad, Pakistan.
55. Expert Consultation on Promotion of Medicinal and Aromatic Plants in the Asia-Pacific Region, 2-3 December, 2013, Bangkok, Thailand.
56. Expert Consultation on Strengthening Linkages between Research and Extension to Promote Food and Nutrition Security, 11-12 December, 2013, Bangkok, Thailand.
57. 13th General Assembly Meeting (GAM), 1 November, 2014, Bangkok, Thailand
58. 12th Asian Maize Conference and Expert Consultation on Maize for Food, Feed, Nutrition and Environmental Security, 30 October – 1 November, 2014, Bangkok, Thailand.
6. Being Chairman of Trust for Advancement of Agricultural Sciences (TAAS), following meetings/Expert Consultations for promoting the cause of agricultural science in India.
 1. Brainstorming Session on "Enabling Regulatory Mechanisms for Release of Transgenic Crops" held at Indian Agricultural Research Institute, 18 October, 2003, New Delhi
 2. Role of Science and Society towards Plant Genetic Resources Management – Emerging Issues, 7-8 January, 2005, New Delhi.
 3. National Workshop on Role of Information Communication Technology in Taking Scientific Knowledge/Technologies to the Endusers 10-11 January, 2005.
 4. Brainstorming Session on, "Farmer-led Innovations for Increased Productivity, Value Addition and Income Generation" 17 October, 2005.
 5. National Dialogue on "Farmer-led Innovations towards Plant Variety Improvement and Conservation: Protecting Farmers' Rights, Geographic Indication, Appellation of Origin etc. in the National Context" 12 - 13 November 2006, New Delhi.
 6. Brainstorming Session on "Models of Public-Private Partnership in Agricultural Biotechnology" 7 April, 2007, New Delhi.
 7. Symposium on "Farmer-Led Innovations for Sustainable Agriculture" 14-15 December, 2007, Ranchi
 8. National Symposium on "Quality Protein Maize for Human Nutritional Security and Development of Poultry Sector in India" 3 May , 2008.
 9. Brainstorming Workshop on "Emerging Challenges before Indian Agriculture – The Way Forward" 6 March, 2009.
 10. Brainstorming Workshop on "Strategy for Conservation of Farm Animal Genetic Resources" 10 - 12 April, 2009.
 11. Brainstorming Workshop on "Climate Change, Soil Quality and Food Security" 11 August, 2009.
 12. National Dialogue on Building Leadership in Agricultural Research Management, 27-28 August, 2010, Hyderabad.
 13. Brainstorming Session on Prospects of Producing 100 million tons of Wheat by 2015, 18 December, 2010, New Delhi

14. International Conference on "Innovative Approaches for Agricultural Knowledge Management: Global Extension Experiences" 9 – 12 November, 2011, New Delhi.
15. National Workshop on "Farmer-led Innovations" 23-24 December, 2011, Karnal.
16. Global Conference on Women in Agricultural (GCWA), 13-15 March, 2012, New Delhi.
17. "Foresight and Future Pathways of Agricultural Research through Youth" 1 – 2 March, 2013, New Delhi.
18. Brainstorming on "Achieving Inclusive Growth by linking Farmers to Markets" 24 June, 2013, New Delhi.
19. National Workshop on "Outscaling Farm Innovation" 3 – 5 September, 2013, New Delhi.
20. Brainstorming Workshop on "Soybean for Household Food and Nutrition Security" 21 – 22 March, 2014, New Delhi.
21. Brainstorming Workshop on Up-scaling Quality Protein Maize for Nutritional Security, 20-21 May, 2015, New Delhi.
22. National Dialogue on "Efficient Nutrient Management for Improving Soil Health" 28 – 29 September, 2015, New Delhi.
23. Regional Consultation on "Agroforestry: The Way Forward" 8 – 10 October, 2015, New Delhi.
24. National Dialogue on "Innovative Extension Systems for Farmers' Empowerment and Welfare" 17 – 18 December, 2015, New Delhi.
25. Roundtable Discussion on "Promoting Biotech Innovations in Agriculture and Related Issues" 4 August, 2016, New Delhi.
26. Awareness cum Brainstorming Meeting on "Access and Benefit Sharing – Striking the Right Balance" 22 October, 2016, New Delhi.
27. First International Agrobiodiversity Congress, 6-9 November, 2016.
28. National Conference on "Sustainable Development Goals: India's Preparedness and Role of Agriculture" 11-12 May, 2017, New Delhi.
29. Brainstorming Meeting - "Strategies for Implementation of Delhi Declaration for Agrobiodiversity Management in India" 28 August, 2017
30. International Conference on "Advances in potassium research for efficient soil and crop management" 28-29 August, 2017, New Delhi.
31. Regional Policy Dialogue on "Scaling Conservation Agriculture for Sustainable Intensification (CASI) in South Asia" 8-9, September 2017, Dhaka Bangladesh.
32. Policy dialogue on Incentives and Strategies for Scaling-out Innovations for Smallholder Farmers, 30-31 October, 2017, New Delhi.
33. Roundtable dialogue on "Options and Investment Priorities for Conserving Natural Resources, and Addressing Climate Change & Agricultural Pollution", 9 April, 2018, New Delhi
34. Brainstorming Meeting Harnessing Intellectual Property to Stimulate Agricultural Growth, July 27, 2018, New Delhi
35. Regional Conference on "Motivating and Attracting Youth in Agriculture (MAYA)", August 30-31, 2018, New Delhi
36. 13th International Conference on Dryland Development, 11-14 February, 2019, Jodhpur
37. National Dialogue on "Land Use for Integrated Livestock Development" 1-2, November, 2019, New Delhi
38. Roundtable Discussion on "Policy Framework for Increasing Private Sector Investments in Agriculture and Enhancing the Global Competitiveness of Indian Farmer", 4 December, 2019, New Delhi
39. Stakeholders Dialogue on Way Forward for the Indian Seed Sector, 22 February, 2020, New Delhi

