



**UNIVERSITY WITH POTENTIAL FOR EXCELLENCE  
IN  
BIOMEDICAL ENGINEERING AND INSTRUMENTATION**

*Funded by  
UGC*



**AI Based Opto Electronics and Medical Imaging Platform**

**LIST OF SOFTWARES**

<b>Sl.No.</b>	<b>SOFTWARE NAME</b>
1.	MATLAB (STANDARD VERSION)
2.	MIMICS
3.	3D DOCTOR
4.	FPGA DEVELOPMENT BOARDS
5.	NI –LAB VIEW SOFTWARE
6.	IRIS RECOGNITION SYSTEM
7.	FLUORESCENCE IMAGING SYSTEM
8.	TELEMEDICINE WORKSTATION-HEALTHCARE SETUP WITH SOFTWARE
9.	COMPUTER VISION AND IMAGING SOFTWARE
10.	IDL WITH IMAGE PROCESSING SOFTWARE
11.	OPTICAL AND ILLUMINATION DESIGN SOFTWARE AND OPTO-MECHANICAL DESIGN SOFTWARE

**LIST OF HARDWARES SYSTEM**

<b>Sl.No.</b>	<b>HARDWARES SYSTEM</b>
12.	COMPUTER VISION SYSTEM
13.	BLUETOOTH BASED DAQ FOR BIOMEDICAL SIGNALS OUR SMART PHONE
14.	M – HEALTH PLATFORM
15.	THERMAL IMAGING SYSTEM