

Mobile: +91 9894422311
Email: gopugovindasamy@gmail.com



Prof. G. GOPU

PROFILE

More than 22 years' experience in teaching and 13 years' experience in **Research and Development** one year in the industry and having good administrative experience in academic and non-academic portfolio. Outstanding academic records with **Master's** degree and Obtained **Doctorate** degree in **Biomedical Engineering, Faculty of Electrical Engineering**. Published many research papers in **International, National level Journals and Conferences**.

OBJECTIVE

To become a part of an organization this will allow me to utilize my Administrative, Academic, R&D, Technical and management skills for the growth of the institution, Students and to improve my R&D skills.

ACADEMIC QUALIFICATION

Doctor of Philosophy in Electricals & Electronics Engineering (Ph.D.) – (2013)

Specialization: Biomedical Engineering

PSG College of Technology, Coimbatore, India

Highly commended, Guide: Prof. Dr. R.Neelaveni

Master of Technology in Biomedical Signal Processing and Instrumentation (M.Tech) – (2002)

Specialization: Biomedical Engineering

SASTRA University, Thanjavur, India

First Class with Distinction with 8.7460 CGPA

Bachelor of Engineering in Electricals & Electronics Engineering (B.E) – (1992-1996)

Faculty of Engineering

AS HEAD OF THE DEPARTMENT - IMPORTANT MILESTONES ACHIEVED IN BME

- Department of Biomedical Engineering, Sri Ramakrishna Engineering College, Coimbatore got first accreditation by NBA in the year 2016 and got reaccreditation in the year 2019.
- Designed and Implemented Curriculum and Syllabus for regulation R2012 and R2016 (CBCS).
- Department of Biomedical Engineering, Sri Ramakrishna Engineering College, Coimbatore is approved as Research Centre by Anna University, Chennai in the Year 2017.
- Department of Biomedical Engineering, Sri Ramakrishna Engineering College, Coimbatore received Institutional membership from Biomedical Engineering Society of India (BMESI).
- Department of Biomedical Engineering, Sri Ramakrishna Engineering College, Coimbatore conducted the First National Seminar in the year 2013 and it is continuing every year with different topics for the benefits of Students and Faculty.
- Department of Biomedical Engineering, Sri Ramakrishna Engineering College, Coimbatore conducted the First National Conference in the year 2014.
- Department of Biomedical Engineering, Sri Ramakrishna Engineering College, Coimbatore signed MoU with Fyrstra Solution, Bangalore, Niranjana Ultrasound India Private Limited, Calicut, Medsby Healthcare and Engineering Solutions, Coimbatore and our Institution signed MoU with Pricol Limited, Coimbatore, National Instrumentation, Bangalore, ROOTS Group, Coimbatore, Coimbatore Industrial Infrastructure Association, Cbe, Wipro Ge Healthcare Private Limited, Bangalore and Healthcare Technology Innovation Centre, Chennai for the benefit of Faculty and Students
- Department of Biomedical Engineering, Sri Ramakrishna Engineering College, Coimbatore regularly conducting extension activities like to have a good relationship with society, many events like health awareness program, Blood group identification for elementary school student and tree plantation, etc.
- Department of Biomedical Engineering, Sri Ramakrishna Engineering College, Coimbatore Obtained a good number of Internship cum Job offers to the students and Placement, higher education in India and abroad universities.
- Department of Biomedical Engineering, Sri Ramakrishna Engineering College, Coimbatore Established new laboratories and also developed infrastructure with the support of my higher official and faculty team
- Department of Biomedical Engineering, Sri Ramakrishna Engineering College, Coimbatore Received MODROB funding for Medical Instrumentation Laboratory in the year 2018.

