

THE PAST GENERAL PRESIDENTS OF INDIAN SCIENCE CONGRESS

<i>Session</i>	<i>Year</i>	<i>Place</i>	<i>Name</i>	<i>Title of the Presidential Address</i>
1st	1914	Calcutta	Hon.Justice Sir Asutosh Mookerjee	About Science Congress
2 nd	1915	Madras	Hon.Surgeon-General W.B.Bannermann	The Importance of Knowledge of Biology to Medical, Sanitary and Scientific Men Working in the Tropics
3 rd	1916	Lucknow	Colonel Sir Sidney G.Burrard	The Plains of Northern India and their Relationship to the Himalayan Mountains
4 th	1917	Bangalore	Sir Alfred Gibbs Bourne	On Scientific Research
5 th	1918	Lahore	Gilbert T.Walker	On Teaching of Science
6 th	1919	Bombay	Lt.Colonel Sir Leonard Rogers	Researches on Cholera
7 th	1920	Nagpur	Acharya Prafulla Chandra Roy	Dawn of Science in Modern India
8 th	1921	Calcutta	Sir Rajendra Nath Mukherjee	On Science and Industry
9 th	1922	Madras	Mr.C.S.Middlemiss	Relativity
10 th	1923	Lucknow	Sir M.Visvesvaraya	Scientific Institutions and Scientists
11 th	1924	Bangalore	Dr.N.Annandale	Evolution Convergent and Divergent
12 th	1925	Banaras	Dr.M.O.Forster	On Experimental Training
13 th	1926	Bombay	Mr.Albert Howard	Agriculture and Science
14 th	1927	Lahore	Sir J.C.Bose	The Unity of Life
15 th	1928	Calcutta	Dr.J.L.Simonsen	On Chemistry of Natural Products
16 th	1929	Madras	Professor C.V.Raman	On Raman Effect
17 th	1930	Allahabad	Col.S.R.Christopher	The Science and Disease
18 th	1931	Nagpur	Lt.Col.R.B.Seymour Sewell	The Problem of Evolution - Experimental Modification of Bodily Structure
19 th	1932	Bangalore	Rai Bahadur Lal Shiv Ram Kashyap	Some Aspects of the Alpine Vegetation of the Himalaya and Tibet
20 th	1933	Patna	Sir Lewis L.Fermor	The Place of Geology in the Life of a Nation

<i>Session</i>	<i>Year</i>	<i>Place</i>	<i>Name</i>	<i>Title of the Presidential Address</i>
21 st	1934	Bombay	Professor M.N.Saha	Fundamental Cosmological Problems
22 nd	1935	Calcutta	Dr.J.H.Hutton	Anthropology and India
23 rd	1936	Indore	Sir U.N.Brahmachari	The Role of Science in the Recent Progress of Medicine
24 th	1937	Hyderabad	Rao Bahadur T.S. Venkatraman	The Indian Village – Its Past, Present and Future
25 th	1938	Calcutta	Sir James Jeans (Lord Rutherford of Nelson dies prematurely)	Researches in India and in Great Britain
26 th	1939	Lahore	Professor J.C.Ghosh	On Research in Chemistry in India
27 th	1940	Madras	Professor B.Sahni	The Deccan Traps : An Episode of the Tertiary Era
28 th	1941	Banaras	Sir Ardeshir Dalal	Science and Industry
29 th	1942	Baroda	Dr.D.N.Wadia	The Making of India
30 th	1943	Calcutta	Dr.D.N.Wadia	Minerals' Share in the War
31 st	1944	Delhi	Professor S.N.Bose	The Classical Determinism and the Quantum Theory
32 nd	1945	Nagpur	Sir Shanti S.Bhatnagar	Give Science a Chance
33 rd	1946	Bangalore	Professor M.Afzal Husain	The Food Problem of India
34 th	1947	Delhi	Pandit Jawaharlal Nehru	Science in the Service of the Nation
35 th	1948	Patna	Colonel Sir Ram Nath Chopra	Rationalisation of Medicine in India
36 th	1949	Allahabad	Sir K.S.Krishnan	—
37 th	1950	Poona	Professor P.C. Mahalanobis	Why Statistics?
38 th	1951	Bangalore	Dr.H.J.Bhabha	The Present Concept of the Physical World
39 th	1952	Calcutta	Dr.J.N.Mukherjee	Science and Our Problems
40 th	1953	Lucknow	Dr.D.M.Bose	The Living and the Non-living
41 st	1954	Hyderabad	Dr.S.L.Hora	Give Scientists a Chance
42 nd	1955	Baroda	Professor S.K.Mitra	Science and Progress
43 rd	1956	Agra	Dr.M.S.Krishnan	Mineral Resources and Their Problems
44 th	1957	Calcutta	Dr.B.C.Roy	On Science for Human Welfare and Development of the Country

<i>Session</i>	<i>Year</i>	<i>Place</i>	<i>Name</i>	<i>Title of the Presidential Address</i>
45 th	1958	Madras	Prof.M.S.Thacker	Grammar of Scientific Development
46 th	1959	Delhi	Dr.A.L.Mudaliar	Tribute to Basic Sciences
47 th	1960	Bombay	Professor P.Parija	Impact of Society on Science
48 th	1961	Roorkee	Professor N.R.Dhar	Nitrogen Problem
49 th	1962	Cuttack	Dr.B.Mukherji	Impact of Life Sciences on Man
50 th	1963	Delhi	Professor D.S.Kothari	Science and the Universities
51 st / 52 nd	1964/ 1965	Calcutta	Professor Humayun Kabir	Science and the State
53 rd	1966	Chandigarh	Professor B.N.Prasad	Science in India
54 th	1967	Hyderabad	Professor T.R.Seshadri	Science and National Welfare
55 th	1968	Varanasi	Dr.Atma Ram	Science in India – Some Aspects
56 th	1969	Bombay	Dr.A.C.Joshi (Prof.A.C.Banerjee died prematurely)	A Breathing Spell : Plant Sciences in the Service of Man
57 th	1970	Kharagpur	Dr.L.C.Verman	Standardization : A Triple Point Discipline
58 th	1971	Bangalore	Dr.B.P.Pal	Agricultural Science and Human Welfare
59 th	1972	Calcutta	Professor W.D.West	Geology in the Service of India
60 th	1973	Chandigarh	Dr.S.Bhagavantam	Sixty Years of Science in India
61 st	1974	Nagpur	Professor R.S.Mishra	Mathematics – Queen or Handmaiden
62 nd	1975	Delhi	Professor (Mrs.) Asima Chatterjee	Science and Technology in India : Present and Future
63 rd	1976	Waltair	Dr.M.S.Swaminathan	Science and Integrated Rural Development
64 th	1977	Bhubaneswar	Dr.H.N.Sethna	Survey, Conservation and Utilisation of Resources
65 th	1978	Ahmedabad	Dr.S.M.Sircar	Science Education and Rural Development
66 th	1979	Hyderabad	Professor R.C. Mehrotra	Science and Technology in India During the Coming Decade(s)
67 th	1980	Jadavpur	Professor A.K.Saha	Energy Strategies for India
68 th	1981	Varanasi	Professor A.K.Sharma	Impact of the Development of Science and Technology on Environment

