


DEPARTMENT OF MEDICAL ELECTRONICS

01	Name	:	Mr.M.Nagaraja	
02	Date of Birth	:	20-07-1967 & 43	
03	Highest Educational Qualification	:	M.Tech	
04	Designation	:	Assistant Professor & HOD	


Sl. No	Qualification	Board/IIT/NIT/University/Others	Institute & Place of Study	Area of Specialization	Year of Passing
a.	Ph.D	Pursuing from VTU			
b.	UG Degree	Mysore University	Govt.BDT College of Engg,Davanagere	Electronics & Communication	1991
c.	PG Degree	VTU	MSRIT,Bangalore	Digital Electronics & Communication	2004

05	Work Experience	:	Teaching	Research	Industry	Others	Total
			16		02	--	18
	Date of Joining & Years	:	05-10-2005, 4.6 years				

06	Subjects teaching at Under Graduate Level / Post Graduate Level						
	Under Graduate Level						
	Theory	:	Digital Signal Processing, Signals & Systems, Information Theory & Coding, Microprocessor, Microcontroller, VHDL, Computer Communication Networks, Electronics Circuits, Basic Electronics, Network Analysis				
	Practical	:	Electronic Circuits Lab, Logic Design Lab, Microprocessor Lab, VHDL Lab, Communication Lab, Advanced Communication Lab, CCN Lab, VLSI Lab, Microcontroller Lab				
	Project Work	:	Lasers, Simulation, Microprocessor Applications, Software etc				

07	Research Guidance Nos.	No. of Papers Published in Master's/Ph.D Level	National Journals	International Journals	Conferences
					2

08	Projects Carried Out	:	
09	Patents	:	
10	Technology Transfer	:	
11	Research Publications	:	
12	No. of Books Published with Details	:	


01	Name	:	Mrs.Kavitha Ramasamy	
02	Date of Birth	:	08.07.1981	
03	Highest Educational Qualification	:	M.Tech (Ph.D)	
04	Designation	:	LECTURER	

Sl. No	Qualification	Board/IIT/NIT/University/Others	Institute & Place of Study	Area of Specialization	Year of Passing
a.	M.Tech	VIT	Vellore institute of technology,vellore	Biomedical engineering	May 2006
b.	B.E	Avinashilingam University	Avinashilingam college of engg for women,coimbatore	Biomedical instrumentation engineering	May2003
c.					

05	Work Experience	:	Teaching	Research	Industry	Others	Total
			2 years		9months		2.9years
	Date of Joining & Years	:	(April2006-november2006,july23rd 2008to till date) june2003-feb2004-industry				
06	Subjects teaching at Under Graduate Level / Post Graduate Level						
	Under Graduate Level						
	Theory	:	Electronic instrumentation,DSP and its application in medicine,Biomedical instrumentation,control system.				
	Practical	:	DSP LAB,medical electronics lab				
	Project Work	:	EEG FAX DATA USING WAP				

07	Research Guidance Nos.	No. of Papers Published in Master's/Ph.D Level	National Journals	International Journals	Conferences
		2			5

08	Projects Carried Out	:	MICROCONTROLLER BASED BABR INSUBATOR,VIDEO BASED SLIT LAMP FOR TELE-OPHTHALMOLGY
09	Patents	:	-
10	Technology Transfer	:	-
11	Research Publications	:	-
12	No. of Books Published with Details	:	-


01	Name	:	Mr.G.Gowrishankar	
02	Date of Birth	:	04-09-1980	
03	Highest Educational Qualification	:	M.Tech	
04	Designation	:	Lecturer	

Sl. No	Qualification	Board/IIT/NIT/University/Others	Institute & Place of Study	Area of Specialization	Year of Passing
a.	M.Tech	Vellore Institute of technology	VIT, vellore	Bio Medical Engineering	2005
b.	B.E	Periyar University	Adhiyamaan College of Engg, Hosur	E&C	2002
c.					
d.					
e.					

05	Work Experience	:	Teaching	Research	Industry	Others	Total
			4.5		0.5		5.0
	Date of Joining & Years	:	14-08-2008 , 1.5 years				
06	Subjects teaching at Under Graduate Level / Post Graduate Level						
	Under Graduate Level						
	Theory	:	1.Electronic circuits, 2.Analog and Digital electronics circuits, 3.Signals and systems, 4.Fundamentals of HDL, 5. Lasers and optical Instrumentation, 6. Biomaterials and Artificial Organs, 7. Linear Algebra 8. Radiological Equipments.				
	Practical	:	1. Electronic circuits Lab 2. Analog and Digital electronics Lab 3.Fundamentals of HDL and 4.DSP lab				
	Project Work	:					

07	Research Guidance Nos.	No. of Papers Published in Master's/Ph.D Level	National Journals	International Journals	Conferences

08	Projects Carried Out	:	
09	Patents	:	
10	Technology Transfer	:	
11	Research Publications	:	
12	No. of Books Published with Details	:	


01	Name	:	Ms Deepa Bhandarkar	
02	Date of Birth	:	05-09-1982	
03	Highest Educational Qualification	:	B.E(M.Tech)	
04	Designation	:	Lecturer	

Sl. No	Qualification	Board/IIT/NIT/University/Others	Institute & Place of Study	Area of Specialization	Year of Passing
a.	B.E	VTU	K.L.E College Of engineering, Belgaum	Bio-Medical	2005
b.					
c.					

