

Brief Resume of Members, Scientific Committee

Chairperson



Dr.Sushil Kumar

Former Director & Vice-chancellor of NDRI (Deemed University); M.Sc.& Ph.D. in Food Technology from CFTRI, Mysuru; did training in Food Technology at Royal Veterinary & Agricultural University, Denmark; possesses a professional experience of about 38 years in Research, Education and Management; has also chaired Consortia Advisory Committee of ICAR-World Bank Project (2009 to 2014); a recipient of Lifetime achievement awards in the area of Higher Education of International Association of Educators for World Peace (2008); IMSA Lifetime Achievement Award (2016) in the field of Livestock Products Technology; Ch. Charan Singh National Award (2007); National Productivity Council of India Productivity Award (2005), etc.; has written 114 publications on livestock products technology; currently, involved with the scientific activity of ICAR, DRDO, SAUs, ASRB, etc.

The Independent Expert



Dr. Narpinder Singh

Currently, the Professor and Coordinator (UGC-SAP) at Dept. of Food Science and Technology, Guru Nanak Dev University; did Ph.D. Food Technology from Punjab Agricultural University (PAU) Ludhiana; has interest/specialization in starch and protein chemistry, extruded products, modified starches, baked products, cereal & legumes quality, milling, product development, selection of raw material etc.; has worked as The Royal Society Visiting Fellow, University of East Anglia, Norwich (UK), Visiting Professor at Kansas State University (USA) and Dept. of Human & Health Sciences, Osaka City University (Japan), and as Visiting Scientist at Institute of Food Research, Norwich (UK); the 'Fellow' of prestigious "Indian National Science Academy (INSA), "National Academy of Sciences, India (NASI) "National Academy of Agricultural Sciences " (NAAS). Has also been awarded many other awards like Fellow Association of Food Scientists and Technologist (AFSTI), S. Bishan Singh Samundri Memorial Lecturership Award by G.N.D.U, Certificate of Appreciation by PAU, Ludhiana, J. C. Bose National Fellowship by DST, The Rafi Ahmed Kidwai Award by ICAR etc.; has more than 150 publications, which include research papers, review papers, book reviews, book chapters and one book published by "The Royal Society of Chemistry"; besides also working as Editor-in-Chief of Journal of Food Science and Technology (Springer) and on the editorial board of International Journal of Food Science and Technology (Blackwell Publisher) and Food Research International (Elsevier).

The Independent Expert



Shri K.N. Gurudutt

The former Head, Food Safety and Analytical Quality Control Laboratory (2004-09), Scientist G, CSIR-Central Food Technological Research Institute (CFTRI); holder of B.Sc. (Hons.) degree (1968) in Chemistry & M.Sc. (1970), Bangalore University, and Ph.D. degree in Chemistry (1975), University of Delhi; carried out extensive research in the area of Chemistry of Foods for over 30 years; for a brief period, was also in-charge of the Central Instrument Facility; served as a member of the Central Committee of Food Standards (CCFS) of DGHS, Ministry of Health and Family Welfare; Scientific Panel on Food Additives of FSSAI (2009-16); has been scientific advisor to several food and chemical industries; coordinated countrywide training programmes for all stakeholders in food regulation and business under the WHO-sponsored Capacity Building Project on Food safety and Drug Control; published around 50 research papers in peer reviewed journals and also secured 13 patents.

The Independent Expert



Dr. Lalitha Gowda

Retired Chief Scientist from CSIR-Central Food Technological Research Institute, Mysuru (2014); did Ph. D. in Biochemistry from Baylor University, Texas, USA; post-doctoral training at the Department of Biochemistry, University of Cambridge, UK; has research and teaching career spans over 30 years in the areas of structural biology of plant proteins, food science, detail-focused analytical food safety, and a solid understanding of food safety regulations; received CV Raman Young Scientist Award for Life Sciences (1997), Government of Karnataka, Best teaching assistant award, Baylor University, Sridevi Memorial Gold Medal (1st Rank) in M. Sc. Biochemistry, University of Madras; served as a Member of the Food Safety and Standards Authority, India, GEAC, Ministry of Environment, Forests & Climate Change and the Scientific Panel on Methods of Analysis and Sampling; published 85 papers in high impact peer reviewed journals of international repute; mentored twelve students for their Ph.D. in Biochemistry; guided thirty five Masters Students for their dissertation; currently, working as a nominee of Ministry of HRD to Board of Governors of NIT, Surathkal (K), and a resource person for several training programs on food analytics and Good Food Laboratory practices.

