



# INDIAN PHYTOPATHOLOGICAL SOCIETY

Division of Plant Pathology

Indian Agricultural Research Institute

New Delhi 110012

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[www.ipsdis.org](http://www.ipsdis.org)

## Election Circular

### ELECTION OF OFFICE BEARERS

Final ballot paper having the names of the candidates contesting for office bearer of the Society is being sent herewith. Please record your vote by putting **(X)** against the name of person whom you wish to elect for the particular office. Please put the final ballot paper in envelop marked "A" and put in the envelop marked "B" together with slip "C" after filling required information and duly signing it. Seal the envelop "B" and send it to the Secretary, Indian Phytopathological Society, Division of Plant Pathology, Indian Agricultural Research Institute, New Delhi 110012 so as to reach not later than **February 08, 2018**.

**Note :** Members of the Society (Annual/Life) having less than two years of continuous standing during (2016 & 2017) and those who have not paid annual dues by July 31, 2017 are not eligible to vote or contest election for any office bearer of the Society. With reference to 69th Annual General Body Meeting decision, from next year i.e. 2018, the election will be held online only (preliminary & final), hence **you are requested to kindly provide your valid email as well as mobile number alongwith the final ballot to enable us to make your user ID and password for voting purpose.**

Dinesh Singh  
(Secretary)

November 15, 2017

**Brief Biodata**  
**Prof. (Dr.) J. Kumar FNAAS**

Educated at GBPUAT, Pantnagar for M.Sc. and Ph.D.; Post-doctoral Fellow & Project Scientist, IRRI, Philippines.

**Present Occupation:** Dean, College of Agriculture, GBPUAT, Pantnagar (2011-2016 and Sept. 2017 to date).

**Recent Past Occupation:** Vice-Chancellor, GBPUAT, Pantnagar, September 2016-September 2017.

**Past Occupations:** Full Professor for the past 21 years; Professor & Head (2007-2012), Director, Centre of Advanced Faculty Training in Plant Pathology (2007-2012) GBPUAT, Pantnagar; Dean (2011- 2016), College of Agriculture, GBPUAT, Pantnagar (Also selected as Director, Experiment Station, GBPUAT, Pantnagar (2012); Registrar (2010-2012, 2014 -2016), GBPUAT, Pantnagar; Visiting Scientist, IRRI, Philippines, 1997, 1998, 2001, 2002 and Cornell University, USA, 1999, 2000; INRA, France, 2004. Director Research on deputation at the newly created University of Horticulture & Forestry, Ranichauri (Jan-June, 2007).

**Awards/Honors:** Prof. M.J.Narasimhan Academic Merit Award of IPS, 1985; Jawahar Lal Nehru Award of the ICAR for Outstanding Postgraduate Research in Agriculture, 1986; Pesticide India Award of SMPP, 1987 and 2006; Rockefeller Foundation Biotechnology Career Fellow, 1998; UTTRAKHAND RATTAN Award, 2007; Member, Research Advisory Committee, VPKAS, Almora; IICR, Nagpur and IITH, Srinagar; Vice-President, Indian Society of Plant Pathologists (2009-11); Plant Pathology Leadership Award of IPS, 2012; Chairman, Advisory Committee of the National Fund for Basic Strategic and Frontier Application Research in Agriculture "Relationship between *Sclerotium rolfsii*, *Rhizoctonia solani*, the soil and climatic variables in three major cropping system in the country and identification of markers for resistance to *Sclerotium rolfsii*", 2013-2018; Member, ICAR's expert committee to work out the Minimum Standards of Higher Agricultural Education, 2014; Convener, Agriculture Sciences and Member, ICAR's V Dean's Committee for Higher Education, 2014; NAAS Fellow (w.e.f. Jan 2015); Member, Research Advisory Committee, ICAR-IIOR, Hyderabad, 2016-19.

**Research interests:** Pathogen population characterization and population genetics, biological control of biotic and abiotic stresses, and plant disease management on small farms.

**Achievements:** Published more than 100 refereed research papers/reviews in international/national journals. Prepared several books, compendia, monographs, lab manuals published by international and national publishers; have been the Rockefeller Biotechnology Career Fellow and an active researcher at IRRI, Philippines, Cornell University, USA and INRA, France; presented research in various conferences/meetings/workshops in India and elsewhere in the world and chaired sessions; served as Principal Investigator/Coordinator of about 20 competitive research projects (including multi-institutional and multi-faculty projects) funded by national and international agencies such as ICAR, NATP, DBT, RKVY, HTMM, DASP, Rockefeller Foundation, etc., besides five All India Coordinated Research Projects of ICAR.