- Department of Biomedical Engineering, Sri Ramakrishna Engineering College, Coimbatore Continuous conduct of different events regularly for the benefit of Faculty members and students like Guest Lecture, Workshop, Seminar, Alumni interaction program, etc.,
- Department of Biomedical Engineering, Sri Ramakrishna Engineering College, Coimbatore started IEEE-EMBS chapter in the year 2019.
- More importantly, Department of Biomedical Engineering, Sri Ramakrishna Engineering College, Coimbatore admission is going on well with the admission of students with good cut-off marks
- Department of Biomedical Engineering, Sri Ramakrishna Engineering College, Coimbatore produces a very good result in the end semester Examination.
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RESEARCH AREAS

- Bio-Medical Instrumentation
- Neural Networks and Fuzzy Systems
- Instrumentation Systems
- Image Processing
- Electrical and Electronics Measurement

AREAS OF INTEREST

- Bio-Medical Instrumentation
- Biomedical Engineering
- Biomedical Signal Processing and Image Processing

MEMBERSHIP DETAILS

Sl.No	Details
1. IEEE and IEEE EMBS	- Senior Membership no: 90557006
2. IETE	- Membership no: M176011
3. ISTE	- Membership no: LM 29134
4. BMESI	- Membership no: L583
5. FCET(I)	- Membership no:30018
6. IAENG	- Membership no: 214135

RESEARCH EXPERIENCE

RESEARCH SCHOLAR

PSG College of Technology, Coimbatore

June 2006 – December 2013

Under ANNA UNIVERSITY, Chennai

RESEARCH SUPERVISOR

SNO	ID	Superviosr Supervisor	University	Internal Scholars	External Scholars
1	2830003	Supervisor	AU,Chennai	1	0
2	2830003	Joint Supervisor	AU,Chennai	0	1

TEACHING EXPERIENCE

Sri Ramakrishna Engineering College, Coimbatore-22

June 2012 - till date

Professor & Head, Dept. of Biomedical Engineering

Sri Ramakrishna Engineering College, Coimbatore-22

June 2009 – May 2012

Associate Professor, Dept. of Electronics & Instrumentation Engineering

Sri Ramakrishna Engineering College, Coimbatore-22

June 2007 – May 2009

Asst. Professor, Dept. of Electronics & Instrumentation Engineering

Sri Ramakrishna Engineering College, Coimbatore-22

June 2002 – May 2007

Senior Lecturer, Dept. of Electronics & Instrumentation Engineering

Sri Ramakrishna Engineering College, Coimbatore-22

June 1997 – May 2002

Lecturer, Dept. of Electrical & Electronics Engineering

INDUSTRY EXPERIENCE

Crown Electrical (Mds), TTK Road, Alwarpet, Chennai
Site Engineer

June 1996- May 1997

PATENT APPLIED

SNO	Application No.	Title of Invention & Field of Invention	Publication Date	Abstract
1	201641011790 & 700075887 Application Status: Application Awaiting Examination	NYI ON 12 PA2200 Fabricated Bone Immobilizer Using Rapid Prototyping & Bio-Medical Engineering	29/04/2016	Bone Fracture is the condition that causes injury to the bone that ranges from minor cracks to complete breakage. This causes damages to the nearby tissues which result in swelling and blood clots in the fracture site. In response to this bone injury, the natural physiological process of healing gets activated and causes growth of new bone tissues. In order to facilitate natural healing process the position of the bone should be stabilized which can be done with the help of Bone Immobilizer. This project comprehends the concept of using bone immobilizer made of nylon with enhanced features for healing of fractures involving Solidworks software designing, material casting, and rapid prototyping. The design consists of a model for whole hand which can be segmented according to the requirement of patient assisted by a physician, 3D model) of the immobilizer can be modified according to the patient's requirements and by loading the corresponding CAD file into the rapid prototyping machine the resultant immobilizer can be obtained. After post-processing, the 3D printed bone immobilizer can be used by the patient is made available with a minimum period of time.

