



SVCE Sri Venkateswara
College of
Engineering



SRI VENKATESWARA COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

In Association with

ELECTRONICS AND COMMUNICATION ENGINEERS ASSOCIATION





Along with

THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS-SF

And

ROBOTICS AND ARTIFICIAL INTELLIGENCE CLUB

REPORT ON GUEST LECTURE: MEDICAL ELECTRONICS

 Sri Venkateswara
College of
Engineering
 



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
 In Association with
 ELECTRONICS AND COMMUNICATION ENGINEERS' ASSOCIATION – SVCE
 &
 INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS-SF
 &
 ROBOTICS & ARTIFICIAL INTELLIGENCE CLUB

Proposal for Guest Lecture on Medical Electronics for II year students


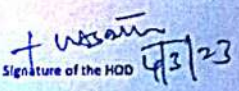
ECE Association, IETE - Students Forum, and RAIC of SVCE is planning to conduct a "Guest Lecture on Medical Electronics" on Tuesday, 7th March 2023 in our college premises. The guest lecture is planned exclusively for II year students.

The chief guest and the Expert key speaker of this workshop is Mr. Srinivasa Raja G, Testing and QA Lead in the R & D Dept. of Phoenix Medical System Pvt. Ltd, a Manufacturer of Neonatal Indigenous products with 10 years of experience in the field of Medical Electronics.

The event is aimed to improve the students' knowledge on different equipments used in hospitals It also allows students to exchange their ideas of innovation. Kindly approve this proposal and grant permission to conduct this guest lecture.

Venue: II Year Classroom
Timing: 11.00 to 12.30 pm

Thank You


 Signature of the Faculty Co-ordinator
 
 Signature of the MOD 4/3/23

Proposal for the session

REPORT ON GUEST LECTURE: MEDICAL ELECTRONICS

The guest lecture on Medical Electronics was organised and coordinated by the Electronics and Communication Engineers Association (ECEA), along with Institution of Electronics and Telecommunication Engineers (IETE) - Student Forum, and the Robotics and Artificial Intelligence Club (RAIC) of Sri Venkateswara College of Engineering, on 7th March 2023 (Tuesday), in classroom no. 532.

This guest lecture was conducted exclusively for second year students of the ECE department.

Commencement of the session	7 th March, 2023 (11 AM IST)
End of the session	7 th March, 2023 (12:15 PM IST)
Total Participants	120 Participants



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ENGINEERING

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&
THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS -
STUDENTS FORUM

Solicits your esteemed presence for the

GUEST LECTURE (2022-2023)



Mr. Srinivasa Raja.G
Lead Engineer (Testing & QA)
R&D Department
Phoenix Medical Systems Pvt. Ltd.
Chennai

DATE : 07.03.2023
TIME : 11.00 AM
VENUE : V-BLOCK-506



Flyer for the event

About the guest:

The guest lecture was delivered by Mr. Srinivasa Raja G. He is currently working as a full-time Lead Engineer (Testing and Quality Assurance) in the R&D department of Phoenix Medical Systems P(Ltd), Chennai. He is highly skilled in the field of testing and calibration of medical devices, which he gained by working as a Project Scientist in the National Hub for Healthcare Instrumentation Development.

About the session:

The session started with Mr. S Elangovan (Assistant Professor, ECE) welcoming the guest lecturer Mr. Srinivasa Raja. It was followed by a detailed lecture on Medical Electronics and Assist Devices.

Some of the key points discussed in the session were:

- Importance of Medical electronics in the current world scenario.
- Several instruments and devices that are used in healthcare facilities.
- Importance of Testing and Quality Assurance department in this field.
- Standards set by the ISO for the devices.

The speaker briefed the participants about medical electronics, its significance in the current world, and how it can emerge as a field of opportunities for engineers. He spoke about his role as a Testing and Quality Assurance Engineer, and he gave an overview about the products and devices that are manufactured, mainly infant and maternal care instruments. He also spoke about the various errors that can occur in these instruments and the several consequences of the same through case studies. Then he explained about certain standards that are set by the ISO, which each instrument needs to qualify before being deployed into the healthcare facilities.

The session was truly interesting and enlightening. All the participants were captured by the knowledge portrayed by the chief guest speaker. The chief guest speaker was also very interactive and answered every question put forth by the participants during the "Q&A" session.

The session concluded with a Vote of Thanks by Dr. T J Jeyaprabha, Associate Professor, ECE.

GUEST LECTURE (2022-2023)

AGENDA:

11.05 am to 11.10 am : Introduction of the Chief guest by Elangovan S Assistant Professor/ECE.