<i>Session</i>	<i>Year</i>	<i>Place</i>	<i>Name</i>	<i>Title of the Presidential Address</i>
69 th	1982	Mysore	Professor M.G.K. Menon	Basic Research as an Integral Component of Self-reliant Base of Science and Technology
70 th	1983	Tirupati	Professor B. Ramachandra Rao	Man and the Ocean – Resource and Development
71 st	1984	Ranchi	Professor R.P.Bambah	Quality Science in India – Ends and Means
72 nd	1985	Lucknow	Professor A.S.Paintal	High Altitude Studies
73 rd	1986	Delhi	Dr.T.N.Khoshoo	Role of Science and Technology in Environmental Management
74 th	1987	Bangalore	Professor (Mrs.) Archana Sharma	Resources and Human Well-being – Inputs from Science and Technology
75 th	1988	Pune	Professor C.N.R.Rao	Frontiers in Science & Technology
76 th	1989	Madurai	Dr.A.P.Mitra	Science & Technology in India : Technology Missions
77 th	1990	Cochin	Professor Yash Pal	Science in Society
78 th	1991	Indore	Professor D.K.Sinha	Coping with Natural Disaster : An Integrated Approach
79 th	1992	Baroda	Dr.Vasant Gowariker	Science, Population and Development
80 th	1993	Goa	Dr.S.Z.Qasim	Science and Quality of Life
81 st	1994	Jaipur	Professor P.N. Srivastava	Science in India : Excellence and Accountability
82 nd	1995	Calcutta	Dr.S.C.Pakrashi	Science, Technology and Industrial Development in India
83 rd	1996	Patiala	Professor U.R.Rao	Science and Technology for Achieving Food, Economic and Healthy Security
84 th	1997	Delhi	Dr.S.K.Joshi	Frontiers in Science & Engineering and Their Relevance to National Development
85 th	1998	Hyderabad	Professor P.Rama Rao	Science & Technology in Independent India : Retrospect and Prospect
86 th	1999	Chennai	Dr.(Mrs.) Manju Sharma	New Bioscience : Opportunities and Challenges as we Move into the Next Millennium
87 th	2000	Pune	Dr.R.A.Mashelkar	Indian S & T into the Next Millennium
88 th	2001	New Delhi	Dr.R.S.Paroda	Food, Nutrition and Environmental Security

<i>Session</i>	<i>Year</i>	<i>Place</i>	<i>Name</i>	<i>Title of the Presidential Address</i>
89 th	2002	Lucknow	Professor S.S.Katiyar	Health Care, Education and Information Technology
90 th	2003	Bangalore	Dr.K.Kasturirangan	Frontier Science and Cutting-Edge Technologies
91 st	2004	Chandigarh	Professor Asis Datta	Science and Society in the Twenty First Century : Quest for Excellence
92 nd	2005	Ahmedabad	Professor N.K.Ganguly	Health Technology as Fulcrum of Development for the Nation

Title of Addresses of Sectional Presidents of 92nd Session

Section	President	Title
<i>Agriculture & Forestry Sciences</i>	Prof. Saroj Kumar Sanyal	Arsenic Contamination in Agriculture : A Threat to Water-Soil-Crop-Animal-Human Continuum
<i>Animal, Veterinary & Fishery Sciences</i>	Prof. B. D. Joshi	Relevance of Fish Haematology in Monitoring their Health and the Aquatic Environment
<i>Anthropological and Behavioural Sciences (including Archaeology and Psychology & Educational Sciences)</i>	Dr. Mahesh Bhargava	Positive Psychology and Holistic Health
<i>Chemical Sciences</i>	Prof. V. K. Saxena	An Account of Studies on Some Indigenous Medicinal Plants – The Reservoir of Potential Therapeutic Agents
<i>Earth System Sciences</i>	Prof. B. Satyanarayana	Geo-Hazards—Indian Scenario
<i>Engineering Sciences</i>	Prof. T. S. Kamal	Telemedical Information System : The Mantra of Health Care
<i>Environmental Sciences</i>	Prof. Shelley Bhattacharya	Survival Strategies in a Compromised Environment: Molecular Rescue Pathways
<i>Information and Communication Science & Technology (including Computer Sciences)</i>	Prof. K. K. Aggarwal	Information Technology and Society
<i>Materials Science</i>	Dr. Neeraj Khare	Novel Electronic Materials
<i>Mathematical Sciences (including Statistics)</i>	Prof. M. A. Pathan	A New Perspective on Lie Theory and Special Functions

Section	President	Title
<i>Medical Sciences (including Physiology)</i>	Dr. P. K. Banerjee	Physical Fitness and Physiology of Human Performance
<i>New Biology (including Biochemistry, Biophysics and Molecular Biology and Biotechnology)</i>	Prof. R. V. Hosur	NMR in Structural Biology
<i>Physical Sciences</i>	Prof. R. S. Sirohi	Speckle Interferometry and Some Biomedical Applications
<i>Plant Sciences</i>	Prof. R. C. Rajak	Fungal Diversity : Perspectives, Issues and Opportunities

Platinum Jubilee Lectures of 92nd Session

Section	Speaker	Title
<i>Agriculture & Forestry Sciences</i>	Dr. Dipak Sarkar Kolkata	Natural Resource Appraisal and Management : An Ultimate Option Towards Evergreen Revolution
<i>Animal, Veterinary & Fishery Sciences</i>	Prof. R. N. K. Bamezai New Delhi	Genotype-Phenotype Correlations in Simple and Complex Disorders- Mapping of Unknown
<i>Anthropological and Behavioural Sciences (including Archaeology and Psychology & Educational Sciences)</i>	Dr. (Mrs) Veena Sinha Patna	Focus on Somatic Problems
<i>Chemical Sciences</i>	Dr. C. M. Gupta Lucknow	Resurgence of Medicinal Herbs in Drug Discovery
<i>Earth System Sciences</i>	Prof. M. P. Singh Lucknow	Indian Palaeontology : Looking forward to the future
<i>Engineering Sciences</i>	Dr. S. K. Salwan Jallander	Technology Transfer and Technology Management in Indian Environment
<i>Environmental Sciences</i>	Dr. Amit Ghosh Chandigarh	Global Environmental Change and the Re-emergence of Infectious Diseases: The Cholera Paradigm
<i>Information & Communication Science & Technology (including Computer Sciences)</i>	Prof A. S. Kolaskar Pune	Bioinformatics : Past, Present and Future
<i>Materials Science</i>	Prof. Suresh Chandra Varanasi	Solid State Ionics : A Journey from Innovative Basic Science to New Technologies
<i>Mathematical Sciences (including Statistics)</i>	Prof. Jagdish Chandra Misra, Kharagpur	Mathematical Modeling in Biology and Medicine

