

RAVINDRANATH KAJJAM

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Personal: Date of Birth – June 5, 1959;

Qualification: M. Sc. (Tech) 1982 - Process Automation Control & Instrumentation

Professional Experience:

- 35+ years of experience on Process Dev. Activity with Multi disciplinary Engineering, Chemistry & Biology teams
- Specialization in Industrial Process Control/Automation design for Pharma./Agro chemicals/Biochemical plants
- Design of Process control philosophy, Process & Safety Interlock systems, P&IDs.
- Preparation of Process Know-how reports, Basic Engineering Package and coordinate in Detail Engineering with EPC Agencies for Commercial Plants; HAZOP study, Project Engineering.
- Experienced in Design, configuration of process plant DCS, PLC systems and System Integration.
- Headed Project Teams (> 50 members), of Scientists, & Engineers in Lab scale to commercial scale translation
- Teamed up with multidisciplinary groups for developing optimal plan targeted for various chemical processes from Concept to Commercialization.

PROJECTS (Industry Sponsored):

<ul style="list-style-type: none"> • 40 TPA capacity HFC 134a pilot plant for M/s Shriram group, and M/s Naveen Fluorine Inds. • <i>p</i>-t-Butyl toluene (4000 TPA) and <i>p</i>-t-Butyl benzoic acid (3000 TPA) pilot and commercial plants for M/s Vinati Organics • Hydrazine Hydrate Pilot and commercial plant of 10,000 TPA capacity for M/s Gujarat Alkalies & Chemicals Limited • Cyanuric Chloride pilot plant, ATUL Industries 	<ul style="list-style-type: none"> • Carbon monoxide & CO Chemicals pilot plants for Lupin Industries • Benzaldehyde pilot plant, M/s Vinati Organics • Mono Nitro Toluenes Pilot plant for M/s Deepak Nitrates • Undecenoic Acid pilot plant for M/s Jayant Agro • Ethambutol HCL pilot project for M/s Cadila Pharma • Pyrazinamide pilot Project for M/s SPIC industries
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PROJECTS (Government Aided):

<ul style="list-style-type: none"> • 8000 TPA Coal Gasification Plant, under UNDP - & Ministry of Power, Govt. of India • 300 TPA Fluidised Bed Gasification Pilot Plant, for CMPDIL • FM-200 Pilot Plant, for M/s DRDO, Gol • Methanol Reformer, for MNRE, Govt. of India • Glycerol Reformer, for MNRE, Govt. of India • Sebacic Acid for TIFAC, DST, Govt. of India 	<ul style="list-style-type: none"> • Biodiesel Project for DBT, Govt. of India • Synthetic Aviation Lubricants for CHT, Govt. of India, HPCL • Biomass to 2G ethanol process under INDO-US program (IUSSSTF – DBT Govt. of India) • Establishment of the first Biotech Incubation centre in Hyderabad (a DBT and State Govt. Initiative) with Bench scale to pilot scale facilities
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Deputations Abroad

<ul style="list-style-type: none"> • M/s RKC Instruments Inc., Tokyo, Japan • M/s Siemens; M/s Endraus Hauser, Germany • M/s Allen Bradley, Australia • M/s Tescom, Germany • M/s Bronkhorst, Netherlands • M/s Priorclave, UK. 	<ul style="list-style-type: none"> • CPHI China-2017 for exploring commercialization of process technologies & collaborations • International conference on Biofuels, Brussels • Visit to M/s Beta Renewables Cellulosic Ethanol Biorefinery (First commercial 2G ethanol plant), Crescentino, Italy
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TEAM AWARDS for commercialization of Technologies:

- **2017** - FICCI Award, Hydrazine Hydrate project
- **2018** - CSIR-Technology Award, Process Tech. Transfer for Commercialization
- **2020** - Golden Peacock National Award, Transfer of Hydrazine Hydrate project for Commercialisation

HR & Other Activities:

Research Guidance: 98 Students (M. Phil., Engg. PG/Graduation)

Activities conducted: Around 15 Industrial Instrumentation Training Programs/Workshops on Process Automation Design (Engineering Graduates & PG students)