Smt. Kamala & Sri. Venkappa M Agadi College of Engineering and Technology-Lakshmeshwar – 582116

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Lab details as on for the academic year 2023-24

Name of the Laboratory : **Analog and Digital system Design Lab (BECL305)**

Semester : III
Building Name : Dr.J C Bose
Room No : 4202
Lab carpet Area : 90 Sq Mtrs
Sharing :Shared with Project lab
Amount Spent till Date : Rs 14,00,673
Budget for Current Year : Rs15,000
First Aid Available :No
No of PC Available :Nil
Lab in charge : Mr.Shashihar P K
Technical Staff : Ms.Priya M

Equipment Details

SI no	Name	Supplier	Year of Installation
1	4 & 1/2 DIGIT DMM, Autocompute LCR Meter	Aplab Banglore	
2	2 MHz Function Generator, Regulated Bench DUAL O/P P.S, DC Regulated Power Supply, Triple O/P Power Supply	Scientech Technology	
3	Portable Analog Meter: Moving Coil Ammeter,DRB,DCB,DIB	Frax Banglore	2004-05
4	Cathod Ray Oscilloscope	Raviteja (Scientech) Banglore	
5	30 MHz Dual Channel 4 Trace Oscilloscope	Uday Engg. Banglore	

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Lab details as on for the academic year 2023-24

Name of the Laboratory   **: DSDV Lab (BEC302)**

Semester   : III
Building Name   : Dr.J C Bose
Room No   : 4202
Lab carpet Area   : 90 Sq Mtrs
Sharing   : Shared with VLSI lab
Amount Spent till Date   : Rs1,59,360
Budget for Current Year   : Rs. 10,000
First Aid Available   :No
No of PC Available   :18
Lab in charge   :Mr.Amarappa Pagi
Technical Staff   :Mr.Giresh H

Equipment Details

SI no	Name	Supplier	Year of Installation
1	XilinX 14.7 ISE Design Suite	ALS Banglore	2022-23
2	SPARTAN-6 FPGA SC6SLX4TQ144		

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Lab details as on for the academic year 2023-24

Name of the Laboratory   **: EPC Lab (BEC303)**

Semester   : III
Building Name   : Dr.J C Bose
Room No   : 4203
Lab carpet Area   : 113 Sq Mtrs
Sharing   : Shared with CN lab
Amount Spent till Date   : Rs11,32,105
Budget for Current Year   : 10,000
First Aid Available   :No
No of PC Available   :18
Lab in charge   :Dr.Subhas Meti
Technical Staff   : Mr.Mahantesh M

Software Details			
Sl no	**Name**	**Supplier**	**Year of Installation**
1	Multisim 14.2 Software	National Instruments	2021

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Lab details as on for the academic year 2023-24

Name of the Laboratory   : **Communication Lab-II (21ECL55)**
Semester   : **V**
Building Name   : **Dr.J C Bose**
Room No   : **4206**
Lab carpet Area   : **74 Sq Mtrs**
Amount Spent till Date   :**Rs 11,88,348**
Budget for Current Year   : **10,000**
First Aid Available   :**No**
No of PC Available   :**Nil**
Lab in charge   :**Mr.Amarappa Pagi**
Technical Staff   : **Mr.Mahantesh M**

Equipment Details

SI no	Name	Supplier	Year of Installation
1	CRO 20MHz		
2	Signal Generators 3GHz	ApLAB Bangalore	2007
3	Power Supply		

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Lab details as on for the academic year 2023-24

Name of the Laboratory : **ARM Controller Lab (21EC52)**

Semester : V
Building Name : Dr.J C Bose
Room No : 4203
Lab carpet Area : 113 Sq Mtrs
Sharing : Shared with CN lab
Amount Spent till Date : Rs11,32,105
Budget for Current Year : 10,000
First Aid Available :Yes
No of PC Available :18
Lab in charge :Prof. Santosh B
Technical Staff : Mr. Amarappa Pagi

Equipment Details

SI no	Name	Supplier	Year of Installation
1	ALS-SDAFAPGA-UNIVERSAL BASE BOARD		
2	SPARTAN-6 FPGA SC6SLX4TQ144	ALS Banglore	2021
3	INTERFACES (Stepper motor, ADC, DC motor, DAC)		

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Lab details as on for the academic year 2023-24

Name of the Laboratory **: IoT Lab (21EC581)**
Semester **: V**
Building Name **: Dr.J C Bose**
Room No **: 4204**
Lab carpet Area **: 91 Sq Mtrs**
Budget for Current Year **: 10,000**
First Aid Available **: No**
No of PC Available **:16**
Lab in charge **: Mr. Basavaraj Soratur**
Technical Staff **: Ms.Priya M**

Equipment Details

Sl no	Name	Supplier	Year of Installation
1	Arduino Boards	**Utilizing the components available in Sonata sponsored project laboratory**	2019
2	Sensors		
3	Actuators		

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Lab details as on for the academic year 2023-24

Name of the Laboratory   **: VLSI Lab (18ECL77)**
Semester   **: VII**
Building Name   **: Dr.J C Bose**
Room No   **: 4201**
Lab carpet Area   **: 113 Sq Mtrs**
Sharing   **: Shared with DSDV lab**
Amount Spent till Date   **: Rs17,99,069**
Budget for Current Year   **: 10,000**
First Aid Available   **:Yes**
No of PC Available   **:18**
Lab in charge   **:Mr.Kiran K**
Technical Staff   **:Mr.Giresh H**

Equipment Details

Sl no	Name	Supplier	Year of Installation
1	18 No's PC's(Wipro supper genius Desktop with TFT Monitor),	International Infocom Technologies,Thane	2022
2	Electric Software 9.07	Open Source	

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Lab details as on for the academic year 2023-24

Name of the Laboratory : **Computer Networks Lab (18ECL76)**

Semester : VII
Building Name : Dr.J C Bose
Room No : 4203
Lab carpet Area :101 Sq Mtrs
Sharing : Shared with ARM Lab
Amount Spent till Date : Rs10,000,00
Budget for Current Year : Rs 10,000
First Aid Available :Yes
No of PC Available :18
Lab in charge :Prof: Manjunath B
Technical Staff : Mr.Mahantesh M

Equipment Details

Sl no	Name	Supplier	Year of Installation
1	Computer		
2	NS2 Software	JSB Technologies Hubli	2017/18
3	UPS BackUp		