

Indian Society of Plant Genetic Resources



Year Book - 2009

Mission of ISPGR

“To popularise and highlight the importance of management of PLANT GENETIC RESOURCES to achieve sustainable agriculture and to bring researchers, students and other stakeholders together at one platform to encourage the talent and to promote excellence to mitigate the future challenges arising in the Indian agriculture.”

YEAR BOOK 2009

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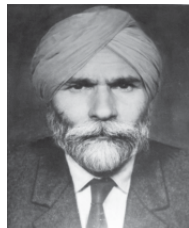
List of Government of India Holidays during the Year 2010 for Delhi/ New Delhi Offices

1. Republic Day	Jan 26	10. Idu'l Fitr	Sept 11
2. Milad-Un- Nabi or Id-E-Milad	Feb 27	11. Mahatma Gandhi's Birthday	Oct 02
3. Holi	Mar 01	12. Dussehra (Vijaya Dashami)	Oct 17
4. Ram Navami	Mar 24	13. Diwali (Deepavali)	Nov 05
5. Mahavir Jayanti	Mar 28	14. Idu'l Zuha (Bakrid)	Nov 17
6. Good Friday	Apr 02	15. Guru Nanak's birthday	Nov 21
7. Buddha Purnima	May 27	16. Muharram	Dec 17
8. Independence Day	Aug 15	17. Christmas Day	Dec 25
9. Janamashtami (Vaisnava)	Sept 02		

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Dr Harbhajan Singh : The Father of PGR in India (1914-1974)

Dr. Harbhajan Singh was the most distinguished plant explorer, renowned as the “Indian Vavilov”. He imparted a distinct identity to the discipline PGR in India. Dr. Singh introduced large germplasm of wheat and rice that contributed to the Green Revolution in India. He also introduced several new species such as soybean, sunflower, low chilling temperate fruits (peaches, apples, West Indian cherry, Chinese gooseberry) and a wide range of ornamentals. He also made outstanding contributions in the field of vegetable breeding, *Pusa Sawani* cultivar of okra being the crowning example.

Born at Pusa, Bihar, he received early education at Kharar and Amritsar. Dr. Singh post graduated in Botany from Agra University and then completed Diploma course of Associateship in Economic Botany from Imperial Agricultural Research Institute (now IARI). He later joined Division of Botany, IARI as regular research staff. Later, he adorned the position of Head, Division of Plant Introduction, IARI, New Delhi with great distinction. He taught and guided many post-graduate students with an unusual blend of scientific and human qualities.

His contribution to the field have been multifarious. He organized a number of systemic explorations and evaluation programmes in India and abroad. Dr. Singh published over 130 research papers, bulletins, monographs and popular articles. He served as consultant to several organizations and represented the country in International fora. The President of India conferred on Dr. Singh the *Padma Shri* award in 1971. Punjab Agricultural University decorated him with the degree of Doctor of Science (*Honoris causa*).

Dr. Singh believed and worked relentlessly with the firm conviction that example is better than percept. He was a human being par excellence and was an outstanding plant breeder. We feel greatly honored by dedicating this volume to the memory of person who was a pioneer in the field of PGR.

1. Executive Council of ISPGR

1.1 Present Executive Council of ISPGR

2007-2009

Patrons	MS Swaminathan AB Joshi RS Paroda Mangala Rai
President	Bhag Mal
Vice Presidents	Ravi Khetarpal Umesh Srivastava
General Secretary	RK Tyagi
Joint Secretary	Anuradha Agrawal
Treasurer	RC Agrawal
Councillors	North Zone Vandana Tyagi SK Malik East Zone AK Handique VK Gupta West Zone AK Mishra SK Sharma South Zone Venkat R Hegde Rema Menon Central Zone Dinesh Kumar AK Roy
Editor-in-Chief	Ambrish K Sharma (up to July 17, 2009) Pratibha Brahmi (w.e.f. July 18, 2009)
Editors	Pratibha Brahmi (up to July 17, 2009) Sandhya Gupta Lalit Arya Neeta Singh (w.e.f. July 18, 2009) Vandana Tyagi (w.e.f. July 18, 2009) Sunil Archak (w.e.f. July 18, 2009) R.S. Rathi (up to July 17, 2009)

1.2 Past Executive Councils of Society

1987-1988

Patrons	BP Pal AB Joshi
President	RS Paroda
Vice Presidents	RB Singh R Gupta and BP Pal
General Secretary	KPS Chandel
Joint Secretary	ML Maheshwari
Treasurer	PP Khanna
Editor-in-Chief	RK Arora
Editorial Board Members	RK Arora Ram Nath Bhag Mal E Roshini Nayar

1989-1992

Patrons	MS Swaminathan AB Joshi
President	RS Paroda
Vice Presidents	Melek H Mengesha R Gupta
General Secretary	KPS Chandel
Joint Secretary	Munshi Singh
Treasurer	PP Khanna
Editor-in-Chief	Bhag Mal
Councillors	DR Sharma RK Saxena PK Sinha SR Gupta SL Basak SD Sharma

	DC Bhandari
	SS Narayanan
	A Seetharam
	S Apparao
Editorial Board Members	JL Karihaloo
	PN Mathur
	PC Agarwal
	BM Singh
	Umesh Chandra

1993-1995

Patrons	MS Swaminathan
	AB Joshi
President	RS Rana
Vice Presidents	Melak H Mengesha
	RK Arora
General Secretary	BP Singh
Joint Secretary	Umesh Srivastava
Treasurer	RK Saxena
Editor-in-Chief	Bhag Mal
Councillors	BB Singh
	MM Verma
	G Kalloo
	SD Sharma
	ID Singh
	NR Bhagat
	IJ Anand
	A Seetharam
Editorial Board Members	Umesh Srivastava
	JL Karihaloo
	Sudhir Kochhar
	PN Mathur
	BM Singh
	PC Agarwal

1996-1998

Patrons	MS Swaminathan AB Joshi
President	RS Paroda
Vice Presidents	EA Siddiq BP Singh
General Secretary	KPS Chandel
Joint Secretary	Umesh Srivastava,
Treasurer	Shamsher Singh
Editor-in-Chief	BB Singh
Councillors	North Zone RK Tyagi VP Gupta East Zone ID Singh DK Hore West Zone DC Bhandari SD Purohit South Zone AK Singh KV Peter Central Zone G Kalloo JN Gupta
Editorial Board Members	M Rai IS Bisht KV Bhat RK Tyagi R Chaudhury BM Singh S Saxena

1999-2000

Patrons	MS Swaminathan AB Joshi RS Paroda
President	Mangala Rai
Vice Presidents	Bhag Mal VP Gupta
General Secretary	PL Gautam
Joint Secretary	Sanjeev Saxena
Treasurer	Shamsher Singh
Editor-in-Chief	Umesh Srivastava
Councillors	North Zone SK Sharma AK Sidhu East Zone SD Sharma HP Sharma West Zone P Joshi Devendra Kumar South Zone SB Dandin A Seetharam Central Zone SS Negi DP Patel
Editorial Board Members	SR Bhat RK Khetarpal S Saxena AK Sharma Anuradha Agrawal

2001-2002

Patrons	MS Swaminathan AB Joshi RS Paroda
President	PL Gautam
Vice Presidents	BB Singh AK Singh
General Secretary	BS Dhillon
Joint Secretary	Sanjeev Saxena
Treasurer	Veena Gupta
Editor-in-Chief	RK Tyagi
Councillors	North Zone SK Sharma AK Sidhu East Zone Mathura Rai Amitava Majumdar West Zone SK Bhatnagar Manjit Singh South Zone A Seetharam RR Hanchinal
Editorial Board Members	RK Khetarpal PC Agarwal Sanjeev Saxena IS Bisht KV Prabhu Ambrish K Sharma Anuradha Agrawal

2003-2004

Patrons	MS Swaminathan AB Joshi RS Paroda Mangala Rai
President	BS Dhillon
Vice Presidents	BB Singh Bhag Mal
General Secretary	SS Malik
Joint Secretary	Dinesh Kumar
Treasurer	Veena Gupta
Editor-in-chief	JL Karihaloo
Councillors	North Zone HK Chaudhary West Zone NK Dwivedi South Zone Z Abraham East Zone JB Tomar Central Zone SS Duhoon
Editorial Board	
Members	Anuradha Agarwal SR Bhat Mahendra Singh JL Tickoo RK Khetarpal

2005-2006

Patrons	MS Swaminathan AB Joshi RS Paroda Mangala Rai
President	BS Dhillon
Vice Presidents	Bhag Mal JL Karihaloo
General Secretary	RK Tyagi
Joint Secretary	Anuradha Agarwal
Treasurer	Dinesh Kumar
Councillors	North Zone PR Kumar RK Khetarpal East Zone Vishal Nath Dipankar Shah West Zone SR Maloo AK Mishra South Zone RR Hanchinal KS Varaprasad Central Zone Hari Har Ram DR Malaviya Umesh Srivastava
Editor-in-Chief	
Editorial Board	
Members	PN Gupta Ram Nath KV Bhat BM Prasanna Anjula Pandey

2. INTRODUCTION

2.1 Background

The field of plant genetic resources (PGR) has acquired global recognition and worldwide interest has been generated in the past four decades. It has also emerged as an important discipline encompassing several basic sciences requiring multi-disciplinary approach. The existing scientific societies are largely of specific disciplines orientated and have not been able to cater to the specific needs involving different facets of plant genetic resources *viz.* germplasm collection, exchange, quarantine, evaluation, characterization, documentation, conservation and utilization employing conventional and new emerging technologies. The scientists engaged in plant genetic resources activities felt the need and created a scientific society exclusively for PGR to bring together all the interested researchers, students and other stakeholders at one platform. The Indian Society of Plant Genetic Resources (ISPGR) was founded in 1987 as a multi-disciplinary scientific body involved in the various issues of PGR and related fields. The headquarters of the society are located at NBPGR Campus, New Delhi. It currently has more than 550 members, nearly 500 of them being life members. The society was formally registered under the Indian Societies Act (1860) on November 3, 1987 with the Registrar of Societies, Delhi (Registration No. S/18336 of 1987).

2.2 Objectives

The primary objective of the society is to provide a forum to various workers in the field of PGR to express their views, publish their findings and interact with different stakeholders. The society aims at the following:

1. To promote research in the field of PGR especially in germplasm exploration and collection, conservation, evaluation and characterization, introduction and exchange, quarantine and related activities.
2. To encourage the management of PGR in an integrated fashion involving different disciplines such as Economic Botany, Ecology, Ethnobotany, Biosystematics, Biotechnology, Physiology, Horticulture, Seed Science, Agronomy, Pathology, Entomology, Nematology, Chemistry & Biochemistry, Computer Science.

3. To provide a forum to the scientists for expressing their critical views based on scientific knowledge, rational thinking on policies related to PGR.
4. To collect, collate and disseminate information on PGR programmes.
5. To encourage and promote close association and collaboration among members belonging to various disciplines.
6. To provide recognition to persons having made significant contribution in furthering the science of plant genetic resources.
7. To work in association with international organizations and other societies interests
8. To publish research journal at periodical intervals.

2.3 Management bodies

- i) **The General Body (GB)** : The GB shall comprise of all the enrolled members of the Society. The GB shall be supreme authority of the Society. It shall determine the general policies and programmes of the Society in conformity with the constitution and bye-laws and elect the members of the EC. It shall be the only body that can make amendments to or altogether change the rules of the Society according to the procedure laid down in this constitution.
- ii) **The Executive Council (EC)** : The administration, direction and management of the activities/functions of the Society shall be entrusted to an Executive Council (EC) consisting of President, two Vice-Presidents, one General Secretary, one Joint Secretary, one Treasurer and eight Councillors from different zones. The zones have been demarcated by the EC. The office bearers should be the life members of the Society.

2.4 Membership

The membership of the Society shall be open to all those interested in PGR activities in India and abroad. The categories of members will be life members, ordinary members, institutional members, student members and donor members. In addition, the Society shall also have 'Fellows' and 'Honorary Fellows'.

- i) **Life members:** Any research worker/scientist or other person interested in PGR related activities can become a life member by paying admission fee and the subscription prescribed for life membership.
- ii) **Ordinary members:** Any research worker or scientist or other person interested in PGR related activities can become an ordinary member by paying the admission fee and prescribed annual subscription.
- iii) **Institution members:** The organizations engaged fully or partially in the PGR activities can become members by paying prescribed annual subscription. They will not be enrolled as life members.
- iv) **Student members:** The bonafide students engaged in post graduate studies can also become members of the Society by paying the prescribed annual subscription and submitting a proof of their being a student. They will remain as student members for the period of the course they are enrolled in.
- v) **Donor members:** An individual or an institution or a firm donating Rs 50,000/- (or US \$5000 for foreigners) shall become the donor member. They will be invited as guests in the official functions of the Society but will not have voting rights.
- vi) **Fellows:** They shall be those who have made significant contributions for the cause of PGR and are members of the Society continuously for at least 10 years and should be the Life Members at the time of submitting the application for the award of Fellowship. To become a Fellow, a member will apply to the Executive Council (EC) on a proforma developed by the EC stating the terms and conditions for becoming a Fellow of the Society, if elected.
- vii) **Honorary Fellows:** They shall be the persons, eminent scientists recognized for their contribution or services for promotion of PGR activities in India and abroad. Their number shall be limited to ten at any point of time. They shall be nominated by the EC and approved by a two-third majority present at the Annual GB Meeting. The names of all the newly enrolled members shall be presented by the General Secretary during the Annual GB meeting.
- viii) **Patrons:** The Society shall have a maximum of four Patrons at a given time to be nominated by the EC and ratified by the General Body (GB).

Cessation of membership:

- (i) A member may withdraw from the Society by indicating in writing his desire to do so; however, the Society shall not return any fee or subscription that the Member may have paid.
- (ii) If any member of the Society willfully disobeys rules or orders of the authorities of the Society or commits willful breach of orders or does anything against in the interest of the Society, his/her membership will be terminated on the recommendation of the Disciplinary Committee constituted by the EC and approved by the GB. Such decisions can, however, be reviewed on appeal by the GB.
- (iii) If any member is adjudged by any court of law to be a criminal offender, the EC may terminate his membership.

2.5 Membership subscription payable at the time of enrolment

Membership	Inland (in Indian Rupees)	Foreign (in US\$)
Life	3000	1000
Ordinary (Annual)	250	50
Institutional (Annual)	2000	250
Student (Annual)	250	50
Admission fee	50	15

**Journal Subscription rates applicable to Non-Member
(Libraries/Institutions)**

Annual	1000	250
Single copy	400	75

3. Awardees and Awards of ISPGR

3.1. List of Awardees

Dr Harbhajan Singh Award

- | | |
|-----------------|-----------|
| 1. Dr RK Arora | 1997-1998 |
| 2. Dr RS Paroda | 1999-2000 |
| 3. Dr PL Gautam | 2001-2003 |
| 4. Dr Bhag Mal | 2003-2004 |
| 5. Dr Sita Ram | 2005-2006 |

Dr RS Paroda Young Scientist Award

- | | |
|--------------------|------|
| 1. Dr Rakesh Singh | 2008 |
|--------------------|------|

Dr RK Arora Best Paper Award

- | | |
|---------------------|------|
| 1. Dr K Joseph John | 2008 |
|---------------------|------|

3.2 AWARDS

3.2.1 DR HARBHAJAN SINGH MEMORIAL AWARD

General Guidelines

The enormous outstanding achievements of Late Dr. Harbhajan Singh in the field of PGR are indeed very well known. He was the most distinguished plant explorer of India and is frequently referred by many as the Indian Vavilov. He is credited with giving a distinct identity to the discipline of plant introduction involving germplasm exploration, collection, evaluation and maintenance in India. He made outstanding contributions to the Indian agriculture especially in the field of vegetable breeding. Dr Singh relentlessly made promising introductions from all over the world and significantly contributed by way of developing prominent high yielding cultivars. He introduced several new plant species and germplasm including new oil yielding species such as soybean, sunflower, low chilling temperate fruits viz., peach and apple, West Indian cherry, Chinese gooseberry and a wide range of ornamentals. In 1971, the President of India conferred on him the Padam Shri for his meritorious contributions and the Punjab Agricultural University bestowed on him the degree of Doctor of Science (*Honoris causa*).

With generous contribution made by M/s Maharashtra Hybrid Seeds Co., Jalna (Maharashtra), the Indian Society of Plant Genetic Resources instituted Dr Harbhajan Singh Memorial Award in the honour and memory of Late Dr Harbhajan Singh. This prestigious award was instituted with the objective to recognize the life time contributions of eminent persons who made great impact in the area of plant genetic resources.

Description of the Award

- The Award consists of a cash prize of Rs. 25,000, a gold medal, citation and plaque of honour
- The Award is given biennially
- ISPGR will meet the travel expenses and provide local hospitality to the Awardee for attending the Award Function

Eligibility

- The award is to be given to an Indian citizen.
- The Award is a life time achievement award to be given to eminent persons who have made outstanding contributions in the field of plant genetic resources with special reference to India.
- A deceased person will not be considered for the Award. However, the Award may be given posthumously in the event of death of the applicant/ nominee.
- There is no age bar.

Procedure for application/nomination

- Application/nomination should be sent in the prescribed application/nomination form.
- Application/nomination accompanied with a brief resume of his/her work should be sent to the Secretary, Indian Society of Plant Genetic Resources, New Delhi.
- Six copies of application /nomination form are required to be submitted.
- Application/nomination will be valid only for the biennium for which applied/nominated.
- Application/nomination received after the due date will not be considered.

Selection Procedure

- Selection of the Awardee will be made by a committee of eminent experts constituted by the Executive Council of Indian Society of Plant Genetic Resources.
- The Selection Committee will critically examine the information provided in the application/nomination form including the significant contributions made and publications brought out by the candidate.
- The recommendations of the Selection Committee will be perused and considered by the Executive Council
- The Executive Council will take a final decision for the selection of Awardee.
- The deliberations relating to final selection will not be revealed and made public.
- The selection made by the Executive Council will be deemed final and no protest against the selection will be entertained by the Indian Society of Plant Genetic Resources.

DR HARBHAJAN SINGH MEMORIAL AWARD

Application/Nomination Form

1. Name of the applicant/nominee :
(in block letters)
2. Present position and address :
(including Tel., Fax, Email)
3. Residential address (including :
Tel., Fax, Email)
4. Date of birth :
5. Academic qualifications (Beginning :
with Bachelor's degree)
6. Past positions held :
(in chronological order)
7. Field of Specialization :
8. Significant contributions by the :
applicant/nominee (Ten copies
of a write-up, not more than 1000
words may be attached indicating
the following)
 - (i) Measurable impact or likely impact :
of the applicant/nominee's work
 - (ii) Application, if any, of R&D :
work of the nominee
 - (iii) Summary of outstanding :
contributions (Bringing out the
significance in the field of Plant
Genetic Resources especially
germplasm exploration and
collection, introduction, exchange,
plant quarantine, evaluation,
conservation and utilization).
 - (iv) Specify whether the achievements :
of the applicant /nominee have
been recognized earlier for any
other award
 - (v) Number of research papers :
published by the applicant/nominee
under
 - (a) Individual authorship :
 - (b) Joint authorship (attach the list of
publications also) :

(Signature of the Applicant/Proposer)

3.2.2. Dr RS PARODA YOUNG SCIENTIST AWARD

GENERAL GUIDELINES

Background

The outstanding contributions of Dr Rajendra Singh Paroda in the field of PGR are indeed so well known globally. He is the main architect of India's National Genebank. He served as Director General, Indian Council of Agricultural Research (ICAR) & Secretary (DARE) during 1994-2001; Chairman of the Global Forum on Agricultural Research (GFAR) from 1998-2001 and Executive Secretary, APAARI since 1992. He is a fellow of several prestigious Science Academies in India and a foreign fellow of the Russian, Georgian, Armenian, Tajik Academy of Agricultural Sciences and the Third World Academy of Sciences (TWAS). He had been the President, National Academy of Agricultural Sciences (India) during 1996-2001 and General President of Indian Science Congress Association for 2000-2001. In recognition of his meritorious contributions, the President of India conferred on him Padam Bhushan in 1998. Other prestigious awards include Rafi Ahmed Kidwai Memorial Prize (1982-83), Federation of Indian Chamber of Commerce and Industry (FICCI) Award (1988), Om Prakash Bhasin Award (1992), Asia Pacific Seed Association Special Award (1995), Dr. Harbhajan Singh Award (2001), Dr. B.P. Pal Memorial Award (2003), and Borlaug Award (2006). A large number of national and foreign universities have honored him with D.Sc. Degree (*Honoris Causa*). The American Society of Agronomy and the Crop Science Society of America awarded Dr. Paroda their prestigious Honorary Membership in 2001. ICRISAT and Kazakhstan have named their Gene Banks after him.

Dr Paroda had donated the cash prize received by him in 2001 on account of Dr Harbhajan Singh Memorial Award to the Indian Society of Plant Genetic Resources. This contribution has grown over the years. Recently, the Indian Society of Plant Genetic Resources has decided to establish a corpus fund for instituting Dr RS Paroda Young Scientist Award in recognition of outstanding contributions made by him in the field of PGR. This prestigious award, instituted in 2008 has the main objective to recognize the outstanding contributions of young scientists in the field of PGR.