Carried out pioneering research on mango malformation and rice blast pathogen population genetics, and designed a Common Minimum Programme under IPM for small farmers. Based on a series of evidences to establish etiology of Mango Malformation, it was postulated that the disease involved functioning of two principles: malformation inducing principle, which worked through

imbalance in the growth substance and in the conditioning of cells, and toxicity principle that caused growth retardation and toxicity symptoms. The work received Jawahar Lal Nehru Award of the ICAR and was published as a review article "100 years of Mango Malformation" in Annual Review of Phytopathology, USA. Using DNA marker technology established for the first time sexual recombination in *Magnaporthe grisea* (rice blast pathogen) populations and associated a part of the observed variability in the pathogen population in nature due to the latter, a mechanism hitherto unknown. Further, detection of parasexual DNA exchanges in wild type strains under unselected conditions and the existence of merodiploids in nature suggested that parasexual recombination occurred in field populations of *M. grisea*. The research strongly challenged the dogma of clonality as the form of reproduction in this pathogen. Identified scab disease of apple in Uttarakhand hills, studied etiology and biology of the fungus, developed a calendar-based spray schedule for disease management and devised and implemented a disease forecasting system for the region, which reduced disease incidence from near 100% to below 5% in about 10 years in Distt. Uttarkashi in Uttarakhand. Designed and executed a low-cost Common Minimum Programme (CMP) under IPM for the management of diseases and pests in off-season vegetable cultivation under low-input agriculture in Uttarakhand hills, and extended at the end of > 5000 small and marginal farmer from over 95 villages. Currently pursuing biological control of biotic and abiotic stresses in plants. Biochemical and molecular evidences revealed that selected *Trichoderma harzianum* (Th) isolates could reduce significantly the parameters affected by high salinity and drought in wheat and rice. In another research, development of a triple combination of copper-based fungicide with chitosan-based plant strengthener and *Trichoderma* as a bio-control agent to improve the performance of the copper-fungicide against *Phytophthora infestans* in spite of a concomitant reduction in application rates was devised under knowledge-based plant protection. Future research focuses on developing a triple combination of the three active ingredients targeting – copper, chitosan and *Trichoderma* into successful marketable product.

So far guided 24 M.Sc. and Ph.D. students in Plant Pathology, Microbiology and Molecular Biology and Genetic Engineering, of which several students received awards. Taught various courses at undergraduate and postgraduate levels.

Associated with the development and release of FOUR varieties of small millets for Uttarakhand hills. Filed a patent 'Designing PCR based detection & diagnostic assay for *M. oryzae*, directly from infected seeds of rice, using PWL2 gene specific primer'.

Credited with establishing discipline of Plant Pathology at Hill Campus of GBPUAT at Ranichauri; Created one of the most equipped Molecular-cum-Biocontrol and Plant Pathology laboratories at Ranichauri; contributed in the establishment of a 'state-of-art' Biocontrol laboratory and an International School of Agriculture at GBPUAT, Pantnagar.

### **Brief Biodata Dr. M.P. Thakur**

**Personal details:** Borne on 24<sup>th</sup> June, 1961 at Nainpur (Mandla) in MP, graduated and post graduated (Plant Pathology) in Agriculture with Honours and doctorate from JNKVV, Jabalpur. Joined as Jr. Scientist at RARS, JNKVV, Harda in 1988. Moved to IGKV, Raipur in 1988 as Asstt. Professor, then elevated as Assoc. Professor in 1995, Professor in 2003, Professor and Head (Plant Pathology), IGKV, Raipur in 2012-13 and 2006. Became Dean, SKS CARS, Rajnandgaon in 2013-14, SK CARS, Kawardha in 2007-12. Joined as Director, Extension Services at IGKV, Raipur in May, 2014 and continuing till date.

**Contribution to Society:** As Zonal President of IPS, New Delhi in 2013, serving as Sectional Editor of “Fungal Pathology” of Indian Phytopath.; served as Editor of Indian Phytopath.. Organised 66<sup>th</sup> Annual Meeting and National Conference of IPS at Indira Gandhi Krishi Vishwavidyalaya (IGKV), Raipur in 2014 as Co-Organising Secretary, Zonal Meet (Central Zone) of IPS and National Conference at IGKV, Raipur as Organising Secretary in 2014. Life Member of IPS, New Delhi. Invited as Convener “Extension plant pathology : challenges to implement” during 6<sup>th</sup> International Conference of IPS in 2016. Organizing Committee of 6<sup>th</sup> International Conference of IPS invited me as Chairman of “Session 19:Mushroom fungi: friend of human being”; adjudged me as Chairman, Poster Evaluation Committee; Served as MEMBER, Advisory Committee of 6<sup>th</sup> International Conference. Served as MEMBER in the International Advisory Committee of 14<sup>th</sup> International Trichoderma and Gliocladium Workshop in 2016. Motivated many members to become Life Member of IPS from Central Zone. Invited by the society to deliver Key Note Addresses during several International/National Conferences. Invited to write Review Article, published several research papers in Indian Phytopath, write Book Chapters in the publication of the society.

