DEPARTMENT OF
ELECTRONICS AND COMMUNICATION ENGINEERING

Report on
Industrial visit
by
II-II SEM ECE department
On 20-03-2019

In collaboration with SULAKSHANA CIRCUITS LTD, IDA Bollaram HYDERABAD

Class In charge
Vijay. Bhasker

Convener Institute IIC
Dr. B. Vandana

President Institute IIC
Dr. P. Pabhuraj

HOD ECE Department

Principal Signature
Dr. R. S. Jabagirdar

KG Reddy College of Engineering & Technology
Chilkur (V), Moinabad (M). R.R. Dist., Telangana.

MHRD’S INNOVATION CELL
(GOVERNMENT OF INDIA)
REPORT ON

INDUSTRIAL VISIT TO SULAKSHANA CIRCUITS LTD, IDA BOLLARAM, HYDERABAD, TELANGANA

Industrial visits represent important activities in any engineering undergraduate program that contributes to various essential learning outcomes and program objectives. KG REDDY COLLEGE OF ENGINEERING AND TECHNOLOGY believes that exposing students to real life industries and learning beyond academics is an integral part of curriculum. To implement our beliefs, the institution has organized a one-day industrial visit to SULAKSHANA CIRCUITS LTD, IDA BOLLARAM, HYDERABAD, TELANGANA on 20th MARCH 2019.

Visit scheduled

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>20-03-2019</td>
<td>10:30am To 11:30am</td>
<td>breakfast</td>
</tr>
<tr>
<td></td>
<td>11:45am To 13:30pm</td>
<td>Introduction to SULAKSHANA CIRCUITS LTD, IDA BOLLARAM, HYDERABAD.</td>
</tr>
<tr>
<td></td>
<td>13:30pm To 14:30pm</td>
<td>Lunch</td>
</tr>
<tr>
<td></td>
<td>14:30pm To 16:00pm</td>
<td>Physical visit of the SULAKSHANA CIRCUITS LTD, IDA BOLLARAM, HYDERABAD.</td>
</tr>
</tbody>
</table>
SULAKSHANA CIRCUITS LTD. (SCL) is a leading Indian manufacturer of Double sided and Multi-layer Printed Circuit Boards (PCB). Since 1990, its passion for producing high quality PCBs, on time and with excellent value has earned it a reputation unmatched in the industry. In 2017-18 SCL added equipment and increased its capabilities for Quick Turn and Prototype Multi-layer PCBs.

SCL has quality conscious customers in India and Europe who have consistently rewarded it with their orders every month. For example, Honda, Bajaj and TVS, with their stringent quality systems, consistently use SCL PCBs monthly. Similarly, Bharat Dynamics Ltd (BDL) and Bharat Electronics Ltd (BEL) are prestigious, quality conscious Defense customers.
SCL has ISO 9001:2015 certification from TUV, UL approval and C-DOT, CACT, LCSO, RDSO, JSS and other major Indian approvals. Its engineering team is happy to meet your specialized requirements for RoHS compliant boards, Electrolytic Gold over Nickel plating, ENIG, peelable solder mask, etc.
SCL is focused on manufacturing **high quality** Professional Grade Printed Circuit Boards. SCL certifications and approvals include ISO 9001:2008, UL, C-DOT, CACT, LCSO, RDSO, JSS and major Indian Government approvals (copies available upon request).

SCL utilizes high quality imported materials, modern manufacturing processes, experienced managers, skilled personnel and imported capital equipment to produce the highest quality boards for the lowest possible costs. SCL electrically tests all PCBs. Manufactured PCBs adhere to strict quality standards such as IPC-A-600, UL 796, JSS 52300, PERFAG and/or customer standards. We welcome customers visits to our facilities – to meet our team and audit our procedures.

Following Departments have been visited:
(1) Building schematic
(2) Generating board
(3) Routing the connections
(4) Top layer /silk layer edit
(5) On Air Control Room
(6) Error check
(7) Gerber files generation
SCL has completed an ambitious, multi-year growth plan. It has just doubled its production capacity with a high capacity 8 spindle CNC drill and three 6 spindle CNC router to add to its 4 CNC drillers and routers. In addition, a new etching machine and developer were recently installed.
The SULAKSHANA CIRCUITS LTD works by professionals and workers under them. They also explained us manufacturing of those single layer, double layer and multi-layer up to 8 layer level of PCB boards. Experienced Industrialist and experienced sir has explained manufacturing of all different PCB designing. At 4.00 P.M. We had Completed Our Visit at SULAKSHANA CIRCUITS LTD, HYDERABAD.