Description of the Award

- The Award consists of a cash prize of Rs. 10,000, a gold medal, citation and plaque of honour.
- The Award will be given biennially.
- ISPGR will meet the travel expenses and provide local hospitality to the Awardee for attending the Award Function.

Eligibility

- The award is meant for an Indian citizen living in India or abroad.
- The Award is to be given to a person who has made outstanding contributions in the field of plant genetic resources with special reference to India.
- A deceased person will not be considered for the Award. However, the Award may be given posthumously in the event of death of the applicant/ nominee after submission of application.
- The age of the person should not be more than 40 years on the date of application.

Procedure for submission of application

- Application should be sent in the prescribed form (attached).
- Application accompanied with a brief resume of his/her work should be sent to the Secretary, Indian Society of Plant Genetic Resources, c/o National Bureau of Plant Genetic Resources (NBPGR), Pusa Campus, New Delhi- 110012, India
- Six copies of application form are required to be submitted.
- Application will be valid only for the biennium for which applied
- Application received after the due date will not be entertained.

Selection Procedure

- Selection of the Awardee will be made by a committee of eminent experts constituted by the Executive Council of Indian Society of Plant Genetic Resources.
- The Selection Committee will critically examine the information provided by the applicant including the significant contributions made and publications brought out.
- The recommendations of the Selection Committee will be considered by the Executive Council for final decision.
- The deliberations relating to final selection will not be made public.
- The selection made by the Executive Council shall be deemed final and no protest will be entertained by the Indian Society of Plant Genetic Resources.

Application Form

1. Name of the applicant (in block letters) :
2. Present position and address (including Tel., Fax, Email) :
3. Residential address (including Tel., Fax, Email) :
4. Date of birth :
5. Academic qualifications (Beginning with Bachelor's degree) :
6. Past positions held (in chronological order) :
7. Field of Specialization :
8. Significant contributions by the applicant/nominee (Ten copies of a write-up, not more than 1000 words may be attached indicating the following) :
- (i) Measurable impact or likely impact of the applicant/nominee's work :
 - (ii) Application, if any, of R&D work of the nominee :
 - (iii) Summary of outstanding contributions (Bringing out the significance in the field of Plant Genetic Resources especially germplasm exploration and collection, introduction, exchange, plant quarantine, evaluation, conservation and utilization). :
 - (iv) Specify whether the achievements of the applicant /nominee have been recognized earlier for any other award :
 - (v) Number of research papers published by the applicant/nominee under
 - (a) Individual authorship :
 - (b) Joint authorship (attach the list of publications also) :

(Signature of the Applicant)

3.2.3 Dr RK Arora Best Paper Award

Background

Dr RK Arora has made enormous contribution in strengthening plant genetic resource system in India. His outstanding contributions in the field of plant genetic resources, exploration, management and utilization over last four decades covering varied but related disciplines such as systematic botany, ecology, ethanobotany and study of wild relatives have been of great importance. Dr Arora has been associated with national and international PGR system and published/edited several books on plant genetic resources and wild relatives of crop plants. For his outstanding contributions in field of PGR he was awarded first Dr Harbahjan Singh Memorial award of ISPGR.

Dr RK Arora had donated the cash prize received by him in 1998 on account of Dr Harbahjan Singh Memorial Award and additional donation to the Indian Society of Plant Genetic Resources. This contribution has grown over the years. Recently, the Indian Society of Plant Genetic Resources has decided to establish a corpus fund for instituting Dr RK Arora Best Paper Award in recognition of outstanding contributions made by him in the field of plant genetic resources. This prestigious award, instituted in 2008 has the main objective to encourage and motivate researchers to bring out quality papers in the field of Plant Genetic Resources in the Indian Journal of Plant Genetic Resources.

Description of the Award

- The Award consists of a cash prize of Rs. 5,000, and plaque of honour.
- The Award will be given annually (for each volume of IJPGR).

Eligibility

- The Award is meant for an Indian citizen living in India or abroad.

Selection Procedure

- Selection of the Awardee will be made by a committee of eminent experts constituted by the Executive Council of Indian Society of Plant Genetic Resources.
- The Selection Committee will critically examine the papers published in the particular volume of IJPGR. The merit of originality, magnitude of work related to PGR management will be the basic criteria.

- The recommendations of the Selection Committee will be considered by the Executive Council for final decision.
- The selection made by the Executive Council shall be deemed final and no protest will be entertained by the Indian Society of Plant Genetic Resources.

3.2.4. Dr. KL Mehra memorial award for the best PGR student

Background

Dr KL Mehra was the first Director of National Bureau of Plant Genetic Resources and his contributions in developing a institution and a discipline of PGR are noteworthy. His outstanding contributions in the field of exploration and collection, management and utilization of PGR over last five decades covering taxonomy, systematic botany and study of wild relatives have been of immense use for students of PGR. Dr Mehra has published/edited several books on PGR and related subjects. For his outstanding contributions in the field of PGR, he was recognized nationally and internationally by PGR students and scientists.

The wife of late Dr KL Mehra, former Director, NBPGR, has donated some seed money to the ISPGR in his memory. The interest accrued on donated money would be used for awarding Dr KL Mehra Memorial Award to the Best PGR Student every year from the PGR students of IARI Post Graduate School studying for Masters degree (M.Sc.). This prestigious award, instituted in 2009 has the main objective to encourage and motivate PGR students to excel in the field of PGR and to take forward the legacy of dedicated researcher, Dr KL Mehra.

Description of the Award

- The Award consists of a cash prize of Rs. 10,000, and plaque of honour.
- The Award will be given annually.

Eligibility

- The award is meant for student studying in PGR discipline for Masters degree (M.Sc.) of PG School, IARI, New Delhi.

Selection Procedure

- The top rank holding students of M.Sc. (PGR), PG School, IARI, New Delhi, will be selected as Awardee, subjected to approval of EC of Indian Society of Plant Genetic Resources.
- The selection made by the Executive Council shall be deemed final and no protest will be entertained by the Indian Society of Plant Genetic Resources.

4 Fellowship of Society

4.1 Fellow of Indian Society of Plant Genetic Resources (FSPGR)

Fellow are elected as per the guidelines given below or nominated as Honorary Fellows by the Executive Council of ISPGR. Presently ISPGR have six Honorary fellows and fifty-eight elected Fellows. Out of 58 elected fellows 52 were elected as founder fellows for the year 2007 and 6 fellows were elected for the year 2008. For election of founder fellows, the services rendered to the ISPGR/Academy or any other academic society were also considered along with other guidelines by along with specified by EC of ISPGR. Name of Honorary Fellows are as under:

1. Prof MS Swaminathan
2. Prof AB Joshi
3. Prof GS Khush
4. Prof S Rajaram
5. Prof RB Singh
6. Prof Emile Frison

4.2 Eligibility and procedure for selection of FSPGR:

Fellow

- (i) Fellows will be nominated/selected from among those who have been Life Members of ISPGR for a minimum of 10 years.
- (ii) Fellows of ISPGR shall make nominations for the fellowship in the prescribed proforma with supportive evidences. Fellows will be inducted after evaluation of their significant contributions in management of PGR.
- (iii) A Fellow can propose a maximum two nominations and a second maximum two nominations in a year.
- (iv) A maximum five Fellows will be inducted in a year and total Fellows will not be more than 20% of the total Life Members of the ISPGR.
- (v) EC of the ISPGR will constitute the Committee of a minimum five Fellows to evaluate the contributions of the nominees as per the guidelines prescribed by the EC of ISPGR.

Nomination Form for Fellowship of the Indian Society of Plant Genetic Resources

All entries in the Nomination form should be typewritten.

The undersigned Fellows of the **Indian Society of Plant Genetic Resources** propose and second

.....
(Name of the candidate in capital letters)

as a candidate for selection as a Fellow of the Society. His candidature may be considered.

Particulars of the Proposer/ Secunder	Remarks about the nominee's suitability indicating whether the remarks are based on personal or general knowledge*						
Proposer	(Proposer)						
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%; padding: 2px;">Proposer's Name</td><td style="width: 60%;"></td></tr> <tr> <td style="padding: 2px;">Signature</td><td></td></tr> <tr> <td style="padding: 2px;">Date</td><td></td></tr> </table>	Proposer's Name		Signature		Date		
Proposer's Name							
Signature							
Date							
Secunder	(Secunder)						
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%; padding: 2px;">Secunder's Name</td><td style="width: 60%;"></td></tr> <tr> <td style="padding: 2px;">Signature</td><td></td></tr> <tr> <td style="padding: 2px;">Date</td><td></td></tr> </table>	Secunder's Name		Signature		Date		
Secunder's Name							
Signature							
Date							

Note:

*The proposer should restrict his/her observations only to the credentials of the nominee. He is required to attach a brief citation of the candidate bringing out his significant contributions in the field of Plant Genetic Resources

BIODATA OF NOMINEE

1. Name in full (Surname : followed by forename)

2. Date of Birth and Nationality :

3. Field of specialization :

4. Present Position/ Designation :

5. Address: (a) Official: Tel No.
 Fax No.:
 E-mail:
 Address:

(b) Residential: Tel No.:
 Address:

(Give STD code before Telephone & Fax number)

6. Academic career (M.Sc. onwards)

	Degree	University/ Institution	Year	Thesis Title

1. Employment records

	Position Held	Organization/ Institution	Pay Scale	Period of Appointment

2. Significant achievements

- (a) Significant research and teaching achievements in relation to germplasm exploration and collection, introduction, exchange, plant quarantine, evaluation, conservation, utilization and other related activities.

- (b) Methodologies/techniques developed for effective management of PGR.
 - (c) Books, Proceedings, Manual etc. edited/authored.
 - (d) Awards and honours (National and International based on scientific work, Peer Reviewed recognitions such as Fellowship, office bearer of major Academy/Society, Chairman of session or contribution in organization of important international/ national symposia/seminars etc.).
3. List below 10 most important publications in journals with impact factor and high standing indicating: (a) name of author(s), (b) year, (c) title, (d) name of journal, volume, page numbers (please enclose the reprints).
4. List of publications (Research papers in peer reviewed journal, books, book chapters, manuals, technical bulletins, technical articles)

Declaration

I have no objection for considering my candidature for selection as the Fellow of ISPGR. I certify that no vigilance/ disciplinary proceedings are pending against me and the information given above is correct to the best of my knowledge.

Place:

Date:

Signature of the Nominee

4.3 Profile of ISPGR Fellows

Abraham Z

Fellow Elected 2007

Born in Coonoor, The Nilgiris (Tamil Nadu) on 30 April 1952; Educated at P.U.C. - Govt. Arts College, Ooty 1969; B.Sc. Govt. Arts College Ooty, 1973; M.Sc., Govt. Arts College, Ooty 1975; Ph.D. (Botany), University of Madras, Chennai 1981.



Professional qualification: 6-months training at School of Biology, University of Bath, UK 1996.

Positions held: Scientist-B (Botany) at CDRI (CSIR) Lucknow; Scientist-B (Botany & Pharmacognosy) at CIMAP (CSIR) Lucknow; Senior Scientist (Economic Botany) and Principal Scientist & Officer-in-charge NBPGR Regional Station, Thrissur, Kerala.

Awards: First Prize for Proficiency in Botany- B.Sc. 1973.

Fellow: Indian Botanical Society; Society of Ethnobotanists.

Research Areas: Taxonomy; Cytology; Ethnobotany & Plant Genetic Resources (Higher Plants).

Association with the ISPGR and other societies: Member, Indian Botanical Society; Indian Society of Genetics & Plant Breeding; Society of Ethnobotanists; Society of Indian Oilseeds Research.

Address: Principal Scientist & Officer-in-charge, National Bureau of Plant Genetic Resources, Regional Station, Vellanikkara, KAU P.O, Thrissur - 680 656, Kerala., Tel: 0487-2370368 (H), Email: abrahamnbpgr@gmail.com

Ahuja Paramvir Singh

Fellow Elected 2008

Born in Patiala (Punjab) on 19 December 1952; Educated at Baldwin Boys High School and St. Joseph's college, Bangalore, 1963-70; B.Sc.(Agri), PAU, Ludhiana, 1974; M.Sc. (Agri), PAU, Ludhiana, 1977; Ph.D. University of Nottingham, UK 1983.



Professional qualification: NSERC Visiting Scientist Fellowship (Post Doc), Canada and Visiting Scientist Fellowship, Ohio State University, USA 1987 for Plant Molecular Biology Research.

Positions held : Scientist S-1 CSWCRTI (ICAR) 1977-78; Scientist S-1 CSSRI (ICAR) 1978-80; Commonwealth Scholar, University of Nottingham, UK 1980-83; Scientist 'C' and Head, Division of Plant Tissue Culture, CIMAP, Lucknow, 1983-88; Scientist E1 CIMAP, Lucknow, 1988-91; Scientist EII CIMAP, Lucknow, 1991-93; Scientist F and Head, Biotechnology Division, CSIR Complex, Palampur, IHBT, 1993-98; Director IHBT, Palampur, 1998-till date.

Awards: FIE Foundation National Award, 2000; VASVIK Award, 2005.

Fellow: National Academy of Agricultural Sciences; National Academy of Sciences, India; Indian Society of Genetics & Plant Breeding.

Research Areas: Plant Biotechnology, Plant Improvement Biotechnology of Crops, Medicinal, Aromatic plants and Tea.

Association with ISPGR & other societies: Life member of Indian Society of Plant Genetic Resources; Fellow of the Indian Society of Genetics and Plant Breeding; Life member of the Crop Improvement Society; Life member of the Orchid Society of India; Life member of the Society of Biological Chemists; Life member of the Society for Plant Biochemistry and Biotechnology; Life member of Association for the Promotion of DNA Fingerprinting and other DNA Technologies; UNESCO, sponsored member of International Association for Plant Tissue Culture & Biotechnology; UNESCO, sponsored member of International Society of Plant Molecular Biology; Life member of Indian Science Congress Association; Life member of Society for Plantation Crops; Elected member of the Plant Tissue Culture Association of India; Sponsored membership of the International Society of Plant Molecular Biology and the International Association of Plant Tissue Culture by UNESCO; Life Member of Indian Society of Analytical Scientists, Delhi.

Present Interest in PGR: Tea, Bamboo, MAPs and Stevia.

Address: Director, Institute of Himalayan Bioresource Technology (IHBT), CSIR, Post Box 6, Palampur-176061, (HP), Ph- 01894-230411 (Off), 230422 (Res.), Mobile: 094180-30411;E-mail: psahuja@ihbt.res.in

Agarwal Prakash Chandra

Fellow Elected 2007

Born in Village-Jobner, District- Jaipur, Rajasthan on 05 July 1952; Educated at B.Sc. (Ag.) Honours, University of Udaipur, Rajasthan 1973; M.Sc. (Plant Pathology), IARI, New Delhi 1975; Ph.D. (Plant Pathology) from IARI, New Delhi 1979.

Professional qualification: Seed-Pathology (Seed-Health Certificate from DGISP, 11 months) 1998.

Positions held: Scientist S-1, Senior Scientist and Principal Scientist in PQ Div. Of NBPGR, New Delhi.

Fellowships: DANIDA-Fellowship by Danish Govt. for Training on Seed-Health Testing and subsequent Project work on Seed-Borne Diseases and Seed Health Testing of Rice in Denmark.

Research Areas: Seed Pathology.

Association with the ISPGR and other societies: Member of editorial team and life member of ISPGR; Member of Indian Phytopathological society.

Address: Principal Scientist, Plant Quarantine Division, NBPGR, New Delhi-110 012, India. Email: pcag@nbpgr.ernet.in



Agrawal Anuradha

Fellow Elected 2008

Born in Purnea (Bihar) on 29 October 1965; Educated at Secondary School ICSE, Delhi, 1983; B.Sc. (Hons.) (Botany), Miranda House, University of Delhi, 1986; M.Sc. (Botany), Department of Botany, University of Delhi, 1988; Ph.D. (Botany), Department of Botany, University of Delhi, 1994.

Professional qualification: PG Diploma (IPR law), Indian Law Institute, New Delhi 2001.

Positions held: Scientist (1993-1997), Scientist (Senior Scale) (1997-2002), Senior Scientist (2002 till date) at NBPGR, New Delhi.



Fellow: Association for Improvement of Banana and Plantain (AIPUB), Tiruchirapalli, 2008.

Fellowships: BOYSCAST Fellowship (2000-2001) in Plant Genetic Resources, Department of Science & Technology, New Delhi; Worked at the Laboratory of Tropical Crop Improvement, Kathleen, University of Leuven, Leuven, Belgium; Senior Research Fellowship (1990-93) and Junior Research Fellowship (1988-90) in Life Sciences by UGC, New Delhi.

Research Areas: *Ex situ* conservation of tropical fruits and spices genetic resources through *in vitro* conservation and cryopreservation methods; Biology of aquatic angiosperms (especially *Trapa*).

Association with the ISPGR and other societies: Joint Secretary (2005-09); Member, Editorial Board (1999-2004); Life Member (since 1995) and Life Member, Association for the Improvement in Production and Utilization of Banana (AIPUB), Trichy, India; Life Member, Society for Plant Biochemistry and Biotechnology, IARI, New Delhi; Vice President (1991-92), Delhi University Botanical Society, University of Delhi.

Address: Senior Scientist, Tissue Culture and Cryopreservation Unit, National Bureau of Plant Genetic Resources, Pusa Campus, New Delhi-110012, Phone: 25849208 ext. 339, Mob: 09811264360; Email: anuradha@nbpgr.ernet.in



Agrawal Rakesh Chandra

Fellow Elected 2007

Born in Mathura (Uttar Pradesh) on 1 Jun 1963; Educated at 10th in UP Board, Allahabad 1978; 12th in UP Board, Allahabad 1980; B.Sc. in Agra University 1983; M.Sc. in IARI, New Delhi 1985; Ph.D. in IARI, New Delhi 1989.

Professional qualification: PG Diploma (Cyber Law) in Indian Law Institute, New Delhi, 2007; UNIX and ORACLE in M/s Digital, New Delhi, 1994; Working of FTDMA VSAT in NIC, New Delhi 2(days) 1997; Concepts of JAVA in Indian Agricultural Statistics Research Institute (IASRI), New Delhi (13 days) 2000; Concepts of Linux Administration in Linux Learning Centre, management concepts in NIIT, Delhi 30 (days)

2002; Oracle Database Administration related topics in Oracle India, Delhi 21 (days) 2003; Various aspects related to GIS, Remote sensing, software for GIS and remote sensing and aspects related to agro-ecosystem management in Department of Space, ISRO and Department of Physics, IARI, New Delhi (25 days) 2004. Participated in several international trainings and consultancies.

Positions held: Scientific post at NBPGR since 1989; In charge (ARIS) - NBPGR since 1997; Consultant to Food and Agriculture Organization since 2006.

Awards: Awarded four consultancies from FAO to develop National Information Sharing Mechanism (NISM) for PGR and to train national partners from LAO PDR, Oman, Nigeria and Zimbabwe in the field of NISM.

Research Areas: Biodiversity Informatics and Agricultural Statistics.

Association with the ISPGR and other societies: Life member of ISPGR from 1991; Elected Member of Executive and Life member of Computer Society of India; Life member of Indian Society of Agricultural Statistics.

Address: Principal Scientist and OIC, ARIS, National Bureau of Plant Genetic Resources, Pusa Campus, New Delhi-110012, Tel(O):+91-11-25846074, Tel (R) +91-11-27861457, Mob- +919899008855, Email:agrawal_rakesh_chandra@yahoo.com; rakesh@nbpgr.ernet.in

Anishetty Narasimha Murthi

Fellow Elected 2007

Born in Hanama Konda, (Warangal) on 12 Jan 1942; Educated at B.Sc. (Ag) Karnataka University, Dharwad in 1964; M.Sc. (Ag) in Andhra Pradesh Agricultural University 1966; Ph.D. University of Georgia, USA, 1973.

Professional qualification: Forty three years of experience including 25 years at international level in agricultural research and development with special emphasis on plant genetic resources, crop improvement and seed sector; Visited nearly 100



countries in all the continents to advise National Governments on policies and programmes on plant genetic resources and seed sector.

Positions held: Botanist, Genetic Resources, ICRISAT (1974 to 1978); Senior Officer, Plant Genetic Resources, FAO, Rome ((1991 to 2004); Agricultural Officer, Seed and Plant Genetic Resources Service, FAO, Rome (1988 to 1991); Assistant Executive Secretary, International Board for Plant Genetic Resources (IBPGR), FAO, Rome (1978 to 1988).

Awards: Recipient of a Silver Medal and a Plaque for recognition of meritorious service to IBPGR at its 10th Anniversary (1984); Recipient of 25 years of meritorious service to world food and agriculture, FAO, Rome, 2003; Invited Keynote Speaker at several International meetings.

Fellowships: Merit Scholarship holder during undergraduate and post-graduate studies; University of Georgia, Fellowship for Ph.D Programme.

Research Areas: Genetics, plant breeding, biodiversity and plant genetic resources.

Association with the ISPGR and other societies: Associated with ISPGR since its inception.