ONLINE CERTIFICATION COURSES

SNO	Course name	Mark(%)	Organization	Date of exam
1	Outcome-Based Pedagogic Principles	76	IIT, KHARAGPUR (NPTEL)	2018-06-18
2	Embedded System Design With ARM	73	IIT, KHARAGPUR (NPTEL)	2019-04-11
3	An introduction to SpO2	100	PHILIPS	2019-04-26
4	Basics of Electricity	95	SITRAIN Digital Industry	2019-04-26
5	Biology for Engineers and other non-biologists		Registered for Examination on 29-09-2019	

AWARD DETAILS

SNO	Award Name	Awarded By	Date
1	RASHTRIYA GAURAV AWARD	India International Friendship Society	2017-08-24
2	BEST CITIZENS OF INDIA	The International Publishing House	2017-12-15
3	LEADING EDUCATIONIST OF INDIA	DK International Research Foundation	2018-05-27
4	PRIDE OF INDIA	International Publishing House	2018-09-18

JOURNAL AND PEER-REVIEWED CONFERENCE PUBLICATIONS

Web of Science ResearcherID:D-3023-2018:

<https://publons.com/researcher/1397707/gopu-govindasamy/>

Google Scholar Citation Link:

<https://scholar.google.co.in/citations?user=mRHGf1EAAAJ&hl=en>

Research Gate citation Link:

https://www.researchgate.net/profile/Gopu_Govindasamy2

International Journals

“Hydroxyapatite reinforced natural polymer scaffold for bone tissue regeneration”, Materials-today-proceedings, Science Direct, Elsevier, 2019. <https://doi.org/10.1016/j.matpr.2019.07.712>

“Step detection, Calorie calculation, Activity classification using a tri-axial Accelerometer for fitness based device”, IJSRD - International Journal for Scientific Research & Development, ISSN 2321-0613, Volume: 5, Issue: 2, pp. 499-501, 2017.

“A Novel Approach for System-On-Chip Test Scheduling using Genetic Algorithm”, Asian Journal of Research in Social Sciences and Humanities, Volume: 6, Issue: 7, pp.902-911, 2016, Volume: 6, Issue: 7, 2016, DOI: 10.5958/2249-7315.2016.00475.5

“Automated and Optimized Software Test Suite Generation Technique for Structural Testing”, International Journal of Software Engineering and Knowledge Engineering, Vol. 26, No. 01, pp. 1-13, 2016, <https://doi.org/10.1142/S0218194016500017>.

“Voice Recognition and Touch Screen Control Based Wheelchair for Paraplegic Persons”, International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 9 No.26 (2014) pp. 9199-9202

“Carbon Nano Tubes Actuating Implantable Medical Devices” International Journal of ChemTech Research, CODEN (USA): IJCRGG ISSN: 0974-4290, Vol.6, No.3, pp 2060-2062, May-June 2014.

“Automatic Belt Controlled Wheel Chair”, ARPN Journal of Engineering and Applied Sciences, Vol. 9, No. 12, December 2014, ISSN 1819-6608.

http://www.arpnjournals.com/jeas/research_papers/rp_2014/jeas_1214_1383.pdf

“Closed Loop Analysis of Single-Phase soft-switching PFC Converter”, Middle-East Journal of Scientific Research 23 (1): 66-70, 2015, ISSN 1990-9233, © IDOSI Publications, 2015, DOI: 10.5829/idosi.mejsr.2015.23.01.22033

“Carbon Nano Tubes Actuating Implantable Medical Devices”, International Journal of ChemTech Research CODEN (USA): IJCRGG, Vol.6, No.3, pp 2060-2062, May-June 2014, ISSN:0974-4290

“Antimicrobial Activity Of Chitosan Iron Oxide Nanoparticles”, International Journal of ChemTech Research CODEN (USA): IJCRGG, Vol.6, No.3, pp 2210-2212, ISSN:0974-4290.

“Closed Loop Analysis of bridgeless PFC CUK converter with drives application”, SYLWAN Journal, English Edition, Vol:2014, Issue:08, ISSN:0039-7660.

