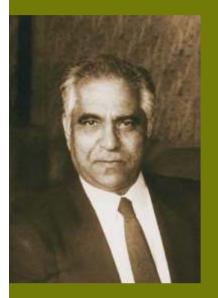


EKELTRON®





Shri K P P Nambiar, the Founder-Chairman of Keltron, is remembered as the architect of the electronics revolution in Kerala.

Understanding the vision of KPP, needs a trip to an era when 'digital' was only a small part of electronics that powered the world. KPP served as the inspiration for many a technocrat and entrepreneur, and soon India was to witness an unprecedented mushrooming of enterprises in the image of Keltron all over the country.

As a 'hands-on' researcher, KPP knew that only original research would pave the way for innovation. The ER&DC, which he conceptualised and founded, and served as the first Chairman, was the arena that molded countless researchers in the field.

At a time when many of the digital evangelists were, so to speak, in their diapers, KPP with great perspicacity, helmed the start of the Technopark at Thiruvananthapuram, a novel initiative that worked the magical synergy of technologies that resulted in the burgeoning of all things digital in this part of the world.

Keltron House, the headquarters of Keltron

SPEARHEADING THE ELECTRONICS REVOLUTION



ADDING VALUE TO LIFE AND INDUSTRY



- Kerala State Electronics Development Corporation, popularly known as KELTRON, is the first State Electronics Development Corporation of India
- Fully owned by Government of Kerala
- Commenced operations in 1973
- A regular supplier of custom build products to the Departments of Defence and Space, Government of India, since 1980
- Manufacturing facilities located in Kerala, India
- Manufacturing capability: fully equipped production facilities of over more than 6,00,000sd ft area spread across six strategic locations in Kerala
- Full-fledged Marketing Offices in Seven metropolitan cities of the country: Ahmedabad, Bangalore, Chennai, Delhi, Kolkata, Mumbai and Trivandrum
- Market Segments: Strategic Electronics
 Products for Defence, Space Applications,
 and Aircraft Electronic Systems, Information
 Technology Products and Custom Solutions,
 Cyber Security & Data Sevices, Power
 Electronics Systems, Security and
 Surveillance, Solar Projects, Process
 Automation Systems, Intelligent Traffic
 Management System, Enforcement
 Systems, Skill Development and Training
 Domain, Smart City Projects, Pneumatics,
 Control & Instrumentation, Medical Aids,
 Lighting Solutions, Electronics Research &
 Development

ELTRON's history is a saga of innovation in electronics. From being a pioneer in 1973, to the role of a trend setter today, Keltron has been the catalyst for the development of Electronics Industry in Kerala. Keltron is celebrating its Golden Jubilee in the year 2023 with pride and dignity

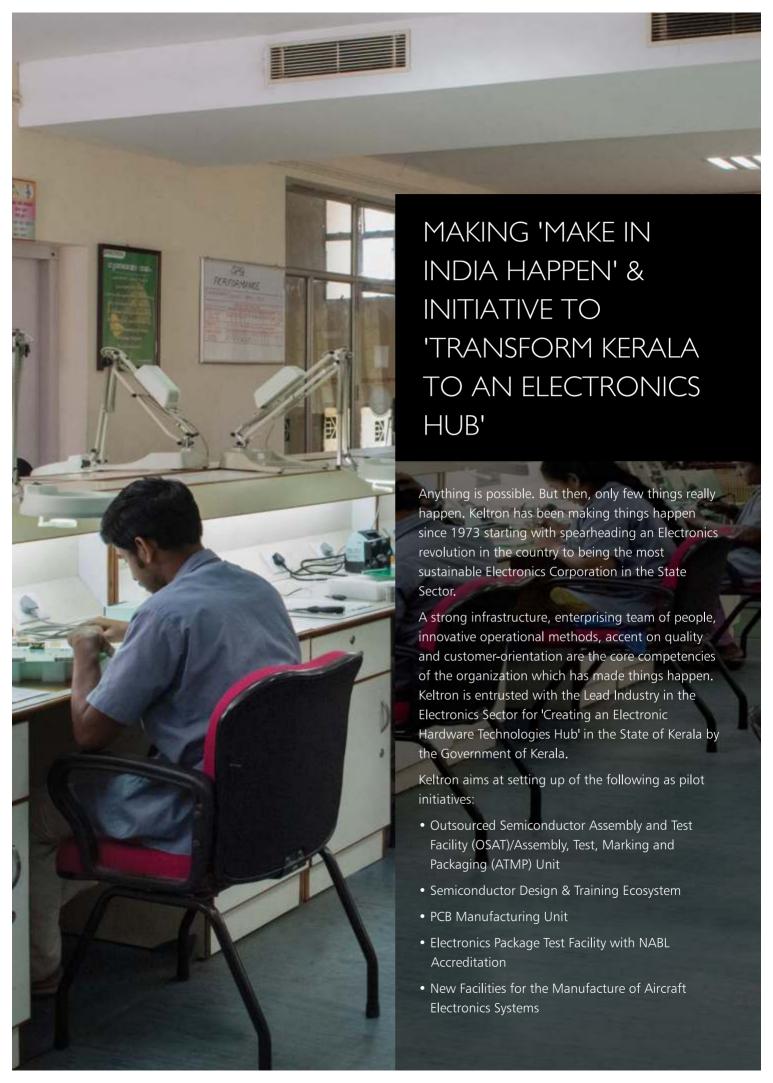
Keltron had set up several production centres and engaged more than 2500 people, directly or indirectly, for the manufacture of electronic goods.

