MES COLLEGE ERUMELY

Department of Commerce (PG)

INDUSTRIAL VISIT REPORT ON 30th AUGUST 2019

Report Prepared By:

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Prof. (Dr.) ANIL KUMAR S.
PRINCIPAL
MES COLLEGE ERUMELY

DEPARTMENT OF COMMERCE (PG), MES COLLEGE, ERUMELY

Industry Visited : Keltron, Thiruvananthapuram (PEG-Power Electronic Group)

Date : 30th August 2019

Transportation : Private Buses (Two)

Students : Total 47 students of SEM III (Girls + Boys)

(M.Com- Finance, Marketing and Banking streams)

Faculty Accompanied: (03 F + 02 M)

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Soumya S, Assistant Professor, PG Department of Commerce

Aparna R Nair, Assistant Professor, PG Department of Commerce

Anandhu B Nair, Assistant Professor, PG Department of Commerce

Sabjan Yoosuf, Assistant Professor, Department of Computer Application

Coordinator : Mrs. Shamla Beegom N S , HOD, PG Department of Commerce

Co-cordinator : Aju Mathew (II m.com Banking and Insurance)

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About Keltron

Keltron Corporation is a leading manufacturer of fire and security alarm monitoring solutions that enable organizations and companies to provide dependable, scalable, life safety event response services. Keltron has maintained a reputation for innovation and the reliability and high performance of its fire and security systems and products. Our life safety event management systems protect lives in colleges and university campuses, healthcare centers, industrial plants, commercial and cultural facilities, government and military complexes and municipalities worldwide. Keltron's management team brings over one hundred years of experience in the fire and security alarm monitoring industry. Our team's unique understanding of market requirements and technology and long-term relationship with Underwriters Laboratories and the National Fire Protection Association enables Keltron to provide solutions that meet the highest standards in the industry and are made in the USA. Our technically proficient sales and services teams approach each project with a can-do attitude and a solid knowledge base. Keltron's unique ability to interface to an unparalleled variety of legacy fire alarm systems reduces our customers' capital expense and increases ROI. Keltron's corporate offices are located near Boston in Waltham, Massachusetts, the heart of the Massachusetts technology sector. Keltron has been a source of innovation for the fire and life safety industry for over a half century. Since Keltron's introduction of digital printers more than 50 years ago by our MIT and Northeastern University-educated founders, we have continued to develop and manufacture the hardware, software and services required to meet the needs of our customers and the fire and life safety market.

Among some of Keltron's "firsts" are the developments of:

- State-of-the-art suite of dispatching, monitoring and reporting software, specifically designed for the fire and life safety market
- UL listed Ethernet (IP) signaling system
- Keltron DataTap™ for reliable wireless communication of point ID alarm data
- Distributed multiplexers
- Serial digital alarm communicator transmitter (SDACT)
- Direct connect monitoring of alarm signals over incompatible voice grade, fiber optic or microwave-based leased telephone lines

- Direct wire, reverse polarity, digital transmitters and multiplex inputs
- A system that combines annunciator panel features with digital printout
- Multiplexed, data gathering panel that combines with visual annunciators
- A system for coded signals that decodes, displays, and prints outputs of mechanically coded signals produced by fire and security alarm systems
- A printer system to monitor contact closures and print a programmable four-digit number plus an identifier code of four alpha characters

Over the years, Keltron Corporation has continuously enhanced and updated our systems to incorporate beneficial changes in technology. The addition of microprocessors and minicomputers as well as the development of highly specific software programs enable Keltron to offer the highest quality, most reliable life safety event management systems available today.

- **Operational Since:** 1967

- **Manufacturing:** Aerospace Electronics, Security and Surveillance System, Intelligent Traffic Management Systems, Strategic Electronics, IT Solutions, Process control and Instrumentation, Power Electronics etc

- **Catering To:** Indonesia, Philippines and Malaysia

- **Address:** Corporate office, Keltron House, Trivandrum 695033

- ISO 9001-2008 certified plant

(Ref· https://www.keltron.org/PCI_pneumatics.php)

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Basic Purpose of Industrial Visit

1) To interact the students with actual industry personals.

2) To make them aware of the industrial procedures required to enter in company.

3) To experience the working environment in industry and visualize the all the
important Departments in the Industry.

4) Interaction of students with the peoples of all important departments.

5) To prepare the students for the selection of carrier path in different departments of industry

Strength behind the visit

Prof. Maheen N.M, Principal has approved the industrial visit and encouraged the committee for organizing similar kind of activities for the benefit of students.

Prof.Shamia Beegom N.S, Vice-Principal (Academic) and Head in Commerce (PG) has suggested that students of M.Com (Finance, Marketing and Banking) should visit the industries to experience the actual working environment and the processes.

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Industrial Visit Report

Activities

According the route and time plan two busses were departed and reached the Keltron at 10:00 am. The visit Lasted for 2 hours. A good presentation was given by the firm's senior supervisor. He explained about their product, power generator, its total capacity, users of their product. 11/2 hours were spending to saw their materials, small chips, resistors like assembling goods. Around 30 minute were spending to visit their assembling units. After the site visit 30 minutes discussion section covered about their cost factors, accounting procedures, Quality management system adopted by the firm. Finally the guide explained about other branches of keltron and products.

Students Feedback about the Industrial visit

1. It is very much helpful to know the production process of the industry

2. Helpful to analyse cost factors and accounting procedures

3. Very good to know the Quality management system

4. Helps to know about Keltrone and their products

5. Helps to analyse Assembling session of a production unit

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