

Mr. Ashok H. Karva

Chairman

Mechatronics Systems Pvt. Ltd.

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Educational Qualification:

- Bachelor of Engineering (B.E) in Electronics and Telecommunication

Industry Experience: 39 years

- 1) Mechatronics Systems Pvt. Ltd., Pune as **Chairman** from 2019 onwards
- 2) Mechatronics Systems Pvt. Ltd., Pune as **Managing Director** from 1991 to 2019
- 3) Scem Enterprises, Pune as **Partner** from 1981 to till date
- 4) Vishvabharati Engineering College, Ahamadnagar as **Director** from 2007 to till date
- 5) BIT Mapper Integration Technologies Pvt. Ltd., Pune as **Director** from 2002 to 2004
- 6) Mechatronics & Bееgees Computers Pvt. Ltd. (Combined), Pune as **Partner** from 1995 to 2001
- 7) Yamuna Digital & Electronics Pvt. Ltd., Pune as **Marketing Manager** from 1980 to 1981

National and International Consulting Area: Automation; Real time data acquisition and forecasting; Integrated sustainable water resources Management; Smart Digital Irrigation; GIS; MIS; E-MIS; Smart city development; R&D; Analytics

Key projects undertaken till the date:

- Developed Real Time Data Acquisition System across river basins in India
- Developed Flood Forecasting and Dam/Barrage Automation across river basins in India
- Developed Smart Irrigation Management Information System across India and Ghana
- Developed Smart City Water Supply System across Municipal corporations in India
- Developed Enterprise management Information System across India
- Developed real-time MIS system for OBC Finance & Development Corporation Mumbai Based on Intranet Network
- Exported the System for Tank level monitoring to Iraq.
- Established "Engineering Institute" for imparting quality education and producing Engineers for the next generation
- Developed a Xerox machine for copying maps upto 1.50 m x 1.00 m. for reproduction of record drawings, which was the first such machine in India.
- Developed a Machine for Enlargement / Reduction of maps to a required scale and superimposing Arial survey maps on the reproduced maps.
- Worked as a pioneer in map digitization, preparation of combined command area maps and catchment maps for the irrigation projects using village maps
- Started consultancy in leakage preventive measures and erosion preventive measures for the water retaining structures using state of art construction chemicals and epoxy systems
- Joined hands with SIKA AG Switzerland and become a sole applicator for their materials in the irrigation department GOM
- Joined Yamuna Digital and Electronics Pvt. Ltd., in Marketing Department