Section	Speaker	Title
<i>Medical Sciences (including Physiology)</i>	Prof. Chandan K. Sen Columbus	Revisiting Oxygen: Beyond Oxidative Metabolism into the New Era of Signaling and Genomics
<i>New Biology (including Biochemistry, Biophysics & Molecular Biology and Biotechnology)</i>	Prof. Jayant B. Udgaonkar Bangalore	How do Proteins Fold?
<i>Physical Sciences</i>	Prof. T. P. Singh New Delhi	Drug Development-A Rational Structure-Based Approach and an India Challenge
<i>Plant Sciences</i>	Dr. S. P. Kanuja Lucknow	Plant Metabolomics: The Approach for Prospecting Bioactive Phytomolecules for Novel Drugs

Titles of Symposia organised by the Sections of 92nd Congress

Section	Topic(s)
<i>Agriculture and Forestry Sciences</i>	<p>Agricultural productivity in relation to quality of natural resources : Issues, challenges and strategies</p> <p>Biodiversity in relation to sustainable agroforestry : Advances and Challenges</p>
<i>Animal, Veterinary and Fishery Sciences</i>	<p>Status of aquatic environment, fish health sciences & their production</p> <p>Human health & parasites of domesticated animals</p>
<i>Anthropological and Behavioral Sciences (including Archaeology and Psychology & Educational Sciences)</i>	<p>Psychosomatic technologies for human well being</p> <p>Role of behavioural sciences in combating mental health problems</p>
<i>Chemical Sciences</i>	<p>Role of chemistry in sustainable National development</p> <p>Frontiers in analytical and spectroscopic techniques an overview of existing emerging scenario</p>
<i>Earth System Sciences</i>	<p>Fossil fuels and alternative energy resources and the Society</p> <p>Challenges of water resources management in India in the 21st Century</p>
<i>Engineering Sciences</i>	<p>Telemedicine for benefit of society</p> <p>Health Care Environment and Public Health Engineering</p>
<i>Environmental Sciences</i>	<p>Environmental toxicology, epidemiology and biomarkers</p> <p>Endocrine disrupters and reproductive health</p>

Section	Topic(s)
<i>Information and Communication Science & Technology (including Computer Sciences)</i>	Tele-Health: ICT as a tool
	Bio-informatics education and training
<i>Materials Science</i>	Exotic materials and devices
<i>Mathematical Sciences (including Statistics)</i>	Ramanujan's mathematics yesterday and today
	Wavelets and approximation of functions
<i>Medical Sciences (including Physiology)</i>	Emerging research areas in integrated Physiology and Medicine
	Ergonomics and occupational health physical training and positive health
<i>New Biology (including Biochemistry, Biophysics and Molecular Biology and Biotechnology)</i>	NMR in health care
	Frontiers in modern biology
<i>Physical Sciences</i>	Physics in health care
	Biomedical optics
<i>Plant Sciences</i>	Plant genetic resources for better living
	Sustainable utilization of microbial diversity for development of a healthy nation

**Speakers and Topics/Titles of the Symposia/Invited Lectures/
Special Lectures organised in Sections of 92nd Congress**

Section & Speaker	Topic/Title
<i>Agriculture & Forestry Sciences</i>	Special Lecture <i>Chair</i> : P. Pushpangadan
Surya N. Acharya	Contribution of forage crops to biodiversity and sustainability of agro-forestry
S. P. S. Khanuja	Bioprospecting plant diversity for therapeutic and aromatic values to create opportunities for participatory conservation and livelihood communities
	Symposium on : Agricultural Productivity in Relation to Quality of Natural Resources : Issues, Challenges and Strategies
	<i>Chair</i> : K. S. Dhillon and Dipak Sarkar
A. Subba Rao	Measures for sustaining productivity and encuring soil quality under intensive agriculture
Neil C. Turner	Increasing crop productivity while maintaining environmental sustainability : The Australian experience
Susanta Kumar Roy	Strategic post-harvest management of fruits and vegetables to meet the challenges of food security and other pressing issues
Anil Kumar Singh	Enhancing agricultural productivity through efficient management of water resources— Issues, challenges and strategies
Dipak Sarkar	Land resources and their quality towards optimum agricultural production
K. S. Dhillon	Environmental implications of soil contaminants

Section & Speaker	Topic/Title
<i>Agriculture & Forestry Sciences (contd.)</i>	
	Symposium on : Bio-diversity in Relation to Sustainable Agroforestry : Advances and Challenges <i>Chair</i> : Swati Sen-Mandi
G. J. Sharma	Plant based anti-oxidant against free radical-induced human diseases
Rakesh Kumar Jain	Unexplored soil microorganism research for sustainable agro-forestry
Swati Sen-Mandi	Overexpression of Acety Co A Carboxylase confers high seeding vigour for rapid plant establishment
<i>Animal, Veterinary and Fishery Sciences</i>	
	Special Lecture <i>Chair</i> : P. N. Srivastava R. N. K. Bamezai
R. C. Sobti	Impact of human papiloma virus on the genesis of human cancers particularly of oral cavity & cervix
M. P. Yadav	Monitoring & surveillance of emerging diseases of livestock of poultry
B. N. Pandey	Studies on adaptational Winter Pseudoanaemia in Indian fresh water teleosts
P. K. Sahoo	Health management in aquaculture
	Symposium on : Status of aquatic environment, fish health & their production <i>Chair</i> : Santosh Kumar D. K. Gupta
R. Ramamurthi	Anti tumor necrosis factor alpha Monoclonal antibody (Infliximab) treatment of Transcription factor KB(NFkB) in skin of patients with Modera

Section & Speaker	Topic/Title
<i>Animal, Veterinary and Fishery Sciences (contd.)</i>	
W. S. Lakra	Recent Advances in Biotechnology Applications to Aquaculture & Fisheries
Geetha Bali	Bioremediation : A novel method for detoxification of contaminated sites
	<i>Chair</i> : R. Ramamurthi D. K. Gupta
M. K. Jyoti	A Review on the fishery potential of reservoirs with special reference to Ranjit Sagar
A. K. Ray	Role of Probiotics in maintenance of aquatic health
S. K. Kulshrestha	Residues of pesticides in Indian Aquatic ecosystems
Neelima Gupta	Haematozoan Infectivity and Anaemia in fishes
H. S. Rose	Man and Conservation of biodiversity with arthropods in focus through emphasis on butterflies and moths: General and Specific views
N. C. Datta	Conservation at crossroads : An overview of the status of aquatic environment in India
Santosh Kumar	Degradation of environment with special reference to pesticide & their management through inhibitory kinetics of enzyme acetylcholinesterase
	Symposium on: Human Health & Parasites of Domesticated Animals
	<i>Chair</i> : K.C.Pandey
	<i>Co-chair</i> : Nirupama Agrawal
A. P. Sahu	Environmental Air Pollution and Increasing Trends of Asthmatic Disorder : Possible Preventive Study