11.10 am to 12.20 pm : Technical Talk on " Introduction to Medical Electronics and Assist Devices".

12.20 pm to 12.25 pm : Vote of Thanks by Dr.T.J. Jeyaprabha, ECEA, IETE-SF, RAIC, FODSE Co-ordinator.

Dr.T.J.Jeyaprabha
S.Elangovan

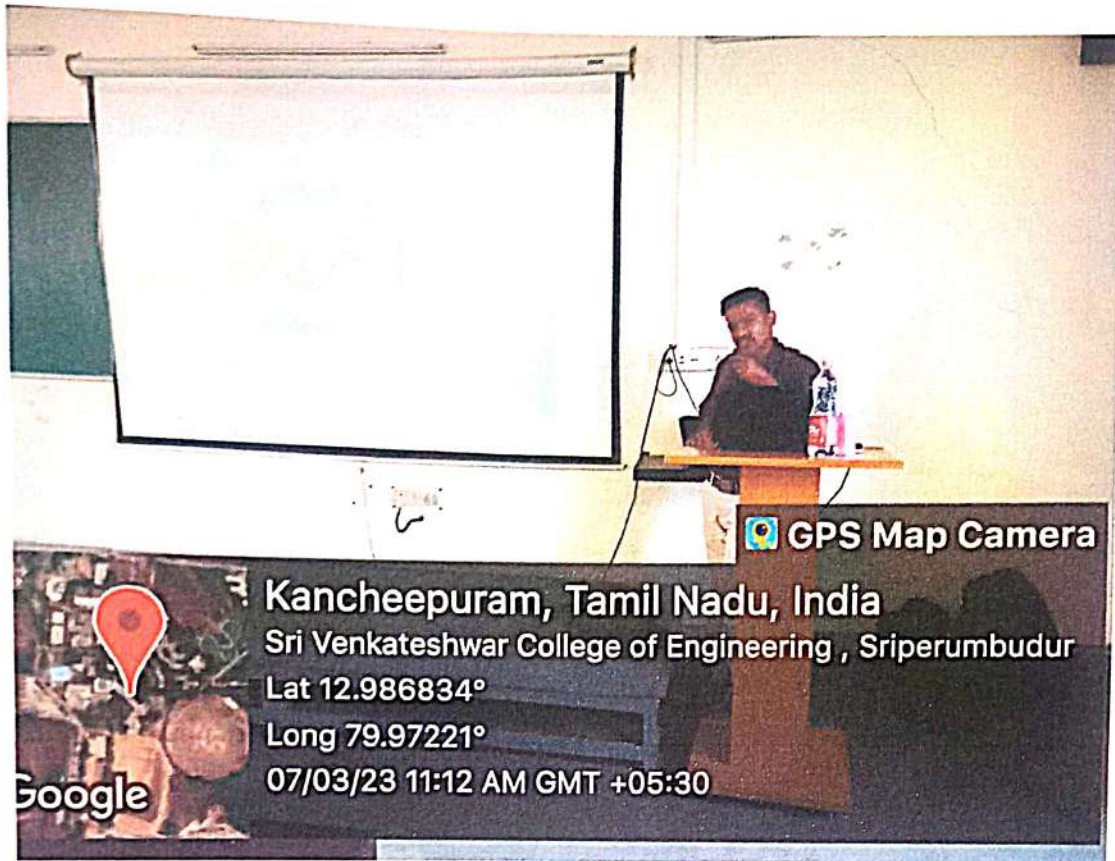
(ECEA, IETE-SF, RAIC,
FODSE Co-ordinator)

Dr.S.Muthukumar
(HOD-ECE)



Agenda for the session

Some snaps from the session:



Mr. Srinivasa Raja handling a session on Medical Electronics



Students of IInd year ECE department attending the session



Faculty coordinators with the chief guest

Participants List:

T.323 II nd A Section		Medical Electronics Guest Lectures	
S.No	Register no	Name	Signature
1.	2127210701011	ANISH KRISHNAN	Anish
2	2127210701033	DICAJ A	A Diji
3	2127210701036	GNANAVLI . K	G. Gnanavli
4	2127210701004	B.M.ABISHAK	Abishak
5	2127210701031	R. GRIHITHASATHU	G.P.
6.	2127210701039	Haranth S	Haranth
7.	2127210701017	ARVIND RAJ.V	Arvind
8.	2127210701016	S. Arunachalam	Arunachalam
9.	2127210701042	B. JASON JEFFREY ROJ	Jason
10	2127210701035	GIRITHARAJ.B	Giritharaj
11	2127210701043	Jaswanth S	Jaswanth
12	2127210701020	S. Balasakthi	Bal
13	2127210701019	ASWEEEN KARTHIK.H	Aswheen
14	2127210701018	S. ASHISH	Ashish
15	2127210701005	AJAY KUMAR A.S	Ajay
16	2127210701001	AADHITHIYA NARAYANAN.B	Aadhi
17	2127210701021	S. Phalaraj Kumar	S. Phalaraj
18	2127210701006	Ajay Kumar A.S	Ajay
19	2127210701055	Kauppasamy	Kauppasamy
20	2127210701049	S. Kalaimaran	Kalaimaran
21.	2127210701035	A. Charan Kumar	Charan
22.	2127210701024	B. Reddy Lakshman Abhis	Reddy
23.	2127210701015	M. Anand	M. Anand
24.	2127210701009	S. Amarnath	Amarnath
25	2127210701022	S. Bhuvan Sarika	Bhuvan
26	2127210701003	N. Abhishek	Abhishek

S.No	Register No	NAME	Signature
27	2127210701028	P. PIPER ANTONY FERNANDO	Piper
28	2127210701041	K. Jagadish	Jagadish
29	2127210701064	SV Karthikeyan	Karthikeyan
30	2127210701031	E. Divya shree	E. Divya
31	2127210701023	N. S. Bhuvaneshwari	N. S. Bhuvaneshwari
32	2127210701010	M. Angelin Sheju	Angelin
33	2127210701008	N. Akshaya Nethra	Akshaya
34	2127210701044	D. Jeervalatha	Jeervalatha
35	2127210701015	Aruna . B	Aruna
36	2127210701031	Bhanushri . J . k	Bhanushri
37	2127210701047	Jenny Leleka	Jenny
38	2127210701038	J. Haripriya	J. Haripriya
39	2127210701002	M. Abrajitha	M. Abrajitha

IInd - 'B' Section

No	Register no	Name	Signature
1.	2127210701057	S. K. Kavya	S. K. Kavya
2.	2127210701078	B. Mohanalakshmi	B. Mohanlakshmi
3.	2127210701061	P. Kishuthika	P. Kishuthika
4.	2127210701084	Nithyassi K S	Nithyassi
5.	2127210701073	Mahith . S . k	Mahith


No	Register no	Name	Signature
1	149	Vankarandh S	Vankarandh S
2	140	Tharun - R.R	Tharun - R.R
3	141	S. Tara Kumar	S. Tara Kumar
4	138	S. Suryaprakash	S. Suryaprakash
5	147	K. Udhaya	K. Udhaya
6	146	T. Suresh Kumar	T. Suresh Kumar
7	150	Umesh J	Umesh J
8	312	Selva Ganesh V.	Selva Ganesh V.
9	160	K. Yogesh Kumar	K. Yogesh Kumar
10	157	P. Vivekanand	P. Vivekanand
11	115	Selva Bharathi T.P	T.P. Selva Bharathi
12	153	Vignesh Kumar A	A. Vignesh Kumar
13	120	Shubhprakash A.V.	Shubhprakash A.V.
14	313	K. S. Shashank	Shanku
15	314	Sunil Kumar A	Sunil Kumar A
16	137	B. Sivija	B. Sivija
17	110	Sanjeev. R	J. Sanjeev R
18	154	Vignesh Meiyappan. L	Vigneshmeiyappan L
19	315	Sunija. S	Sunija S
20	311	PRASHANTH. M	M. Prashanth
21	129	SODHAGAN. M	M. Sodhagan
22	152	VENKAT SRI SS	VENKAT SRI SS

22	155	Vegnesh P	Vign J.
22	148	V Udhaya Prishnam	V. Ua
24	130	SRISITHI B	Srisithi
25	142	Tejeshwan T.S.V	Tejesh
26	143	THARSHITH BALAGIS	Tharshith
27	112	P. SANTHOSH	P. Santosh
28	118	SHARAD L	L. Sharad
29	123	SHYAM S	Shyam
30	134	Stefane M. Olivio	Stefane
31	168	Yuvashi . A	Yuvashi
32	151	Varsha . S	Varsha
33	116	K. SHAKTHI	K. Shakthi
34	128	R. SRIDEVI	R. Sridevi
35	159	S. YRZHINI	S. Yrzhini
36	131	A. SRINIDHI	A. Srinidhi
37	125	R. SNEHA	R. Sneha
38	122	R. SHRUTHI	R. Shruthi
39	121	A. Sheeswetha	A. Sheeswetha
40	124	Sivalakshmi. B	Sivalakshmi
41	139	Tamizharani P.M	Tamizharani
42	132	Saivarshini. S	Saivarshini
43	126	Sneka R	R. Sneka
44	135	Subasree. S.S	SS Subasree
45	117	Shanmugapriya	P. Shanmugapriya
46	136	Sujitha N	N. Sujitha
47	158	Yashini K.J	Yashini



