

CAPABILITY MATRIX

LIST OF CORE COMEPTENCIES AND EXPERIENCE AVAILABLE AT UTTEJNA

INDUSTRIAL DESIGN & SYSTEM ARCHITECTURE CAPABILITIES AT UTTEJNA



Led by

RATANJIT SINGH SOHAL (BE, M Des)

Director and CEO with 18 years of Design & Management Experience with global teams. Specializes in Industrial Design, Integrated Systems Design and Electro mechanics. Ratanjit has 4 International patents to his credit and is a certified Green Belt DFSS professional with global product design experience at GE
Visit <http://www.linkedin.com/in/ratanjit> for detailed profile.

EXPERTISE : Problem Analysis, Conceptualization, Industrial Design , System Architecture, Mechatronics and Mechanical Engineering

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INDUSTRIAL DESIGN & SYSTEM ARCHITECTURE CAPABILITIES AT UTTEJNA

VAST EXPERIENCE IN FOLLOWING FIELDS

- PROBLEM ANALYSIS AND IDENTIFICATION
- CONCEPTUALIZATION AND SYSTEM CONFIGURATON STUDIES
- INDUSTRIAL DESIGN
- ENGINEERING DETAILING COVERING MECHATRONIC SIZING AND CALCULATIONS, MECHANICAL SYSTEMS OPTIMIZATION, INTEGRATED SYSTEMS ENGINEERING AND DESIGN
- VENDOR DEVELOPMENT AND PILOT LOT STABILIZATION
- DEVELOPMENT OF AUTOMATED JIGS AND FIXTURES FOR RELIABILITY CYCLING
- SYSTEM & PROCESS AUTOMATION



SYSTEM ENGINEERING & ELECTRONICS CAPABILITIES AT UTTEJNA



Led by

PIYUSH DESHPANDE (BE, ME Electronics)

CTO at UTTEJNA with 18 years of experience in Product Design & Engineering, Quality Assurance and Reliability Engineering of Healthcare devices in global companies like GE Healthcare and Intel.

EXPERTISE : Design of Hardware and Software for Healthcare Diagnostic and Imaging Equipment like **Mobile C-Arm X-Ray, Ultrasound** and **ECG** systems.

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SYSTEM ENGINEERING & ELECTRONICS CAPABILITIES AT UTTEJNA

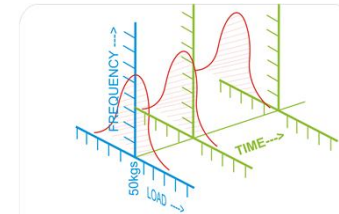
In house end to end design and assembly of electronic boards, except PCB fabrication. Design capabilities includes schematic entry, layout, component assembly, firmware development and testing.



Architecture design, Integration, testing of Healthcare products



Test setup development and execution of reliability and extended life cycle tests



Consultancy and/or Execution of EMI/EMC, ESD, EFT, Thermal and Environmental testing at external Labs.



EXTENDED SUPPORT WITH UTTEJNA

IATOME

Uttejna has alliance with IATOME (www.iatome.in) with its director BIJU S NATHAN on board on some projects with UTTEJNA

IATOME brings in X Ray generator and High voltage capabilities to the table

For BIJU's Profile, kindly visit : http://www.uttejna.com/brochures/biju_profile.pdf

CALIBER

Uttejna has alliance with CALIBER ASSURANCE (www.caliberassurance.com) with its director JAYAVANTH KAMATH as advisor on healthcare projects with UTTEJNA

JAYAVANTH KAMATH brings REGULATORY and SAFETY aspects of product on the table with 22 years of rich global experience working with quality and regulatory approvals of healthcare products

For JAYAVANTH's Profile, kindly visit : <http://www.caliberassurance.com/our-team/>



CONTACT US FOR MORE DETAILS !

WE LOOK FORWARD TO EXCITING SYSTEM PROJECTS FROM YOU