Section & Speaker	Topic/Title
<i>Animal, Veterinary and Fishery Sciences (contd.)</i>	
J. P. Mittal	Prospects of ex-situ conservation of ovine biodiversity <i>Chair</i> : M. P. Yadav <i>Rapporteur</i> : G. C. Pandey
Rishendra Verma	Current research on bovine tuberculosis in India : An overview
J. Mahanta	Paragonimus and Paragoniasis in India
D. Bhatt	Circannual Rhythms in spotted munia with special reference to seasonal reproduction <i>Chair</i> : Geetha Bali <i>Co-Chair</i> : Ashok K. Saxena
Asha Chandola Saklani	Thyroid hormone profile of human population of Garhwal, Himalaya Region
Akhileshwari Nath	Indiscriminate use of pesticides causing toxicity and future prospects bioremediation
S. V. S. Rana	Cellular responses to chemical stress
N. K. Arora	Injection safety in India and challenges ahead <i>Chair</i> : N. K. Arora <i>Co-Chair</i> : S. K. Trivedi
L. S. Rajpurohit	Sociobiology of Hanuman Langur, <i>Semnopithecus entellus</i>
Sunil Kumar	Occupational exposure and reproductive Dysfunction

Section & Speaker	Topic/Title
<i>Anthropological and Behavioural Sciences (including Archaeology and Psychology & Educational Sciences)</i>	Invited Lectures
	<i>Chair</i> : B. N. Roy
	<i>Rapporteur</i> : S. K. Singh
A. S. Patel	Qualitative Research Data & Statistical Analysis in Social Sciences
A. K. P. Sinha	Fostering Excellence in Education
	Symposium on : Psychosomatic Technology for Human Well-being
	<i>Chair</i> : S. N. Banerjee
	<i>Rapporteur</i> : Sunita Gupta
Uma Roy	Evaluation of Different Psychotropic Agents including Herbal Medicine on Aggression Behaviour of Laboratory Mammals
Upindhar Dhar	Constituent Factors of Organizational Health – A Microscopic View
Madhu Mathur	Emotional Relaxation
N. R. Parmar	Psycho-somatic Technologies for Human Well-being
S. R. Tripathy	Physical Stress and Work Performance
	Symposium on : Role of Behavioural Sciences in Combating Mental Health Problem
	<i>Chair</i> : D. M. Pestonjee
	<i>Rapporteur</i> : S. A. M. Yusuf
Lutfun Rasul Saikia	Coping Resources for Management of Mental Health Problems of Single Women (Widows)
Praveen Kumar Jha	Psycho-dynamics of Social Change and Need for Mental Health Interventions
S. N. Banerjee	A Study of Overt Aggressive Behaviour of Recidivist and Non-Recidivist Groups of Prison Inmates
S. C. Kannawala	Health Psychology in the 21 st Century

Section & Speaker	Topic/Title
<i>Chemical Sciences</i>	Invited Lecture
	<i>Chair</i> : S. B. Mahato
Michael D.Threadgill	The heterocyclic medicinal Chemistry of 5-amino isoquinolin-1-one (5-AIQ) and other PARP-1 inhibitors
	Symposium on : Role of Chemistry in Sustainable National Development
	<i>Chair</i> : Jag Mohan
Bani Talapatra	Plant Derived Natural Products, Their Scope and Utilization in National Development
R. K. Agarwal	“Studies on the Effect of Various Anions and Diphenyl Sulfoxide on Stereochemistry of Lanthanide (III) Co-ordination Compounds of 4 [N-2'-Hydroxy-1'-Naphthalidene) Amino] Antipyrine Semi Carbazone”
A. P. Mishra	Bioinorganic Chemistry : Some Reflections
Shivadhar Sharma	Challenging and Exciting Role of Chemistry Ahead
Surendra Prasad	Catalytic Abstraction of Cyanide in Hexacyanoferrate (II) by Mercury (II) in the presence of a-nitroso-b-naphthol as indicator Reaction for Determination of Mercury (II) by Kinetic Method
	Symposium on: Frontiers in Analytical and Spectroscopic Techniques: An Overview of Existing Emerging Scenario
	<i>Chair</i> : Bani Talapatra
R. D. Kaushik	Kinetic Spectrophotometric Estimation of Mn (II) Known Malapaaradian Periodate Oxidation
K. S. Pitre	Microfaradaic electrodes—Useful Voltametric probes

Section & Speaker	Topic/Title
<i>Chemical Sciences (contd.)</i>	
M. R. Mourya	Structural Models of Vanadate Dependent Haloperoxides and their Intermediate Species During Catalytic Activity
A. K. Banerjee	Frontiers in analytical techniques
Ranjeet K. Verma	The versatility of thermo-analytical techniques
<i>Earth System Sciences</i>	
Special Lectures	
<i>Chair</i> : V. K. Verma	
S. S. Thigale	Merging interfaces of faculties in the context of Geoeducation
R. Pavan Guru	Geoenvironmental studies on Kothagudem Coal Fields, Godavari Valley coal belt, Andhra Pradesh, India
Michel Raith	Monazite : A key for unraveling the metamorphic history of orogenic belts
Anshu Kumar Sinha	Fossil fuels and alternative energy resources and the society
Symposium on : Challenges of Water Resources Management in India in the 21st Century	
<i>Chair</i> : P. R. Reddy	
<i>Rapporteur</i> : H. B. Srivastava	
P. R. Reddy	Application of Space Technology for addressing drinking water problem in India
H. S. Sharma	Ground water quality and management in Rajasthan
L. N. Mathur	Saline water management in arid and semi arid zone of Rajasthan
P. Mookherjee	Integrated water conservation approach in a periurban semi arid region