A quarter century later, Keltron set about transforming Thiruvananthapuram, the capital city of Kerala, into one of the major electronics hubs of the country.

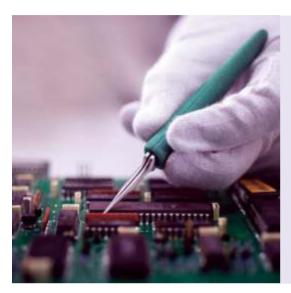
Keltron gradually entered into Information Technology domain by providing domain expert solutions products to the customers. Today, the city is home to Technopark, the internationally known technology park where thousands of talented young men and women participate in the development of a burgeoning information technology industry.

Keltron has, in effect, triggered a revolution that still keeps churning out its benefits to individuals and institutions the world over, continuing in its quest to innovate products and processes that would add value to life and to the industry.

As part of the Kerala Government's motto of Industrial Development-Responsible Industry-Responsible Investment', Kerala is to be transformed into an ecofriendly, productive and investment friendly destination for industrial development. Thereby it is aimed to create new employment opportunities and to ensure sustainable economic growth of the state. The emphasis of current year will be on industrial infrastructure development, Capital availability, entrepreneurship and use of modern technologies. Being a Government of Kerala Undertaking, Keltron shoulder the responsibility with all the stakeholders for creating an Ecosystem for Electronic Industry Manufacturing and Testing for Kerala-God's Own Country.







ELTRON's capabilities lie mainly in the large pool of experienced technical manpower specialized in the assimilation, adoption and integration of technology for creating innovative solutions, its strong infrastructure, and a fierce obsession to quality.

LARGE POOL OF EXPERIENCED TECHNICAL MANPOWER ELTRON's expertise in high quality manufacturing is the direct result of the highly skilled, multi-disciplinary team of graduate engineers, project managers and skilled workforce with a proven track record in complex precision manufacturing and stringent quality standards.

Currently, Keltron employs a work force of over 2,500 of which about 29% are engineers who possess extensive hands-on experience in technology adoption and integration, and in managing high-tech manufacturing operations.

Manpower at Space Electronics section has been specially trained at Indian Space Research Organization (ISRO) in high-reliability soldering, harnessing and QC. Keltron is the only approved training agency of VSSC for the certification in the 'High Reliability Soldering, Interconnection & Electronic Fabrication Techniques" and the Training facility is set-up at Keltron Equipment Complex.

A STRONG COMMITMENT TO QUALITY

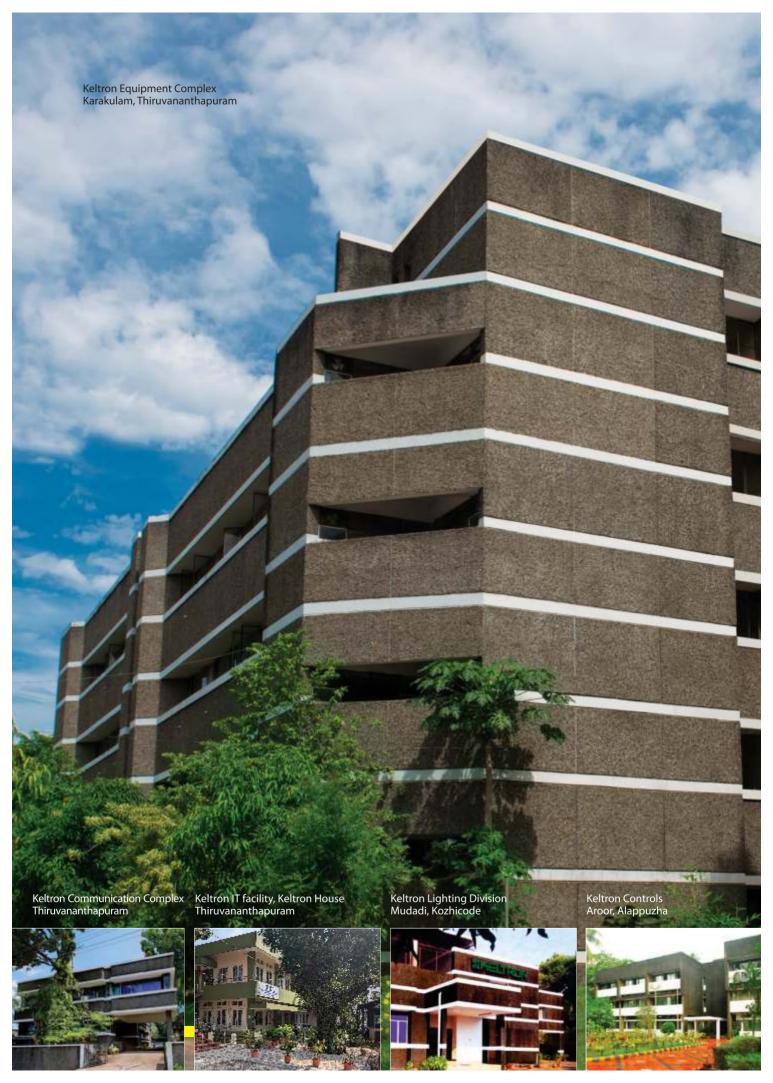
NSURING quality is an on-going process at all production units of Keltron. Each facility has a Quality Department whose business is to see that all quality norms are strictly adhered to in the manufacturing process. Products manufactured by these centres conform to international standards such as IEC 62040 Part 2&3, IEC 146, IEEE 944,

IEEE 344 and IS 4540 among several other product- specific standards.