05	Work Experience	:	Teaching	Research	Industry	Others	Total
			3.3 years		4 months		3.7 years
	Date of Joining & Years	:	31 st august 2006 to till date,13-03-06 to 13-07-06				
06	Subjects teaching at Under Graduate Level / Post Graduate Level						
	Under Graduate Level						
	Theory	:	Logic Design, Microcontroller, Medical Science, C, Digital image Processing, Analog Communication, Principles Of Medical Imaging, Patient Monitoring System, Microprocessor				
	Practical	:	Micro controller Lab, Medical Science Lab, Digital image Processing Lab, Logic Design Lab, Microprocessor Lab				
	Project Work	:	Bio telemetry, Blue Tooth Based Patient Monitoring System, Microcontroller Based Coro series Tester				

07	Research Guidance Nos.	No. of Papers Published in Master's/Ph.D Level	National Journals	International Journals	Conferences

08	Projects Carried Out	:	Muscular Bio-Stimulator, Cardiotel-Hand Held ECG analysis and telemetry.
09	Patents	:	
10	Technology Transfer	:	
11	Research Publications	:	
12	No. of Books Published with Details	:	

01	Name	:	Mr.Sakthivel.A.M	
02	Date of Birth	:	03-06-1983	
03	Highest Educational Qualification	:	BE (ME)	
04	Designation	:	Lecturer	


Sl. No	Qualification	Board/IIT/NIT/University/Others	Institute & Place of Study	Area of Specialization	Year of Passing
a.	BE	Anna University	Sri Sai Ram Engg College, Chennai.	ECE	2005
b.					
c.					

05	Work Experience	:	Teaching	Research	Industry	Others	Total
			3.1 Years	-	6 Months	-	3.7
	Date of Joining & Years	:	26-09-2006				

06	Subjects teaching at Under Graduate Level / Post Graduate Level						
	Under Graduate Level						
	Theory	:	1. Signal & Systems 2. Network analysis 3. Control Systems 4.Object oriented programming 5. Analog communication 6. Digital communication 7. Data communication 8. Communication systems				
	Practical	:	1. Analog Electronics lab 2. Communication lab 3. Analog Ics & communication lab 4. Micro controller lab				
Project Work	:	1. Micro controller based Wireless Recorder for Biomedical Signals using Zigbee Wireless Technology 2. Speech based Wheelchair Control					

07	Research Guidance Nos.	No. of Papers Published in Master's/Ph.D Level	National Journals	International Journals	Conferences

08	Projects Carried Out	:	
09	Patents	:	
10	Technology Transfer	:	
11	Research Publications	:	
12	No. of Books Published with Details	:	


01	Name	:	Mrs.Sowmya S Aithal	
02	Date of Birth	:	06/04/1982	
03	Highest Educational Qualification	:	B.E.	
04	Designation	:	LECTURER	

Sl. No	Qualification	Board/IIT/NIT/University/Others	Institute & Place of Study	Area of Specialization	Year of Passing
a.	BE	VTU	Dr.AIT, BANGALORE	MEDICAL ELECTRONICS	2005
b.					
c.					

05	Work Experience	:	Teaching	Research	Industry	Others	Total
			3.8				3.8
	Date of Joining & Years	:	26 th MARCH 2007				
06	Subjects teaching at Under Graduate Level / Post Graduate Level						
	Under Graduate Level						
	Theory	:	Computer Organization, Advanced Biomedical Digital Signal Processing, Bio-Signal Measurements, Digital Signal Processing, Lasers and Fiber Optics in medicine, Pattern Recognition, Analog Electronic Circuits, Fuzzy Logic and its applications, Biomedical Digital Signal Processing, Linear Integrated Circuits				
	Practical	:	Biomedical Digital Signal Processing lab, Digital Signal Processing lab, Digital Image Processing lab, Analog Electronic Circuits lab, C++ and data structures lab				
Project Work	:	PC interaction for visually impaired using JAVA, Thermal sensitivity mapping of the foot, Micro controlled based Snellen's Chart projector					

07	Research Guidance Nos.	No. of Papers Published in Master's/Ph.D Level	National Journals	International Journals	Conferences

08	Projects Carried Out	:	
09	Patents	:	
10	Technology Transfer	:	
11	Research Publications	:	
12	No. of Books Published with Details	:	


01	Name	:	Ms Rashmi G.P	
02	Date of Birth	:	07:04:1985	
03	Highest Educational Qualification	:	B.E	
04	Designation	:	LECTURER	

Sl. No	Qualification	Board/IIT/NIT/University/Others	Institute & Place of Study	Area of Specialization	Year of Passing
a.	B.E	VTU	M.V.J.C.E	MEDICAL ELECTRONICS	2007
b.					

