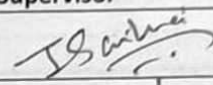
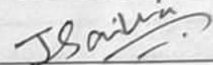


Report of the Field Work/ Project Work/ internship/ Summer Project


1. Name of the Course: Project and Computer Programming
2. Course Code: M 606
3. Name of the Department: Physics
4. Affiliating University: Gauhati University
5. Year of Conduct: 2020-21
6. Number of students Involved: 23
7. Places where it is conducted: Department of Physics, Pub Kamrup College
8. Objectives:
 - (i) To enable the students to familiar and experience with various mechanical and electrical tool through hands-on mode
9. Methodology:
 - i) A 5 Volt regulated power supply was constructed using transformer, diode, capacitor, regulated IC, connecting wires.
10. Details the of the Field Work/ Project Work/ internship/ Summer Project:

Name of the topic	No. of the students	Name of the supervisor	Signature of the Supervisor
To construct a regulated power supply using IC 7805	12	Dr. Julie Saikia	
To construct a regulated power supply using Zener diode	11	Dr. Julie Saikia	

11. Outcome of field work/ Project Work

Students constructed regulated ICs using either IC7805 or Zener diodes. These hands-on activities exposed students to various electronics and electrical components used in Physics laboratory. Students were also trained with the assembling of electronic components such as diodes, transformers, ICs etc.


Signature of HoD


Principal
Pub Kamrup College
P.O. Baihata Chariali



2. List of students

1	SWARNAMOYEE NATH
2	NIHAR DEKA
3	TRISHNA DEKA
4	PARTHA DAS
5	BHRITIMA NARZARY
6	BIKASH TALUKDAR
7	BIKASH KUMAR
8	DEBASISH BHATTACHARJYA
9	MOON CHOUDHURY
10	RUBI NATH
11	HRIDOY RANJAN SARMA
12	KALLOL BHARATI
13	HIMANTA BISWA BASISTHA
14	RUPAM DUTTA
15	JINTU BHUYAN
16	PRANJAL DAS
17	BARASHA DEKA
18	HRIDAY JYOTI SARMAH
19	MOZHARUL ISLAM
20	BHARGAB RAJBANGSHI
21	ANINDITA DEKA
22	ANKITA KALITA
23	DEBABRAT DAS