All production centres and business units of Keltron are ISO 9000 certified and the IT business segment is CMMI certified. KELTRON IT division is accredited as an information security auditing organisation by CERT-In.

Inspectorate of Naval Armament (SINA-T) has implemented their customised quality systems at Keltron Equipment Complex, Karakulam, Thiruvananthapuram, Kerala.

CONTINUOUS PROCESS IMPROVEMENT







STATE-OF-THE-ART INFRASTRUCTURE AND MANUFACTURING EXPERIENCE ELTRON's forte has always been high quality manufacturing of Electronic Products. For more than 49 years, Keltron has been churning out a whole range of electronic products, electro-mechanical and high precision modules and sub assemblies for different industry segments. In the process, Keltron has built up a strong infrastructure spread over 600,000 sq ft of built-up area. Equipped with computer-based system design & engineering facilities and related software development tools, CNC Machine Work Facility & Tool Room Keltron today is fully geared to offer high- end integrated manufacturing solutions.

Recently Keltron has augmented the infrastructure to populate the PCBs in accordance with the Surface Mount Technology (SMT) and has established the facility at two of our divisions at Keltron Lighting Division (KLD), Calicut northern region of Kerala and at Keltron Equipment Complex, Karakulam, southern part of Kerala.

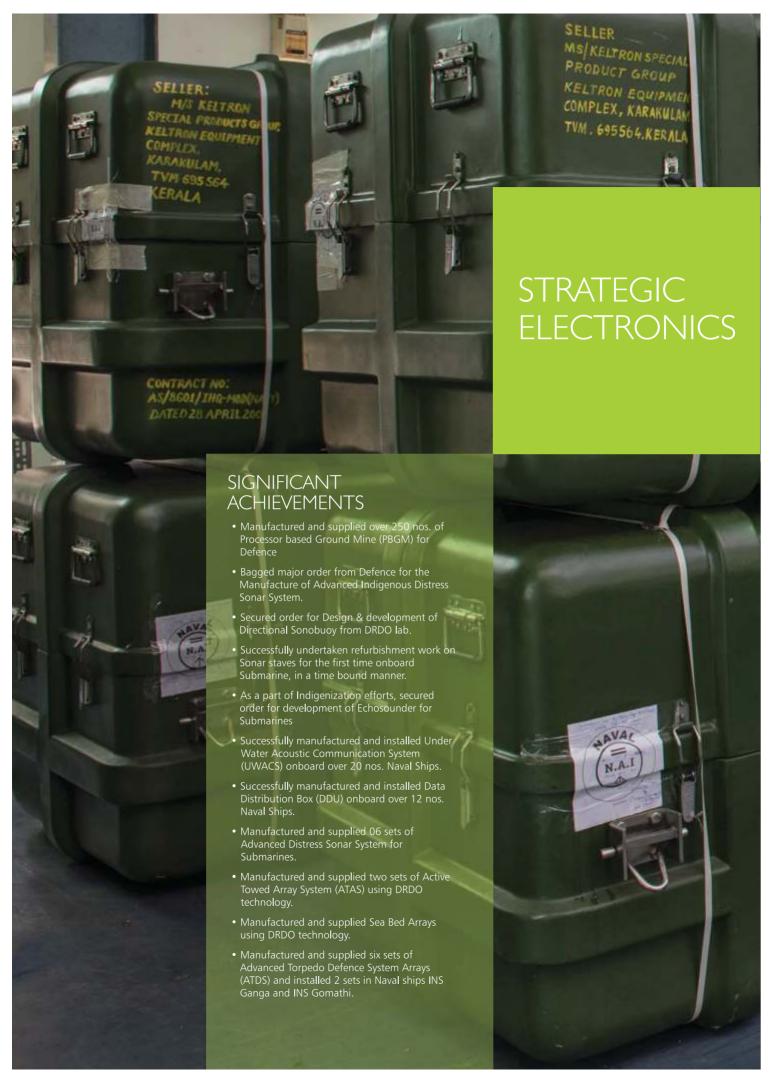
In addition to the manufacturing facilities for critical segments, the following test facilities also complement the production environment.

- Towed array testing facility
- Environmental Test Facility/ Environmental Stress Screening test facility
- Test and Evaluation in adherence with Space quality standards

RESEARCH &
DEVELOPMENTTECHNOLOGY
SUPPORT WING

ELTRON's technology base is built up on the foundation of technical collaborations with world leaders like Contrôle Bailey, GEC Alsthom, Hitachi, Asea Brown Boveri, and Dassault. Right from the days of its inception, Keltron had a clear vision of the role of technology in the development process and set up infrastructure for this purpose as Electronic Research & Development Centre (ER&DC) at our Karakulam campus.

