



A brief Bio-data of Dr. S. K. Tandon

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Dr. S. K. Tandon (born on 20th January, 1948) is currently working as Assistant Director General (Engg.), Indian Council of Agricultural Research(ICAR), New Delhi. He is at present involved in Planning, Co-ordination and Monitoring of Agricultural Engineering Programmes of the Country. He did B.Sc.(Agril. Engg.) in 1971 from Allahabad Agricultural Institute, Allahabad and during all the four years he obtained position in University merit list. He is recipient of IARI Junior Fellowship IARI and Senior Fellowship and did M.Sc. (Agril. Engg.) & Ph. D (Agril. Engg.) with specialization in Farm Power & Machinery from IARI, New Delhi in 1973 and 1982, respectively. He has about 24 years of research and teaching experience and has guided and taught U.G. & P.G. students Advanced Courses in Farm Machinery Design and Advanced Farm Power and Ergonomics(Human Engineering). His area of work has been Solar Energy, No-tillage, Sugarcane mechanization, sowing and planting machines, cotton mechanization, pulse threshing and Ergonomics. The first prototype of tractor operated No-till drill in the country was made by him in the year 1980 and a modified version of this machine is being propagated for use by the farmers on a large scale in India now. He is member of Bureau of Indian Standards (BIS) Sectional Committees on Farm Implement and Machinery (FAD 59), Plant Protection Committee(AFDC-55) and Tractors and Power Tillers Committee (FAD 32) from last about 20 years and has contributed towards formulation of the BIS Standards in the area of Agricultural Engineering.

Dr. Tandon received Department of Science and Technology (DST) Senior Fellowship of European Community and did Post-doctoral in the area of Ergonomics from Silsoe Research Institute, U.K. in 1991. Dr. Tandon has published/presented about 65 Research papers in National and International Journals/International Conferences/National Conferences/Seminars. He published 1st paper on Solar Energy in the Journal of Agricultural Engineering Research of ISAE in 1974.

Dr. Tandon worked in a private company (1974-77) as Sales Engineer/Branch Manager and looked after sales of precision turned components to OEM's. He joined as Assistant Engineer at Punjab Agricultural University (PAU), Ludhiana and worked there from 1980-84. He was selected as Scientist S-2 at Indian Agricultural Research Institute(IARI), New Delhi in 1984 and was appointed member Post-Graduate Faculty of IARI in 1985. He taught and guided M.Sc and Ph.D students for 12 years(1984-96). He shifted to ICAR, HQ, Krishi Bhawan, New Delhi in 1996. He was promoted to Principal Scientist in 1998. He joined as ADG(Engg.), ICAR on 23.11.2006 and had been holding the Additional Charge of ADG(Engg.) since October, 2004. He has served as External Examiner of more than 25 M.Tech students and 15 Ph.D students. He has also served as Member, Board of Moderation, Ministry of Labour, Govt. of India for more than 15 years. He has served as External examiner / Paper Setter for many Universities. He has served

as member Selection Committees of different Universities for appointment of researchers/teachers. He has successfully undergone Advance courses on Computer Applications and Advance course on Management of Agricultural Research Institute/Stations at Nation Agricultural Research Management (NARM) Institute, Hyderabad.

Dr. Tandon is life Member of ISAE, New Delhi, National Safety Council (NSC), Mumbai, Indian Science Congress Association, Kolkata, Association of British Scholars, Allahabad Alumni Association and IARI, Alumni Association, . He has served as Secretary General, Indian Society of Agricultural Engineers (ISAE) during 2000-02 and Secretary for three terms (1986-88, 1992-94 & 1994-96), Secretary, ISAE, Delhi Chapter 1990-92. He also served as Sectional Recorder, Engineering Science Section, Indian Science Congress Association (ISCA) from 2000-02. He was elected Sectional President, Indian Science Congress Association during the year 2002-03. He is recipient of ISAE Student Paper Award (1980), ISAE Distinguished Services Certificate (1984) in recognition of distinguished services to the ISAE and ISAE distinguished Services Award (1991-92) for outstanding contribution in Farm Power and Machinery. He received ISAE ASPEE AWARD for R&D in Farm Machinery and Power in the 1992-94. He was conferred ISAE Fellowship during the XXVII, ISAE Convention held at Dapoli during the year 2004. He has also been conferred the Fellowship of Bioved Society of India. He served as member of Editorial Board of Agricultural Engineering Today and was Ex-Officio Member of Member of Journal Of Agricultural Engineering (JAE) being published by ISAE. He has served as member Editorial Committee of the ICAR Publication entitled "Technologies for Commercial Exploitation". He has been conferred Appointment of Research Board of Advisors 1999 by the Board of Directors of the American Biographical Institute He has successfully helped in organising eight ISAE Conventions. He has delivered more than 50 Radio Talks on All India Radio during Krishi Jagat Programmes and is presently member of Central Grahmin Karyakaram Salakhar Samiti, All India Radio, Akashwani Bhawan, New Delhi. Have served as Chairman, Co-chairman, Rapporteur during various Conventions/Seminars and Workshops. He also Member of Committee for Minimum Performance Standards of tractors and power tillers for Evaluation of Test Reports on Tractors and Power Tiller, Ministry of Agriculture, Department of Agricultural and Cooperation, Govt. of India, Krishi Bhawan, New Delhi. He has been nominated by ICAR to serve as Member of the Committee constituted under the Chairmanship of the Joint Secretary, Department of Industrial Policy & Promotion, for monitoring the nature and quality of technologies being imported, Ministry of Industrial Policy & Promotion Secretariat for Industrial Assistance, Govt. of India. Dr. Tandon is Member of Academic Council of Allahabad Agricultural Institute-Deemed University. He also Member, Board of Management, Sardar Renewable Energy Research Institute, Vallabh Vidya Nagar, Gujarat. He has also served as Technical Advisor, Film Division, Govt. of India and shot a film on Seeding and Planting Equipment. He served as Expert Team Member of DST for granting on-house R&D status to a private company. He has been deputed to U.K., Laos, Vietnam, Bangkok, Uzbekistan and Nepal.

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