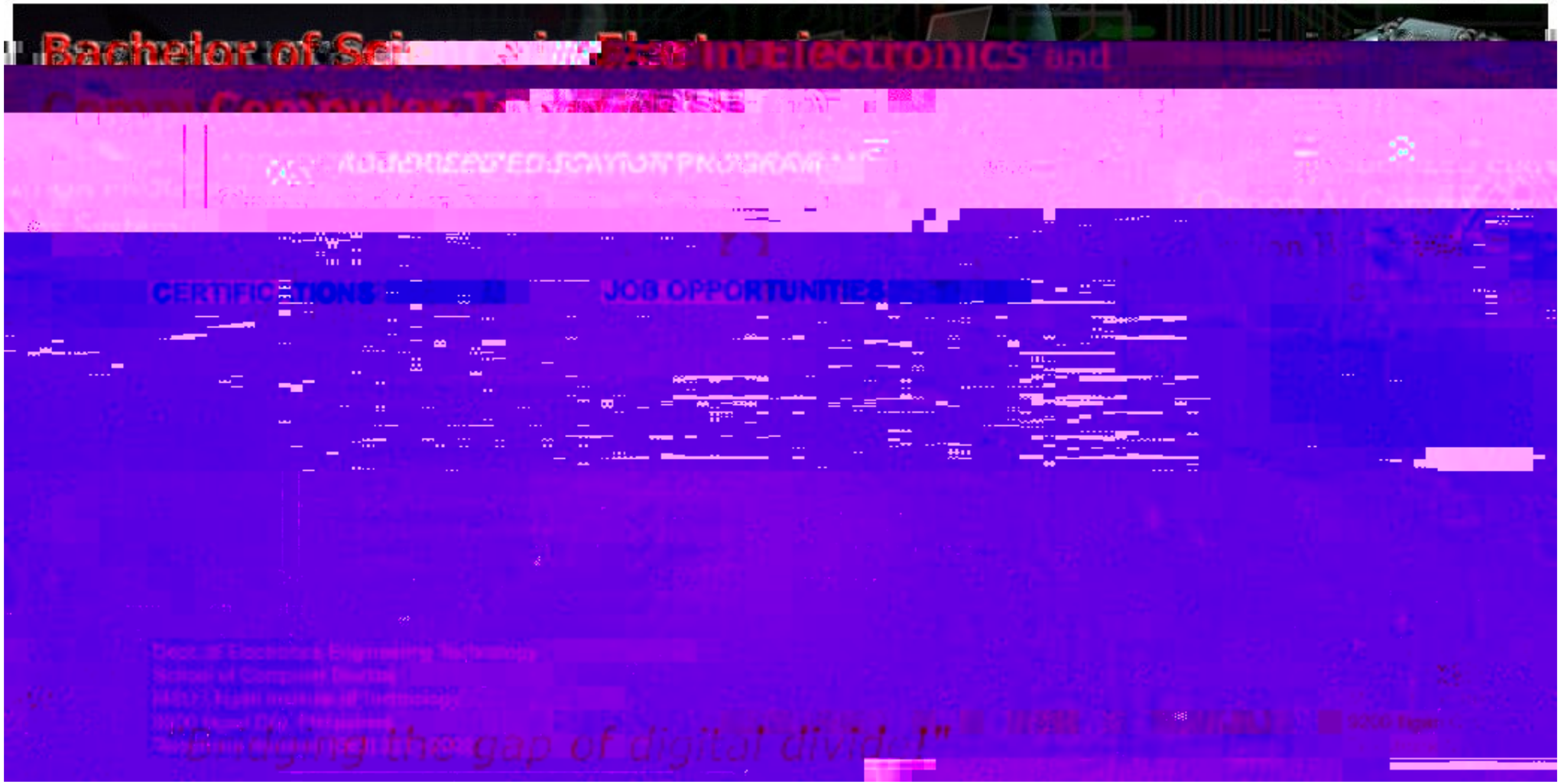
CERTIFICATIONS
JOB OPPORTUNITIES

Department of Electronics Engineering Technology
School of Computer Studies
MSU ± Iligan Insitute of Technology
A. Bonifacio Avenue, Tibanga

14)make an algorithm for given problems.

Year 2

1. Analyze different diode applications as such series/parallel diode connections, rectifiers, clippers, clampers and zener diode regulators;
2. analyze and design basic electronic amplifier circuits;
3. design and implement experiments using flip-flops, registers, memories and counters;
4. service electrical/electronic systems and components;
5. convert ac small signal equivalent of electronic amplifier circuits;
6. implement a microprocessor instruction set in a simulator-based assembly language solutions;
7. write, compile, debug and execute computer programs using a high level language;
8. acquire the skills in micro and small entrepreneur;
9. install, configure, maintain, diagnose and troubleshoot computer systems and networks;
10. familiarize the construction and properties of different integrated circuits;
11. awareness on the existence of the various laws and regulations related to constructions and installations of Antennas , radio transmitters, Licensing Procedures prior to operation of transceivers and transmitters;
12. assemble, test, and align electronic AM/FM radio receivers;
13. trace schematic diagrams of AM/FM circuits;
14. [illegible]rs;

3.

- Advanced Digital Techniques
- Advanced Digital Techniques Lab.
- Instruments and Measurements
- Instruments and Measurements Lab
- Computer Programming I
- Computer Organization and Architecture
- Computer Organization and Architecture Lab.
- Computer Networks and Data Communication Fundamentals
- Computer Networks and Data Communication Fundamentals Lab.
- Computer Repair and Maintenance I
- Computer Repair and Maintenance I Lab.
- Advanced Computer Networks and Data Communication
- Advanced Computer Networks and Data Communication Lab.
- LAN Switching and Wireless Communication
- LAN Switching and Wireless Communication Lab.
- Radio Laws and Regulations
- Communications System
- Communications System Lab.
- Telecommunication Fundamentals
- Telecommunication Fundamentals Lab.
- Professional Ethics
- Audio-Video Systems
- Audio-Video Systems Lab.
- Transmitter System
- Transmitter System Lab.
- Network Operating System
- Network Operating System Lab.
- Technopreneurship
- Internetworking Technology
- Secure Converged Networks
- Multilayer Switched Networks
- VOIP and IP Telephony
- Network Application Software
- Network Design and Management
- Network Security
- Network Management
- Wireless Communications
- Project Management
- Assembler Language and Programming
- Assembler Language and Programming Lab.
- Programmable Logic Controller Applications
- Programmable Logic Controller Applications Lab.
- Introduction to Operating Systems
- Introduction to Operating Systems Lab.
- Microprocessor and System Applications
- Microprocessor and System Applications Lab.
- Computer Repair and Maintenance II
- Computer Repair and Maintenance II Lab.
- Discrete Mathematics for ECT
- Object-Oriented Programming
- Object-Oriented Programming Lab.
- Fundamentals of Embedded Systems Design and Programming
- Real-Time and Embedded Operating Systems
- Programming Mobile Devices
- HDL-Based Digital Design