Being a company focused to deliver products with the latest technology, KELTRON has always made arrangements with Research Institutions like C-DAC, DRDO-DEBEL, Sree Chithira Thirunal Institute of Medical Sciences etc. for technology development and adaptation. Other sources of technology are DRDO labs like NPOL and NSTL for Defence products, NIOT for marine applications and ISRO for aerospace related activities. Need-based foreign tie ups and association with domain expert Private Institutions are also undertaken.



EKELTRON®



44 UWACS

> Processor Based Ground Mine

PRODUCTS

- Electromagnetic Log (EM Log)
- Re-Trasmission Unit (custom built)
- Echo Sounder (ES)
- Data Distribution Unit for Ring Laser Gyro (DDU)
- Advanced Distress Sonar System (ADSS)
- Processor Based Ground Mine (PBGM)
- Under Water Acoustic Communication System (UWACS)
- Retransmission Units (custom built)
- Echosounder (single/dual channel)
- Power Amplifiers for SONARs
- Transmitter-Air Transportation Rack (for Dunking SONAR)
- Directional Sonobuoy
- Towed Array System
- Sonar Simulator
- Own Noise Analysis System (ONA)
- EM Actuator for Low Frequency Dunking Sonar
- Transducers / Hydrophones
- Expendable Bathy Thermograph (XBT)

New Products Planned to Launch:

- NETWORK DATA ANALYSER
- Self Recording Hydrophone
- Advanced Indigenous Distress Sonar System Mk II



eltron is identified as one of the reliable suppliers of Strategic Electronic Products and system for the Department of Defence, especially for the Indian Navy.

Since the strategic electronic products demand extensive application of a wide range of state of the art technologies, Keltron has built sustainable relationships with DRDO Labs such as NSTL, NPOL, RCI, and other research organisations like WESEE and C-DAC to acquire such technologies. Keltron has augmented its infrastructure and developed local vendors in order to realize the indigenization effort of the Indian Navy for achieving self reliance in Defence production. Keltron is recognised as an approved vendor for manufacture of Navigational equipment and classified items for the Ministry of Defence. For the expansion of defence portfolio and also to adopt new technology Keltron made tie ups with foreign companies.

Keltron maintains water front support, in Mumabi, Vizag, Kochi & Port Blair, (Andaman) for its products and provides support for over 15 years product life cycle.



44 EM Log

◆ Echosounder







Solar Power Conditioning Units

CAPABII ITIES

- Design, manufacturing and installation of seismic qualified UPS Systems of up to 1000 KVA capacity
- Design and execution of solar power projects. Includes site survey, project design and sizing to suit customer needs.
- Design of grid-tied / off-grid systems or a combination of both.
- MNRE approved Channel Partner and empanelled manufacturer of Solar PCU.
- Nodal agency for implementation of solar power projects of the Government of Kerala

PRODUCTS

- Industrial UPS Systems & Inverters
- Ruggedized UPS systems for Naval Applications
- Battery Chargers & Rectifiers
- Active Filters
- Voltage Stabilizers
- Frequency Converters
- Solar Power Conditioning Units
- Regenerative Battery Discharge System

HE Power Electronics Group (PEG) of Keltron is a pioneer in the field of UPS Systems in the country, designing and manufacturing for a diverse range of applications. Keltron provides seismic qualified UPS Systems of up to 1000 KVA capacity based on state-of-the-art technology and also supplying High Power Battery Chargers / Various capacities of Invertors (113 No.s) to various Nuclear Power Plants in India...

Bolstered by the immense success in Power Electronics during the past 40 years in the design, manufacture, testing, installation, commissioning and maintenance of UPS Systems, Battery Chargers, and related power equipment, Keltron has now embarked into the renewable energy sector.

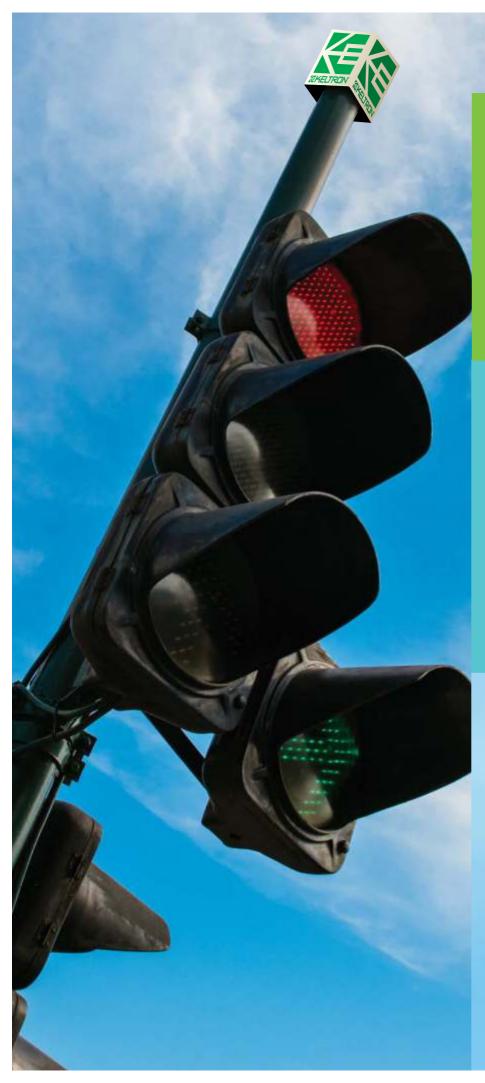
PEG has designed, supplied, installed, tested and commissioned more than three MWp Solar PV power plants all over Kerala. Keltron has also been maintaining these projects for the last 9 years. The Solar Power Conditioning Unit (PCU) developed by PEG has undergone successful testing and approval at TUV, Bangalore.