05	Work Experience	:	Teaching	Research	Industry	Others	Total
			2.2				2.2
	Date of Joining & Years	:	06:08:2007,2.2YEARS				
06	Subjects teaching at Under Graduate Level / Post Graduate Level						
	Under Graduate Level						
	Theory	:	MEDICAL IMAGING SYSTEMS, BIOMEDICAL INSTRUMENTATION,PATIENT MONITORING SYSTEM,PRINCIPLES OF MEDICAL IMAGING,COMPUTERS IN MEDICINE,NEURAL NETWORK,MICROPROCESSOR AND MICROCONTROLLERS, C++ WITH DATA STRUCTURE				
	Practical	:	BMDSP LAB,ANALOG ELECTRONICS LAB,C++ WITH DATA STRUCTURES,MICROPROCESSOR AND MICROCONTROLLER,DSP LAB,DIP LAB				
	Project Work	:	COMPUTERISED OPHTHALMIC PERIMETRY				

07	Research Guidance Nos.	No. of Papers Published in Master's/Ph.D Level	National Journals	International Journals	Conferences

08	Projects Carried Out	:	
09	Patents	:	
10	Technology Transfer	:	
11	Research Publication	:	
12	No. of Books Published with Details	:	


01	Name	:	Ms Sugandha	
02	Date of Birth	:	29-07-1984	
03	Highest Educational Qualification	:	B.E (ML)	
04	Designation	:	LECTURER	

Sl. No	Qualification	Board/IIT/NIT/University/Others	Institute & Place of Study	Area of Specialization	Year of Passing
a.	B.E	VTU	M.V.J.C.E, BANGALORE	MEDICAL ELECTRONICS	2007
b.					
c.					

05	Work Experience	:	Teaching	Research	Industry	Others	Total
			2.2years				2.2
	Date of Joining & Years	:	22-08-2007 – till date				
06	Subjects teaching at Under Graduate Level / Post Graduate Level						
	Under Graduate Level						
	Theory	:	BIOMEDICAL DIGITAL SIGNAL PROCESSING, BIOLOGICAL CONTROL SYSTEM, ELECTRONIC INSTRUMENTATION, ADVANCED BIOMEDICAL DIGITAL SIGNAL PROCESSING, MEDICAL PHYSICS				
	Practical	:	BMDSP LAB. MEDICAL SCIENCE LAB, DIP LAB, LOGIC DESIGN LAB				
	Project Work	:	MICROCONTROLLER BASED HAND DYNAMOMETER WITH THE FEATURE OF JOINT MOVEMENT MONITORING.				

07	Research Guidance Nos.	No. of Papers Published in Master's/Ph.D Level	National Journals	International Journals	Conferences

08	Projects Carried Out	:	
09	Patents	:	
10	Technology Transfer	:	
11	Research Publications	:	
12	No. of Books Published with Details	:	

01	Name	:	Mr.Manoranjan Kumar	
02	Date of Birth	:	15/02/1985	
03	Highest Educational Qualification	:	B.E (E&C)	
04	Designation	:	LECTURER	

Sl. No	Qualification	Board/IIT/NIT/University/Others	Institute & Place of Study	Area of Specialization	Year of Passing
a.	B.E	V.T.U	ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHICKMAGALOR	ELECTRONICS AND COMMUNICATION	2007
b.					
c.					

05	Work Experience	:	Teaching	Research	Industry	Others	Total
			2.2 Years				2.2 Years
	Date of Joining & Years	:	25 AUG 2007 – till date				

06	Subjects teaching at Under Graduate Level / Post Graduate Level						
	Under Graduate Level						
	Theory	:	1.Electronic circuits, 2.Logic Design, 3.Signals and systems, 4. Linear Algebra, 5. OPERATION RESEARCH & ENGINEERING MANAGEMENT, 6.Network analysis, 7. CIPE				
	Practical	:	1.Logic design lab, 2.HDL lab, 3.Analog Electronic circuits lab, 4.Communication lab, 5. Micro controller lab				
	Project Work	:					

07	Research Guidance Nos.	No. of Papers Published in Master's/Ph.D Level	National Journals	International Journals	Conferences

08	Projects Carried Out	:	
09	Patents	:	
10	Technology Transfer	:	
11	Research Publications	:	
12	No. of Books Published with Details	:	