Address: Visiting Scientist at International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Patancheru, Andhra Pradesh, India, Phone: 040 - 66838321(R), Mob: 09849411654; Email: nmurthi_anishetty@yahoo.co.in



Arora Rajeshwar Kumar

Fellow Elected 2007

Born in Kamalia, Lyalpur, (presently in Pakistan) on 14 December 1932; Educated at DAV High School, Amritsar, 1947-48; DAV College, Jalandhar 1952; Punjab University, 1952-56; Botanical Survey of India, Poona/Punjab University, 1957-60; B.Sc. 1954; M.Sc. 1956; Ph.D. 1961.

Position Held: Honorary Research Fellow, Bioversity International, Office for South Asia, 1998 to date; Assistant Ecologist, 1960-64 and Systematic Botanist, Botanical Survey of India, Kolkatta 1964-67; Senior Scientist, Division of Plant Introduction, IARI,

1968-76; Head, Division of Plant Exploration, 1976-81/83-86; Officiating Director, National Bureau of Plant Genetic Resources, New Delhi, 1987-88; Coordinator, Bioversity International Office for South Asia, New Delhi, 1989-97.

Awards: Hershberger Medal in Ethnobotany, 1996; ISPGR Dr. Harbhajan Singh Memorial Award, 1998.

Fellow: National Academy of Sciences, India; National Academy of Agricultural Sciences, India.

Research Areas: Plant genetic resources conservation, use and management.

Address: Honorary Research Fellow, Bioversity International Office for South Asia, National Agriculture Science Centre, Pusa Campus, New Delhi 110012, Res. C-3/3035, Vasant Kunj, New Delhi 110070; Tel: Off. (011) 25849000/01; Res. (011) 26130954; Fax: (011) 25849899; Email: r.arora@cgiar.org

Bhag Mal

Fellow Elected 2007

Born in Tatiri, (U.P) on 1 April 1942; Educated at High School, 1958; Intermediate, 1960; B.Sc. (Ag.), 1962; M. Sc. (Ag.) J.V. College, Baraut (Meerut), 1964; Ph.D. Jivaji University, Gwalior (M. P.) 1985.



Positions held: Postgraduate Lecturer, J.V. College, Baraut 1964-1966; Senior Research Assistant, IARI, Plant Introduction Station, Jodhpur, 1966-1968; Asstt. Plant Improvement Officer, IGFR, Jhansi, 1968-1973; Jr. Botanist, IARI, Plant Introduction Station, Amravati, 1973-1976; Geneticist (Grasses), IGFR, Jhansi, 1976-1987; Project Coordinator (UC), NBPGR, New Delhi, 1987-1995; ADG (Food and Fodder), ICAR, 1988-1989; ADG (Seeds), ICAR, 1995; Director, IGFR, Jhansi, 1996-1998; South Asia Coordinator, Bioversity Office for South Asia, New Delhi, 1998-2007.

Awards: Chancellor's Medal for best student in B.Sc. (Ag.) of Agra University, 1962; FAO Consultancies on Underutilized Crops and on Tropical and Subtropical Food Grain Legumes; Chairman/Co-chairman of Technical Sessions and Member, Steering/Organizing Committees in several International Conferences;

Member of several National Committees/ Working Groups/Scientific Delegations abroad.

Fellow: Indian Society of Range Management and Agroforestry; Indian Grassland and Fodder Research Institute Jhansi; Indian Society of Genetics and Plant Breeding.

Research Areas: Genetics and Plant Breeding, Crop Improvement, Plant Genetic Resources.

Association with the ISPGR and other societies: IJPGR, Chief Editor, 1990-1996; Vice President, ISPGR, 2001-2002 and 2005-2006; President, ISPGR, 2007-2009; President, Indian Society of Range Management and Agroforestry, IGFR, Jhansi (1996-98); Vice President, Indian Society of Genetics and Plant Breeding, IARI, New Delhi (1995-1996); Vice-President, Indian Society of Plant Sciences, HAU, Hisar (1995-96).

Address: Honorary Research Fellow Bioversity International, Office for South Asia, NASC Complex, DPS Marg, Pusa Campus, New Delhi- 110012, Tel. (Office): 91-11- 25849000/01, Tel. (Res.): 91-11-25368836, Mob: 9810318187, Email: b.mal@cgiar.org; bhgm@gmail.com



Bhandari DC

Fellow elected 2007

Born in Jodhpur (Rajasthan) on 20 October 1952; Educated at M.Sc. (Gold Medalist) 1974 and Ph.D. 1977, Botany Department, University of Jodhpur, Jodhpur.

Professional qualification: Post-doctoral Fellow International Rice Research Institute (IRRI), Los Banos, Philippines 1980; Pool Scientist (CSIR), Botany Department, University of Jodhpur, Jodhpur.

Positions held: Lecturer in Plant Ecology Madurai Kamaraj University, Madurai (TN) January 1979; Senior Scientist; Officer-in-Charge, NBPGR Regional Station, Jodhpur; Principal Scientist; Head, Division of Plant Exploration and Germplasm Collection, National Bureau of Plant Genetic Resources (NBPGR), New Delhi.

Address: National Bureau of Plant Genetic Resources, Pusa Campus, New Delhi- 110012; Phone no.: 91-11-2584 8405 (Off); Fax: 91-11-2584 2495; E-mail: bhandaridc@nbpgr.ernet.in

Bhat SR

Fellow Elected 2007

Born in Sirsi (Karnataka) on 22 February 1954; Educated at B. Sc. (Agri.) 1975 and M.Sc (Agri.) University of Agricultural Sciences, Bangalore 1977; Ph.D. (Plant Biol.), University of Birmingham, U.K. 1986;



Professional Qualification: Post-doc McGill University, Montreal, Canada, 1999.

Positions held: Scientist S-1 (1978-1985); Scientist S-2 (1985 -1998); Principal Scientist, National Research Centre on Plant Biotechnology, IARI in 1999 to Present.

Awards and Fellowships: ICAR Junior Fellowship during Master's degree; Commonwealth Fellowship for Ph. D.; DBT Overseas Fellowship

Research Area: Application of biotechnology for the improvement of vegetable oilseed *Brassicas*; Current Project-Development of genetic stocks for heterosis breeding and their molecular characterization (Brassica and cotton), Isolation of plant promoters and genes influencing yield traits, Molecular biology of adventives polyembryony.

Address: Principal Scientist, National Research Centre on Plant Biotechnology, Indian Agricultural Research Institute, New Delhi- 110012, India, Ph: 91-11-25841787 ext: 204; Fax: 91-11-25843984; E-mail: srbhat22@rediffmail.com

Bhat KV

Fellow Elected 2007

Born in Kasaragod (Kerala) on 12 November 1955; Educated at B.Sc. (Ag.) first Division 1978; M.Sc.(Plant Breeding) first division 1981; Ph.D. first division 1989.



Professional Qualification: Visiting scientist for 6 months with USAID.

Positions held: Scientist, Sr. Scientist, Principal Scientist, NBPGR, New Delhi

Research Areas: Plant genetics; DNA fingerprinting, genetic diversity analysis.

Association with the ISPGR and other societies: Member, editorial board IJPGR for 3 years; Member, Indian Society for Plant Breeding and Genetics, IARI, New Delhi.

Address: Principal Scientist, NRC on DNA Fingerprinting, NBPGR, New Delhi-110012; kvbhat2001@yahoo.com; Tel. (H) 011-25833341; Mob: 09818627279.



Chaudhury Rekha

Fellow Elected 2007

Born in New Delhi on 21 April 1958; Educated at Delhi University, B.Sc. (Botany Hons) 1st Division in 1977; M.Sc. (Botany) in Delhi University 1979; M. Phil (Botany) with distinction in Delhi University 1980; Ph.D. (Botany) in Delhi University 1985.

Professional qualification: Computer Appreciation course in NBPGR, New Delhi 1990; Plant Genetic Resources Conservation short course during International summer Instt. for genetic resources conservation of plants in Univ. of California, Davis, USA, 1992; Practicum in long term preservation of plant germplasm in NCGRP (erstwhile National Seed Storage lab), Fort Collins, Colorado, USA, 1992.

Positions held: Scientist (1984 to 1989); Scientist (Sr. Scale) (1989 to 1997); Senior Scientist (1997 to 2005); Principal Scientist and Officer In charge, Tissue Culture and Cryopreservation Unit, NBPGR, New Delhi (2008- till date).

Award: Punjab Rao Deshmukh Woman Agricultural Scientist Award, ICAR 2003.

Association with ISPGR and other societies: Editor, Indian Journal of Plant Genetic Resources 1996-97; Life member, Indian Society of Seed Science and Technology, IARI, New Delhi.

Research Area: Cryopreservation, Seed biology, Conservation of seeds, pollen and dormant buds.

Address: Tissue culture & cryopreservation unit,
National Bureau of Plant Genetic Resources, Pusa
Campus, New Delhi- 110012, Tel: 011-25848955;
E-mail: rekha@nbpgr.ernet.in

Dabas BS

Fellow Elected 2007

Born In Delhi on 15 August 1940; Educated Higher secondary, Delhi; B.Sc., Punjab Agricultural University, Ludhiana; M.Sc., Punjab Agricultural University, Ludhiana; Ph.D (Agricultural Botany and Genetics and Plant Breeding), IARI, New Delhi 1963-1965.

Position Held: Research Assistant, Plant Introduction Division, 1966; Senior Research Assistant 1976; Scientist (S1) 1976 to 1982; Scientist (S2) 1982- 1985; Project Coordinator 1988 to 1997; Head, Exploration Division 1997- 1999 and Principal Scientist 1999 to 2000.

Research Areas: Exploration and collection of plant Germplasm.

Address: E.A. 248 (SFS Flats), Maya Enclave, New Delhi-110064, Tel: 91-11-25120032; Mob. 09953568749



Dhillon Baldev Singh

Fellow Elected 2007

Born in Doburji, (Amritsar) India on 27 June 1947; Educated, Higher Secondary School, Khalsa College, Amritsar 1960-63; B.Sc. Khalsa College, Amritsar; M.Sc. Punjab Agricultural University, Ludhiana 1967-1969; Ph.D. Indian Agricultural Research Institute, New Delhi, 1969-1974.

Positions held: Asstt. Maize Breeder (Asstt. Prof.) in PAU, Ludhiana, 1974-1979; Maize Breeder (Assoc. Prof.) in PAU, Ludhiana, 1979 to 1987; Sr. Maize Breeder (Professor) PAU, Ludhiana 1988-1995; Director (Seeds) PAU, Ludhiana 1995- 98; Asstt. Director General in ICAR HQ New Delhi, 1998 to 2000; Director in NBPGR, New Delhi, 2000 to 2005; Director of Research in PAU, Ludhiana, 2005 to 2007; Director of Research in GNDU, Amritsar 2007 to 2007.



In foreign countries: Scientist in University of Hohenheim, Germany 5.11.2007 to date, Associate Scientist in CIMMYT, Mexico 1993 to 1994.

Awards: Om Parkash Bhasin Award 2006; Recognition Award by NAAS for outstanding contribution in crop improvement 2001-2002; Rafi Ahmed Kidwai Memorial Prize in Plant Breeding for 1986-87; Appreciation Certificate by the Punjab State Council for Science and Technology 1990-93, 1994; **Joginder Singh Memorial Award** by Indian Society of Genetics and Plant Breeding 1997-1998; ICAR Gold Medal for outstanding performance in Ph.D. 1974; Two Best Paper Awards by the Crop Improvement Society of India 1981 and 1984.

Fellowships: Univ. of Hohenheim Fellowship; Alexander von Humboldt (AvH) Foundation Fellowship; AvH Europe Fellowship; German Academic Exchange Service (DAAD) Fellowship

Fellow: Indian National Science Academy (FNA); National Academy of Sciences (FNASc); National Academy of Agricultural Sciences (FNAAS); Indian Society of Genetics and Plant Breeding, New Delhi; Punjab Academy of Sciences (FPAS).

Research Areas: Plant (maize) breeding, plant genetic resources and plant biotechnology.

Association with ISPGR and other societies: ISPGR, President 2003-06; ISPGR, General Secretary 2001-2002; Regional Secretary, Society for Advancement of Breeding Research in Asia and Oceania, The Philippines 2001-2007; Member, Editorial Board of Theoretical and Applied Genetics, Germany 2005-06; Member, Editorial Board of 'Maydica', Italy, 1976-1978; Member, Editorial Board of Journal of Crop Improvement, USA, 2004-2007; Member, Committee on Genetic Stocks, Rice Genetics Newsletter, Japan 2000-2007.

National societies: President, Crop Improvement Society of India 1997-1999; Joint Secretary, Crop Improvement Society of India, 1981-1985.

Address: Scientist, Institute of Plant Breeding, Seed Science and Population Genetics, University of Hohenheim, D 70593 Stuttgart, Germany, Tel: (Off.) 0049-711-4592 4068, Res: 0049-711-3421 8568; E-mail: dhillonbaldevsingh@gmail.com

Duhoon SS

Fellow Elected 2007

Position held : Scientist S-1 to S-3, NBPGR, New Delhi; Principal Scientist and Coordinator, AICRP on Sesame and Niger.

Research Area: Oil seeds Plant Genetic Resources; Characterization and evaluation of PGR.

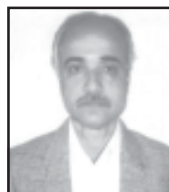
Association with the ISPGR and other societies: Founder life member of ISPGR.

Address: Principal Scientist and Coordinator (Retd.), All India Coordinated Research Project (AICRP) on Sesame and Niger (ICAR) J. N. Agriculture University, Jabalpur (M.P.) India - 482 004

Dutta Manoranjan

Fellow Elected 2008

Born in Nilda, Midnapore (West Bengal) on 7 March, 1952; Educated at Mohanpur, West Bengal Board High school 1970; B. Sc. (Hons) Vidayasagar College, Calcutta University 1970; M.Sc. (Ag.) College of Agriculture, Calcutta University; Ph.D., Calcutta University, Calcutta 2003.



Professional qualification: Post Doctoral Research Fellow in ICRISAT, India, 1983- 1985; Post Doctoral Research Associate in CSIR, New Delhi, 1986.

Positions held: PI, National Agricultural Research Project; Programme Coordinator, AICRP on Underutilized Crops; Director, Communication, University of Horticulture & Forestry, Pantnagar.

Awards: Gold Medal for First Rank in M.Sc. (Ag.)

Fellow: Indian Society of Genetics and Plant Breeding, New Delhi

Research Areas: Breeding Groundnut for Enhanced N₂ fixation, Mountain Agriculture, Plant Genetic Resources of Himalayan Crops, Breeding Underutilized Crops of Himalayan Region.

Association with the ISPGR and other societies: Life Member of ISPGR since inception; Life Member, Indian Society of Genetics and Plant Breeding, New Delhi; Founder Member, Asian Agri-History Society,

Secunderabad; Member, Society for Environmental Communication, New Delhi; Member, Pantnagar Journal of Research, Pantnagar; Member, Gene Campaign Foundation, New Delhi.

Address: Professor and OIC, Genetics & Plant Breeding, G.B. Pant University of Agriculture & Technology, College of Forestry & Hill Agriculture, Hill Campus, Ranichauri, Tehri Garhwal, Uttarakhand-249 199; Tel: 01376-252606 (O), 01376- 252121 (R), Mob.09412437301;

Email:manoranjandutta@rediffmail.com



Frison Emile

Honorary Fellow 2009

Born in Tienen, (Belgium) on 08 November 1954; Educated at MSc in Agricultural Sciences (Distinction), (Ingénieur Agronome) Université Catholique de Louvain, Louvain-la-Neuve, Belgium 1972-1978; PhD in Agricultural Sciences (Grande Distinction), (Docteur en Sciences Agronomiques) Faculté des Sciences Agronomiques, Gembloux, Belgium 1993.

Positions held : Director, International Network for the Improvement of Banana and Plantain (INIBAP), Montpellier, France 1995-2003; Regional Director, Europe, International Plant Genetic Resources Institute (IPGRI), Rome, Italy 1992-1995; Senior scientist, Germplasm health, Research Programme, International Board for Plant Genetic Resources (IBPGR), Rome, Italy 1987-1992; Expert in plant pathology in the Sahelien Integrated Pest Management Research Project based at Kaédi, Mauritania and financed by USAID 1984 -1987; Development Manager at the agrochemical division of Schering S.A. Machelen, Belgium 1982-1984; Associate Expert, In vitro germplasm management, International Institute of Tropical Agriculture (IITA) at Ibadan, Nigeria 1979-1982; Research assistant, Université Catholique de Louvain, Louvain-la-Neuve, Belgium 1978-1979.

Research Areas: Bananas, Plant Pathology.

Association with the ISPGR and other societies:
Leader of the Systemwide Genetic Resources

Programme of the Consultative Group on International Agricultural research (CGIAR), Since August 2003; Secretary of the Genetic Resources Policy Committee of the Consultative Group on International Agricultural research (CGIAR), Since January 2004; Member of the Board of Directors of Ecoagriculture Partners, Washington DC, USA, Since July 2006; Member of the Comité d'orientation de l'Agence de Recherche pour le Développement, Paris, France, Since December 2006; Chair of the Alliance Executive of the Alliance of CGIAR Centres, From March 2007 to December 2008; Extraordinary Professor (part-time) at the Faculty of Bioscience Engineering, Katholieke Universiteit Leuven, Belgium, Since October 2007; Member of the International Advisory Council of the Svalbard Global Seed Vault, Since February 2008; Member of the Executive Board of the Global Crop Diversity Trust, Since March 2009.

Address: Director General, Bioversity International Via dei Tre Denari, 472a 00057 Maccarese, Roma Italy, Tel : +3906 6118 202, Fax : +3906 6118 405

Email: e.frison@cgiar.org

Gautam Prem Lal

Fellow Elected 2007

Born in Himachal Pradesh on 12 December 1947; Educated at Higher Secondary, Punjab University Chandigarh 1964; B.Sc. (Ag.), Punjab University, Chandigarh; M.Sc. (Genetics) 1970 and Ph.D. (Genetics) from Indian Agricultural Research Institute, New Delhi, India 1974; Visiting Scientist in CIMMYT, Mexico 1979; Visiting Scientist in University of Saskatchewan, Saskatoon, Canada 1983.

Position held In India: Chairman, National Biodiversity Authority, Chennai Continuing; DDG (Crop Science), ICAR HQ, New Delhi 2007-2008; Vice Chancellor, (2 terms) Pantnagar 2002-2007; National Director, National Agricultural Technology Project, New Delhi 2000-2002; Director, National Bureau of Plant Genetic Resources, New Delhi 1997-2000; Dean, Forestry, Dr. YSP University of Horticulture & Forestry, Solan (H.P.) 1991-1997; Joint Director (Res. & Extn.), Officer-In-Charge in GBPUA&T Hill Campus, Ranichauri



1985- 1991; Assoc. Prof./SRO (Plant Breeding) GBPUA&T, Pantnagar 1979-1985; Asstt. Prof./JRO (Plant Breeding) GBPUA&T, Pantnagar in 1974-1979; Managing Director, U.A. Seeds and Tarai Development Corporation, Haldi, Pantnagar 2002-2007; Associate Director (Crop Research Centre), G.B. Pant Univ. of Agric. & Technology, Pantnagar 1979-1981.

Positions held outside India: Visiting Scientist, expert member, advisor to several International Institutions and participated in several international workshops, conferences, consultancies, advisory boards, negotiation, delegations, expert committees in several countries.

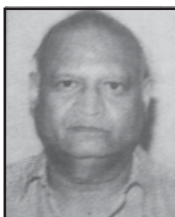
Awards: ICDA/NSERC Canadian Research Associateship Award, 1983 and 1984; Honour-Uttaranchal Ratan, 2004; Pride of Uttaranchal Bhartiya Shiromani Award; Jewel of India Award; Eminent Citizen of India Award.

Fellow: National Academy of Agricultural Sciences; Indian Society of Genetics and Plant Breeding.

Research Areas: Genetics & Plant Breeding; Plant Genetic Resources, Biodiversity.

Association with ISPGR and other societies: President of ISPGR, Secretary of ISPGR; President, Indian Society of Genetics and Plant Breeding; Member, Indian Society of Tree Scientists.

Address: Chairman, National Biodiversity Authority, Government of India, 5th Floor, TICEL Biopark, Taramani, Chennai-600113, Tamil Nadu; Tel: 044-22541805 (o); 044-22541073; Mob: 09600008853; Email:chairman@nbaindia.in; pl_gautam@yahoo.com



Gupta Rajendra

Fellow Elected 2007

Born in Ajmer, (Rajasthan) on 25 December 1934; Educated at Govt. College, Ajmer, M.Sc. 1955; Ph.D., Agra University, 1969.