ALSO, PEG TEAM IS GEARED TO LAUNCH NEW PRODUCTS LIKE

- IKVA Transformer less online UPS Electric Vehicle Chargers
- Grid tied solar micro inverter with MPPT BLDC based 5HP Solar Water Pump
- Solar Pump Controller for ac Motors (1hp to 10hp) for PM-KSUM program
- Battery Management System (BMS)







INTELLIGENT TRAFFIC SYSTEM

The Traffic Signals Division of KELTRON provides state-of-the-art traffic controllers and offer Intelligent Traffic Management (ITMS) solutions. During the past 30 years, the Traffic Signals Division has executed several turn-key projects in major cities of the country. Keltron is the nodal agency for implementing the modernized Traffic Signaling System in Kerala.

This group has tie-up with German OEM for assembling and manufacturing of Automated Vehicle Testing Track and has Developed and Deployed Automatic Driving Testing Track in association with a Startup company. This group has completed IP 65 and IEC standards Product certification of Traffic Products. Keltron has successfully executed the Development, Customization, Deployment and Management of State-wide Vehicle Tracking Platform for Safety and Enforcement as per AIS 140 specification under Nirbhaya project for Sikkim Transport Department.

The Keltron Intelligent Traffic Management System (ITS) Solutions include:

- Area Traffic Control System
- Wireless Traffic Control System
- Pedestrian Actuated Controllers for Road Crossing Model–(Peltrac)
- Fully Solar Powered Traffic Signal System
- Fixed Time Traffic Signal System
- Vehicle Actuated Traffic Signal System
- Solar Powered LED based Street Lighting
- Solar Powered Road Warning Blinkers
- Computerised Vehicle Fitness Testing Station
- Computerised Driving Testing Station

New Products Planned include:

- AI based Vehicle Detection Camera Module for Adaptive Traffic Control System
- Traffic Command Control Dashboard (Smartcities & ITMS project)
- Automatic Driving Testing Track



ENFORCEMENT SYSTEM

Keltron widely supports by providing technical solutions to the Government's attempt to effectuate successful implementation of policies by enforcing laws and regulations. One of our major project is Traffic enforcement system, which have been effectively implemented in all major cities of Kerala resulting in substantial reduction in the number of accidents and traffic violations. This has also helped revenue generation to the State in the form of penalties paid by the offenders, since the entire process from the recording of the incidents of violation to the generation of payment challans for penalties is fully automated and managed by the system.

The large Turn key projects of the group includes Traffic Surveillance, Traffic Enforcement, Crime and Criminal Tracking Network Solutions (CCTNS), Distress Call Response Management System (DCRMS).

New Product Planned include:

• Vehicle Speed Measurement system using video analytics for Smart City Projects.

Our solutions include

- Integrated Vehicle Accident Reduction Program
- Central Intrusion Monitoring System to safeguard individuals and high value assets
- RADAR based Automated Enforcement System and Garbage Management system
- Geographic Information System (GIS) based solutions
- Red Light Violation Detection System
- Speed Limit Violation Detection System
- Vehicle Tracking and Fleet Monitoring System
- Passenger Information System for Buses
- Distress Call Management System
- Automatic Fare Collection System

MAJOR INSTALLATIONS

- Safe Kerala Project Successfully Completed the manufacturing of 726 Systems (700 Nos of Al Camera System, 04 Nos of Speed Violation Detection System, 04 Nos of Mobile Speed Violation Detection System, 18 Nos of Red Light Violation Detection System) and installed on various sites across Kerala.
- Implementation of City CCTV Security Solution in Thiruvananthapuram, Kochi, Kozhikode, Thrissur and Kollam linking more than 500 cameras through a dedicated OFC laid for the Police Department.

Smart Garbage Monitoring System

KELTRON developed the Harithamithram Smart Garbage Management System in cooperation with the Haritha Kerala Mission and Suchitwa Mission. The application will work as a complaint redressal mechanism and aims to make the public a part of waste management efforts