The Independent Expert



Dr. G.S.Toteja

Currently, Scientist-‘G’ and Director of Desert Medicine Research Centre (ICMR), Jodhpur & Head, Division of Nutrition, ICMR Hqrs., New Delhi. Is Ph. D., FAMS with 36 years of research & management experience, and trained in the field of food safety as well; served as a member for seven years for Scientific Panel on Pesticides and Antibiotic Residues of FSSAI, and for Food Authority till recently; participated in WHO-FAO Codex Alimentarius meetings; during the term (33 years) at ICMR, contributed significantly in various areas of food safety and issues related to public health like Aflatoxin content in PAU 201 variety of rice; safety of consumption of lauki juice, khesari dal, antibiotics in honey, issue of Soybean processing, fixing of Maximum Residue Limits (MRLs) of pesticides in carbonated water, fruits & vegetable juices, generated scientific data on pesticide residues in bovine milk, wheat, rice, sugar samples, heavy metals in infant formula, aflatoxin in wheat, rice and maize, etc.

The IndependentExpert



Shri S. Dave

Former Chairperson of Codex Alimentarius Commission (2011-2014); did Master's in Bio-Chemistry (1975) from Lucknow University; Post-Graduation in International Trade from Indian Institute of Foreign Trade (IIFT) (1976); also possesses a degree in Law (1980) from Delhi University; owns a professional experience of about 42 years of which about 32 years is in agriculture trade and food safety; also worked as Advisor in Food Safety and Standards Authority of India (Ministry of Health); and in the Mission of India to the EU at Brussels to look after India's agri. trade interests in the EU; written several SPS / food safety related articles of national and international repute; currently, Chairing FAO / WHO Codex Coordinating Committee for Asia; *Surakshit Khadya Abhiyan*; and a member of Advisory Board of School of Agriculture, IGNOU; Research Advisory Committee of Sriram Institute for Industrial Research (*for research proposals to be funded by DBT or other institutions*); Technical Group on Plant Protection Code of Tea Board of India ,etc.

**The Chairperson, Scientific Panel
on Biological Hazards**



Dr. Iddya Karunasagar

Retired Senior Food Safety Officer at FAO, Rome (2007-2014); was involved in several FAO/WHO Microbiological Risk Assessments and in providing scientific advice to the Codex Alimentarius Commission; did Ph.D. in Microbiology from Mysore University; carried out postdoctoral research at University of Maryland, USA; University of Wurzburg, Germany and University of Sendai, Japan; before joining FAO, served as National Professor of Indian Council of Agricultural Research (ICAR) and as Director of Research of Karnataka Veterinary Animal and Fisheries Sciences University; has also worked as Member of Scientific Committee in FSSAI as an Independent Expert; currently, working as Senior International Consultant with various organizations like the Food and Agriculture Organization (FAO), World Health Organization (WHO) and Asian Development Bank.

**The Chairperson, Scientific Panel
on Cereals, Pulses & Legume and their Products (Including Bakery)**



Dr. Vasudev Singh

Retired Chief Scientist from CSIR-Central Food Technological Research Institute, Mysuru; a holder of B.Sc. Degree (1973) and M.Sc. Degree (1975) in Industrial Chemistry, did Ph.D. (1996) in Food Science, Mysore University; carried out postdoctoral research at NFRIT sukuba, Japan in the area of Food Science and Nutrition; received several awards Life Time Achievement Award for work on Rice chemistry and processing, Starch isolation and modification, Manufacture of RTC multigrain products, (Association of Carbohydrate Chemists and Technologists, Dehra Dun), National Awardee for Teaching Excellence in Food Technology(Indus Foundation)(2013), Distinguished Achievement Award (AABS), University of Agricultural Sciences, Belgaum, Karnataka (2014); handled several National & International projects; guided approx. Masters students, produced 6 Ph.D. candidates; delivered innumerable invited & oral lectures; published 73 research papers & presented 60-70 posters at National & International level; invented several processes with one Patent commercialized to 25 industries; at present working as Faculty member and Course Coordinator of M.Sc. Food Technology, HRD courses of CFTRI and Emeritus Medical Scientist (ICMR) at University of Mysore.