Positions held: Co-ordinator, Research & Development, Plantations, Zandu Pharmaceuticals, New Delhi; Lecturer, Dravya-guna Vigyan, Jhansi,

1955-56; Systematic Botanist, Indore (M.P.) 1956-57; Minor Forest Products Officer, Dalhousie (H.P.) 1957-61; Sr. Research Officer (Gr.I) CIMAP, posted as In charge, Regional Research Station, Jammu 1961-65; H/Q Lab, Lucknow 1965-67; Northern Zonal Centre, Haldwani, Nainital 1967-70; and Southern Zonal Centre, Bangalore 1970; Project Co-ordinator, Medicinal & Aromatic Plants, ICAR at IARI and NBPGR, New Delhi 1970-94; UNIDO Consultant in Bhutan 1984-85 and Vietnam 1989 on Medicinal Plants and WHO Consultant to GOI 1989; Member Advisor, SAARC (Medicinal Plants) Sri Lanka 1995 and NARLEP, Nigeria 1998.

Awards: Sadgopal Memorial Award 1981; Fertilizer Corporation of India Award 1982; and Lifetime Achievement Award by Essential Oils Industry, 1999.

Research Areas: Medicinal and aromatic crops.

Address: Co-ordinator, R & D, Plantations, M/s Zhandu Pharmaceutical Works, Dhanwantri Bhawan, Road No. 66, Punjabi Bagh (West), New Delhi-110026, Residence: B-I/46, Pashim Vihar, New Delhi-110063, Delhi; Tel: Res. (011) 25282909; Mob: 09818860556

Gupta Ved Parkash

Fellow Elected 2007

Born in Nanoo Kalan, Pataudi, Gurgaon, (Haryana) on 29 April 1944; Educated at Higher secondary, Ramjas School No 2, New Delhi, 1961; B.Sc (Agri & A H) with several academic awards, COA, Hissar 1966; M.Sc Genetics and Ph.D., IARI, New Delhi.

Professional qualification: Short Training on the Application of Computer in Agricultural Research.

Positions held: Asst. Geneticist/ Asst Economic Botanist, 1971-75, HAU, Hisar; Associate Professor, 1976-85 and Professor, Genetics and Plant Breeding, HPKV, Palampur (HP) 1986-1997; Professor, Biometrics, Alemaya University, Ethiopia 1997-2001; Professor and Head, Dept. Plant Breeding and Genetics, HPKV, Palampur 2002-2003; Coordinator, Publication, NAAS, New Delhi 2004-2008; Chairman/ Member of several professional committees both at National & International level.



Awards: Gold Medal as First Prize in All India Students' Genetics Seminar organised by ISGPB.

Fellow: Indian society of genetics & plant breeding; Indian society of seed science & technology; Indian society of pulses research & development.

Research Areas: Biometrical genetics, germplasm enhancement & breeding in grain legumes.

Association with the ISPGR and other societies: Member and Councillor of the ISPGR; Editorial Board member and Life member of ISGPB, ISSST, ISPRD; Vice President and Editor of ISGPB.

Address: Professor, Biostatistics, University of Hawassa, Post Box No 05, Ethiopia. Off tel: 00251462209436; Res tel:00251462200444 ; Mob: 00251916023883 Email:profvpgupta@yahoo.com; profvpgupta@gmail.com



Gupta Veena

Fellow Elected 2007

Born on 2 August 1961; Educated at B. Sc. (Botany) in Delhi 1980; M.Sc. (Botany) in Delhi 1982, Ph.D. (Botany) in Delhi 1986.

Professional Qualification: Training at various US laboratories under Indo-USAID Programme.

Position Held: Scientist S-1 in AICRP on Medicinal and Aromatic Plants 1987-1994; Senior Scientist in Germplasm Conservation Div., 1994-2006 and Principal Scientist, NBPGR, New Delhi 2006-till date.

Research Areas: Biodiversity conservation; seed biology; conservation of Medicinal and Aromatic plants,

Address: Principal Scientist, Germplasm Conservation Div., National Bureau of Plant Genetic Resources, Pusa Campus, New Delhi-110012, India; Tel. (91) (11) 25849208/25849211 ext 273 Fax: 91-11-25842495. Email: veena@nbpgr.ernet.in

Hore Dipak Kumar

Fellow Elected 2007

Born in Rangpur, erstwhile (Bangladesh) on 1 May 1947; Educated at H.S.Mc. William high School, Alipurduar, Jalpaiguri, W.B. 1963; B.Sc. Burdwan University, W.B. 1967; M.Sc., North Bengal University, Darjeeling, W.B. 1970; Ph.D. Kalyani University, Nadia, W.B. 1979.



Professional qualification: National and International trainings on herbarium techniques, plant Exploration and conservation.

Position held: Research Assistant in Plant Herbarium, FRI, Dehradun; Principal Scientist (ICAR) & Officer-in-Charge, NBPGR Regional Station, Shillong, Meghalaya; President, ARS Forum, NE Region Unit, Shillong.

Awards: Received the 'Bharat Jyoti Award' in 2008 conferred by the India International Friendship Society, New Delhi.

Research Areas: Plant Taxonomy, Floristics, PGR, Agro Biodiversity Conservation, Weed Control, Medicinal Plants, IPR issues.

Association with the ISPGR and other societies: Life Member and Zonal Councillor of ISPGR during 1996-1997; Member of other five Scientific Societies within India.

Address: Principal Scientist (Retd.), NBPGR, Regional Station, Umiam, Meghalays-793103; Tel (H): 03564-253383, Mob:09436108517; Email: teesta123@rediffmail.com

Joshi Atmaram Bhairav

Honorary Fellow 2007

Born in Jabalpur, (Madhya Pradesh) on 17 November 1916; Ph.D. University of Cambridge, UK, (1950).

Position held: Deputy Director General, Indian Council of Agricultural Research, New Delhi; Director, Indian Agricultural Research Institute, New Delhi; Vice-Chancellor, Mahatma Phule Agricultural University, Rahuri; Vice-President, Maharashtra Association for the Cultivation of Science, Pune; Member, Board of



Directors, International Bureau for Plant Genetic Resources, 1974-80; Technical Advisory Committee of Consultative Group on International Agricultural Research and Board of Directors, International Potato Centre, Lima.

Awards: Borlaug Award, 1976; Padma Shri, 1976.

Fellow: Indian Academy of Sciences; Maharashtra Academy of Sciences; Indian National Science Academy (Secretary, 1973-76), National Academy of Agricultural Sciences.

Research Areas: Genetics and plant breeding, cytogenetics.

Address: President, Maharashtra Association for the Cultivation of Science (MACS), G.G. Agarkar Road, Pune- 411004, Maharashtra; 10 Aboli Apartments, 102-103 Erandawana, Law College Road, Pune-411004, Maharashtra; [Tel: Res. (020) 25654793; Off. (020) 25654357, 25653680; Fax: (020) 25651542.



Kaloo Gautam

Fellow Elected 2007

Born in Mirzapur, (U.P) India on 16 November 1944; Educated at Govt. College, Jakhii, Varanasi, 1958-62; Gorakhpur University, 1962; Banaras Hindu University, 1966-69; University of Hannover, Germany, 1978; B.Sc. 1964; M.Sc. 1966; Ph.D. 1969.

Position Held: Vice Chancellor, Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur, 2007 to date; Professor & Head, Sr. Vegetable Breeder, Vegetable Breeder and Assistant Vegetable Botanist, Haryana Agricultural University, Hisar, 1969-91; Project Director, Directorate of Vegetable Research, Varanasi, 1991-2000; Director, Indian Institute of Vegetable Research, Varanasi, 2000-01; Deputy Director General (Horticulture) 2001-2007 & Crop Science (addl. charge) 2003-2007) Indian Council of Agricultural Research, New Delhi.

Awards: ICAR Team Award, 1993; Dr. H.M. Merigowda National Academy Award, 2002; Rafi Ahmad Kidwai Award 2003; Dr. Harbhajan Singh Award, 1990; D.Sc. (h.c.), Banaras Hindu University 2004.

Fellow: Indian Society of Vegetable Science; Indian Society of Genetics and Plant Breeding.

Research Areas: Genetics, plant breeding, biotechnology of horticultural crops.

Address: Vice Chancellor, Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur (M.P.), Tel: Off. (0761) 2681706; Res. (0761) 2681809; Fax: (0761) 2681389, 2681074; Email: gkalloo_jnkvv@yahoo.co.in

Karihaloo Jawahir Lal

Fellow Elected 2007

Born in Srinagar, (Kashmir) on 24 February 1949; Educated at B. Sc. (Biology) Jammu & Kashmir University 1967; M.Sc. (Botany) Jammu & Kashmir University 1969; Ph. D. (Botany) Jammu University, Jammu 1978.



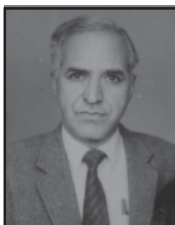
Positions held: Research Assistant in Agricultural University, Pantnagar 1970-1973; Systematic Botanist Jammu University 1974-1978; Scientist S-1 Indian Grassland and Fodder Research Institute, Jhansi 1978-1982 and Indian Institute of Horticultural Research, Bangalore, 1982-1984; Senior Scientist, Indian Institute of Horticultural Research, Bangalore 1984-1988; Principal Scientist, National Bureau of Plant Genetic Resources, New Delhi in 1988 to 1996; Project Director ICAR, NRCentre on DNA Fingerprinting, New Delhi 1996-2001; Director, National Bureau of Plant Genetic Resources, New Delhi, July 2005 to 31 January 2006; Coordinator, APAARI, Asia-Pacific Consortium on Agricultural Biotechnology, New Delhi in 1 February 2006 to date.

Awards: Rafi Ahmed Kidwai Award 2001-02 in the field of Plant Genetic Resources; Prof. V. Puri Medal (2007) of Indian Botanical Society for contribution to research in botany.

Research Areas: Plant cytogenetics, biosystematics, molecular diversity analysis and DNA fingerprinting.

Association with the ISPGR and other societies: Editor-in-Chief, Indian Journal of Plant Genetic Resources, 2003-2004; Vice-President, Indian Society of Plant Genetic Resources, 2005 to 2007; Editor, Journal of Indian Botanical Society.

Address: Coordinator Asia-Pacific Consortium on Agricultural Biotechnology (APCOAB), Asia-Pacific National Agriculture Science Complex Association of Agricultural Institutions (APAARI), Dev Prakash Shastri Marg (Near Todapur), Pusa, New Delhi-110012, India, Tel: 91-11-32472305, Fax:91-11-25841294; Email: j.karihaloo@cgiar.org



Khanna PP

Fellow Elected 2007

Born on 20 March 1935.

Position Held : Scientist, Principal Scientist and Head, Germplasm Conservation Div., NBPGR, New Delhi.

Research Areas: Conservation of PGR; seed biology

Association with the ISPGR and other societies: Founder life member of ISPGR.

Address: Principal Scientist (Retd.), E- 95, Greater Kalash Enclave- I, New Delhi – 48.



Khetarpal Ravinder Kumar

Fellow Elected 2007

Born in Lashio, (Myanmar) on 23 May 1956; Educated at B.Sc. Kurukshetra University, 1975; M. Sc. (Agric.) G.B. Pant University of Agric. & Tech., Pantnagar 1977; Ph.D. University of Paris, France 1989.

Professional qualification: Visiting Scientist (collaborative project of France, UK and Denmark) at Institute National de la Recherche Agronomique (INRA), Versailles; France at European Union from 1995-1997; Training Course on “Mushroom Production Technology” at G B Pant University of Agriculture and Technology, Pantnagar; Summer Institute on “Recent Advances in Plant Tissue Culture” at Department of Genetics, HAU, Hisar.

Positions held: Scientist, Senior Scientist, Principal Scientist & Head, Plant Quarantine Division (PQD), National Bureau of Plant Genetic Resources, India 1978-till date; Visiting Scientist in a European Union Project 1995-1997, Institut National de la Recherche Agronomique (INRA), France.

Awards: Dr KC Mehta and Manoranjan Mitra Award 2004; BB Mundkar Lecture Award 2008 by the Indian Phytopathological Society; N Prasada Memorial Lecture Award and E J Butler Centenary Lecture Award by the Indian Society of Mycology and Plant Pathology 2005; Bagged several best paper awards presented during Conferences/ Seminars/ Symposia.

Fellowships: Awarded Visiting Scientist Fellowship to work for a European Union Project at INRA, Versailles, France (from January 1995 to September 1997); Awarded French Government scholarship for doctorate degree from University of Paris, France (July 1985- October 1989).

Research Area: Plant Genetic Resources (safe exchange and pest free conservation), Biosecurity (quarantine, pest risk analysis, detection of pests, quarantine treatments, policy and regulatory issues related to compliance with SPS/WTO), Biosafety (policy issues, detection of transgenes, human resource development), Seed Certification (with reference to detection and management of seed-transmitted Viruses).

Association with the ISPGR and other societies: Member of ISPGR; Editor, IJPGR; Organising Secretary of the International Symposium on Plant Introduction Achievements and Opportunities in South Asia, February 15-17, 2005; Vice President, ISPGR (2007-2010); President, Indian Society of Plant Pathologists (2007-2009); Vice President, Plant Protection Association of India (2005-2007); Vice President, Indian Virological Society (2007-2010); Representative Asia- International Plant Virus Epidemiology Committee (2007-2010); Member, American Phytopathological Society, Indian Phytopathological Society, Indian Society for Mycology and Plant Pathology; Indian Society of Seed Technology.

Address: Principal Scientist and Head, Division of Plant Quarantine, National Bureau of Plant Genetic Resources, New Delhi-110012, Telephone: (Off) 91-11-25841457, (Res) 91-11-25835167, Mob: 09958424292; Email: ravi@nbpgr.ernet.in; kk94rk@yahoo.com



Khush Gurdev Singh

Honorary Fellow 2008

Born in Rurkee, India on 22 August 1935; Educated at Khalsa High School Bundala 1945-51; Government Agricultural College (Now Punjab Agricultural University), Ludhiana 1951-55; University of California, Davis, California 1957-60. B.Sc. 1955; Ph.D. 1960.

Position held: Adjunct Professor, University of California, Davis, California 2002 to date; Research Assistant, 1957-60, and Assistant Geneticist, 1960-67, University of California, Davis, California; Plant Breeder, 1967-72, Head, Department of Plant Breeding, 1972-86; Head, Division of Plant Breeding, Genetics and Biochemistry, 1986-2002, International Rice Research Institute (IRRI), Philippines.

Awards: Borlaug Award 1977; Japan Prize 1987; World Food Prize 1996; Rank Prize 1998; Wolf Prize 2000; Padma Shri Award 2000; Doctor of Science (h.c.) from nine universities including University of Cambridge, England and Ohio State University, USA; TAAS Swaminathan Award 2006.

Fellow: Indian National Science Academy; Indian Academy of Sciences; National Academy of Sciences, India; Third World Academy of Sciences; US National Academy of Sciences; Royal Society; National Academy of Agricultural Sciences.

Research Areas: Genetics, plant breeding and biotechnology.

Address: 39399 Blackhawk Place, Davis, CA 95616-7008, USA; Tel: Res. (+1-530) 750-2440; Fax: (+1-530) 750-2440; Email: gurdev@khush.org



Kochhar Sudhir

Fellow Elected 2007

Born in Batala, (Punjab), India on 1 December 1952; Educated at Ph.D. (Plant Breeding) PAU, Ludhiana 1979 (First in Uni. ICAR Senior Fellowship); M.Sc. (Plant Breeding) PAU, Ludhiana 1974 (First in Uni.; University Merit Scholarship); B.Sc. (Biology) Govt. College, Gurdaspur (GND Univ. Amritsar) 1972; (National Merit Scholarship since Matriculation), Pre

Medical from DAV College Amritsar (PU, Chandigarh), (First Division); Matric from Govt. High School, Dalhousie (PU Chandigarh), (First in Distt., 7th in Himachal State).

Professional qualification: Certificates in IPR from WIPO, Geneva and ILI, New Delhi ; IPR Graduation Course from STEM; Group Training Course in Plant Breeders' Rights from Tsukuba, Japan; Middle Level Management Course in IPR in Agric. from IIM Ahmadabad; 4th International Course on Plant Variety Protection from PRI, Wageningen, The Netherlands; Courses in Computer Orientation and Database Management at IASRI and NBPGR, New Delhi; Training in PGR Conservation, Management and Use from UC, Davis, USA.

Positions held: All Cadres in ARS from Scientist to Principal Scientist at various ICAR institutes (VPKAS, Almora (1978-1981); NDRI, Karnal (1981-1984); NBPGR Regional Station, Shimla (1984; 2.5.months); ICAR Res. Complex for NEH Region, AP Centre, Basar (Arunachal Pradesh) (1984-1990); NBPGR, New Delhi (1990-2001); ICAR HQ, New Delhi (2001-cond); Project Coordinator (Underutilized Crops)/Actg. (1996-97); Asstt. Director General (IPR)/Actg. (2002-03); Counsellor in High Commission of India, Port Louis (3 months) (2001-02) (as ITEC Consultant to Govt of Mauritius on revision of Plant Act, 1976 of Mauritius).

Awards: Member, NBA Committee on Determination of Benefit Sharing; Member, Varietal Identification Committee, Arunachal Pradesh; Member, Editorial Board, Journal of Intellectual Property Rights; Councillor, Society for Genetics and Plant Breeding for North East India.

Fellowships: ICAR Senior Fellowship in Ph.D. (1974-1978); ASPEE Senior Fellowship (Awarded but not availed), University Merit Scholarship, PAU in M.Sc. (1972-1974); National Merit Scholarship (on Matric Result – 7th in State, till Graduation) (1968-1972); Merit Scholarship (on Middle Standard Result- Topper till Matric) (1966-1968).

Research Areas: Forest Biomass/Forages and Grasses; Minor Millets, Bamboos, Upland Paddy, Underutilized Crops and Minor Legumes; Crop Improvement, PGR Management, IPR.

Association with the ISPGR & other societies: Life Member ISPGR, Editorial Member; ISPGR; Fellow and Life Member of ISPBG; Crop Improvement Society of India, Legume Research; Association of North East Scientists; Sikkim Science Society; Alumni of JICA (India) Chapter.

Address: Principal Scientist (Plant Breeding/IPR), Indian Council of Agricultural Research (ICAR), Room No. 322, Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi- 110114, India, Phone: 011-23782600 (O); 011-47590565 (R); Mob: 09810809255; E-mail: skochhar2000@hotmail.com, skochhar.icar@nic.in



Koppar MN

Fellow Elected 2007

Born in Dharwar, Karnataka on 18 June 1937.

Position Held: Scientist, Principal Scientist Head, Exploration Division, NBPGR, New Delhi;

Research Areas: Exploration and Collection of Germplasm; PGR

Association with ISPGR and other societies: Founder Life member of ISPGR

Address: Principal Scientist (Retd.), EA-221, SFS, Hari Nagar, New Delhi - 64



Marie Engels Johannes Martinus

Fellow Elected 2007

Born in Helden, (The Netherlands) 11 November 1948; Educated at 1961-1967 'Blariacum College' high school, Blerick 1967-1974; Wageningen Agricultural University, The Netherlands; Ingenieurs (M.Sc.) with specialization in plant breeding (including genetics, agronomy, horticulture, and didactics phytopathology) and pedagogic 1986, Agricultural University, Wageningen; Doctoral exam (Ph.D.) in plant breeding/ plant taxonomy Agricultural University, Wageningen, The Netherlands 1986.

Professional qualification: Agricultural engineer (equivalent of MSc), University of Wageningen, The Netherlands.

Positions held: GTZ project “International Genetic Resources Centre” at the Tropical Agricultural Research and Education Centre (CATIE), Turrialba, Costa Rica; Project Manager, GTZ project “International Plant Genetic Resources Centre/Ethiopia”, Addis Ababa, Ethiopia; IBPGR, Coordinator for South and Southeast Asia, New Delhi, India and International Plant Genetic Resources Institute (IPGRI), Rome, Italy (formerly IBPGR); Group Director, Germplasm Maintenance and Use (GMU); Interim Director, Commodities for Livelihoods Programme of Bioversity (based in Montpellier, France) International Plant Genetic Resources Institute (IPGRI; since 2006 Bioversity International), Rome, Italy.

Research Areas: Development and testing of descriptor lists (cacao, cassava, Cucurbita spp, Capsicum spp, Chayote, Phaseolus spp, several tropical fruit species genetic studies of cacao characters (experimental work); numerical taxonomic research in cacao (experimental work) study of barley landraces (experimental work); genetic diversity studies (experimental work); study of agricultural systems of isolated tribes (experimental and descriptive); coordination of global project on ultra-dry seeds (experimental work); Design, development and supervision of the implementation of a global project on cacao conservation and use.

Association with ISPGR and other societies: Life member ISPGR; associated with Society of Economic Botany; Botanical Society of America.

Address:- Genetic Resources Management Advisor and Coordinator of AEGIS and of Cacao Net, Bioversity International Via dei Tre Denari, 472/a00057, Maccarese, Rome, Italy, Telephone: (39) 0661181222, Fax: (39) 061979661; Email: j.engels@cgiar.org

Mathur Prem Narain

Fellow Elected 2007

Born in Jaipur (Rajasthan) on 26 June 1949; Educated at B.Sc. Maharaja's College, Rajasthan University, Jaipur, 1970; M.Sc. (Plant Breeding and Genetics) Rajasthan College of Agriculture, University of Udaipur, Udaipur, 1973; D.I.I.T. (Post Graduate Diploma) Indian



Institute of Technology, Kharagpur, West Bengal 1974;
Ph.D. (Plant Breeding & Genetics) Rajasthan College
of Agriculture, University of Udaipur, Udaipur 1978.