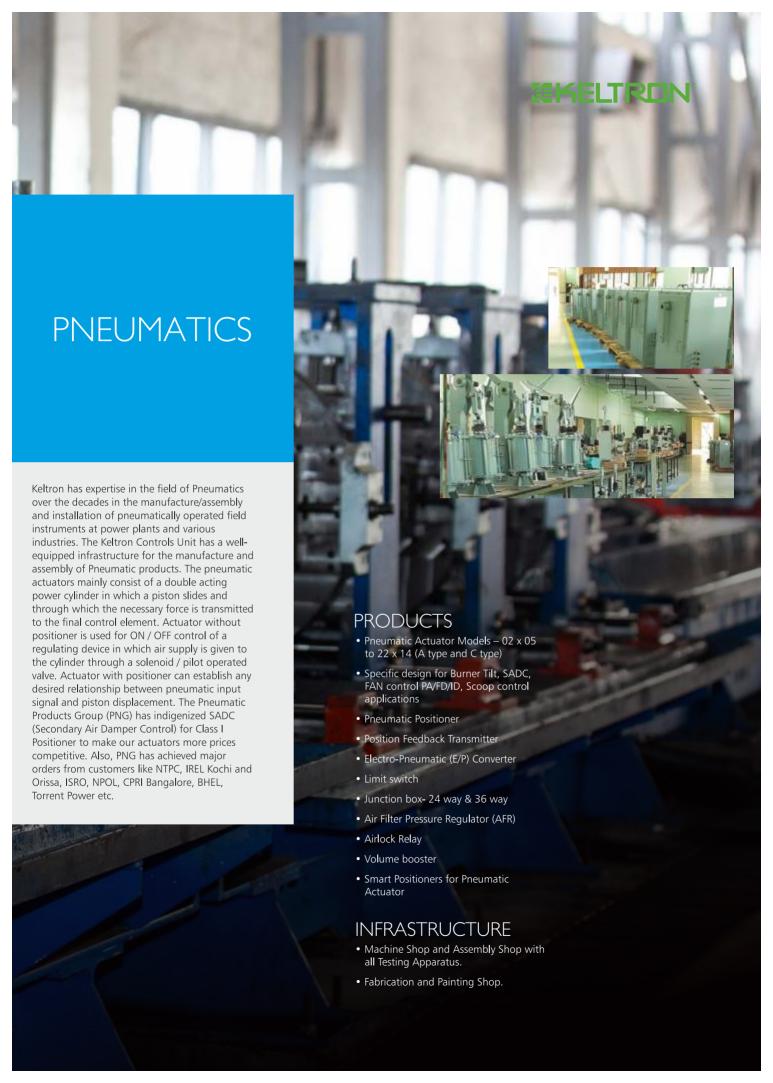
- Wired control panels/desks with racks and accessories
- · Field instrument enclosures and racks
- Analog Control Systems (ACS)
- Sequential Events Recorder (SER) System
- Annunciation Systems
- Air Lock Relay
- Fire Alarm System, Electrical Systems
- Customised Panels
- Ambient Air Monitoring Systems
- Embedded system Projects
- Agriculture automation and Instrumentation
- Local weather monitoring stations

Termination works at Shipyard

CAPABILITIES

- Expertise in Process Control systems & Plant Automation Systems.
- Total capability to execute C&I and Automation projects on Turnkey basis.
- Infrastructure to handle large projects including manufacturing facilities.
- Experienced & trained System Design, Software and Application engineers.
- Design & Mechanical fabrication of Control Panels & System Cabinets.
- Integration of subsystems & System simulation and testing.
- E&C set up comprising of competent Installation& Commissioning Engineers.

more than 35 years after installation.







IT INFRA STRUCTURE & PRODUCTS

KELTRON entered the IT arena way back in the late 70s with the manufacture of computers and accessories, and microprocessor based products such as attendance monitoring and recording systems. Today, Keltron has widened its IT horizon by entering other IT domains such as software development, data security, cloud services, training and support services. Being a Public Sector organization Keltron has a focused interest in catering to the IT needs of the Government of Kerala, configuring solutions for all the key departments of the State administration. The entire IT infrastructure of the Government Secretariat is planned, implemented and maintained by Keltron.

PRODUCTS

- IT Hardware: Servers, PCs, laptops and peripherals
- IT Infrastructure Services: Networking solutions, technical support for highend servers and projects, Facility management services, AMC, Document Management Services
- Smart Class rooms to education sector
- Video Conferencing
- Data Center Management, Technical solution provider for Hyper converged infra
- Advanced ICT services: Cloud Hosting, Security Auditing etc.
- System Integration

AS TOTAL SOLUTION PROVIDER

- State Rate Contract: Service Provider for the supply and installation of major ICT hardware equipments through a Centralized Procurement portal for Government Departments across Kerala
- Ambitious project of Kerala Government To connect 470 locations (87Nos. of Jails and 383 Nos. of Courts) all over Kerala with Video Conferencing.
- Completed setting up of Data Center Infrastructure with state-ofthe-art Building Management System (BMS) having Server farm area of 600 Square feet, NOC Room of 260 Square feet. Redundant ISP links with primary link having 500Mbps and Secondary link having 100Mbps bandwidth. Cloud Infrastructure for hosting in house and customer Services. Total Capacity 50TBytes.
- E-health Hardware / networking at 212 hospitals including 32 Hospitals under CSML / Treasury WAN2.0 upgradation.
- Successfully completed Network revamping and hardware supply for Cochin Shipyard
- Successfully executed the work of providing Software and cloud solution for Election Webcasting covering over 20,000 booths for the Kerala Assembly elections held in April 2021.
- Envisages for the Implementation of OUTPOSTS facility for Amazon Web Services for regional cloud infra with scope for future expansion – First of it's kind in PSUs
- Also, to tie up with major Cyber Security companies to position Keltron in the area of Cyber Security implementation for all industrial establishments and implementation of a Training Lab (Auditing, SoC, CyberLAB).