**The Chairperson, Scientific Panel
on Contaminants in Food Chain**



Dr. K.K. Sharma

Network Coordinator, All India Network Project (AINP) on Pesticide Residues, Indian Agricultural Research Institute, New Delhi since 2003 and Member Secretary of Monitoring of Pesticide Residues at National Level since 2005; obtained Ph.D. in Organic Chemistry from University of Delhi; working in the field of pesticide residues and food safety for the last 30 years; has served as Member in Scientific Panel on Pesticide and Antibiotic Residues (2009-2016) of FSSAI; participated in all the sessions of Codex Committee on Pesticide Residues (CCPR) since 2010, CCCF during 2015 and CCSC during 2016 and 2017; provided consultancy to the eight Southeast Asia (SEA) countries under the FAO sponsored project during 2011; published two editions of "Pesticide Residues Analysis Manual" and more than 50 research paper on pesticide residues and analytical methods in the national and International peer reviewed research journals; presently, the Member of the Registration Committee (RC) of Central Insecticide Board and Registration Committee (since 2014) and Invitee to Scientific Panel on Pesticide and Antibiotic Residues.

**The Chairperson, Scientific Panel
on Fish and Fisheries Product**



Dr. S. Ayyappan

Former Secretary, Department of Agricultural Research and Education, and Director General, Indian Council of Agricultural Research (ICAR); now working as NABARD Chair Professor; Adjunct Professor, NIAS, ICAR-NDRI Southern Regional Station, Bengaluru; made significant contributions to research management of the National Agricultural Research System since 1996; has specialization in Fisheries, Aquaculture and Aquatic microbiology; holds a master's degree in Fish Production and Management from the College of Fisheries, Mangalore, Ph.D. from Bangalore University and a recipient of D.Sc. (h.c.) from a number of Universities and National awards; also a Fellow of a number of Academies and Societies; represented the country in several important international fora and served on a number of Committees and Boards; his overseas visits above forty countries have developed a deep understanding and widened the horizon of his vision of agricultural development, especially in the developing countries; also published extensively in areas of fisheries, limnology, and aquatic microbiology.

**The Chairperson, Scientific Panel
on Food additives, Flavourings, Processing Aids and Materials in Contact with Food**



Dr. V. Sudershan Rao

Scientist E (Deputy Director), National Institute of Nutrition, Hyderabad, India; worked extensively on various aspects of food safety like development of methods for detection of adulterants, application of HACCP in unorganized sector, factors influencing household food safety, development of PCR kits for detection of pathogens, exposure assessment of food colours, Total diet study for chemical risk assessment, food risk perceptions and consumer behavior in using the food labels, Training packages for street food vendors to improve food safety; is a recipient of Kejriwal award (1997) for his work on HACCP, Platinum award for his strategy on Street Foods from Futuristic Cities (2010), and Fellow of Society for Applied Biotechnology by Society for Applied Biotechnology (2013); also served as Expert member of Joint FAO/WHO Expert Committee on Food Additives (2008-2016) and FAO (United Nations) Consultant On Street foods; has more than 100 publications on various aspects of food safety in peer reviewed journals and proceedings, 20 chapters in books, and 10 reports; presently, also working as the Expert member of International Dairy Federation, and the Bureau of Indian Standards;

**The Chairperson, Scientific Panel
on Fruits & Vegetables**



Dr. Anil Chauhan

Professor (Food Technology) and Coordinator at Centre of Food Science and Technology, IAS, BHU working as Director, Centre of Advances Faculty Training(CAFT) ICAR, Govt. of India (BHU, Varanasi Centre), Secretary General, International College of Nutrition, Alberta (Canada),President, Association of Food Scientists & Technologists (India) Varanasi –Chapter; has been a Member, UPSSSC, Govt. of Uttar Pradesh)and a visiting scientist in University of Copenhagen, Denmark, Wageningen University, The Netherlands and PTC+ Oenkerk, The Netherlands; also chaired, co-chaired scientific and technical sessions for dozens of National and International conferences/seminars in India and abroad; had successfully organized Five National Conferences/Seminar and one International Conference; published more than three dozen National and International research papers in peer reviewed journals having good impact factor; presently, doing research on Value addition of foods, food products, food safety and quality management and functional foods.