Section & Speaker	Topic/Title
<i>Earth System Sciences (contd.)</i>	
V. K. Verma	Elixir of Life : The Water
	Symposium on : Fossil fuels and alternative energy resources and the society
	<i>Chair</i> : B. Satyanarayana
K. R. Naga Raj	Fossil fuels and alternative energy resources and the society
Prithvish Nag	Challenges in Water Resources Management in India 21 st Century
<i>Engineering Sciences</i>	
	Symposium on: Tele-medicine for Benefit of Society
	<i>Chair</i> : Ramadhar Jha
Saroj Aggarwal	Environment challenges & biodegradable polymers
Varsha Bhatia	IT literacy for e-healthcare system in rural and remote areas
	Symposium on: Health Care-Environment and Public Health Engineering
	<i>Chair</i> : T. S. Kamal
Girdhar J. Gyani	Institutionalizing quality culture in a scientific organization
<i>Environmental Sciences</i>	
	Special Lecture
Debdas Mukherjee	Health impact of environmental pollution and possible preventive measures to lower the risk
	Symposium on : Environmental Toxicology, Epidemiology & Biomarkers
	<i>Chair</i> : Shelley Bhattacharya

Section & Speaker	Topic/Title
<i>Environmental Sciences (contd.)</i>	
Geetha Bali	Application of cyanide degrading Bacteria in detoxification of water contaminated with industrial effluents
A. K. Santra	Liver Cell injury in arsenicosis
I. V. C. Joy	Ecotoxicity evaluations using Biomarker responses in soil Ecosystems
Symposium on : Endocrine Disrupters and Reproductive Health	
Swami Vedajnanda	Common effluent treatment plant (CETP) for wastewater management in cluster of tanneries
P. C. Joshi	Impact of anthropogenic encroachments on population dynamics of insects in a moist deciduous forest in Uttaranchal, India
Dhyanendra Kumar	Causes, Effects and Remedies of Pesticide and Heavy Metal Toxicity in Fish
J. P. Mittal	Improving reproductive health of sheep through hormonal therapy
Saumen Kumar Maitra	Light as an Endocrine Disrupter of Melaton in Biosynthesis: Implications in Animal Reproduction & Humanhealth
Aparna Dutta Gupta	Rapid signaling and non-genomic action of ecdysteroid hormone in insects
<i>Information & Communication Science & Technology (including Computer Sciences)</i>	
Special Lectures	
Indira Ghosh	In Silco New Development in Drug Design
Sajal K. Das	Pervasive community computing paradigm in smart environments with applications to healthcare and security

Section & Speaker	Topic/Title
<i>Information & Communication Science & Technology (including Computer Sciences) (contd.)</i>	
V. N. Shukla	Integrating high-end human resource development of research benefiting engineers for meeting global requirements in IT
Symposium on : Tele-health	
<i>Chair</i> : S. B. Nimse	
Tej Pal Singh	Development of anti-inflammatory agents using structure-based rational drug design with phosphoipase a2(P1a2) and cyclooxygenase 2 (cox-2) as targets
Sneh Anand	Telemedicine technology meets National mass health care needs
R. K. Verma	Modernizing Indian Delivery System to Patient Using IT as a Management and Administration Tool
K. Ganapathy	Telehealth – The Reinvention of Healthcare
Symposium on : Bio-informatics	
<i>Chair</i> : K. K. Aggrawal	
I. N. Latha	Sanjeevini : A Integrated Computational Protocol for Automated Lead Molecule Design
Devendra Jalihal	Using Technology Effectively in Providing Quality Healthcare in Remote Places
M. D. Desai	Rural Health Care in India - A Challenge
M. Ramesh	Virtual reality – A boon for surgical training

Section & Speaker	Topic/Title
Materials Science	
	Invited Lecture
	<i>Chair</i> : G. B. Donaldson
Tamio Endo	Double layer stackings of YBCO/LBMO and electrical/magnetic properties
	Symposium on : Exotic Materials and Devices
	<i>Chair</i> : S. Chandra, R. K. Pandey and R. C. Agrawal
G. B. Donaldson	SQUID for NDE and Healthcare
V. D. Vankar	Recent Developments in Carbon Nanotubes and Nanostructures
O. N. Srivastava	Nano-Science and Technology: Perspective and Present Prospects
A. K. Tyagi	Frame-work solids: Classic example of structure and property correlation
R. K. Pandey	Self organized semiconducting Quantum Dots : Synthesis properties
Mathematical Sciences (including Statistics)	
	Special Guest Lecture
	<i>Chair</i> : M. K. Singal
H. P. Dikshit	Mathematics in computer aided design
	Invited Lectures
	<i>Chair</i> : A. P. Singh
R. Kulkarni	A dynamical perspective on classical complex analysis
V. P. Saxena	Mathematical modeling of air Pollution in industrial and other Urban regions

Section & Speaker	Topic/Title
<i>Mathematical Sciences (including Statistics) (contd.)</i>	Symposium on : Ramanujans Mathematics Yesterday and Today
	<i>Chair</i> : M. A. Pathan
A. K. Agarwal	n-colour partition theoretic interpretations of some mock theta functions
R. Y. Denis	Influence of hypergeometric function on Ramanujan's mathematics
P. K. Banerjee	Dirichlet averages : A new concept on the special functions
S. N. Singh	On Ramanujan's Tau functions
M. Azhar Hussain	Generating functions of generalized orthogonal polynomials
S. Ahmed Ali	Ramanujan last discovery
S. P. Singh	A Note on Bailey's transform.....
	Symposium on: Waveletes and Approximation of Functions
	<i>Chair</i> : A. K. Agarwal
K. K. Dewan	Some recent advances in the Theory of polynomials
H. H. Khan	Approximation by summability Operators
	Invited Lectures
	<i>Chair</i> : V. P. Saxena, S. P. Arya
S. C. Arora	Lorentz spaces and composition operators
A. P. Singh	Faton components in angular regions
H. S. Dhani	Mathematical linguistics
A. H. Khan	Characterization of distributions through conditional moments of generalized order statistics

Section & Speaker	Topic/Title
<i>Mathematical Sciences</i> <i>(including Statistics) (contd.)</i>	
S. B. Nimse	Topological Structures
K. Vasudha	Relative invertible operator ...
G. C. Sharma	Diffusion approximations for $G X / G Y / R$ Machine repair
Madhu Jain	Multilevel control of degraded Machine system
<i>Medical Sciences</i> <i>(including Physiology)</i>	
Special Guest Lectures <i>Chair</i> : R.S.Yadav	
Amiya Kr. Hati	Malaria in Techno-century
Hira Nakhasi	Strategies to control Leishmaniasis
Symposium on : Physical Training and Positive Fitness and Health Promotion	
Alok K. Banerjee	Health Fitness and Society – Role of Physical Education
G. L. Khanna	Sport science inputs for physical fitness and health promotion
U. S. Ray	Physical training in armed force : Past, present and future
Symposium on: Emerging Research Areas in Integrated Physiology and Medicine	
Manas K. Mandal	Functional asymmetry of cerebral Hemispheres: Evidence from Neuropsychological research
Rakesh Kr. Sharma	Nano particulate carries for drug delivery
A. C. Majumdar	Stem cell research in reproductive biology in India