**Awards/Honours:** Recipient of Merit Scholarship; ICAR-Junior & Senior Research Fellowship, ICAR, New Delhi, Visiting Fellowship of Shanghai Academy of Agricultural Sciences, Shanghai (China); Visiting Fellow of ICRISAT at Patancheru (A.P.); Fellowship for Training of In Service Young Scientist in 1991 from MPCOST, Bhopal (M.P.) to work at IARI, New Delhi; As Member, RAC of ICAR-Directorate of Mushroom Research, Solan (H.P.) from 2013-16; “Best Worker Award” of IGKV, Raipur in 2001; Life Time Achievement Award during 3<sup>rd</sup> International Conference at Management Development Institute of Singapore in 2017; Best Poster Award during International Conference on Biodiversity, Bioresources and Biotechnology in 2014 at Mysore; Brijia Gopal Sharma Memorial All India Best Agriculture Extension Worker Award–2016 by SADHNA, Solan (H.P.); “Distinguished Scientist Award” by Society for Scientific Development in Agriculture and Technology, Meerut (U.P.) in 2016; “Krushi Mauli Award – 2017” under the category of “Best Agriculture Education and Study” during Global Agriculture Exhibition - 2017 at Nasik (MS); Award of “Krishi Shree” by Education Minister in 2007; Zonal Councilor of West Zone of Indian Society of Mycology and Plant Pathology, Udaipur (Raj.); Editor in Chief of Journal of Agricultural Issues published by IGKV, Raipur; Editors, Scientific Journals like Mushroom Research, Journal of Mycology and Plant Pathology, Journal of Agricultural Issues; “Fellow” of two prestigious societies, Indian Society of Mycology and Plant Pathology, Udaipur (Raj.) and Indian Society of Pulses Research and Development, Kanpur (U.P.).

**Institutional Awards:** Under my leadership as DES, the university bagged two National Awards, Best KVK National Award to KVK, Dantewada in 2016; Mahindra Agri India Award (Winner) to KVK, Kanker in 2017 and 04 ICAR Best Zonal Awards to KVK, Dantewada, Ambikapur, Kanker and Korea in 2017. Awarded “Certificate of Appreciation” at the National level for submission of maximum number of farmers varieties for registration under PPV & FRA, New Delhi.

**Publication:** Four Books, 102 Research Papers, 4 Review Articles, 10 book chapters, 27 Bulletins, 80 Popular Articles, guided 38 PG/Ph.D. Thesis, presented a research paper in International Conference at Mexico & Singapore; 70 research papers as Key Note Speaker/Guest Lecture and 148 as Oral speakers/Posters in National/International Seminars; Chaired/Co-chaired dozens of International/Asian/National Seminars; handled 30 Ad-hoc Research projects; organized 18 Kisan Mela/Zonal Conference/Western Region Fare/Exhibitions; 127 National/State Level Trainings for the entrepreneurs on Mushroom and benefitted >6500 rural youths/women/farmers/ landless labourers and provided them self employment for income generation, attended 12 International/National Training.

# INDIAN PHYTOPATHOLOGICAL SOCIETY

Final Ballot Paper

(Last date for receipt of final ballot paper : February 08, 2018)

NO. ....

Please record your vote by putting (X) against the name of person who you wish to elect

President-Elect (2018)	J. Kumar		
	M.P. Thakur		
<b>Zonal Chapters (2018)</b>			
Delhi	Zonal President	Diwakar Bahukhandi	Unopposed elected
	Zonal Councillor	Lakshman Prasad	
Western	Zonal President	K.D. Thakur	Unopposed elected
	Zonal Councillor	S.B. Bhamhankar	
Eastern	Zonal President	-	to be nominated
	Zonal Councillor	-	
Northern	Zonal President	-	to be nominated
	Zonal Councillor	-	
Mid-Eastern	Zonal President	-	to be nominated
	Zonal Councillor	-	
Southern	Zonal President	-	to be nominated
	Zonal Councillor	-	
North-Eastern	Zonal President	-	to be nominated
	Zonal Councillor	-	
Central	Zonal President	-	to be nominated
	Zonal Councillor	-	

**Note:** Please keep this slip in envelope "A"



(C)  
I am a member of Indian Phytopathological Society and have duly paid my subscription in full by 31.07.2017

**Signature** \_\_\_\_\_

**Name** \_\_\_\_\_

**Address** \_\_\_\_\_

**\*Email** \_\_\_\_\_

**\*Mobile** \_\_\_\_\_

\*Email ID and Mobile Number are required for online voting. From 2018 and onwards, election will be held online only.

**Note:** Please keep this slip in envelope "B".