**The Chairperson, Scientific Panel
On Functional foods, Nutraceuticals, Dietetic Products and Other Similar Products**



Dr. S.K. Sharma

Former Advisor (Ayurveda) in the Ministry of AYUSH, Govt. of India for more than two decade and Chairman of Ayurvedic Pharmacopoeia Committee (APC); obtained Ph.D. & M.D.(Ay.) from Banaras Hindu University and Masters in Health Management Policy & Planning from the University of Leeds (U.K.); has also worked as Director, National Academy of Ayurveda (Jaipur), Director Central Research Institute of Yoga (Now Morarji Desai National Institute of Yoga), New Delhi & Medical Superintendent of C.G.H.S. Ayurvedic Hospital, Ministry of Health, New Delhi; has been the Chairman of Scientific Body of Pharmacopoeia Commission for Indian Medicine (PCIM) in 2012-13, a member of Research Councils of various, CSIR institutions e.g. IHBT, Palampur (H.P.), IIIM Jammu, NBRI (Lucknow), CIMAP (Lucknow) & NISCARE (New Delhi) and was actively associated in various scientific committees of CCRAS, ICMR, DBT, D.S.T., and CSIR; during his tenure, the AYUSH Ministry Published 8 Vol. of Ayurvedic Pharmacopoeia of India (API), 3 Vol. of Ayurvedic Formulary of India (AFI) and many other publications relating to the quality standards of Ayurvedic Medicinal plants; as an author has published a dozen high quality research papers in Peer Reviewed Journals, authored as well as written chapter in more than 15 books including the popular and most referred books on Kshar Sutra Therapy in Ano-Rectal Disorder, and Medicinal Plants used in Ayurveda published by National Academy of Ayurveda (GOI).

**The Chairperson, Scientific Panel
on Genetically Modified Organisms and Foods**



Dr. S.R. Rao

Presently, Adviser, Department of Biotechnology (DBT), Minister of Science & Technology, Government of India; is a graduate in Agriculture with Ph.D. in Mycology and Plant Pathology from Indian Agricultural Research Institute, New Delhi; did post-doctoral fellowship in Tottori University, Japan; specialized in Molecular pathology; was visiting scientist at Waite Agricultural Experimental station, Adelaide Australia; during the term in DBT since 1989, was actively involved in establishment of oil palm cultivation in India, several sophisticated biotech infrastructure facilities, forging bilateral collaboration with Asian and /European countries, introduction of Golden rice for research in India, formulation of National Biotech policies, strategic planning and investment matters; also served/serving as member of several Technical Committees of the Government of India; Academic /research councils of Universities/institutions; member-Golden rice Humanitarian Board; Elected Member-Asia Steering Advisory Committee on Capacity Building of Cartagena protocol Secretariat, Convention of Biodiversity Montreal; Member, Liaison Group On Capacity Building of Protocol; currently, also the coordinator in DBT for the establishment of National Biotechnology Regulatory Authority and new biotechnology regulatory Bill; also the founder and editorial board member of Asian Biotechnology Development Review (ABDR) has published 30 research papers in national/international Journals and made several presentations in various national and international conferences.

**The Chairperson, Scientific Panel
On Labelling and claims/Advertisements**



Dr. Satish Kulkarni

After serving NDRI for 38 years, retired as Head NDRI (2015); did graduation from Mysore University, Diploma and Doctorate in Dairy Technology from the National Dairy Research Institute, Bengaluru and Karnal, and post-doctoral research for 2 years in Germany, was awarded PG diploma in Intellectual property rights (2009) by the National Law School University, Hyderabad; during the tenure, carried out research in the areas of Traditional Milk Products, Fermented Milk Products and Convenience Dairy Foods; guided many M.Tech. and Doctoral students and published more than 60 research papers in National & International journals; Dr. Kulkarni and his team were also awarded many awards by the ICAR, AFSTI and other Professional organizations.