40. Regional Workshop on Motivating and Attracting Youth in Agriculture in North India (MAYA-2020), 28-29 February, 2020, PAU, Ludhiana
 41. Stakeholders Dialogue on Current Challenges and Way Forward for Pesticides Management, 24 July, 2020, New Delhi
 42. National Webinar on Implementation of Access to Plant Genetic Resources and Benefit Sharing (ABS), 27 August, 2020, Webinar
 43. Stakeholders Dialogue on Strategies for Safe and Sustainable Weed Management, 9 December, 2020, Webinar
 44. Stakeholders Dialogue on "Enabling Policies for Harnessing the Potential of Genome Editing in Crop Improvement" on 17 March, 2021, Webinar
 45. Brain-Storming Session on "Regenerative Agriculture for Soil Health, Food and Environmental Security" on 26 June, 2021
 46. National Workshop on "Bridging the Yield Gaps to Enhance Foodgrain Production: A Way Forward" on 26 August, 2021
 47. Expert Consultation on "Accelerating Export of Seed Spices: Challenges & Opportunities" on 22 November, 2021
 48. Expert Consultation on "Promoting Efficient Irrigation Technologies for Water Saving Across Scales and Sectors" on 22 February, 2022
 49. National Dialogue on "Innovations in Agricultural Extension: A Way Forward" on 8-9 April, 2022
 50. National Symposium on "Food, Nutrition and Environmental Security - Towards achieving SDGs" on 29 - 30 August, 2022
 51. National Dialogue on "Sustainable Growth and Development of Indian Dairy Sector" on 16 - 17 December, 2022
 52. National Dialogue on "Harnessing the Potential of Floriculture in India" on 16-17 February, 2023
 53. National Workshop on Enabling Technological and Policy Interventions to Increase Cotton Productivity and Stimulate Industrial Growth" on 25 February, 2023
 54. Stakeholder Dialogue on "Enhancing Fertilizer Use Efficiency for Sustainable Soil Health" on 28-29 September, 2023
 55. Brainstorming Session on "Strengthening National Agricultural Education System" on 30 October, 2023
7. Being President of Indian Society of Plant Genetic Resources, following meetings/Expert Consultations for promoting the cause of agricultural science in India.
1. National Symposium on 'Crop improvement for inclusive sustainable development', on 7-9 November, 2014
 2. Interactive Session on 'Plant genetic resources – Importance for present and future' on 5 February, 2015
 3. 1st International Agrobiodiversity Congress on 6-9 November, 2016
 4. Satellite Symposium on 'Dryland Agrobiodiversity for Adaptation to Climate Change' on 13 February, 2019
 5. National Webinar on Implementation of Access to Plant Genetic Resources and Benefit Sharing (ABS)' on 27 August, 2020
 6. Virtual Brainstorming meeting on "Digital Sequence Information (DSI) and Germplasm Sharing" on 1 March, 2021
 7. National Consultation on 'Plant-based Local Food Systems for Health and Nutrition' on 22 October, 2021
 8. 2nd International Agrobiodiversity Congress (IAC) on 15-18 November, 2021
 9. A virtual 'Peer Group Meeting on Biological Diversity (Amendment) Bill, 2021' on 22 January, 2022
 10. 1st National Conference on Plant Genetic Resources Management' on 22-24 November, 2022

RESEARCH PUBLICATIONS:

Dr. Paroda has published more than 250 research and policy related papers. A few important ones are listed here:

1. **Paroda, R.S.** and Joshi, A.B. 1970. Genetic architecture of yield and components of yield in wheat. *Indian J. Genet.*, 30: 298-314.
2. **Paroda, R.S.** and Joshi, A.B. 1970. Combining ability in wheat. *Indian J. Genet.*, 30: 630-637
3. **Paroda R.S.** and Joshi, A.B. 1970. Correlation, path-coefficients and the imp implication of discriminant function for selection in wheat (*Triticum aestivum* L.). *Heredity*, 25: 383-92.
4. **Paroda, R.S.** 1971. Importance of synchrony of ear emergence in plant breeding programmes. *Nature* (Lond.), 233 (5318):351-52.
5. **Paroda, R.S.** and Hayes, J.D. 1971. An investigation of genotypes - environment interactions for rate of ear emergence in spring barley. *Heredity*, 26:157-76.
6. **Paroda, R.S.** and Rees, H. 1971. Nuclear DNA variation in *Eu Sorghums*. *Chromosoma* (Berl.), 32: 353-63.
7. Malik, J.S., **Paroda, R.S.** and Arora, N.D. 1973. Genotype - environment interactions for green fodder yield in cowpeas (*Vigna senensis* Endl.) *Zeitschrift fur Pflanzl.*, 69:333-39.
8. **Paroda, R.S.**, Chaudhary, B.S. and Solanki, K.R. 1973. Reciprocal differences in maize X teosinte hybrids. *SABRAO Newsletter* 5:59-61.
9. Dangi, O.P. and **Paroda, R.S.** 1974. Correlation and path-coefficient analysis in fodder cowpea. *Exptl. Agric. (Camb.)*, 10:23-31.
10. Grewal, R.P.S. and **Paroda, R.S.** 1974. Heterosis and combining ability analysis in forage sorghum. *Maydica*, 19:107-19.
11. Hayes, J.D. and **Paroda, R.S.** 1974. Parental generation in relation to combining ability analysis in spring barley. *Theor. Appl. Genet* 44: 373-77.
12. Chaudhary, B.S., **Paroda, R.S.** and Solanki, K.R. 1974. A new crossing technique in clusterbean (*Cyamopsis tetragonoloba* (L.) Taub.). *Curr. Sci.*, 43:456-59.
13. **Paroda, R.S.**, Solanki, K.R. and Chaudhary, B.S. 1974. Line X tester analysis for yield and components of yield in forage oats. *Genet. Agr.*, 28:219-31.
14. **Paroda, R.S.** 1975. Leafiness - an important criterion for improvement in yield and quality of forages. *Forage Res.*, 1:145-49.
15. Daulta, B.S., Singh, J.P. and **Paroda, R.S.** 1975. Unilateral incompatibility in cultivar Gold of grapes (*Vitis vinifera* L.). *Euphytica*, 24:821-25.
16. Karwasra, R.R., Yadav, H.R. and **Paroda, R.S.** 1975. Prediction of phenotypic performance through genotype - environment interaction studies in sweet clover (*Melilotus parviflora* Desf.) *Euphytica* 24:261-67.
17. **Paroda R.S.**, Saini, M.L. and Arora, S.K. 1975. Inheritance of tannin content in *Eu-Sorghum*. *Zeitschrift fur Pflanzl.*, 74:251-56.
18. Saini, M.L. and **Paroda, R.S.** 1976. Duration of the mitotic cycle in species of *Eu-sorghum*. *Cytologia*, 29:1-6.
19. Dangi, O.P., **Paroda, R.S.**, Kishore, C. and Solanki, K.R. 1976. Crossing technique for enhanced seed setting in oats (*Avena sativa* L.). *Forage Res.*, 2:73-75.
20. Jatasra, D.S. and **Paroda, R.S.** 1977. Genetic architecture of synchrony traits in wheat (*Triticum aestivum* L.) *Proc. III SABRAO Congress*, Canberra, Australia, 5:11-15.
21. S.K. Arora, **Paroda R.S.** and Y.P. Luthra 1977. Forage Sorghum-Its Chemistry. *Indian J. Genet.*, 37: 175-184.
22. **Paroda R.S.** 1977. Breeding of Cultivated Forages for Improved Yield And Quality. *Indian J. Genet.*, 37: 304-310.

23. M.L. Saini and **Paroda R.S.** 1977. Combining ability in forage sorghum. *Indian J. Genet.*, 37: 463-469.
24. Saini, M.L. and **Paroda, R.S.** 1978. Correlation and patho-coefficient analysis in *Eu-Sorghum*. *Genet. Agr.*, 32:99-107.
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