SRI VENKATESWARA COLLEGE OF ENGINEERING
FEEDBACK FROM THE SPEAKER - GUEST LECTURE

DEPARTMENT : Electronics and Communication Engineering

Name of the Speaker	:	Mr.G.Srinivasa Raja
Designation	:	Lead Engineer
Institution/University/Organization	:	Phoenix Medical Systems (P) Ltd.
Mobile / E-mail	:	9840862782 / chillraja@gmail.com
Title of the Lecture	:	An Overview of Medical Devices and Standards
Date	:	07-03-2023
Time	:	11:00am-12:30pm
Venue	:	Block-V Room No-532
Comments by the Speaker	:	Very Good Arrangements, Can arrange for visit to the Factory for better Understanding on the Manufacturing of Medical devices.
Suggestions for improvement	:	College can send interns those who are passion in medical field to Medical devices Manufacturers.
Signature of the Speaker	:	


Signature of Coordinator


Signature of HOD 14/3/23

Organizing teams:

ECEA Comprising of:

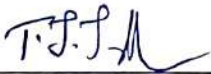
President	: Mr. Gugesesh R (IV Year ECE A)
Vice-President	: Mr. Sangeeth Kanna P (IV Year ECE C)
Secretary	: Mr. V.S.Prithviraj (III Year ECE C)
Treasurer	: Ms. Sahana Balasubramaniam (III Year ECE C)
Executive Members	: Mr. Aakash (III Year ECE A)
	: Mr. Ganeshan H (III Year ECE A)
	: Mr. Pratosh Karthikeyan (III Year ECE B)
	: Mr. Pranav A (III Year ECE B)
	: Mr. Raswanth U (III Year ECE C)
	: Mr. Sowndhar R (III Year ECE C)
Joint Secretary	: Ms. Dharani A (II Year ECE A)
	: Mr. Parvesh R (II Year ECE B)
	: Mr. Umesh Anandh S (II Year ECE C)

IETE SF SVCE comprising of:

Chairman	: Mr. Sivasubramanian R (IV Year ECE
C)Vice Chairman	: Mr.Deepak Akash Raj T
Honorary Secretary	: Ms. Mrdulla V Naarayan (III Year ECE B)
Honorary Treasurer	: Ms. Lakshana Sasikumar (III Year ECE B)
Executive Members	: Mr. Arvinth G (III Year ECE A)
	: Mr. Avinash P (III Year ECE A)
	: Mr. Nirmal Kumar T K (III Year ECE B)
	: Mr. Nithish P (III Year ECE B)
	: Ms. Sakthi Maheswari M (III Year ECE C)
	: Mr. Shashidar G (III Year ECE)
Joint Secretary	: Mr. Ashish S (II Year ECE A)
	: Ms. Nivetha D R (II Year ECE B)
	: Mr. Tharun K R (II Year ECE C)

RAIC Comprising of:

President	: Ms. Krishna Priya S (IV Year ECE B)
Vice-President	: Mr. Hari Prasad P (IV Year ECE A)
Secretary	: Mr. Sanjay Lokesh A M (III Year ECE C)
Joint Secretary	: Mr. Anish Krishnan (II Year ECE A)
	: Mr. Mahith I K (II Year ECE B)
	: Mr. Sharad L (II Year ECE C)
Mentors	: Mr. T R Hari Prasanna (IV Year ECE A)
	: Mr. M Kishore (IV Year ECE B)
	: Ms. Subashree (IV Year ECE C)
	: Mr. Ganeshan H (III Year ECE A)
	: Mr. Magesh S (III Year ECE B)
	: Mr. Rajeshvar M Swamy (III Year ECE C)
	: Ms. Snehalatha M (III Year ECE C)
	: Ms. Srivani M (III Year ECE C)
	: Ms. Vishnu Priya V T (III Year ECE C)



Dr. T J Jeyaprabha

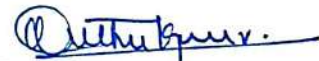
Associate Professor, ECE

ECEA, ISF, RAIC Coordinator



Coordinator

ECE A, ISF, RAIC



Dr. S Muthukumar

Professor & HOD – ECE

DATE:

REPORT BY:

S Ashish

(Joint Secretary, IETE-SF, SVCE)

Umesh Anand S

(Joint Secretary, RAIC, SVCE)