SMART CITY PROJECTS

he Smart City Mission, an urban renewal and retrofitting program by the Government of India with the mission to develop 100 smart cities across the country. Keltron being a diversified company, provides multiple solutions/products to this venture of Government of India's Smart Cities Mission. From the initial phase of roll out of Smart City Mission itself Keltron secured orders for contributing expertise solutions and they are:

- Integrated Traffic Management System to the Nagpur City, Maharashtra.
- System Integrator for Implementation of (Design, Supply, Implement, Commission, Operate & Manage) Command & Control Centre for Chennai Smart City, Tamilnadu
- At Kochi, one of the prestigious project of Kerala also Keltron provides Integrated Traffic Management System solutions

Keltron prowess in multitudinous domain, experience in execution of turnkey projects, business network all over India makes the company to become competent in the delivering Smart City solutions and also to gather more opportunities in the upcoming Smart City missions.



HEARING AID

eltron continuing the saga of developing quality products for the consumers at an affordable cost, started 100% in house manufacturing of the Digital Programming Hearing Aid at Keltron Lighting Division.

KELTRON has taken the technology from C-DAC for the manufacture of Behind The Ear (BTE) hearing aids.

he main product SHRAVAN is a 10 Channel hearing aid with 64 band filters and priced very aggressively and this product is widely accepted among all age group customers not only in India but also across the globe due to its rich features. The small size fully digital SHRAVAN mini 107 was also developed by KELTRON, which uses indigenously designed and developed NAADA Application Specific Integration Circuit which integrates in-house developed IPs, sophisticated Digital Signal Processing (DSP) blocks and volatile and nonvolatile memories, thus offering superior and stable characteristics. SHRAVANMINI 107LT - is a low power Behind-the-Ear hearing aids which can be used for moderate to severe category of Hearing impaired patients

he production floor equipped with fully air conditioned SMT Line consisting of high speed SMT Machines, separate assembly & exclusive testing area. The supply, service for the Hearing aids all over Kerala has been managed through our centers across Kerala and the demand from other states met by the marketing

KLD Unit is geared up with the following new initiatives:

- Upgraded Sharavan Mini Hearing Aid 107LT – Frequency selective amplification with additional facilities to reduce background noise and Bluetooth/Wi-fi Capability. (ToT from C-
- Completion of medical Certification and commercial launch of Infant Warming Bassinet and Infant Warming Wrapper for preterm babies (ToT from Sree Chithra Institute of Medical Sciences)
- Completion of First Phase Cochlear Implant System for DEBEL. Joint development with C-DAC.



KNOWLEDGE SERVICES

ELTRON Knowledge Service Group (KSG) are 'Centres of Excellence' in Information Technology, created with the specific intention of bridging the huge gap between Academic Institutions and the Industry.

hese Centres churn out batches of industryready professionals every year who are prepped up to take on jobs the moment they are inducted by organizations. The careeroriented courses are delivered through Keltron Knowledge Centres, Keltron Authorised Training Centres, Keltron Certified Vocational Training Centres & Keltron Advanced Study Centres located at important towns throughout Kerala.

ver the years, KSG has churned out thousands of professionals who excel in their respective fields. Since its inception, a number of courses have been added to the portfolio, taking the total tally of courses to more than 400. KSG now conducts training through 35 direct centers and more than 200 Authorized Training Centres. Keltron's most demanding 25 courses are recognized and approved by the Government of Kerala and students pursuing these courses shall equip themselves with the right skills to 'make them

WHY CHOOSE KELTRON COURSES

Keltron, with its strong industry roots, has the right feel of the requirements of the industry and has used this knowledge in designing courses that suit the industry needs.

- Keltron continually upgrades its Knowledge Centres to provide Knowledge Services in all the relevant fields.
- Keltron offers a wide range of Industry Recognized Certificate, Diploma, Advanced Diploma, Post- Graduate Diploma through the Knowledge Centres & Skill Development Courses as Add-on Courses through selected Government/Aided/Private Colleges across the State of Kerala.

MAJOR AREAS OF TRAINING

- Augmented Reality(AR)/Virtual Reality(VR)
- IoT, Machine Learning, Block Chain
- VSSC-KELTRON SOLDERING SCHOOL
- Artificial Intelligence, Cyber Security
- Cloud & Edge Computing
- Data Science & Mining, Android
- Hardware & Networking, e-Gadget
- PGDCA, DCA, WP&DE, CFA & OA
- C/C++/.NET/j2se/j2ee/python/PHP & MYSQL
- Web Design & Development
- Animation, Digital Film Making
- PPTTC, Fire & Safety, CCTV, Fibre Optics
- Logistics & Supply Chain Management
- Academic Projects, Internship, OJT

Web: ksg.keltron.in

Facebook:

https://www.facebook.com/KeltronKnowledgeServices/

Contact: 9188665545 | Email: keltron.enquiry@gmail.com











Some achievements of ER&DC are given below:

- Designed, tested and make ready for production of different LiFePo4 battery packs for Safe Kerala project and other UPS applications.
- Developed prototype Battery Management System (BMS) for 12.8V, 50AH, 24V, 50AH and 36V, 50AH and tested in the lab.
- Completed the design and testing of IoT based Water Level Controller and the same is ready for production.
- Completed the design and produced 1,000 numbers of Pulse Oximeter through SSG group of KEC.
- 5KVA Online UPS made ready for production and 200 numbers already supplied for E -Health project. The production is carried out by the Power Electronics Group (PEG) of KEC.
- Home UPS (offline) from 500VA to 3000VA production has been initiated at Keltron Electro Ceramics Limited, Kuttippuram. The same UPS can be used as Solar PCU with addition of MPPT hardware.
- Solar Pump Controller from 1HP to 10HP made ready for production.