Section & Speaker	Topic/Title
<i>Medical Sciences (including Physiology) (contd.)</i>	
M. K. Chakrabarti	Mechanism of action of heat stable Enterotoxin secreted by non01 Non0139 Vibriion cholerae
Amar K. Chandra	Factors other than iodine deficiency in endemic goiter
Krishna Dalal	Reflexology guided diagnosis, prevention & treatment of acute and chronic disorders
Symposium on : Ergonomics Occupational Health	
P. K. Nag	Trends of Ergonomics in Indian Industries
Ramnik Parekh	Occupational Health in India : Current perspective and path ahead
D. Majumdar	3D motion analysis and force plate Technology in Ergonomics of Load Carriage
A. Roy Chowdhury	Occupational Health Hazards in Indian Chemical Industry – A review
L. P. Gite	Ergonomics Scenario in Indian Agriculture
P. C. Dhara	Ergonomics appraisal of rice cultivation in West Bengal
Subrata Ghosh	Study of Oxydative stress & altered lung function in occupationally exposed traffic personnel of Kolkata and its possible remedy
<i>New Biology (including Biochemistry, Biophysics and Molecular Biology and Biotechnology)</i>	
Symposium on : Frontiers in Modern Biology	
<i>Chair</i> : R. V. Hosur	
T. Kawasaki	Roles of a serum lectin, Mannan-binding protein, in innate immunity
R. V. Thampan	Protein-Protein interactions associated with estrogen receptor biology: Some novel

Section & Speaker	Topic/Title
<i>New Biology (including Biochemistry, Biophysics and Molecular Biology and Biotechnology) (contd.)</i>	
Anand P. Tyagi	Changes in genomic structure during formation of allopolyploids between <i>Arabidopsis thaliana</i> and <i>Arabidopsis arenosa</i>
D. Panda	Polymerization dynamics of FtsZ and microtubules : Functional and therap
	<i>Chair</i> : B. P. Chatterjee and B. J. Rao
B. J. Rao	Genome Instabilities and Molecules that correct them
M. Bansal	Role of DNA Structure in its Function
B. Jayaram	A computational protocol for predicting tertiary structures of Small Alpha Helical
	<i>Chair</i> : Vedpal S. Malik and R. H. Das
Rohit Mittal	Understanding SUMO
Sib Sankar Roy	The role of PitK and Plod isoforms in hypothyroid induced Reproductive disorders
J. P. Mittal	Potential of reproductive biotechnology in sheep production
Sudipta Maiti	New microscopes: Making the invisible visible in neurobiology
<i>Physical Sciences</i>	
	Invited Lectures
	<i>Chair:</i> Kehar Singh and Theo Lasser
Theo Lasser	From structure to function – New optical imaging modalities for biology and medicine
S. Maiti	Protein Malfolding and Ordered Aggregation

Section & Speaker	Topic/Title
<i>Physical Sciences</i>	
Symposium on: Physics in Health Care	
<i>Chair</i> : T. P. Singh, Kehar Singh and V. K. Rastogi	
N. R. Jagannathan	Role of Nuclear Magnetic Resonance (NMR) Technique in Health Care
Kehar Singh	Polarimetric Imaging for Bio-Medical Applications
Asima Pradhan	Polarized Fluorescence Technique for Tumor Diagnosis
S. Mukherji	Body Surface DC Electropotentials in Early Diagnosis of Near-Surface Carcinoma
R. M. Vasu	Applications of Optical Tomography and Elastography for Early Detection of Cancer
W. Selvamurthy	Bio-Medical Technology for Health Care : An Indian Perspective
V. R. Singh	Ultrasonics in Cancer Research : Future Directions in Diagnostic and Treatment
Narmada P. Gupta	Energies in Urology
R. P. Singh	Nanotechnology – A Revolutionary Discipline in Health Care
<i>Plant Sciences</i>	
Special Lecture	
<i>Chair</i> : T. N. Lakhan Pal	
V. M. Katoch	Protecting our Microbial Biodiversity by use of Appropriate Technology and Strategies

Section & Speaker	Topic/Title
<i>Plant Sciences (contd.)</i>	
Invited Lectures	
<i>Chair</i> : T. Satyanarayana, T. N. Lakhan Pal, V. Anand and S. P. Khullar	
M. K. Rai	Phenomics Biophysical Phenotyping to access the efficiency of Arbuscular mycorrhizal fungi in sustainable agriculture
Ved Pal Singh	Biodiversity: A Treasury of Billion Dollars
S. S. Sandhu	Mycopesticides, Biotechnology and Vector Control
B. L. Chaudhary	Fungal pretreatment of maize cob heart and water hyacinth for enhanced biomethanation
<i>Chair</i> : R. C. Rajak and T. N. Lakhanpal	
U. C. Lavania	Resourcing genetic resources via somatic Mutation
T. N. Lakhanpal	Nutraceuticals from Mushrooms : Past Present and Future
T. Satyanarayana	Exploiting Thermophilic Microbial Diversity for Starch Saccharifying Enzymes
P. K. Singhal	Bioremediation : A Sustainable Environmental Biotechnology
N. Anand	Cyanobacteria as biofertilizers and source of novel useful products
I. D. Arya	Micropropagation techniques in Bamboos
Pushpa Srivastava	Impact of low voltage electric field on the cell contact of spirulina

List of Young Scientist Awardees for 2004-2005

Section	Name of the Awardee(s)	Title of Paper(s)
<i>Agriculture and Forestry Sciences</i>	Abhijit Das Patent Office, Kolkata Govt. of India Kolkata-700016	Isolation and Characterization of Thylakoid Bound Ascorbate Peroxidase(TAPX) Gene from Wheat
	T. Damodaran Central Agricultural Research Institute Port Blair-744101	Banana Breeding-Towards Development of Resistance to <i>Fusarium</i> wilt and Nematodes
<i>Animal, Veterinary and Fishery Sciences</i>	Tanu Allen Toxicology Lab., Department of Zoology Dept.of Environment Ch.Charan Singh University Meerut-250004	Hepatotoxicity of Arsenic Trioxide in Hyper and Hyper and Hypothyroidic Rats
	J. A. Johnson Dept.of Biotechnology Malankara Catholic College of India, Western Ghats Mariagiri,Kaliakavilai-629153	Influence of Habitat Structure on Fish Assemblages in Streams
<i>Anthropological and Behavioural Sciences (including Archaeology and Psychology & Educational Sciences</i>	Sudesna Chanda Dept.of Anthropology University of Calcutta 35, Ballygunge Circular Road Kolkata-700019	A Study on Variation of Head Hair of Primates
	Sharuti Saini Dept.of Psychology Guru Nanak Dev University Amritsar (Punjab)	A Study of Effects of Impulsiveness and Gender on Environmental Schema-Schematization