Professional qualification and training attended:

Post-Doctoral Fellow Oxford Forestry Institute, Oxford
University, Oxford, UK. 1988. attended several national
and international trainings on forestry, computer skills,
HRD, Geographical Information System (GIS) using
ARC/INFO and ARCVIEW.

Position Held: South Asia coordinator and Senior
Scientist, Bioversity International, Office for South Asia,
New Delhi, India 1 January 2008 to Continue; Scientist,
Crop Diversity for Pest and Disease management;
Global Project Coordinator, Bioversity International,
Rome, Italy 2004-2005; South Asia Associate
Coordinator, Bioversity International, Office for South
Asia, New Delhi, India 1995-2004; Principal Scientist
(Plant Breeding) 1998-2000; Senior Scientist (Plant
Breeding) 1986-1998; Scientist S-2 (Plant Breeding),
NBPGR, New Delhi, India 1985-1986; Scientist, S-2
(Plant Breeding) 1983-1985; Scientist, S-1 (Plant
Breeding) Indian Grassland and Fodder Research
Institute (IGFRI), Jhansi, India 1977-1983.

Fellowship: Commonwealth fellowship for one year
to work as Post-Doctoral Research Fellow at Oxford
Forestry Institute, University of Oxford, Oxford, U.K;
Bioversity International consultancy to develop UNEP-
GEF proposal on "Conservation and use of crop
genetic diversity to control pests and diseases in
support of sustainable agriculture"; JICA consultancy
as specialist on Plant Genetic Resources
Conservation and Management at Plant Genetic
Resources Centre, Peradeniya, Sri Lanka; Junior
Research Fellowship for Ph.D. from the University
Grants Commission, New Delhi for Ph.D.; Rajasthan
Government merit fellowship for Ph.D. in Agriculture;
Merit fellowship for Post-graduate study (D.I.I.T.) in
Applied Botany.

Research Areas: PGR, data management,
developed, coordinated, monitored several
international projects related to plant genetic
resources management.

Address: South Asia Coordinator, Bioversity South
International, Office for South Asia NASC Complex,
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11-25849000 Home: +91-11-25071720 Mobile:
9811167404; E-Mail: p.mathur@cgiar.org

Mauria Shashank

Fellow Elected 2007

Born in Delhi on 21 September 1956; Educated at CBSE, Delhi- higher sec. 1972; B.Sc. (Botany Hons.), Delhi University 1975; M.Sc. (Botany) Delhi Univ. 1977; M.Sc. (Conservation & Utilization of Plant Genetic Resources), Univ. of Birmingham 1990; Ph.D. (Genetics), IARI, New Delhi 1998; LL.B. Delhi University 2003.



Professional qualification: attended several national and international courses, trainings, workshops, expert groups in several countries.

Positions held: ADG (IPR and Policy (1.12.2005 - till date), ARS scientist since 11.08.1978.

Fellowships: FAO Fellowship 1989-90 for M.Sc. programme at University of Birmingham, ICAR; Sr. Research Fellowship for Ph.D. program - 1994-97.

Research Areas: Pastureland development and management issues; policy dimensions in germplasm-seed-crop-biotechnology-IPRs-Technology management.

Association with the ISPGR and other societies: Life member of ISPGR; associated with Indian Society of Genetics and Plant Breeding and Indian Society of Seed Technology.

Address: Assistant Director General (Intellectual Property and Technology Management), ICAR, Krishi Bhawan, New Delhi, Tel (O) -011-23070635, (R)-+26254324, 26262405; Mob: +919818063450.

Mengesha Melak H

Fellow Elected 2007

Position Held: Head, Genetic Resources Unit, ICRISAT, Hyderabad

Research Areas: Characterization and evaluation of semi-arid crops; Plant Genetic Resources

Association with ISPGR and other societies: Founder Life member of ISPGR

Address: Head (Retd.), Genetic Resources Unit, ICRISAT, Patancheru, Hyderabad.



Mithal SK

Fellow Elected 2007

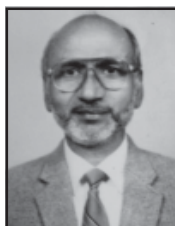
Born in 1938.

Position Held: Research Assistant at C.P.R.I., Shimla 1962-1965 and IARI, Shimla 1969-1974; Principal Scientist and Head of the Germplasm Evaluation Division, NBPGR, New Delhi till 1998.

Professional Qualification: Attended FAO seminar on exploration, maintenance and utilization of genetic resources in Russia 1971; International short training course, on evaluation, utilization, data preparation and management organized by IBPGR at University of Birmingham, U.K. 1982; Visited CIMMYT, Mexico for germplasm development and exchange 1987; Attended International Symposium on evaluation and utilization of genetic resources in wheat improvement at ICARDA, Aleppo, Syria 1989; Visited different stations of plant genetic resources importance in USA under INDO-USAID PGR Project 1995.

Research Area: Exploration, evaluation, maintenance and multiplication of various agri-horticultural crops; PGR.

Address: Principal Scientist (Retd.), RZ-D-3/18, Vinod Puri, New Delhi- 110 045



Nath Ram

Fellow Elected 2007

Born in Balde, (UP) on 10 Feb 1939; Educated at High School 1954; Intermediate, 1956; B.Sc. (Agra University), 1958; M.Sc. (Botany) Agra University, 1960.

Professional Qualification: Advance Training course Seed Pathology, ICRA in Danish Govt. Institute of Seed Pathology for Developing Countries, Denmark, 1967 to 1969; Summer Institute Plant Bacteriology in Division of Mycology and Plant Pathology, 1972.

Position Held: Research Assistant 1960; Assistant Plant Pathologist, 1970 to 1972; Jr. Plant Pathologist (S1), 1972 to 1976; Scientist S-2, 1976 to 1982; Scientist S-3 (Principal Scientist) 1983 to 1999.

Research Areas: Plant Pathology, Seed Pathology and Plant Quarantine.

Association with ISPGR and other Societies:

Founder life Member of the Society; Life member of Indian Physiological Society, Treasurer of Society; Member and Editor, Association of Plant Pathologists of India, Hyderabad.

Address: Retired Head, Plant Quarantine Division, NBPGR, Delhi-110 012, Residence: B-102, Sagar Sadan (Sagar Cooperative Group Housing Society), Plat No- 113, Indraprastha Extension, Patparganj, Delhi-110012; Tel- 22230720.

Pandey Anjula**Fellow Elected 2007**

Born in Uttaranchal on 08 October 1960; Educated at Hr. Secondary (Science) from CBSC 1976 ; B.Sc. (Botany) from Delhi University, Delhi 1980; M.Sc (Botany) Delhi University, Delhi in 1982; Ph.D. (Botany) from Delhi University, Delhi in 1999.



Professional Qualification: Attended International trainings during Visiting Scientist under Indo-USAID: visited herbaria (Beltsville, New York Botanical Gardens, Fortcollins, California- Davis, Arnold Arboretum, Missoure Botanical Gardens etc.) at United States of America and got wide exposure to various techniques 1993;

Positions held: Scientist, Sr. Scientist and Principal Scientist at NBPGR, New Delhi.

Research Areas: Plant Genetic Resources, Taxonomy and Systematics; Etnobotany.

Association with the ISPGR and other societies: IJPGR Editor (2004-06); associated with Ethnobotany society.

Address : Division of Plant Exploration and Germplasm Collection, National Bureau of Plant Genetic Resources (NBPGR), New Delhi-110 012. Tel: 2528601; Email: anjula@nbpgr.ernet.in



Paroda Rajendra Singh

Fellow Elected 2007

Born in Ajmer (Rajasthan) India on 28 August 1942; Educated at B.Sc. (Ag.) 1962 and M.Sc. (Ag.) 1964 Plant Breeding & Genetics at University of Rajasthan, Jaipur; Ph.D. (Genetics) in Indian Agricultural Research Institute (IARI), New Delhi, 1968;

Professional Qualifications: Post-doctoral Training (Plant Breeding & Genetics) in University of Wales, Aberystwyth, U.K. (On Commonwealth Scholarship) 1968-70; D.Sc. (Honour is cause) Science, C.S. Azad University of Agriculture & Technology, Kanpur 1993, G.B. Pant University of Agriculture & Technology, Pantnagar 1996; Assam Agri. University, Jorhat 1997; Tamil Nadu Agricultural University, Coimbatore 1998; Acharya N.G. Ranga Agril. University, Hyderabad 1998; Banaras Hindu University, Varanasi 2000; Ohio State University, Columbus, USA 2000; Maharana Pratap University of Agriculture and Technology, Udaipur 2003; VBP University of Agriculture, Meerut 2003; D.Sc. (Honorary Degree) Science in Scientific Council of Agricultural Academy, Ministry of Education, Republic of Azerbaijan 2004.

Positions Held: Forage Breeder in Haryana Agricultural University, Hisar, Project Coordinator (Forage Crops) in All India Coordinated Project on Forage Crops, New Delhi; Head, Division of Plant Studies, Central Arid Zone Research Institute, Jodhpur; Professor and Head, Department of Plant Breeding in Haryana Agricultural University, Hisar 1979-83. Director, NBPGR; Deputy Director General (Crop Sciences), ICAR; Regional Plant Production and Protection Officer, FAO; Secretary, DARE & Director General, ICAR; Head and Regional Coordinator, CGIAR Collaborative Research Program for CAC, Uzbekistan; Assistant Director General, ICARDA, Syria.

Award and Honors: Received several national and international awards and honors including Padam Bhushan 1998; Norman E. Barlaug Award, 2006; B.P. Pal Memorial Award and the Gold Medal 2003; Gold Medal for Excellence in Science, by the Prime Minister of India in the Indian Science Congress, 2006; Gold Medal from Ministry of Agriculture, Armenia 2006; Dr. Harbhajan Singh Memorial Award, 2001; Om Prakash Bhasin Award

1992; World Food Day Award, by FAO 1995; Honorary membership of American Societies; Rajendra S Paroda Gene Bank by ICRISAT Board of Trustees.

Fellow: Elected as General President of the *Indian Science Congress (2000-2001)*; Elected fellow of the *Third World Academy of Sciences (TWAS)*; 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; President of the *National Academy of Agricultural Sciences (NAAS)*, New Delhi for the period 1997-2000. Also served as its Vice-President on its Executive Committee; Elected Fellow of the *Indian National Science Academy (FNA)*, New Delhi in 1986; Elected Fellow of the Indian Academy of Sciences, Allahabad in 1988; Fellow of the *Indian Society of Genetics and Plant Breeding* since 1969; Elected Fellow of the *Crop Improvement Society of India* in 1993; Elected Honorary Fellow of the *Seed Association of India (SAI)* in 1988;

Association with ISPGR and other societies : Elected President of Indian Society of Plant Genetic Resources (1987-92) and (1995-97); Indian Society of Genetics and Plant Breeding (1985-88) and several other societies

Present Address: Chairman, Trust for Advancement of Agricultural Sciences (TAAS), Avenue-II, IARI, Pusa Campus, New Delhi-110012; Tel: 65437870; Res: 27876525, Mob: 9810191486; Email: raj.paroda@yahoo.com; taasiari@yahoo.co.in

Rai Mangala

Fellow Elected 2007

Born in (Ghazipur), India, on 30 June 1947; B.Sc. (Ag.) Gorakhpur University, 1967; M.Sc. (Ag.) 1969; Ph.D., Banaras Hindu University 1973.

Position held: Secretary, GOI, Department of Agricultural Research and Education (DARE) & DG, ICAR, 2003 to date; Member, Governing Board of ICRISAT; IRRI Board of Trustees; Policy Advisory Council of ACIAR; Executive Council of CGIAR and CGIAR Representative on the Executive Board of



Global Crop Diversity Trust. Junior Plant Breeder, R.B.S. College, Agra, 1973-75; Scientist (S-1/S-2), Central Soil Salinity Research Institute, 1975-78; Plant Breeder-cum-Reader, Orissa University of Agriculture and Technology, Bhubaneswar 1978-81; Project Coordinator (Linseed) 1981-86, OSD (Technology Mission and Oilseeds) 1986-88; Assistant Director General (Seeds) 1988-94; Assistant Director General (Policy & Perspective Planning) 1994-97 and Deputy Director General (Crop Sciences), ICAR 1997-2003.

Awards: D.Sc. (h.c.) from 12 universities including BHU, Varanasi; GBPUAT, Pantnagar; CSUAT, Kanpur and IARI, New Delhi.

Research Areas: Genetics and plant breeding.

Address: Secretary, DARE & Director General, Indian Council of Agricultural Research, Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi 110114, Delhi; A-I, NASC Complex, New Delhi 110012, Delhi; Tel: Off. (011) 23382629, 23386711; Res. (011) 25843301; Fax: (011) 23384773; Email: mrarai@icar.nic.in



Rai Mathura

Fellow Elected, 2007

Born in Kushinagar, Uttar Pradesh, India on 15 January 1948; Educated at Gorakhpur University, Gorakhpur 1967-1970, Kanpur University, Kanpur 1970-72 and CSAUA&T, Kanpur 1972-1978; B.Sc. 1970; M.Sc. 1972; Ph.D. 1978.

Position held: Director, Indian Institute of Vegetable Research, Varanasi, 2003 to date; Scientist, 1977-1981; Scientist S-1, 1981-1983; Scientist S-2, 1983-1985, and Senior Scientist, 1985-1988, ICAR Research Complex, NEH Region, Shillong; Senior Scientist, 1988-1996, NBPGR, New Delhi; Principal Scientist & Head, 1996-2001, CHES, Ranchi; Principal Scientist & Head, 2001-2003, HARP, Ranchi (ICAR Res. Complex for Eastern Region, Patna); OSD, 2001-2005, National Research Centre for Litchi, Muzaffarpur.

Awards: ICAR Outstanding Multidisciplinary Team Research Award, 2004; Harbhajan Singh Award 2005; S.Z. Quasim Medal, 2006; Hari Krishna Shastry Award, 2007; Member of Several Central/State level

professional committees; Consultant: Task Force, Technical Advisory Group, PPV and FR Authority;

Fellow: Indian Society of Vegetable Science, Bioed Research Society, National Academy of Agricultural Sciences, India.

Research Areas: Vegetable and fruit breeding and genetics.

Association with ISPGR and other societies: Life member ISPGR; President, Horticultural Society of Chhotanagpur; Secretary, Indian Society of Vegetable Science;

Address: Director, Indian Institute of Vegetable Research, PB# 01, PO-Shahansahapur (Jakhini), Varanasi 221305, U.P., Tel: Off. (0542) 2635247/37, Res. (05443) 229007, Mob: 09450786967.

Rajaram Sanjaya

Honorary Fellow 2008

Born in Varanasi, India on 10 February 1943; Educated at College of Jaunpur (B.Sc.), U.P. 1962; M.Sc. Indian Agricultural Research Institute, 1965; Ph.D. University of Sydney, 1968; Post Doctoral Fellow, CIMMYT, 1969-72.



Position held: Director, Integrated Gene Management, ICARDA, 2005 to date; Director, Wheat Program, 1996-2002; Wheat Breeder, 1973-2006.

Awards: Order of Quetzal, Guatemala 1988; CGIAR King Baudouin Award 1988; International Service in Agronomy, USA 1992; International Service in Crop Science Award, USA 1992; Borlaug Award 1995; E.C. Stakman Award, USA 1993; CIMMYT Distinguished Scientist 1997; The Friendship Award, China 1998; Rassk Prize Award, UK 1998; Jindeng (Golden Summit) Award, Government of Sichuan, China 2000; Monsanto Crop Science Distinguished Career Award, Crop Science Society of America 2001; Crawford Fund Direk Tribble Award, Austria 2001; Padma Shri 2001; Centeotl Award, Coordinacion Nacional de Fundacion, Mexico 2003; Crop Science Society Presidential Award 2004; Khwarizmi International Award, Govt. of Iran 2004.

Fellow: Crop Science Society of America; Agronomy Society of America; Academician, Kazakstan Academy of Agricultural Sciences; Academician, Ukrainian Academy of Agricultural Sciences; Indian Society of Plant Genetic Resources; National Academy of Sciences, India, National Academy of Agricultural Sciences, India.

Research Areas: Plant breeding, plant pathology

Address: Director, Integrated Gene Management Program (MP2), ICARDA, P.O. Box 5466, Aleppo, Syria; Calle Paris 186, Jardines de Bellavista, Tlalnepantla, Edode Mexico; Tel: Off. 963-21-2213433; Res. 52-55-26280850; Fax: 963-21-2213490; Email: s.rajaram@cgiar.org



Rana JC

Fellow Elected 2008

Born in Harsi (Himachal Pradesh) on 23 January 1963; Educated at High School in HP Board of School education 1978; B.Sc. Ag. (Hons) in Agra University 1983; M. Sc (Ag) (Plant Breeding & Genetic) HPKV, Palampur 1986; Ph.D (Plant Breeding & Genetic) HPKV, Palampur,

Professional qualification: PG Diploma in HRDM Human (Resource Dev. & Management) in IGNOU, New Delhi 1998; PG Diploma on Environmental Sci. (Environment management) in IGNOU, New Delhi 2001; Post Doctorate Fellowship (Molecular Plant Breeding with special reference to PCR Technology) in SCAU, Guangzhou, China 2003.

Positions held: Research Associate – CSKHPKV Palampur, Scientist Fellow- IHBT (CSIR), Palampur, Scientist – NBPGR, Pusa campus, New Delhi.

Awards: ICAR-UNDP Fellowship for Post Graduation.

Fellowships: Post Doctorate Fellowship, SCAU, Guangzhou, China, ICAR-NARC visiting fellowship to Nepal.

Research Areas: *In-situ* (on-farm) and *ex-situ* management of PGR, Impact of climate change on plant biodiversity.

Association with the ISPGR and other Societies: Life member, Indian Society of Genetics and Plant Breeding, Indian Society of Pulses Research, Indian Society of Temperate fruits.

Address: Senior Scientist, National Bureau of Plant Genetic Resources Regional Station, Shimla, – 1710 004 (HP). Phone: 91-0177-2835459 (O), 91-0177-2835453 (FAX) 91-094181-04185 (Mob); Email: ranajc2003@yahoo.com; headnbpgr@dataone.in

Rana Rai Singh

Fellow Elected 2007

Born in Sonapat, (Haryana) on 6 November, 1936; Educated at B.Sc. (Hons) Agri, 1956; Assoc. IARI 1959; Ph.D. IARI 1963.

Professional qualification: Training on Molecular Biology at Tata Institute of Fundamental Research, Mumbai 1964.

Positions held : Director, National Bureau of Plant Genetic Resources, New Delhi, 1989-1995; Professor of Eminence, ICAR, CSSRI, 1983-1989; National Fellow, ICAR, CSSRI, 1980-1983, Head, Genetics & Plant Physiology Division, CSSRI, Karnal, 1974-1980. Cytologist, IARI, New Delhi, 1968-1974; Cytogeneticist (Jr), IARI, New Delhi, 1966-1968.

Awards: IARI Jubilee Award 1957-58; British Council Award 1968-69; National Professor of Eminence Award, ICAR 1985; Fellow Award, ICAR 1980.

Fellow: National Academy of Sciences, India.

Research Areas: Plant Adaptation to Stress Environments; Conservation & Sustainable Use of Bioresources; Access to Bioresources and Benefit Sharing.

Address: D43, Indraprastha Apts, Sector 14, Rohini, New Delhi – 110 085, Phone: 011-27860123; Mob: 9899232409; E-mail: rairana@vsnl.net



Rathore DS

Fellow Elected 2007

Born in Allahabad on 5 July 1942; Educated at High School and Intermediate from U. P. Board, Allahabad 1957-1959; B.Sc. (Ag.) and M.Sc. (Ag.) from Agra University 1961-1964; Ph.D. from Agra University 1972.



Professional Qualifications: Undertaken several training Course on PGR at national and international level.

Positions held: Research Assistant, Senior Research, IARI, New Delhi 1965-1973; Junior Horticulturist, Scientist (S-1), Scientist (S-2) IARI-NBPGR, Regional Station, Phagli, Shimla 1973-1982; Scientist (S-3) and Principal Scientist, NBPGR, Regional Station, Phagli, Shimla 1983-1991; Director, Horticulture & Food Processing (Hills), Chaubattia Ranikhet, Uttar Pradesh 1992-1995; Additional Charge of Project Coordinator, AICRP (Sub- Tropical Fruits), CISH, Lucknow 1995-1999; Assistant Director General (Hort.), ICAR, New Delhi 1999-2002; Dean, College of Hort. & Forestry, CAU, Pasighat, Arunachal Pradesh 2002-2005; Vice-Chancellor, CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur, HP 2005-2007.

Research Areas: Plant Genetic Resources of Horticulture Crops.

Address: Flat P, J 1/63 Gupta Colony, Khirki Extension Malviya Nagar, New Delhi-17 Tel: 011-29543198 (Res.), Mob: 09953496874.



