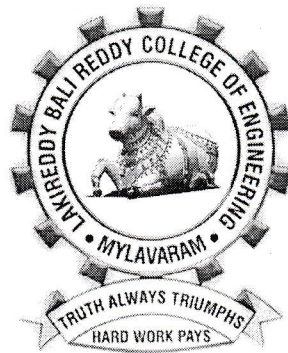


MEMORANDUM OF UNDERSTANDING

Between

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
(AUTONOMOUS)**

MYLAVARAM-521230,
KRISHNA Dist. ANDHRA PRADESH



AND

**SOFTWARE DEVELOPMENT CENTER,
SOUTH CENTRAL RAILWAYWOMEN'S WELFARE
ORGANISATION**

MAY-2017

MEMORANDUM OF UNDERSTANDING

This memorandum of understanding made and entered into on this 01st day of May 2017 at Vijayawada, between The **LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING (Autonomous)**, Mylavaram has represented by its Principal Sri Dr.K. APPA RAO on herein after referred to as "First Party" which expression unless repugnant to the subject or context shall mean and include its successors and assignees of the part.

AND

SOFTWARE DEVELOPMENT CENTER, SOUTH CENTRAL RAILWAY WOMEN'S WELFARE ORGANISATION, an Organisation in Indian railways as Second party, which expression unless repugnant to the subject or context shall mean and include its successors and assignees of the part.

It has imparted Software Trainings to the railway employees of different departments of Vijayawada division under "Management Information Systems". It has developing the different types of software for the Departments in the South-Central Railway, Vijayawada Division. On this account, we are providing the LIVE PROJECTS and INDUSTRIAL TRAINING from various Departments of SCR/BZA for the students M. Tech, B. Tech (CSE, ECE, IT, EEE, MECH, CIVIL and ECM), Diploma and MCA belonging to various engineering colleges affiliated to JNTUK, Nagarjuna University, Vignan University, Vikramasimhapuri University, SV University, Andhra University, NIIT, etc., during the last fifteen years.

We are glad to inform you that our Organisation is considering you to accommodate the students to take up projects/internships in South Central Railway, Vijayawada Division with reasonable fee. We are able to provide guidance for limited M. Tech, B. Tech, Diploma and MCA students.

AND WHERE AS,

The **LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING (Autonomous)**, Mylavaram started in the field of Professional academic course of Computers, Mechanical, Civil, Electrical, Electronics and their applications has agreed to the proposal of BSNL based on the terms and conditions contained hereinafter.

Now the second party has proposed to impart projects and industrial training to Computers, Mechanical, Civil, Electronics, Electrical students in the concern department of south central railway, Vijayawada to improve their skills, to bridge the gap between academics and Industry by exposing students practically to the live equipment which will be useful for their future and help them understand the working environment of concern department. This MOU is valid for a period of five years w.r.f on 01.05.2017.

NOW THIS MEMORANDUM OF UNDERSTANDING AS FOLLOWS

1. The student has to fill the application form.
2. The student has to pay the fee Challan of Rs. 2000/- for the Internship.
3. The student has to maintain the discipline in the railway premises.
4. The SCRWWO will not pay any stipend.

Curriculum for CSE and IT students:

1. Complete explanation of different departments in South Central Railway, Vijayawada
2. Training in Web Technology (HTML/J2EE/JSP)
3. Database Programming (ORACLE/MYSQL).
4. Net beans & Tomcat
5. Development of Software to different departments.
6. Execution and Installation.

Curriculum for ECE/EIE students:

1. Complete explanation (working process in different wings) in the Signal and Telecommunication Department, south central railway, Vijayawada.
2. Route Relay Interlocking System.
3. SUB STATIONS
4. OFC/CONTROL ROOM.
5. RAILNET
6. TELE COMMUNICATION.
7. UNIFIED TICKET COUNTING
8. Making the model Kit or study project which belongs and uses to the South Central Railway, Vijayawada (Optional).

Curriculum for MECHANICAL students:

1. Explanations about the working process in the Mechanical Department, South Central Railway, Vijayawada.
2. Diesel Loco Shed.
3. IOH
4. Wagon Depot.
5. Mechanical Stores
6. DEMU RAIL
7. HEAVY ELECTRICAL & Wheels section, etc.
8. Route Relay Interlocking System, Points on tracks.
9. Study project which belongs and used to the Mechanical Department, South Central Railway, Vijayawada (Optional).

Curriculum for EEE students:

1. Explanations about the working process in the **Electrical Department**, South Central Railway, Vijayawada.
2. HEAVY ELECTRICALS
3. DEMU RAIL.
4. DIESEL LOCO SHED.
5. Route Relay Interlocking System and SUB STATIONS.
6. Traction Distribution.
7. Reservation
8. Study project which belongs and used to the Electrical Department, South Central Railway, Vijayawada (Optional).

Curriculum for CIVIL students:

1. Explanations about the working process in the Engineering Department, South Central Railway, Vijayawada.
2. Bridges designing using auto cad
3. Ultrasonic track check
4. Constructions designing using staad pro of different sections in Vijayawada division
5. Calculations and Documentation.

A m d
PRINCIPAL
LAKIREDDY BALIREDDY
COLLEGE OF ENGINEERING
Mylavaram
PRINCIPAL
Lakireddy Bali Reddy College of Engg.
MYLAVARAM 521 230.

S. L. Tanuja
SECRETARY
SCRWWO/VIJAYAWADA
SOUTH CENTRAL RAILWAY
WOMEN'S WELFARE ORGANISATION [Regd.]
VIJAYAWADA.