Section	Name of the Awardee(s)	Title of Paper(s)
<i>Chemical Sciences</i>	Subhendu Mukherjee Dept.of Chemical Technology University of Calcutta 92, A.P.C.Road Kolkata-700009	QSAR Studies on Binding Affinity of Estrogenic Flavonoids
	Nilesh Rane School of Chemical Sciences Devi Ahilya University Indore-452017	Synthesis and QSAR Modelling of 3-Aryl-6- (4-Nitrophenylazo)-5- (2-Pyridinyl)-5- Dihydro-1H,6H-Pyrimido [4, 5-D] Pyrimidin-2,4,7-Trione
<i>Earth System Sciences</i>	Nihar Ranjan Tripathy Dept. of Geology Banaras Hindu University Varanasi-221005	Strain Partitioning and AMS Fabrics within the Thrust Sheet: An Evolutionary of The Footwall of Main Central Ghrust Zone,Bhagirathi Valley Garhwal Himalaya
	Pratima M. Kessarkar National Instt. of Ocenography Dona Paula-403004	Sedimentological and Isotopic Characteristics of Turbidites in the Distal Bengal Fan
<i>Engineering Sciences</i>	Deepankar Choudhury Deptt. of Civil Engineering Indian Instt.of Technology Powai Mumbai-400076	Characterization of Proble- matic Swelling Soil for Foundation Design
<i>Environmental Sciences</i>	Richa Parasher Environmental Engg.Lab., Deptt. of Civil Engg., I.I.T., Kanpur	Biodegradation of Crude oily Thermophilic Bacteria
	Jaysankar De Biological Ocenography Divn. National Instt. of Oceanography Goa-403004	Toxic Waste Bioremediation by Mercury-Resistant Marine Bacteria

Section	Name of the Awardee(s)	Title of Paper(s)
<i>Information and Communication Science & Technology (including Computer Sciences)</i>	Ansuman Banerjee Deptt. Of Computer Science and Engineering Indian Instt. of Technology Kharagpur-721302	Open Verification : A New Paradigm for Formal Property Verification of Reactive Systems
<i>Materials Science</i>	S. K. Tripathi Deptt. of Physics North Eastern Regional Instt. of Science & Technology Nirjuli (Itanagar)	Electrochemical Super-capacitors Based on Amorphous MnO ₂ Electrodes and Polymeric Gel Electrolytes
<i>Mathematical Sciences (including Statistics)</i>	Vinayak V. Joshi Deptt. of Mathematics Govt.College of Engg. Pune	On Semidistributive Pairs in Posets
	R. Suresh Kumar Deptt.of Statistics University of Madras Chennai	Shock Model When the Threshold had a change of Distribution after a Change Point
<i>Medical Sciences (including Physiology)</i>	Triparna Sen Deptt.of Genetics University College of Science Technology & Agriculture University of Calcutta Kolkata	Spectrum of p53 Gene Mutation in some Highly Prevalent Human Cancers in India
	Sutapa Chakraborty Dept. of Environmental Carcinogenesis and Toxicology C.N.C.L. Kolkata	Apoptosis Inducing Activity of Curcumin in Leukemic EILs : A Mechanistic Study

Section	Name of the Awardee(s)	Title of Paper(s)
<i>New Biology (including Biochemistry, Biophysics & Molecular Biology and Biotechnology)</i>	Shreedhara Gupta Dept. of Biological Chemistry Infectious Diseases Group Indian Instt.of Chemical Biology Kolkata-700032	Isolation of Leishmania by a Rapid Method
	Kruti Shah The Gujarat Cancer & Research Institute Asarwa Ahmedabad	A Study of Expression of Antigens in Acute Lympho- blastic Leukemia by flow Cytometry
<i>Physical Sciences</i>	Ruchi Mishra Dept. of Physics Dr. H. S. Gour Vishwa Vidyalaya, Sagar	Low Energy Transverse Acceleration of Ions in Cusp : An Explanation Using Loss-Cone Distribution Function
<i>Plant Sciences</i>	V. Girija Shankar Genetic Transformation Lab., International Crops Research Instt. for Semi-Arid Tropics (ICRISAT), Patancheru Hyderabad	Effect of Promoters on Bt Transgene Expression in Sorghum (Sorghum Bicolor (L.))
	R. Uma Maheshwari Centre for Advanced Studies in Botany, University of Madras Guindy Campus Chennai	Desiccation Induced Changes in the Cyanobacterium <i>Tolypothrix Scytonemoides</i>

**List of Awardees judged as *Best Poster* presented
during the 92nd Indian Science Congress-2005**

Sections	Name of the Awardee(s)	Title of Paper(s)
<i>Agriculture & Forestry Sciences</i>	Vipin Chaudhary Central Arid Zone Research Institute Jodhpur	Field evaluation of second generation anticoagulants for the control of rodents inhabiting arid ecosystems
	Archana Srivastava BMBSTC 27, Malviya Industrial Area Jaipur	Bioreclamation of Gypsum Mined out Area
<i>Animal Veterinary & Fishery Sciences</i>	Payal Singh P.G.Dept. of Zoology A.S. College, Mawana, Meerut	Ameliorative Effects of <i>Aloe Vera</i> Extract in <i>Aflatoxin B1</i> induced Intestinal injury in Rat
	Mallika Chaudhury Defence Food Research Lab., Sidharthanagar, Mysore	Changes in the quality of Vanaspati during Chicken Frying
<i>Anthropological & Behavioural Sciences (including Archaeology and Psychology & Educational Sciences)</i>	Himbala Manglam Colonyon Danapur Patna	Influence of Parenting Style on Children's Divergent Thinking and Cognitive Style
	S. V. Hittalmani Deptt. of Anthropology Karnatak University Dharwad	Biological Impact of Fluorosis among the People of Mundargi Taluk of Gadag,
<i>Chemical Sciences</i>	L. R. Pandey H.S.Gaur University Sagar	Studies on Cobalt-, Nickel and Copper (II) Complexes of Schiff Bases Derived from 4-hloroben-zaldehyde
	Garima Sumran Department of Chemistry Kurukshetra University Kurukshetra	Organohypervalent Iodine(III) Mediated Synthesis of 1-Aryl- 4-Methyl-1,2,4-Triazolo [4,3-a] Quinoxaline