Rethinam Ponnih

Fellow Elected 2008

Born in Madurai, Tamil Nadu, India on 01 July 1942; Educated at PUC – American College, Madurai 1958; SSLC – St Mary's High School Madurai 1959, Pre-Professional, St. Xaviers College Tirunelveli, 1960; BSc (Ag), AC&RI, TNAU, Coimbatore, 1963; MSc (Agronomy), AC&RI, Madras University 1971; Ph.D. (Agronomy.) AC&RI, Madurai Kamaraj University 1978.

Positions held: Executive Director, Asian & Pacific Coconut Community, Jakarta, Indonesia (2002 – 2006); Chairman, Coconut Development Board, GOI, Kochi, Kerala (2000–2002); Director, NRC Oil Palm (ICAR) 1995-2000; Asst. Director General, Plantation Crops 1988-1995; Project Co-ordinator, AICRP Palms, CPCRI, Kasaragod, Kerala; Scientist S2, Agronomy CPCRI, Kasaragod; Scientist S1 Agronomy, Sugarcane Breeding Inst, Coimbatore; Asst Prof, Agronomy TNAU, Coimbatore; Research Asst. Agronomy AC&RI, Coimbatore.

Awards: Lt. Amit Singh Memorial Foundation Award; Dr H. Mari Gowda National Award 2008; Life Time Achievement Award “Athyuthama Udayana Vignana Bharati” of Andhra Pradesh; Kalpa Vriksha award of the Global Coconut Research and Development 2007; Konda Reddy Rolling Shield and Gold Medal for Outstanding Research work in Agronomy (1973 74) ACRI, Tamil Nadu Agricultural University, Coimbatore; Dr. Nathaniel Gold Medal for the best Ph.D. Thesis in Agronomy at Tamil Nadu Agricultural University, Coimbatore, India.

Fellow: Indian Society for Plantation Crops (ISPC); Indian Horticulture Society (HIS); Association for the Improvement in Production & Utilization of Banana (AIPUB).

Research Areas: Introduction & Evaluation of Germplasm of Oil Palm, Varietals evaluation & release in Palms; Palm based cropping systems; integrated nutrient, Water & Weed management, Integrated Pest and Disease Management.

Association with the ISPGR and other societies: Life Member, ISPGR; Founder & President, Society for Promotion of Oil Palm Research & Development (SOPOPRAD); Executive Member, Indian Horticulture Society; Former President, Indian Society for Plantation Crops; Executive Member, Association for the Improvement in Production & utilization of Banana (AIPUB).

Address: No.18, Lakshmi Nagar, S. N. Palayam, Coimbatore – 641 007, TN, India, Mob: 094437 51386; 0422 2430832; E.Mail: Palms02@hotmail.com or Palms002@yahoo.com

Sapra RL

Fellow Elected 2007

Born in Jhajjar (Haryana) on 04 December 1951; Educated at - Higher Secondary Punjab University, Chandigarh, 1970; B.Sc. Punjab University, Chandigarh, 1973; M.Sc. (Ag Stats.) IARI, New Delhi, 1976; PhD Dr. B.R. Ambedkar University, Agra, 1999.

Professional qualification: Attended Training on PGR: Documentation and Information Management Organized by IBPGR, at Maryland, USA in 1986;



Attended a 4 months training on Database Management, designing and Application organized by GRIN unit, USDA, Maryland, USA in 1992.

Positions held: Scientist S-1, Jan. 1979 to Dec. 1985; Senior Scientist, Jan 1986 to July, 1998; Principal Scientist, July 1998 –till date.

Fellowships: Merit Scholarship holder during B.Sc., M.Sc. and Ph.D.

Research Areas: Database Management of Plant Genetic Resources, Germplasm Sampling, Longevity Models and Diversity Analysis.

Association with the ISPGR and other Societies: Life Member, Life Member of Indian Society of Agricultural Statistics.

Address: 158, Sainik Vihar, Pitampura, New Delhi-34; Office: Pulse Research Lab, Division of Genetics, IARI, Pusa New Delhi-12, Tel. 011 -25841481(O), Email: saprarl@gmail.com



Saxena Rajender Kumar

Fellow Elected 2007

Born in Gwalior on 24 May 1940; Educated at B.Sc. (Ag) M.B. College of Agriculture Gwalior 1961; M.Sc. (Ag) R.A.K. Agriculture college 1965; Ph. D. IARI, Delhi 1979.

Professional Qualification: Training course on Genetic Evaluation, Utilization at IRRI, 1986; Associate ship of IRRI in Genetic Resources conservation and management Philippines 1986.

Positions held: Head, Germplasm Conservation Division, NBPGR, New Delhi.

Research Areas: Evaluation utilization of Horticultural crops, Seed storage under different condition.

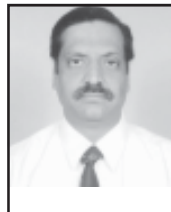
Association with the ISPGR and other societies: North Zone, councillor; treasurer, life Member of ISPGR and member of other Indian Societies.

Address: HL- 30, L Block, Anand Vihar, Hari Nager, New Delhi- 110064.

Saxena Sanjeev

Fellow Elected 2007

Born in Bareilly, Uttar Pradesh, India on 7 March 1959; Educated at H.S.C in Sardar Patel Vidhyalaya, New Delhi 1976; B.Sc. Botany (Hons) University of Hans Raj College, University of Delhi in 1979; M.Sc (Plant Physiology) Indian Agricultural Research Institute, New Delhi 1981; Ph.D. Indian Agricultural Research Institute, New Delhi 1987.



Professional qualification: General Course on Intellectual Property (93%), Institute of Online course WIPO Worldwide Academy; Three months online certificate course IPRS & Information Technology in the Internet Age (Grade A), Institute of Indian Law Institute (Deemed University), New Delhi; Seed Industry Program Traits-Markets-Growth-leadership Cornell University, US (Hyderabad Cornell in India and Sathguru); Harnessing IP for Strategic Competitive and Collaborative Advantage (IIM, Ahmadabad); Graduate Course in IP Management and Transfer Technology, Ooty (Society for Technology Management (STEM), Hyderabad; Harnessing Intellectual Property for Strategic Competitive Advantage (IIM, Ahmadabad).

Position Held: Scientist, National Centre for Mushroom Research and Training, Chambaghat, Solan, 1985-1992; Scientist Sr. Scale, 1992-1998; Senior Scientist, 1998-2006; Principal Scientist, Germplasm Conservation Division, NBPGR, Pusa Campus, New Delhi, 2006-2007; Principal Scientist, IPR & Policy Section, ICAR, 2007 to till date; Chief Innovation Officer on Deputation, National Innovation Foundation, (NIF) autonomous institute under DST, Ahmadabad 2002-2003.

Fellowships: UNDP (IARI), Senior Research Fellowship for Ph. D (1981-1985); ICAR, Junior Research Fellowship for M.Sc. (1979-1981).

Fellow: Indian Society for Plant Physiology (2001).

Research Areas: Plant Genetic Resources Management and IPR.

Association with the ISPGR and other societies: Life Member, Joint Secretary (1998 – 2002); Member,

Editorial Board, Indian Journal of Plant Genetic Resources (1996 – 2002); Life Member and Fellow of Indian Society for Plant Physiology; Eco Transformation Society Member, Editorial Board, Eco Dimensions (1996-98), Mushroom Society of India; Life member and Editor, Mushroom Research (1991-92); Member, IIM, Ahmadabad, Alumni Association.

Address: Principal Scientist, IPR and Policy Section, Room No- 410A, ICAR, Krishi Bhavan, Dr. Rajendra Prasad Road, New Delhi- 110114; Phone: 011-23382716; Fax: 011-23070635; 23387293; Res: 011-27444438; Mobile: 09810361062; Email: ssaxena.icar@nic.in



Seetharam A

Fellow Elected 2007

Born in Harohally Village, Bangalore District, (Karnataka) on 03 June 1943; Educated at B.Sc. (Agri.), Mysore University 1963; M.Sc. (Agri.), Karnataka University 1965; Ph.D., IARI, New Delhi 1969.

Positions held: Scientific Pool Officer, CSIR, 1970; Assistant Cytogeneticist, UAS, Bangalore, 1970-1972; Geneticist (Sunflower), UAS, Bangalore, 1972-1979; Scientist (S3), Associate Project Coordinator, (Minor Millets and Genetic Resources), ICAR, 1979 -1984; Scientist (S4), Project Coordinator (Small Millets), ICAR, 1984-1985; Principal Scientist and Project Coordinator (Small Millets), ICAR, 1985-2003.

Awards: Dr H.B. Singh Memorial Award, ISPGR, New Delhi; Distinguished Alumni, University of Agricultural Sciences, Bangalore; Om Pakash Bhasin Foundation Research Award, New Delhi; Best Research Paper Award, Indian Society of Plant Pathologists 1998; Chairman, International Small Millets Steering Committee 1986-1991; Best Research Paper Award, Indian Society of Seed Science and Technology, New Delhi 1983; Citation Association of Teachers of University of Agricultural Sciences, Bangalore 1982; R.D. Asana Endowment Award ICAR, for outstanding Research in Plant Breeding and Genetics for Triennium 1977-80.

Fellow: National Academy of Agricultural Sciences; Indian Society of Genetics and Plant Breeding, New

Delhi; Indian Society of Oilseeds Research, Hyderabad.

Research Areas: Distant Hybridization Induced Mutagenesis, Breeding of Oilseeds and Millets, and Genetic Resources.

Association with the ISPGR and other societies: Life member and Councillor for Southern Zone ISPGR and Joint secretary, Millets Workers association of India.

Address: Emeritus Scientist 31, C.R.Layout, Sarakki Main Road, J.P.Nagar, Phase I, Bangalore-560078, Tel: 080-26653092; Mob:09880483696; Email: annada.seetharam@ gmail.com; annadanasram@rediff.com

Sharma Balram

Fellow Elected 2008

Born in village Andhyari, Dist. Bharatpur, (Rajasthan) on 7 September 1940; Educated at High School 1953; Intermediate, U.P. Board of Education, Allahabad 1956; B. Sc. Agra Agriculture University, Agra 1958; M.Sc. Agriculture (Horticulture) Agra University 1960; Ph.D. (Genetics) Timiryazev Academy of Agriculture, Moscow, 1965; USSR, Grade “Excellent” in examinations.



Professional Qualifications: Russian Language Certificate, Kiev University, Kiev 1962.

Positions held: Head, Division of Genetics, IARI, New Delhi.

Awards: Seventh position in Merit List of B.Sc. (Agric.); First position in Merit List of M.Sc. (Agric.), Agra University, Agra; Prize of Bharatiy Vigyan Patrika Samiti; N.I. Vavilov Medal, USSR Academy of Sciences, Moscow; Recognized “Excellent Teacher” of Genetics at IARI, Delhi 1995, 1998; Best Teacher Award of IARI, Delhi, 1997; Hari Om Ashram Trust Award 1997–98; Certificate of Appreciation for Developing Variety, IARI, New Delhi 2001–2002.

Fellow: National Academy of Agricultural Sciences (India); The National Academy of Sciences, India.

Research Areas: Basic genetics of pea and lentil, Experimental mutagenesis; Discovery of new genes, Genetic mapping, Molecular tagging, and Variety development in pea, lentil, cowpea and *Dioscorea*.

Association with the ISPGR and other Societies: Member of ISPGR since 1992; Founder member, Pisum Genetics Association 1969, Lentil Experimental News Service (LENS) 1974; Indian Society of Arid Legumes 2000; Founder President, Lentil Research Association 2001; Editor of research journals- Indian Journal of Genetics and Plant Breeding; Journal of Lentil Research.

Address: Head (Retired), Division of Genetics, Indian Agricultural Research Institute, Delhi, Residence: 16/ 10, East Patel Nagar, Delhi-110008; Phone: 25824827 & 25853495, Mobile No: 09868604901; Email: drbrsh@yahoo.co.in

Sharma SD

Fellow Elected 2007

Position Held: Principal Scientist and Head, Genetic Resources Unit, Central Rice Research Institute, Cuttack

Research Areas: Characterization and evaluation of Rice; Plant Genetic Resources of Rice

Association with ISPGR and other societies: Founder Life member of ISPGR

Address: Head (Retd.), Plot No. 36, VIP Area, IRC Village, Nayapally, Bhubaneswar (Orissa) 751 015



Sharma Shyam Kumar

Fellow Elected 2007

Born in Kangra, (Himachal Pradesh) India on 2 March 1951; Educated at Govt. Senior Secondary School, Nadaun 1964-65; College of Agricultural Research Institute, BSc. 1971-77; M.Sc. 1973; Ph.D. 1977.

Positions held: Director, National Bureau of Plant Genetic Resources, Pusa Campus, New Delhi 2006 to date; Scientist-1, Central Potato Research Institute, Shimla 1977-80; Asstt. Professor 1980-82; Assoc.

Prof. 1982-90; Professor (Genetics) 1992-2002; Programme Director, Advanced Centre of Hill Bio-resources & Biotechnology 2002-2003 and Dean, College of Basic Sciences, CSKHPKV, Palampur 2003-06.

Awards: Commonwealth Post-doctoral Fellowship 1982; Commonwealth Academic Staff Fellowship 1993; European Union Marie Curie Fellowship 1994; Indian National Science Academy- Royal Society International Collaborative Award 2002; Himachal Kesri Award 2004.

Fellow: National Academy of Agricultural Sciences; Indian Society of Genetics and Plant Breeding

Research Areas: PGR; Plant biotechnology; crop genetics & breeding.

Address: Director, National Bureau of Plant Genetic Resources, Pusa Campus, New Delhi-110012, Tel: Office- 011-25843697, 25841129; Res. 011-25841177; Fax:011-2584249;E-mail: director@nbpgr.ernet.in; sksbg@yahoo.co.in

Siddiq Ebrahimali Abubacker

Fellow Elected 2007

Born in Ilayangudi, Sivaganga District, Tamil Nadu on 15 July 1937; Educated at Secondary School Certificate, High School, Ilayangudi, 1954; Intermediate, Raja Doraisingam College, Sivaganga, 1957; B.Sc. St. Joseph's College, Trichy 1959; M.Sc. Indian Agricultural Research Institute, New Delhi 1964; Recipient of Jubilee Medal for highest GPA; Ph.D. Indian Agricultural Research Institute, New Delhi 1968; Recipient of Assam Govt. Award for best Ph.D thesis on rice.

Positions held: Project Director, Directorate of Rice Research, Hyderabad 1987 - 1994; Director General (Crop Science), ICAR, New Delhi, 1994-1997; National Professor (ICAR), Directorate of Rice Research, Hyderabad, Apr.1997 to July, 2002; Chair Distinguished Centre for DNA Fingerprinting & Diagnostics, Department of Biotechnology, Hyderabad July 2002 onwards; Hon; Distinguished Professor, Biotechnology, Acharya N.G.Ranga Agricultural University, Hyderabad 2002 Onwards.



Awards: Hari Om Ashram Trust National Award for Genetics 1976; Vasvik National Award for Agricultural Research & Technology 1981; Shri Om Prakash Bhasin Award for Science & Technology 1994; Norman Borlaug Award 1995, Rafi Ahmed Kidwai Prize 1995; Silver Jubilee Medal of INSA 1997; Mementos from Governments of Vietnam and Egypt for contributions to rice research; Leadership Award in Agriculture for Research and Development by "Agriculture Today" 2008.

Fellowships: Indian National Science Academy (INSA), National Academy of Sciences (FNA), Fellow of the National Academy of Sciences India (FNASc), Fellow of the National Academy of Agricultural Sciences (FNAAS).

Research Areas: Crop Genetics, Breeding & Biotechnology.

Association with the ISPGR and other Societies: Life member of ISPGR; Life Member of Everyman's Science; The Indian Science Congress Association, Kolkata.

Address: Hon. Professor for Biotechnology, Biotechnology Unit, Agricultural Research Institute, Acharya N.G.Ranga Agricultural University, Rajendranagar, Hyderabad-500 030, Ph: 040-24012695 (O), 040-20025625 (R), Email: easiddiq@rediffmail.com



Singh Bir Bahadur

Fellow Elected 2007

Born in Varanasi, (U.P) on 01 July 1947; Educated at I.Sc. Agriculture, U.P. College, Varanasi, 1964; B.Sc. Agriculture, Gorakhpur University, 1966; M.Sc. Genetics, IARI, New Delhi, 1968; Ph.D. Genetics, IARI, New Delhi, 1972.

Professional qualification: Plant Breeding & Genetics, Plant Genetic Resources Collection, Evaluation, Utilization and Conservation.

Positions held: Millets Breeder, GBPUAT, 1972-76; Geneticist & Liaison Officer, ICRISAT Center, Hyderabad 1976-77; Principal Intl. Pearl Millet Breeder, ICRISAT/UNDP, Niger, WA. 1977-86; Soybean

Breeder & Pool Officer, BHU, Varanasi, 1986-89;
Principal Scientist/Head, GCD, NBPGR, 1990-2000;
Principal Scientist/Head Genetics, IARI, New Delhi
2000-2009.

Awards: National Merit Award, 1968, UGC Associate
Award, 1976.

Fellow: Indian Society of Genetics & Plant Breeding.

Research Areas: Genetics & Breeding of cotton,
millets, rice, maize and pulses (24 varieties)

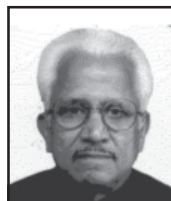
Association with the ISPGR and other Societies:
Editor-in Chief, IJPGR, 1996-1998; Vice-President,
ISPGR, 1998- 2004 and Vice President, ISGPB, 2002-
2006.

Address: B-10, IARI, New Delhi 110012, Tel:
25842177@,09312409690,e-mail: bbsgenetics@gmail.com

Singh Braj Pal

Fellow Elected 2007

Born in Agra, Uttar Pradesh on 3 January 1935;
Educated at B.R. Higher Secondary School, Agra. B.R.
College, Agra. (Intermediate Science- U.P. Board,
Allahabad); B.R College, Agra.(B.Sc. 1956 Agra
University); M.Sc. (Botany) with specialization in
cytogenesis & plant breeding 1958; Ph.D. (Botany)
Genetics & Plant breeding 1981.



Professional Qualification: Plant Quarantine Training
at IRRI, Manila; Training on PGR management at US
laboratories under Indo-USAID.

Research Areas: Plant Genetic Resources/Plant
Breeding & Genetics.

Association with the ISPGR and other Societies:
Founder member of ISPGR, General Secretary, ISPGR;
Vice President, ISPGR (1996-98); Life member of
ISPGR; Life member of Indian Society of Genetics &
Plant Breeding; Life member of Indian Society of
Agricultural Science; life member of Indian Society of
Seed Science & Technology, IARI, New Delhi 12, Life
member of Indian Society of Ornamental Horticulture,
IARI, New Delhi 12; Life member of Indian Society of
Agronomy, IARI, New Delhi; Member of the Indian
Botanical society; Member of Asian Agric-History

Foundation Trust, Hyderabad; Life member of the Society of Plant Reproductive Biologist, Agra.

Address: Flat P-2, Shubham Apartment, (D-225) Devi Marg, Bani Park, Jaipur 302016 (0141-2202225), mobil- 9929091875 E- mail: brajpal Singh@gmail.com

Office address- Hari Mahal Palace (a heritage hotel), Jaipur 302006 (0141-2221399), Fax: +91-141-2226920; E- mail: info@harimahallpalace.com



Singh Brij Mohan

Fellow Elected 2007

Born in Amritsar (Punjab) on 7 December 1940; Educated at B.Sc. in Punjab University 1962; M.Sc. (Botany) in University of Indore, M.P. 1966; M.Sc. (Conservation and Utilization of Plants Genetic Resources) in University of Birmingham, United Kingdom 1977.

Professional qualification: One year course on PGR at University of Birmingham, UK (1976-77); Visited BARI & BRRI in Bangladesh in 1989 under exchange Programme; "Refresher course" at University of Birmingham and IBPGR, Rome in 1989; Visited USDA, and other Labs in USA, as visiting Scientist in 1995 under exchange programme.

Position held: Research Asstt., Senior Research Asstt. in Division of Plant Introduction, IARI; Scientist Grade S-1; Scientist S-2, at NBPGR (1983 to 1998), Principal Scientist, NBPGR, New Delhi.

Awards: Dr. D.R. Dhingra Memorial Medal and Certificate of Merit 1987; Best Institute Award (NBPGR) 1997; Distinguished Academician Award 2004.

Fellowships: UNEP (To attend one year PGR Course at University of Birmingham, UK) in the year 1976-77.

Research Areas: Exploration and collection, characterization, argumentation and management of germplasm resources of "Medicinal and Aromatic Plants.

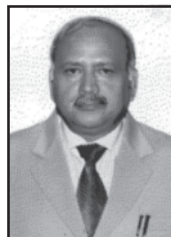
Association with the ISPGR and other societies: Life member ISPGR; Essential Oil Association of India.

Address: Principal Scientist (Retd.) A/18F, MIG Flat, Vatika Appartments, Mayapuri, New Delhi-110064. Tel.: 011-25134506 (Res.) Mob: 9818017110.