ELTRON established Electronic, Mechanical and Software based state-of-the-art Research and Development facility as per the standards laid down by the DEPARTMENT OF SCIENTIFIC & INDUSTRIAL RESEARCH (DSIR) to support the existing product improvement and new product development. Along with creating new and innovative products and adding features to old ones, R&D connects various parts of KSEDC strategy and business plan, such as marketing and cost reduction.

The core operations of R&D centre are:

- New Product development for future requirements of KELTRON
- Product development based on orders from external agencies
- Tie up with leading R&D organizations such as DRDO, BARC, ISRO, CDAC etc
- Collaboration with leading academic institutions such as IISC, IITs, Technical universities and colleges.
- Collaborative R&D with public and private companies.
- Coordinate internal and external development projects
- Solution provider for technical problems and product failures and project evaluation.
- Technology provider for KELTRON subunits
- Incubation and Mentoring facility for start-up companies.



Keltron Component Complex Limited

(KCCL), Kalliasseri, Kannur

ELTRON entered the electronic components industry by setting up KIndia's largest Aluminium Electrolytic Capacitor plant in technical collaboration with Sprague Electromag, Belgium, in 1976 at Kannur, Kerala. Over the years, Keltron has added on several other types of components, enlarging its range to cater to the needs of the Indian market. Street LightsToday, Keltron is identified as a reputed supplier of electronic components for professional, industrial and consumer electronics applications.

KCCL, has State of the art manufacturing facility with more than 300 automatic and semi-automatic machines, imported from Japan, Taiwan, Italy etc. Also have in-house developed Forming Plant for Low Voltage and High Voltage Foils.

PRODUCTS

The current range of components manufactured by Keltron includes:

- Aluminium DC Electrolytic Capacitors Motor Start Capacitors
- Motor Run (SH) Capacitors MPP Capacitors KVR Power Capacitors
- Carbon / Metal Film Resistors High CV large Can Capacitors

The Super Capacitor production facility is being established with ISRO technology and expected to be ready by April 2023.

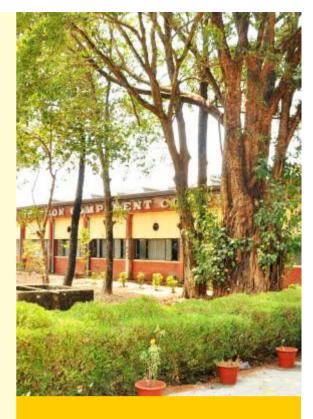
Keltron Electro Ceramics Limited (KECL), Kuttippuram, Malappuram

ECL, an ISO certified industrial unit, situated in Malappuram District, Kerala. The land holding of about 10 acres offers excellent scope for further development and setting up of manufacturing facilities and presently offer product to defence industry. Lab facility is available for the students to do projects for students and professionals.

The unit supplies Hydrophones for all under water projects to KEC, KCA, NPOL and BEL.

PRODUCTS

- Transducer/hydrophones Electronic Queue Management Systems
- Smart Bell & Public Address System



SUBSIDIARY COMPANIES



ORGANOGRAM



Business Units

Keltron Equipment Complex Karakulam,

Karakulam, Trivandrum

Manufacturing facility with a built up area of about 150,000 sq. ft.

Currently houses for major Business Units of the Company.

Keltron Communication Complex Kulathur, Trivandrum

Manufacturing facility with a built up area of about 75,000 sq ft. Strategic Electronics Group

Power Electronics Group

Security & Surveillance Group

ID Cards & Smart Cards Group

Intelligent Transportation Systems Group

> Space Electronics Group

Control Instrumentation Group

> Pneumatic Products Group

IT Products Group

Software Group

Knowledge Services

Electronics Components Group

Keltron Controls Aroor, Alleppey

Manufacturing facility with a built up area of 115,000 sq ft. producing Control Instrumentation products.

Keltron House Trivandrum

Hitech facility with a built up area of about 25,000 sq ft. for software development and IT services.

Electronic Components

Manufacturing facilities at Kannur and Kuttippuram with a total built up area of 1,184,750,000 sq. ft.

Sales Network

Sales network covering the entire country with branch offices located at Mumbai, Delhi, Kolkata, Chennai, Bengaluru, Ahmedabad and Thiruvananthapuram.

EKELTRON

Kerala State Electronics Development Corporation Limited

A Government of Kerala Undertaking

Corporate Office

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Phone: 079 - 26635688, 26604728 Email: kelahmd@keltron.org ksedcahmedabad@gmail.com

Profile: KSEDC|PR|2023|Ver1.0

Production Centres

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Email: itbg@keltron.org

Keltron Equipment Complex

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Security and Surveillance Group

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