**The Chairperson, Scientific Panel
On Meat and Meat Products including Poultry**



Dr. V.V. Kulkarni

Currently Director, National Research Centre on Meat, Hyderabad; has professional experience of about 25 years in the major field of meat science; associated with various research projects in meat science and technology; has good exposure in fresh meat technology, development of newer products, preservation technologies and quality and safety issues of meat and meat products; has also worked in rendering and efficiently utilizing slaughter house by-products; received the prestigious Best teacher award instituted by Tamilnadu Veterinary and Animal Sciences University, Chennai and honoured by a citation by the Alumni Association of Bombay veterinary College, Parel, Mumbai; also a member of Maharashtra Veterinary and Fisheries University, Nagpur and various other National Committees, Chairman of the Bureau of Indian Standards (BIS) on slaughterhouse and meat industry sectional committee (FAD 18) and the President of Indian Meat Science Association; besides published about 41 research articles, published 11 books and guided PG students.

**The Chairperson, Scientific Panel
On Method of Sampling and Analysis**



Dr. S.K. Saxena

Currently Director of Export Inspection Council (EIC) of India, Ministry of Commerce and Industry, Government of India, leads EIC with five regional offices equipped with state of art and accredited laboratories and 35 sub offices across the country; possesses Doctorate degree in Analytical Chemistry from Aligarh Muslim University (AMU); has more than 30 years of experience in Food Regulatory Affairs and Conformity Assessment at national and international level; besides, also a member of JECFA (Joint FAO/WHO Committee), technical committee of GLP and accreditation committee of NABET under QCI, and chairs the accreditation committees at NABL; is also a Member of Editorial Board of a number of Scientific Journals, published 20 Research papers and also contributed chapters in "Handbook of Food Analysis"; is a qualified assessor for ISO: 17025, 17043, 22000, 14001 and HACCP; has worked at senior management level at NDDB and with UN Agencies such as FAO, UNIDO and WHO; served in more than 25 developing and LDCs on short-term assignments; and led Indian delegations at international forums such as CCFIC and CCMAS of Codex; is also actively involved in trade negotiations, addressing the issues of SPS, TBT, NTBs and concluding the MRAs/MOUs with major trade partners of India.

**The Chairperson, Scientific Panel
On Milk and Milk Products**



Dr. G.S. Rajorhia

The eminent Dairy Technologist, is the former Principal Scientist and Professor at ICAR-National Dairy Research Institute Karnal (28 years), a distinguished faculty at G B Pant University of Agriculture and Technology (10 years) and Head of Department, Animal Husbandry and Dairying, Janata (PG) College Ajitmal, Etawah; had pioneered many research and development projects on traditional milk products and perfected continuous technologies besides formulating instant dry mixes and ready to consume products using modern techniques; holds assignments in scientific bodies, forums and industry associations, as chairman, vice president, convener, coordinator and chief editor, etc.; is a recipient of UNDP/ FAO fellowship, received advanced training at Cornell University USA and also earned the Outstanding Dairy Scientist Award of CSIRO Australia to develop long life rice pudding for overseas markets; under his leadership, FAO commissioned a study on Peri-urban livestock production and supply systems in Asian, African and Latin American Countries; besides book chapters, published over 250 research and 200 technical articles; post retirement, advised SGS India and Indian Register Quality Systems for promoting FSMS in food industry for seven years.

**The Chairperson, Scientific Panel
On Oils and Fats**



Dr. R.B.N. Prasad

Retired as Chief Scientist and Head of Centre for Lipid Research of CSIR-Indian Institute of Chemical Technology (CSIR-IICT) in 2015 after 39 years research career in the area of lipid science and technology, is holding an honorary position of Platinum Jubilee Mentor at CSIR-IICT; did Ph.D. in Organic Chemistry from Osmania University; has published over 250 research papers, 20 chapters in books and filed about 85 Indian and Overseas patents; due to his initiative, CSIR-IICT has established 'Centre for Lipid Research' for dedicated research in oils, fats and allied products with State of art facilities; currently also working as the President of Association of Food Scientists and Technologists (India) and past President of Oil Technologists' Association of India.