Singh Harish Chandra Prasad

Fellow Elected 2007

Born in Mahmada, Pusa, Bihar, India on 2 July 1950. Educated at Pusa High School 1958-64; U.P. College, Varanasi 1964-66; B.Sc., Banaras Hindu University, Varanasi 1966-69; M.Sc., Bihar Agricultural College, Rajendra Agricultural University, Sabour, Bhagalpur 1969-71; Ph.D., University of Agricultural Sciences, Bangalore 1982-85.



Professional Qualification: Advance training of Computer, Export of Banana, Flower Production and Biotechnology in Banana.

Position Held: Deputy Director General (Horticulture), ICAR 2007 to date; Vice-Chancellor, Rajendra Agricultural University, Pusa, Samastipur, Bihar 2005-2007; Dean Agriculture, G.B.Pant University of Agriculture and Technology, Pantnagar 2004-2005; Horticulture Commissioner, Govt. of India, Ministry of Agriculture 1997-2003; Chairman, APCC 2000-2001; Chairman, Coconut Development Board, Cochin 1998-2000 & 2002-2003; Director, National Research Centre on Banana, Trichy 1993-97; Project Coordinator (Fruits), IIHR, Bangalore 1988-97; Senior Scientist (Horticulture), IIHR, Ranchi 1981-88; Scientist (S1), CHES, Ranchi/Chethalli 1972-81;

Awards: APCC, Jakarta Kalpvriksha Award 2001; ASPNET, INIBAP, Philippines Pisang Raja Award 1996; UAS Bangalore Dr. M.H. Marigowda National Award 2001; AIPUB Kadali Puraskar 1998; G.L. Chadha Memorial Gold Medal 1998; Ranade Memorial Senior Scientist Award 1998; Shavaroys Foundation Award 1995; HSI Award 1993; CIH Award 2002; All India Amla Growers' Association Lifetime Achievement Award 2003; Irrigation Association of India and Institution of Engineers Appreciation Award 2003; All India Kitchen Garden Association Gold Medal 2002; G.B. Pant University of Agriculture & Technology, Pantnagar Recognition Award 2004; National Literature Council Maharshi Viswamitra Award 2006; Lifetime Achievement Award of CIH 2006; Biodiversity International and BAPNET Plaque of Recognition 2008; Lifetime Achievement Award of AIPUB 2008; Shivshakti Lifetime Achievement Award of HIS 2008.

Fellow: Horticulture Society of India; Association of Production and Utilization of Banana; Aonla Growers' Association of India.

Research Areas: Horticulture (genetics, resource management, improvement, production technology, water management), education technology, forestry, bomboo.

Address: Deputy Director General (Hort.), Indian Council of Agricultural Research, Krishi Anusandhan Bhawan II, New Delhi 110012, Delhi; H.No. 104, Satyam Khand, Sector 19, Vasundhara, Ghaziabad, U.P.; Tel: Off. (011) 25842068; Res. (0120) 2883111, 2884682, Cell: 09871450730; Fax: (011) 25841976; Email: hpsingh@icar.org.in; hpsingh50@gmail.com



Singh Ram Badan

Honorary Fellow 2009

Born in Budhanpur, Ghazipur, U.P., India on 20 July 1940; Educated at Udai Pratap College, Varanasi 1954-5; Govt. Agriculture College, CS Azad University of Agri. & Tech., Kanpur 1956-60; North Carolina State University, Raleigh, N.C., USA 1961-64; B.Sc. 1958; M.Sc. 1960; Ph.D. 1964.

Position held: Economic Botanist (Cotton), and Associate Professor of Plant Breeding, Punjab Agricultural University, Ludhiana 1964-69; Prof. and Head, Dept. of Genetics & Plant Breeding, and Dean Faculty of Agri., Meerut University, Meerut; Prof. and Head, Dept of Genetics and Plant Breeding 1972-79 and Dean, Faculty of Agriculture 1977-79, Banaras Hindu University, Varanasi; Regional Plant Genetic Resources Officer, IBPGR/FAO 1979-82; and Regional Plant Production and Protection Officer 1982-91, Regional Office for Asia and Pacific (RAP), Bangkok, Thailand; Senior Officer, Res. And Tech. Dev., FAO, Rome 1991-94; Director, Indian Agricultural Research Institute, New Delhi 1995-99; Chairman, Agricultural Scientists Recruitment Board, Govt. of India, New Delhi 1999-2000; Assistant Director General and Regional Representative for Asia and the Pacific, FAO/RAP, Bangkok 2000-02; Member, National Commission on Farmers, Ministry of Agriculture, Govt of India, New Delhi 2004-06.

Awards: International Board for Plant Genetic Resources Medal 1984; Lal Bahadu Shastri Memorial Award 1987; Vigyan Gaurav Samman 2001; D.Sc. (h.c.), Maharana Pratap Univ. of Agri. & Tech., Udaipur 2004, N.D. Univ. of Agri. & Tech., Faizabad 2003; Tamil Nadu Univ. of Agri. & Tech. 2001, C.S. Azad Univ. of Agri. & Tech 1997, Banaras Hindu Univ. 1994, and G.B. Pant Univ. of Agri. & Tech. 1991; Padma Bhushan 2003.

Fellow: National Academy of Sciences, India; Indian Academy of Sciences, National Academy of Agricultural Sciences.

Research Areas: Plant genetics, crop improvement, plant biotechnology, policies for agriculture and farmers

Address: Former Member, National Commission on Farmers, Ministry of Agriculture, Govt. of India, NASC Complex, DPS Marg, New Delhi 110012; Residence: D1/1291, Vasant Kunj, New Delhi 110070, Delhi; Tel: Off. (011) 25869320; Res. (011) 26136450; Cell: 9810230037; Fax: (011) 25869319; Email: rb.singh@nic.in; rambsingh@hotmail.com

Srivastava Umesh Chandra

Fellow Elected 2007

Born in Gyanpur, Bhadohi (Uttar Pradesh) on 20 March 1951; Educated at B.Sc. (Bot., Zool. & Chem.) 1971; M.Sc. (Botany) 1973 and Ph.D. (Botany & Plant Breeding) from Agra University, Agra 1997; M.A. (Hindi Literature), Meerut University, Meerut 1978;

Professional Qualification: Certificate in Japanese Language, National Institute of Agro-biological Resources, Tsukuba Science City, Japan 1990. An International training "Evaluation of Durum Wheat Germplasm", Syrian Arab Republic 1987; Group Training Course on Plant Genetic Resources; Individual Training on *In-vitro* propagation techniques for conservation of horticultural plants at National Institute of Agrobiological Resources (NIAR), Japan.

Positions held: Assistant Director General (Horticulture) in ICAR 30-11-2007 to date; Principal Scientist, Senior Scientist, Scientist, Scientist (S-1), NBPGR, New Delhi.



Awards: Distinguished Academician Award, Open International University for Complementary Medicine, Sri Lanka; A "Certificate of Excellence" in the field of Traditional Medicine.

Fellowships: ICARDA Fellowship; Colombo Plan Fellowship; AVRDC Fellowship.

Fellow: Indian Society of Vegetable Science, Indian Botanical Society.

Research Areas: Plant Genetic Resources and Horticulture.

Association with the ISPGR & other societies: Founder Life Member, Joint Secretary, Editor, Editor-in-Chief of ISPGR; Vice President, Joint Editor (Vegetable Science), Indian Society of Vegetable Science, Varanasi; Councillor (North Zone), Indian Society of Vegetable Science, Varanasi; Member, Indian Society of Genetics & Plant Breeding; Life member, Indian Botanical Society; Life member, Indian Society of Medicinal and Aromatic Plants; Life member, Indian Society of Vegetable Science; Life member, Society of Ethnobotanists; Member, Indian Society of Seed Science.

Address: Assistant Director General (Horticulture), Indian Council of Agricultural Research, Krishi Anusandhan Bhutan-II, Pusa Campus, New Delhi 110 012; INDIA Residential: GH4/ 50, SFS, Meera Apartments, Outer Ring Road, Paschim Vihar, New Delhi 110 063, India, Telephone No- 011- 25841287 (O); 25272930 (R); 25841976 (Fax); E.mail: usrivastava@icar.org.in; srivastavaumesh@gmail.com



Swaminathan Monkombu Sambasivan

Honorary Fellow 2007

Born in Kumbakonam, India on 7 August 1925; Educated at Madras and Cambridge Universities.

Position held: Member of Rajya Sabha, Govt. of India; UNESCO Cousteau Chair in Ecotechnology, and Chairman, M S Swaminathan Research Foundation, Chennai; Director, Indian Agricultural Research Institute, 1961-72; Director General, Indian Council of Agri. Res, 1972-79; Principal Secretary; Min. of Agri.

and Irrigation, Govt. of India; 1979-80; Member, Planning Commission and Chairman, Scientific Adv; Committee to Cabinet; Govt. of India 1980-82; Chairman, UN Science Advisory Committee; 1980; Independent Chairman, FAO Council, 1981-85; Dir. Gen; International Rice Res; Institute (IRRI), Los Banos, Philippines, 1982-88; President, International Union for the Conservation of Nature and Natural Resources, 1984-90; President; World Wide Fund for Nature (India), 1989-96; Chairman, National Commission on Farmers of India, 2004-06; President; Pugwash Conference on Science and World Affairs.

Awards and Honors: Several national and international awards and honors, including Shanti Swarup Bhatnagar Prize 1961; Ramon Magsaysay Award for Community Leadership 1971; Albert Einstein World Science Award 1986; First World Food Prize 1987; UNESCO Gandhi Gold Medal, France 1999; Franklin D Roosevelt Four Freedoms Medal, Netherlands 2000; Volvo and Tyler Prize for Environment; Indira Gandhi Prize for Peace, Disarmament and Development 2000; D.Sc (h.c) from 58 Universities; Sahametrei Medal of Royal Govt. of Cambodia 2007; Life time Achievement Award of All Indian Management Association 2007; Golden Peacock Life Time Achievement Award 2007; Lal Bahadur Shastri National Award 2007; Shining World Leadership Award, Singapore 2007; ISCA Award 2007-2008.

Fellow: Indian Academy of Sciences 1957; National Academy of Agricultural Sciences; Indian National Science Academy 1962; National Academy of Sciences, India 1976; Royal Society, London 1973; National Academy of Sciences, USA 1977; Russian Academy of Agricultural Sciences 1978; Royal Swedish Academy of Agriculture and Forestry 1983; National Academy of Arts and Sciences, USA 1984; Accad. Naz. Delle Sciencz detta del XL, Italy 1985; European Academy of Arts, Science and Humanities 1988; Am. Assn. For the Advancement of Science, Founder Fellow, TWAS 1983.

Research Areas: Cytogenetics; plant breeding; agriculture; biodiversity & eco-development.

Address: Chairman, MS Swaminathan Research Foundation, 3rd Cross Street, Taramani Institutional Area, Chennai 600113; Tamil Nadu; "Dharini", 11; Rathna Nagar; Teynampet.



Thomas TA

Fellow Elected 2007

Born on 5 August 1931.

Position Held: Research Assistant IARI New Delhi, 1957; Assistant Botanist IARI New Delhi, 1966; Research Assistant, 1975; Scientist (S2), 1975; Scientist (S3), 1977; Principal Scientist and Head, Evaluation Div., NBPGR, New Delhi 1991.

Research Areas: Collection and Characterization of PGR.

Association with the ISPGR and other Societies: Founder life member of ISPGR.

Address: Principal Scientist (Rtd.), E C – 221 (SFS), Maya enclave, Hari Nager, New Delhi – 64.



Tyagi Rishi Kumar

Fellow Elected 2007

Born in Sara, District, Ghaziabad (UP) on 10 July 1959; Educated at Intermediate: UP Board, Allahabad 1975; B.Sc. (Botany), Meerut University 1978; M.Sc. (Botany) Meerut University, Meerut 1980; Ph.D. (Botany) University of Delhi, Delhi 1994.

Professional qualification: PG Diploma (IPR law); Indian Law Institute, New Delhi 2005.

Positions held: Head, Division of Germplasm Conservation, NBPGR (2009-till date), Principal Scientist (2006-till date); Senior Scientist (1998-2006); Scientist (1986-1998).

Fellowships: Post-doctoral Research Associate, University of Illinois, USA, 2002; Senior Research Fellowship (CSIR), 1991-93; Senior Research Fellowship (ICAR); 1981-83.

Fellow: Indian Society of Plant Genetic Resources, 2007; Indian Society of Seed Science and Technology, 2007.

Research Areas: *Ex situ* conservation of plant genetic resources – seed conservation, *in vitro* conservation and cryopreservation.

Association with the ISPGR & other societies: General Secretary (2005-09); Editor-in-Chief (2001-02), Member, Editorial Board (1997-98); Councillor, North Zone (1994-96) of ISPGR; Life Member, Indian

Society of Genetics and Plant Breeding; Life Member,
Indian Society of Seed Science and Technology.

Address: Principal Scientist and Head; Division of
Germplasm Conservation, National Bureau of Plant
Genetic Resources, Pusa Campus, New Delhi-
110012, Phone: 25846268 (o); 27862229 (R);
9899442524 (cell); E-mail: rktyagi@nbpgr.ernet.in;
tyaginbpgr@gmail.com

Varaprasad K S

Fellow Elected 2007

Born in Mantada District, Krishna (Andhra Pradesh)
on 1 July 1954; Educated at Higher Secondary, Board
of Secondary Education, Krishna, AP 1970; B.Sc. (Ag.)
APAU (ANGRAU), Hyderabad 1974; M.Sc. (Ag.), IARI,
New Delhi 1977; Ph.D., IARI, New Delhi, 1982; Hindi-
Pragya, Dept. of Official Language, Ministry of Home
Affairs, New Delhi 2007.



Professional qualification: Intellectual Property
Rights and World Trade Organisation Related Issues
in Administrative Staff College of India, Hyderabad
2007, Orientation Course on Biosafety Considerations
for Evaluation of Transgenic Crops at NBPGR, New
Delhi 2000; Course on Computer Applications in
Agricultural Research in National Academy of
Agricultural Research Management, Hyderabad 1992;
Management of people at Work in National Academy
of Agricultural Research Management, Hyderabad
1991.

Positions held: Principal Scientist and Officer
Incharge, NBPGR Regional Station, Hyderabad,
Visiting Scientist, ICRISAT, Hyderabad; Visiting
Scientist, SCRI, Dundee, UK; Officer-In-Charge,
NBPGR, RS, Akola.

Awards: Felicitation by Honorable Chief Minister of
Andhra Pradesh 2008; Special Invitee 2008; Talented
Scientist Award 2008; Best Paper Award 1988, Prof D
J Raski Merit Award 1986 Special Invitee, National
Advisory Committee on Human Genetic Resources
and Data (Policy making) 2006-2007; Honorary Patron
(Recognition) 2007, Member, Committee on
Collaborative Research (Policy making) 2006-2007;
Member, Committee on Transfer of Research Results
(Policy making) 2006-2007; Zonal Coordinator- FAO
project(Recognition) 2004-2006;

Research Areas: Plant Genetic Resources, Plant Quarantine and Nematology.

Association with the ISPGR and other societies: Life member of ISPGR, Honorary Patron, Plant Protection Association of India; Life member, Nematological Society of India; Life member, National Academy of Biological Sciences. Editor, Indian J. of Plant Protection.

Address: Principal Scientist & Head, NBPGR RS, Rajendranagar, Hyderabad-500 030, Phone and Fax: 040-24014072, Home: 040-24020885, Mob: 09866013146; E.mail: prasadksv@gmail.com



Vasal Surinder Kumar

Fellow Elected 2007

Born in Amritsar, (Punjab), India on 12 April 1938; B.Sc., Khalsa College, Amritsar 1957; M.Sc., Kanpur Agricultural College 1959; Ph.D., IARI, New Delhi 1966; Post-doctoral Fellow, CIMMYT, Mexico 1970.

Position held: Distinguished Scientist, International Maize and Wheat Improvement Center (CIMMYT), Mexico to date; Research Assistant 1959-66, and Assistant Botanist Maize-cum-Assistant Professor 1966-67, Department of Agriculture, H.P; Research Associate, Rockefeller Foundation, Thailand 1967; International Staff 1971-84, Germplasm Coordinator 1985-90; Coordinator Lowland Tropical 1991-98, Maize Program, CIMMYT, Mexico.

Awards: La Asociacion Mexicana de Semilleros 'Premio Cesar Garza' Award 1993; International Service in Crop Science Award 1996; International Agronomy Award 1999; World Food Prize 2000; Dr. M.S. Swaminathan Award by TAAS.

Fellow: National Academy of Agricultural Sciences; American Society of Agronomy; Crop Science Society of America.

Research Areas: Plant breeding & genetics.

Address: Distinguished Scientist, International Maize and Wheat Improvement, Center (CIMMYT), Apdo. Postal 6-641, 06600 Mexico, D.F. , Mexico; Patricio Sanz 222BIS, Colonia Del Valle, Mexico D.F. 03100 , Mexico; Tel: Off. (52) 55 58047511 (Direct), 58042004; Res. (52) 55 56827849; Fax: (52) 55 58047558, 58047559; Email: s.vasal@cgiar.org

5. Activities undertaken by the ISPGR

5.1 National Dialogues

1. **The first Dialogue- “Plant Genetic Resources in India-Developing National Policy Option”** was organized by Society during December 1-2, 1993, New Delhi.
2. **The second Dialogue – “Issues in Management of Plant Genetic Resources”** was organized by Society during December 1-2, 1998, New Delhi.

5.2 Dr BP Pal Memorial Lectures

1. The first Dr BP Pal Memorial lecture was delivered by Dr RS Paroda, the then Regional Plant Production and Protection officer at FAO Regional Office for Asia and Pacific, Bangkok Thailand, during the first Dialogue, which was held on December 1-2, 1993 on **“Plant Genetic Resources in India-Developing National Policy Options”**.
2. The second Dr BP Pal Memorial lecture was delivered by Dr Mangala Rai, Deputy Director General (Crops), ICAR Krishi Bhawan, New Delhi, on **“Issues in Management of Plant Genetic Resources”** on December 1-2, 1998. The lecture covered wide range of issue viz., importance of PGR in social-economic development, threats to PGR, global instruments associated with conservation and use of PGR and the social-economic and ethical issues. The text of the lecture was also published and distributed by the Society.

5.3 Conferences, Symposia, Satellite Symposia, Workshops

1. The ISPGR actively contributed to the deliberations of the Second Crop Science Congress and also organized a Satellite Symposium in November 1996, New Delhi.
2. The Society was a member of the confederation that jointly organized the International Conference on Managing Natural Resources in the 21st Century held during 14-18 February, 2000, at New Delhi and organized a Session and Keynote Address on PGR/Agrobiodiversity. In the first Indian Science Congress of the New Millennium (88th session), held in January, 2001, New

Delhi. The Society made significant impact on the deliberations on household Food, Nutrition and Environmental Security.

3. Symposium on **“Plant Genetic Resources Management: Advances and Challenges”** organized by the Society during 1-4 August, 2001, New Delhi.
4. National Conference on **“Transgenics in Indian Agriculture”** was organized by Society in collaboration with ICAR and NBPGR during 9-10 March, 2004, New Delhi.
5. International Symposium on **“Introduction Achievements and Opportunities in South Asia”** was organized by Society in collaboration with NBPGR during 15-17 February, 2005, New Delhi.

6 Publications of ISPGR

6.1 Official Journal

The society publishes a triennial journal ***The Indian Journal of Plant Genetic Resources*** (IJPGR, ISSN 0971-8184), to disseminate/update knowledge on plant genetic resources activities. It publishes full-length papers or short communications of original scientific research in the field of plant genetic resources. Review articles summarizing the existing state of knowledge in topics related to plant genetic resources are also published. In addition, it also notify the germplasm 'registered' by the ICAR.

6.2 Other Publications

The Society has also published several publication including books and the copies of these publications are available in the Society's office or with publishers:

6.2.1 Bulletins

1. The Society has contributed in the formulation and publication of the National Action Plan on Conservation, Management and Use of Agrobiodiversity jointly with National Academy of Agricultural Sciences (NASS) and the ICAR.

6.2.2 Books published by the Society

1. *Plant Genetic Resources in India – Developing National Policy Options* edited by RS Rana, RK Arora, BP Singh and S Kochhar. Proceeding of the ISPGR Dialogue, 1993 held at New Delhi, December, 2003, 219p.
2. *Prospects of Medicinal Plants* edited by PL Gautam, R Raina, U Srivastava, SP Roychaudhuri and BB Singh. This is based upon the proceedings of UHF-IUFRO international Workshop on "Prospects of Medicinal Plant" jointly organized by the International Union of Forestry Research organization and Dr YS Parmar University of Horticulture and Forestry, Nauni, Solan from November 4-9, 1996, 290p.
3. *Plant Genetic Resources Oilseed and Cash Crops* edited by BS Dhillon, RK Tyagi, S Saxena and A Agrawal. Published by Narosa Publishing House, New Delhi, Indian Society of Plant Genetic Resources, NBPGR, Pusa Campus, New Delhi 110012, 215p.