Sections	Name of the Awardee(s)	Title of Paper(s)
<i>Earth System Sciences</i>	S. S. Manral Naval Physical & Oceanographic Laboratory P.O.Thrikkakara, Kochi	Estimation of AVO Response for Low Impedance Gas Sand Reservoir
	Babita Sharma Department of Earth Sciences Kurukshetra University Kurukshetra	Frequency Dependent Attenuation Studies of Seismic in Himachal Himalaya
<i>Engineering Sciences</i>	Damodar Magdum CSSTEAP-UN, SAC., I.S.R.O., Ahmedabad	Propagation Impairment on Ka-Band Satcom Links in Tropical Regions
	M. V. Bhaskar Rao D-5/79 Kendriya Vihar Baba Nilayam, Yelahanka(po) Bangalore	Design and Development of hi-tech methodologies hybridizing subsystems in generating highly efficient, economic and reliable electricity from Solar Thermal Power Generation Plants(STPGP)
<i>Environmental Sciences</i>	S. J. Gandhi Department of Biochemistry National Institute of Occupational Health (ICMR) Meghaninagar Ahmedabad	Studies on the Levels of Reproductive and Thyroid Hormones in Spray Painter
	Subarna Bhattacharyya Meghanath Saha Institute of Technology Heritage Instt. of Technology Kolkata	Studies on Biomedical Waste Management and Handling in a City Hospital of Kolkata

Sections	Name of the Awardee(s)	Title of Paper(s)
<i>Information & Communication Science & Technology (including Computer Sciences)</i>	H. Ravi Sankar Central Tobacco Research Instt. Rajamundry	Information of System for FCV Tobacco Production and Marketing Trends in India
	Chintan Naik Shrimad Rajchandra Instt. of Management Tarsadi	Real Time Broadcasting of Windows Desktop-Issues and Solutions
<i>Materials Science</i>	D. P. Singh National Physical Lab. Dr.K.S.K.Road New Delhi	Magnetotransport and Conduction Noise in Polycrystalline Manganite Thin Films
	Ashish Warriar Deptt. of Material Science Sardar Patel University Vallabh Vidyanagar	Fracture and Mechanical Properties of High Density Unidirectional Carbon/Carbon Composites
<i>Mathematical Sciences (including Statistics)</i>	R. K. Yadav Dept.of Mathematics & Statistics, J.N.Vyas University, Jodhpur	On q-Laplace Transforms of Certain q-Hypergeometric Polynomials-II
	N. U. Khan Department of Mathematics Aligarh Muslim University Aligarh	Some Multivariable Gaussian Hypergeometric Extensions of Preece Theorem
<i>Medical Sciences (including Physiology)</i>	O. S. Tomer Defence Institute of Physiology & Allied Science Timarpur, Delhi	Cardiovascular Haemodynamic Changes During the Practice of Yogic Breathing Maneuvers
	K. Jayashree, JSS Medical College Department of Pathology Mysore	VEGE as a Prognostic marker in Cancer

Sections	Name of the Awardee(s)	Title of Paper(s)
<i>New Biology (including Biochemistry Biophysics, & Molecular Biology and Biotechnology)</i>	B. C. Narasimha Prasad Central Food Technological Research Institute Mysore	Induction of Phenyl Propanoid Pathway(ppp) Intermediates and capsaic- inoids by biotic and Abiotic Elicitors in Cell Cultures of Bird Eye Chilli (<i>Capsicum Frute- scens Mill</i>)
	Savita Yadav A.I.I.M.S., New Delhi	Crystal Structure of Schistatin a disintegrin homodimer from Saw Scale Viper (<i>Echis cari- Natus</i>) at 2.5 Ao Resolution
<i>Physical Sciences</i>	B. B. Parekh Crystal Growth Laboratory Department of Physics Saurashtra University Rajkot	Growth Inhibition and Characterization of Hydroxyapatite Crystals
	Veenasangeeta Sortur Karnataka University Dharwad	Laser Raman and Infrared Spectra, Assignments and Electronic Structure Calcu- lations for 2-iodopyridine
<i>Plant Sciences</i>	Anuradha Bandyopadhyay Central Research Instt. for Jute & Allied Fibres Barrackpore Kolkata	Screening and Characteri- zation of antagonistic potential of some rhizos- phere fungi and PGPR against <i>Macrophomina</i> <i>Phaseolina</i> inciting Disease complex in jute
	Tillottama Roy Mycological Res. Lab., Dept. of Biological Science R.D.University, Jabalpur	Fungi : An Ultimate Source for Keratinous Waste Degradation

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60. Dr. Sujit Kumar Bhattacharya, Kolkata

New Biology (including Biochemistry, Bio- physics & Molecular Biology and Biotech- nology)

61. Prof. Parul Chakrabarti, Kolkata

Physical Sciences

62. Prof. Vitthal Kumar Farkya Gupta,
New Delhi

Plant Sciences

63. Prof. S. P. Vij, Solan

Elected Members of the Council

64. Prof. R. Ramamurthi, Tirupati

65. Dr. Ashok K. Saxena, Kanpur

66. Dr. M. G. Tiwari, Deoghar

67. Prof. V. K. Verma, New Delhi

68. Dr. Manoj K. Chakrabarti, Kolkata

69. Dr. K. Jeevan Rao, Hyderabad

70. Prof. P. V. Arunachalam, Tirupati

Representative of The Kolkata Municipal Corporation

71. Shri Nilangshu Bhusan Basu, Kolkata

Co-opted Member of the Finance Committee

72. Prof. A. K. Barua, Kolkata

Co-opted Members of the Establishment Committee

73. Dr. H. S. Maiti, Kolkata

74. Dr. Dipak Sarkar, Kolkata

Editor-in-Chief of Everyman's Science

75. Prof. S. P. Mukherjee, Kolkata

Representative of Indian National Science Academy (INSA) Council

76. Prof. Anupam Verma, New Delhi

P E R S O N N E L

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Dr. Amit Krishna De

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 Mr. Sandip Kumar Chowdhury
 Mr. Kiriti Gopal Mukhopadhyay

Group III (2)

Mr. Ramsadhan Mukhopadhyay
 Mr. Subir Kumar Hajra
 Mr. Bhaskar Das Gupta
 Mr. Ram Chandra Banerjee

Group III(1)

Mr. Raghunath Chattopadhyay
 Mr. Himanshu Kumar Banerjee
 Mrs. Manju Bhattacharyya
 Mr. Jayanta Kumar Pal

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 Mrs. Indrani Das
 Mr. Santu Kumar Ghosh

Group II (2)

Smt. Swasti Roy
 Mr. Kaushik Kumar Nandy
 Mr. Tuhin Ghosh

Group II (1)

Mr. Sambhunath Chatterjee
 Mr. Akshya Kumar Patra
 Smt. Sudama Devi Pandit
 Mr. Dipankar Dey

Staff Car Driver

Mr. Baidyanath Biswas

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Mr. Sudhansu Chowdhury
 Mr. Krishna Bhujel
 Mr. Prabhu Dayal Singh

Group I (1)

Mr. Subhas Das