**The Chairperson, Scientific Panel on
Pesticides and Antibiotic Residues**



Dr. D.K. Kanungo

Former Additional Director General of Health Services, Ministry of Health and Family Welfare, Government of India and Consultant (Toxicology) and also Member Expert Toxicology with CIB & RC, Govt. of India; now working as an Independent International Expert dealing with Medical Toxicology and Human Health Risk Assessment of food, chemicals and pesticides; holds Doctor of Medicine (MD) in Pharmacology and Toxicology and trained in Advance Toxicology from RIVM, The Netherlands and in Japan as well in health hazards; possesses 35 years of working experience as a regulatory toxicologist of Pesticides dealing with Risk Assessment and related subject; main architect of “Guidance document on Toxicology for registration of Pesticides in India” (Based on Kanungo Committee Report) harmonised with OECD in India; has been associated with WHO Core Assessment Group as an Expert in Risk Assessment for more than three decades in preparation of EHC and CICARD on pesticides and chemicals for WHO; also works as a WHO expert, with WHO/FAO Joint Meeting of Pesticide Residues (JMPR) since 2006 & Joint Expert Committee for Food Additives (JECFA), a Member of the Expert Committee on TTC constituted by WHO & EFSA and Member/Chairman of a number of Past and Present Advisory Committees of National and International importance; has been a speaker to several conferences/meetings in domain expertise; besides, also serving as a member of Scientific Panel on Food Additive of FSSAI.

**The Chairperson, Scientific Panel
On Sweets, Confectionery, Sweeteners, Sugars & Honey**



Dr. B.L. Saraswat

Director (Credit/ Cooperation) & Executive Director, National Bee Board, Ministry of Agriculture and Farmers Welfare, Govt. of India; holds Ph.D. in Agril. Economics; with more than 33 years working experience in various Governmental/Public Sector and International organizations, including UNDP, FAO, etc ; received educational award (1983), and best Commodity Board Award in *Krishi Unnati Mela-2016*; published Technical Publications/ Articles/ Souvenirs/ Magazines and Books

**The Chairperson, Scientific Panel
On Water (including flavoured water) & Beverages (alcoholic non -alcoholic)**



Dr. Indira Chakraborty

Former Additional DGHS and Director, All India Institute of Hygiene & Public Health and Chittaranjan Cancer institute; Govt. of India; and Regional Director, MI, IDRC ; presently working as Chief Adviser, Public Health Engineering Department, Govt. of West Bengal and Director, ECL, Coal India; a public health specialist, scholar and environmentalist; has two doctoral degrees Ph.D. and D.Sc. in Biochemistry and is a fellow of numerous organizations and a recipient of the Padma Shri (2014) for her contributions in the fields of public health and environment, the first Eduardo Souma Award by FAO for her pioneering work; Presidents Global Leadership Award in Public Health of the USF, USA, Indira Gandhi National Priyadarshini Award and many more; is active in the area of food and water safety, hygiene, and nutrition in milieu of India and also globally; presently also a consultant for WHO, FAO, UNICEF, World Bank, DANIDA, SIPDA, IDRC etc. in several countries; conducted nearly 100 National and International research projects.

**The Chairperson, Scientific Panel
On Nutrition and Fortification**



Dr. Anura Kurpad

The Professor/Head of Physiology and Nutrition, St John's Medical College, Bangalore is Heading IAEA Collaborating Centre on Nutrition; the Past-President of NSI; Fellow of NAMS and IUNS, and Margdarshi Fellow of the DBT-Wellcome India Alliance; also the Chairman of NIN Scientific Advisory Committee; ICMR Nutrition Division Scientific Advisory Group; ICMR Expert Committee on Nutrient Tolerable Upper Limits, and NIMHANS Ethics Committee; has published over 350 papers, and is a Co-author of Guyton's Textbook of Physiology, Asian Ed.; Co-Editor, Asia Pacific Journal of Clinical Nutrition; Associate Editor, European Journal of Clinical Nutrition, and Editorial Board, J of Nutrition; his interests include energy/protein metabolism and requirements in relation to body composition, pregnancy, child growth and chronic disease, in iron and vitamin B₁₂ metabolism & requirements.