4. *Plant Genetic Resource Management* edited by BS Dhillon, RK Tyagi, Arjun Lal and S Saxena, Published by Narosa Publishing House Pvt. Ltd., Indian Society of Plant Genetic Resources, NBPGR, Pusa Campus, New Delhi 110012, 434p.
5. *Plant genetic Resources (Horticultural Crops)* edited by BS Dhillon, RK Tyagi, S Saxena and GJ Randhawa. Published by Narosa Publishing House Pvt. Ltd., Indian Society of Plant Genetic Resources, NBPGR, Pusa Campus, New Delhi 110012, 332p.
6. *Plant Genetic Resources Foodgrain Crops* edited by BS Dhillon, S Saxena, A Agrawal and RK Tyagi. Published by Narosa Publishing House Pvt. Ltd., Indian Society of Plant Genetic Resources, NBPGR, Pusa Campus, New Delhi 110012, 345p.

7. Life Members of ISPGR

7.1 Present Members

S.NO	NAME	Address*
1	Abhilash PC	JRF, NBRI, Rana Pratap Marg Biomass Biology and Environmental Science Division, Lucknow - 226 001
2	Abraham GC	American College, Department of Botany, Madurai - 625 014
3	Abraham Z	Officer-in-charge, NBPGR Regional Station, Vellanikkara, Thrissur – 680655
4	Acharya Pinaki	Uttarayan Apartments, P.O. Boral, Flat No. 2-C, Geetanjali Park, Distt. South, 24 Pargans - 743505
5	Aery NC	Assoicte Professor, Sukhadia Memorial College, Durga nursery road, Udaipur - 313 001
6	Agarwal Ankur	Scientist C, Pithoragarh Defence Institute of Bio-Energy Research (Formerly DARL), Pithoragarh- 265501
7	Agarwal Anuradha	Senior Scientist, TCCU, NBPGR Pusa Campus, New Delhi - 110 012
8	Agnihotri Abha	TERI, Habitat Place, Lodhi Road, New Delhi - 110 003
9	Agrawal PC	Principal Scientist, PQD, NBPGR, Pusa Campus, New Delhi - 110 012
10	Agrawal RC	Principal Scientist, ARIS, NBPGR, Pusa Campus New Delhi - 110 012
11	Ahmad Gayas	C/o Mr SAHuda, IPS, Addl. DGP, Police Transport Organization, Hyderabad
12	Ahuja PS	Director, I.H.B.T, Palampur – 176062
13	Ahuja SL	Regional Station, Central Institute of Cotton Research, Sirsa - 1250 55

*Change in address may be informed to ISPGR
ispgr@nbpgr.ernet.in

14	Ahuja Ashok	Scientist E– II, Biodiversity & Applied Botany Division , RRL Jammu, Jammu - 180 001
15	Arya Lalit	Senior Scientist, DNAFP, NBPGR, Pusa Campus, New Delhi - 110 012
16	Ananda KS	Scientist, CPCRI, Regional Station, Vittal – 574243
17	Anishetty N Murthy	P.O. Vengala Rao Nagar Colony, Plot No. 91, 888 Sidhartha Nagar, Hyderabad - 500 038
18	Anitha P	Scientist , GEX Division, NBPGR Pusa Campus, New Delhi - 110 012
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315	Raina Archana P	Germplasm Evaluation Division, NBPGR, New Delhi - 110 012

316	Rajan S	4/135, Vikas Khand, Lucknow - 226010
317	Rajan SS	Abhisit Apartment, 67 Seventh Main, Bangalore - 560003
318	Rajeshkharan PE	Indian Instt. Of Horticultural Research, Bangalore - 560089
319	Ram D	Indian Institute of Vegetable Research, Varanasi - 221005
320	Ram Babu	Germplasm Evaluation Division, New Delhi – 110012
321	Ram Bakshi	Regional Centre for Sugarcane Breeding, Karnal - 132001
322	Ram Chait	NRC DNA Fingerprinting, NBPGR, New Delhi-12
323	Ramachandran Kamla	-
324	Ramassamy V	Dept. of Botany, K.M. Centre for Post Graduate Studies and Research, Pondicherry - 605008
325	Ramesh B	Professor in Genetics & Plant Breeding & Dean, Faculty of Agriculture, Meerut - 250004
326	Rana JC	NBPGR Regional Station, Shimla - 171 004
327	Rana RS	D-43, Inderprastha Appartments, Rohini, New Delhi - 110 085
328	Ramani S	Central Potato Research Station, Shillong – 793009
329	Rana Vijai KS	Division of Genetics, IARI, New Delhi - 110 012
330	Rana Mukesh	NRC DNAFP, NBPGR, New Delhi - 110 012
331	Randhawa Gurinder	NRC DNAFP, NBPGR, New Delhi - 110 012
332	Rani Rita	Plant Exploration and Germplasm Collection Division, NBPGR, New Delhi - 110 012
333	Rao DS	4/58, Vidyut Nagar, Agra
334	Rao G Prabhakaran	Germplasm Division, Kottayam- 686009

335	Rao MJ Vasudeva	Plot No. 2, KIADB, 4th Phase, Bangalore – 560099
336	Rao N Kameswara	Scientist, GRU, ICRISAT, Hyderabad - 502324
337	Rao RVS	Senior Scientist, CTRI, Rajamundry - 533105
338	Rao U Prasada	M/S Nuziveedu Seeds Ltd., Secunderabad - 500 003
339	Rao V Ram Nath	Botanist, GRU, ICRISAT, Patancheru, Hyderabad - 502324
340	Rath Shiba Prasad	Dept. of Botany, Utkal University, Bhubaneswar, Orissa
341	Rathi RS	Director's Technical Cell, NBPGR, New Delhi - 110 012
342	Rathinam P	18 SriLakshmi Nagar, S.N. Palayam, Coimbatore – 641007
343	Rathore DS	Flat P, J1/63, Gupta Colony, Khirki Extension, Malviya Nagar, New Delhi - 110 017
344	Rathore TS	Arid Forest Research Institute, Jodhpur, (Rajasthan).
345	Ravi Kanta	CCS HAU, Hisar - 125 001
346	Ravindran PN	Centre for Medicinal Plant Research, Kottakkal – 676503
347	Rout Gyan Ranjan	Department of Agriculture Biotechnology, College of Agriculture, Bhubaneswar 751003
348	Roy Ajoy Kumar	Crop Improvement Division, Jhansi - 284003
349	Roy RK	National Botanical Res. Institute, (CSIR), Lucknow - 226001
350	Roy Suvendu Kumar	Uttar Banga Krishi Vishwa Vidyalyaya Cooch Behar, West Bengal
351	Sabu KK	Tropical Botanical Garden Research Institute, Thiruvanthapuram - 695 662
352	Sahoo S	Council of Scientific & Industrial Research, Natural Products Department, Bhubaneswar - 751 013
353	Samadia DK	CIAH, Bikaner - 334 006

354	Samanta Samir Kumar	Sarat Ghosh Garden Road, Kolkata - 700031
355	Santaram A	Central Coffee Resources. Instt., Chickmagalur - 577117
356	Sapra RL	Divi. of Genetics (Pulses), IARI, New Delhi - 110 012
357	Sardana S	H.No. 124, Sector-17, Faridabad – 121002
358	Sareen Sindhu	Directorate of Wheat Research, Karnal - 132001
359	Saxena RK	Anand Vihar, Hari Nagar, New Delhi - 110064
360	Saxena Sanjeev	Indian Council of Agricultural Research, Kirishi Bhavan, New Delhi - 110 114
361	Saxena RP	Dept. of Vegetable Crops, N.D. Univ. of Agril. & Technology, Faizabad - 224229
362	Seetharam A	No. 31, C.R. Layout, Sarraki Main Road, J.P. Nagar, Phase-I, Bangalore - 560 078
363	Shahi AK	Regional Research Laboratory (CSIR), Jammu Tawi - 180001
364	Shanthakumar G	Assistant Profeser, Agricultural Research Station, Hanumanamatti - 581 135
365	Sharma Abha	110, Rakshak Appartments, Gurgaon - 122 001
366	Sharma Ambrish K	Division of Genetics, IARI, New Delhi - 110 012
367	Sharma BD	DYM, Kirpalu Bagh Ashram, Haridwar
368	Sharma BK	ICAR Research Complex for NEH Region, Barapani - 793013, Meghalaya
369	Sharma Balram	16/10, East Patel Nagar, Delhi-110008
370	Sharma DR	Prof. of Biotechnology & Dean, Dr. YSPUHF, Solan 173230
371	Sharma DC	Germplasm Evaluation Division., NBPGR, New Delhi - 110 012
372	Sharma GD	H. No. 488, Sector -5, Kutch, Gujrat

373	Sharma HP	H.No. 206/N5, Ranchi - 834009, Jharkhand
374	Sharma JR	Dy Director, P.B. No. 1, Lucknow - 226015
375	Sharma Jag Paul	C/o 298 Digiana Rani Talab, Jammu - 180 010
376	Sharma Neelam	TCCU, NBPGR, New Delhi - 110 012
377	Sharma MK	Assoc. Professor, Deptt. of Plant Breeding and Genetics, BN College of Agriculture, Bishvnath Charali, Assam
378	Sharma Ranjit	Deptt. of Genetics & Plant Breeding P.O., Imphal – 795001
379	Sharma Rajeev Kumar	NGO, Guwahati
380	Sharma S K	FGTB Division, Jodhpur - 342005
381	Sharma SD	Plot No. 36, VIP Area Bhubaneswar - 751015
382	Sharma SK	National Bureau of Plant Genetic Resources, New Delhi - 110 012
383	Sharma TR	Biotechnology Centre, HPKV, Palampur - 176062
384	Sharma TVRS	CARI, Post Box No. 432, Port Blair - 744103
385	Sharma VK	Deptt. of Genetics, Samastipur - 848425
386	Sharma Axma Dutt	Germplasm Conservation Division, NBPGR, New Delhi - 110 012
387	Sharma Suresh Chand	WZ-296, Gali No. 8, New Delhi - 110 045
388	Shekhawat NS	Biotechnology lab., Botany Deptt., University of Jodhpur, Jodhpur - 342 001
389	Shivananda TN	Indian Institute of Horticultural Research, Bangalore - 560089
390	Shukla TC	J - 7, Sri Ramnagar, Raipur - 492007
391	Siddiq EA	81, Happy Home Colony, Hyderabad - 500064
392	Sidhu Amrik Singh	IIHR, Hersarghatta Lake P.O., Bangalore - 560089

393	Sindhu JS	Pro-Agro Seed Co. Ltd., New Delhi - 110 066
394	Sindhu SK	Dept. of Plant Biotechnology, PAU, Ludhiana - 141 004
395	Singh AK	CHES Plandu, Ranchi – 10
396	Singh AK	Sec-23, Plot No. 2924, Gurgaon
397	Singh Ajay Kumar	IGFRI, Jhansi - 284003
398	Singh Anil Kumar	ICAR Research Complex for Eastern Region, Patna - 800014
399	Singh Awtar	NRC for Litchi, Ranchi
400	Singh BB	Division of Genetics, New Delhi - 110 012
401	Singh BM	A/18F, Vatika Apartment, Mayapuri, New Delhi - 110 064
402	Singh BN	N.D. Univ. of Agricultural & Technology, Faizabad - 224229
403	Singh BP	Flat No P-2, Devi Marg, Banipark, Jaipur - 302 106
404	Singh Baleshwar	Plant Quarantine Division, NBPGR New Delhi - 110 012
405	Singh Balraj	Indo-Israel Project, IARI, New Delhi - 110 012
406	Singh Basu Deo	G.B.Pant University of Agric. and Tech., Pant Nagar - 263 145
407	Singh Bhupinder	Department of Plant breeding, PAU, Ludhiana - 141 004
408	Singh CB	Crop Improvement Division, IGFRI, Jhansi - 284003
409	Singh Charan	Plant Quarantine Division, NBPGR, New Delhi - 110 012
410	Singh Gurdeep	Regional Research Station, Ballawal, Hoshiarpur
411	Singh HP	Indian Council of Agricultural Research, KAB-II, New Delhi - 110 012
412	Singh Harjeet	Dept. of Biotechnology, PAU, Ludhiana - 141 004
413	Singh IP	NRC on Citrus, Amarvati Road, Nagpur - 440010

414	Singh Jang Bahadur	Krishi Vigyan Kendra, Zonal Research Centre (SVBPUA&T), Bijnor
415	Singh IP	Flat No. 187, Pocket-I, Sec.-1, Dwarka, Delhi -110 045
416	Singh JP	Dept. of Vegetable Science, P-8, GBPUAT, Dist. Udham Singh Nagar - 263146
417	Singh JP	Regional Station, CAZRI, Bikaner - 334 004
418	Singh KP	Bangalia Quarters, Agra 282 002
419	Singh KH	NRC on Rapeseed Mustard, Bharatpur - 321 003
420	Singh LN	Regional Research Station, H.P.K.V.V., Sirmour
421	Singh Mahipal	Dept. of Biotechnology, IHBT, Palampur - 176062
422	Singh NN	Birsa Agricultural University, Ranchi - 834006
423	Singh Neeta	Germplasm Conservation Division, NBPGR, New Delhi - 110 012
424	Singh OP	N.D. Univ. of Agricultural & Technology, P.N. Kumar Ganj, Faizabad - 224229
425	Singh Omkar	Deptt. of Agricultural Botany, Shamli - 247776,
426	Singh Pratap Bhan	Plant Exploration Division, NBPGR, New Delhi-110012
427	Singh RV	DB - 5D, DDA Flat, Hari Nagar, New Delhi - 110 064
428	Singh Ranbir	Germplasm Evaluation Division, NBPGR, New Delhi - 110 012
429	Singh SB	Crop Improvement Unit, Rajouri - 185131
430	Singh SS	Drector, Directorate of Wheat Research, Karnal - 132001
431	Singh Sanjay Kumar	Directorate of Wheat Research, Karnal - 132001
432	Singh Saudan	CIMAP, Lucknow - 226015
433	Singh Shamsher	C-39, Inderpuri, New Delhi - 110 012

434	Singh Srinivas	NBPGR Regional Station, Shimla - 171004
435	Singh TP	CSK HPKV, Dist. Kangra, (HP)
436	Singh UP	Scientist, IGFR, Jhansi - 284003
437	Singh VR	CIMAP Field Station, Distt. Udham Singh Nagar, (JK)
438	Singh VV	Central Inst.of Cotton Res., Nagpur - 440010
439	Singh Virender Pratap	Dept. of Agricultural Botany, Gurukul Narsan-249406, Haridwar
440	Singh Sunaina	230, Mandakini Hostel, New Delhi - 110 012
441	Singh M Rohini	Imphal - 795 001
442	Singh Mohar	Senior Scientist, Germplasm Evaluation Division, NBPGR, New Delhi
443	Singh Moolchand	Plant Quarantine Division, NBPGR, Pusa Campus, New Delhi 110 012
444	Singh Rakesh	Exploration Div., NBPGR, New Delhi - 110 012
445	Singh Satyapal	Germplasm Exchange Division, New Delhi – 110012
446	Singh Santar Pal	House No. 34/7, Chetanaypuram, Nauchandi Ground, U.P.
447	Singh Surinder	Germplasm Exchange Division, New Delhi – 110012
448	Singh Tej vir	Dept. of Agricultural Botany, Simbhaoli, Distt. Gaziabad – 245707
449	Singh Harinder	Germplasm Evaluation Division, NBPGR, New Delhi - 110 012
450	Singh Rakesh	NRC DNAFP, NBPGR, New Delhi - 110012
451	Sivaraj N	NBPGR RS, Rajendra Nagar, Hyderabad-500030
452	Sofi AA	Central Institute of Temperate Horticulture, Srinagar - 190005
453	Sood SK	Morning View, Shimla - 171003
454	Srinivasan Kalyani	Germplasm Conservation Division, NBPGR, New Delhi - 110 012

455	Srinivasan TV	11, Bhubaneswari Nagar, Coimbatore - 641025
456	Srivastava HM	Aliganj, Lucknow - 226024
457	Srivastava KP	D-62, Durga Market, Rohini, New Delhi - 1100 85
458	Srivastava Umesh C	Indian Council of Agricultural Research, KAB-II, New Delhi – 110012
459	Srivastava VK	22-B, MIG Flats Ashok Vihar III, New Delhi - 110052
460	Subbarao LV	Div. of Plant Breeding, DRR, Hyderabad - 500030
461	Samsudeen K	Crop Improvement Division, Kerala
462	Suneja Poonam	Germplasm Evaluation Division, NBPGR, New Delhi - 110 012
463	Suwarna Marly Soma	NRC DNA FP, NBPGR, Pusa Campus, New Delhi-110012
464	Sunil N	NBPGR, RS, Rajendra Nagar, Hyderabad-500030
465	Sureja Amish kumar	Dept. of Vegetable Crops, College of Horticulture, Pasighat - 791102
466	Swaminathan MS	Chairman, MSSRF, Chennai - 600 113
467	Thakare RB	Plot 23, TT Nagar, Nagpur - 440015
468	Thakral SK	Deptt. of Plant Breeding, Haryana Agricultural University, Hisar - 1250 04
469	Thakur Rajender	SERVE, Indra Riwalasr 175 023
470	Thakur Vimal J	New Delhi - 110029
471	Thangapandian R	Plant Breeding & Genetics, Aduthurai - 612101
472	Thomas TA	EC-221, Maya Enclave, New Delhi - 110 064
473	Tickoo JL	C-17, DDA Flats, New Delhi - 110 067
474	Tickoo SK	Product Development Officer, Vegetables Asia Pacific, Pune - 411 045
475	Tiwari Shaiesh Kumar	NRC on DNA FP, NBPGR, New Delhi - 110 012
476	Tomar JB	NBPGR Regional Station, Tata Road, Namkum, Ranchi – 834010

477	Tripathi SK	Nuziveedu Seeds Pvt. Ltd., 905, 9th Floor, Kanchanjunga Building Barakhamba Road, Connaught Place, New Delhi - 110 001
478	Tyagi RK	Germplasm Conservation Division, NBPGR, New Delhi - 110 012
479	Tyagi Sunil Datt	Avas Vikas Colony, Ghaziabad - 245101
480	Tyagi Vandana	GEX Division, NBPGR, New Delhi - 110 012
481	Uma S	NRC for Banana, Thiruchirapalli - 620 102
482	Upadhyay MD	CIP Office, New Delhi – 110058
483	Upreti Manju	Germplasm Conservation Division, NBPGR New Delhi - 110 012
484	Vaidya Brajesh	Nepal Biotech Kathmandu, Nepal
485	Varaprasad KS	NBPGR Regional Station, Rajender Nagar, Hyderabad - 500030
486	Vasal Surender Kr	CIMMYT, Apdo. Postal 6-641, 06600 Mexico, D.F.
487	Velayudhan KC	Karayil House, Aquatic Lance Behind Aswini Hospital, Thrissur - 680654
488	Venkateswaran Kamla	NBPGR Regional Station, Rajender Nagar, Hyderabad - 500030
489	Verma Manjusha	NRC DNA Fingerprinting, NBPGR, New Delhi-12
490	Verma Nidhi	GEX Division, NBPGR, New Delhi - 110 012
491	Verma PK	IARI, Regional Wheat Research Station, Indore – 452009
492	Verma Suresh Kumar	NBPGR Regional Station, Umiam, Shillong
493	Verma VD	NBPGR Regional Station, Shimla - 171004
494	Wani Shafiq Ahmad	S.K. Univ. of Sciences & Tech., Srinagar - 191121
495	William Decruse S	Tropical Botanical Garden Research Institute, Thriuvananthapuram - 695562

496	Yadav Sangeeta	Germplasm Evaluation Division, NBPGR, New Delhi - 110 012
497	Yadav Satish Kumar	GEX Division, NBPGR, New Delhi - 110 012
498	Yadav Mahesh C	NRC on DNAFP, NBPGR New Delhi - 110 012

7.2 Deceased Life Members of ISPGR

S.No.	Name	Address
1.	Chandel KPS	Director Acting (Retd.), NBPGR, New Delhi - 110012
2.	Chauhan KPS	185, Indira Nagar, 5th Main, Defence Colony, Bangalore - 560 038
3.	Joshi BD	NBPGR, Regional Station, Shimla- 171 004
4	Maheshwari ML	Hari Nagar, Delhi
5	Mehra KL	Director (Retd.), NBPGR, New Delhi - 110 012
6	Nagaraju V	NRC Orchid, Pakyong – 737106
7	Premi PL	RU - 9, Inderpuri, New Delhi - 110088
8	Verma BR	Inderpuri, New Delhi-110 012

CALENDAR 2009

January

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	
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February

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March

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April

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May

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31						

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June

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July

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August

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September

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October

Su	Mo	Tu	We	Th	Fr	Sa
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November

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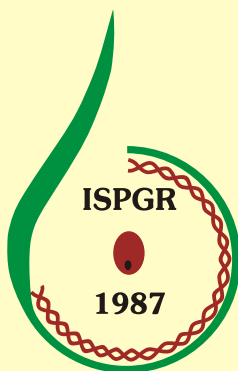
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December

Su	Mo	Tu	We	Th	Fr	Sa
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5	6	7	8	9	10	11
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Indian Society of Plant Genetic Resources



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