

## **Dr. Manoj Khanna**

**A gentle reminder for support and vote for my candidature for Secretary General post for ISAE (2018-21) during voting period starting from Nov 16, 2017 to Dec 16, 2017. Please change your default password and update your details, enabling you to get OTP required for online voting.**

I introduce myself an Agricultural Engineer currently working as Principal Scientist at WTC, ICAR-IARI, New Delhi with additional charge of In- Charge, Farm Operations Service Unit (FOSU). I have been an expert in the field of “Irrigation and Water Resources Management” (Irrigation Engineering) with more than 32 years of professional national and international experience. I completed my Ph.D from University of Melbourne, Australia, M.Tech from IIT Delhi and B Tech from MPUAT, Udaipur. I have also completed Post Graduate Diploma in Business Administration. I have worked extensively in planning, research, teaching, training and extension in the field of irrigation water management both in research institutions as well as in private industry through collaboration and consultation as well as in advisory role.

I have completed many research projects as team leader and associates in the area enhancing water productivity and water use efficiency through traditional and modern irrigation methods, precision farming, ground water quantity assessment and management, climate change impact study and adaptation measures, drought monitoring through drought indices etc. I have developed collaboration through PPP mode with leading private sector in area of enhancing input use efficiency and information delivery system. I have led a joint GEF-World Bank funded project on Water Management innovations for rainfed regions of India. I have been working for national bodies like Central Water Commission, Bureau of Indian Standards (BIS), and National Seeds Corporations as an expert in area of water management and Irrigation modernization and precision irrigation.

I have 30 years rich experience of PG teaching and national and international student research guidance in IARI on topic of great relevance like ground water modelling and management, water and nutrient transport modelling under microirrigation, conservation agriculture, precision irrigation and surface irrigation and fertigation modelling.

My services to ISAE have been appreciated by my executive members in particular and ISAE membership at large. During my last three years rich engagement as Secretary, ISAE (2015-2018) , I had a very valuable learning experience while working with my senior executive Committee members and also through regular interaction with ISAE wonderful international membership. I regularly represented ISAE in national professional associations like Engineering Council of India and enriched my exposure and acquaintance with great professionals. With great help and guidance of the ISAE team I could make contributions in developing Agricultural Engineering Profession. I, as a part of Team ISAE contributed immensely in introducing many new initiatives such as On-line payment systems, Revamping of ISAE Website and making it dynamic, Submission of Awards applications online, Submission of abstracts and Registration for Annual Convention and Online Voting System . In this process, I could acquire national standing amongst Agril engineering professionals both in academia and industry.

With above in backdrop , I have pleasure to present my candidature for the responsibility of Secretary General, ISAE (2018-21) before galaxy of ISAE membership, both national and international, to give me opportunity to contribute further to take ISAE to new heights under the guidance of able team which you all will elect in this election.

**I very eagerly and vehemently looking forward to your support and vote for the Post of Secretary General, ISAE (2018-2021).**

**Please vote on line during election (Between Nov 16 to Dec 16, 2017) by login to your member area (for Example. Userid: LM-xxxx, default password: 123) on [www.election.isae.in](http://www.election.isae.in).**

Thanks

With Regards

Manoj Khanna

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