“Fuzzy Based Cuk Converter Fed DC drives”, Australian Journal of Basic and Applied Sciences, 8(10), pp:484-488, July 2014. ISSN:1991-8178.

“Automation using Robotic Arm in Rotor Packaging”, International Journal of Advanced Research in Electrical, Electronics, and Instrumentation Engineering (IJAREEIE)”, Vol.2, No.3, pp. 1095-1102, 2013, India. ISSN: 2320-3765.

“A Proposed Novel Approach of Voice Controlled Prosthetic Arm for Differently Abled “ International Journal of Imaging & Robotics Vol.9, No.1, pp. 37-47, India.

“Computational tracking and monitoring for efficiency enhancement of solar-based refrigeration”, International Journal of research in commerce, IT & MANAGEMENT (<http://www.ijrcm.org.in/it/index.php>). Vol. 2, Issue 6, pp. 84-89, June, 2012, India. ISSN: 2231-5756

“Acquisition and Analysis of Electrogastrogram for Human Stomach Disorders- A Statistical Approach”, International Journal of Bioinformatics and Medical Engineering (www.icgst.com-BIME). Vol. 8, Issue 1, pp. 31-37, December 2008, EGYPT. ISSN: ACSE/BIME Print 1687-4811, Online 1687-482X & CD-ROM 1687-4838 . <http://www.icgst.com/bime/Volume8/Issue1/P1160832302.html>

“A Novel Approach for Detection of Digestive System Disorders”, ARPN Journal of Engineering and Applied Sciences (www. arpnjournals.com), Vol.4, No.2, pp.1-7, April 2009, Pakistan, **ISSN 1819-6608**.
http://www.arnjournals.com/jeas/research_papers/rp_2009/jeas_0409_171.pdf

“An Enhanced technique for recording and Analysis of Electrogastrogram using Active Electrodes”, Sri Lanka Journal of Bio-Medical Informatics 2010; Vol.1(1):20-26. **ISSN: 2012-6077, DOI: 10.4038/sljbmi.v1i1.1482**. <http://sljol.info/index.php/SLJBMI/article/viewArticle/1482>

“Analysis of Electrogastrogram for the Investigation of Digestive System Disorders using wavelet transforms”, International Journal of Engineering and Technology, Vol.2, No.4, December 2009. **ISSN:0974-5246**. <http://eashwarpublications.com/doc/gopu.pdf>

“Investigation of digestive system disorders with electrogastrogram using the wavelet transform denoising” International Journal of Machine Intelligence, Vol. 2, No.1,2010, **ISSN: 0975-2927**.
http://www.bioinfo.in/uploadfiles/12751372632_1_3_IJMI.pdf

“Noninvasive Technique for Acquiring and Analysis of Electrogastrogram” International Journal of Computer Applications(IJCA Journal) Special Issue on CASCT (2):73–76, November 2010. Published By Foundation of Computer Science, DOI: 10.5120/1003-38.
<http://www.ijcaonline.org/casct/number2/SPE38T.pdf>

“Investigation of Digestive System Disorders with Cutaneous Electrogastrogram (EGG) Signal- An Engineering Approach” is published in European Journal of Scientific Research Volume 53 Issue 2, May 2011, **ISSN: 1450-216X / 1450-202X**.http://www.eurojournals.com/EJSR_53_2.htm

CONFERENCE PUBLICATIONS

INTERNATIONAL CONFERENCE PROCEEDINGS

“Hydroxyapatite Reinforced Natural Polymer Scaffold for Bone Tissue Regeneration”, International Conference on Advanced Materials for Clean Energy and Health Applications-AMCEHA-2019, University of Jaffna, Sri Lanka and Western Norway University of Applied Sciences, February 6-8,2019.

“Detection of Endocrine Disrupters Using Nanomaterial Modified Electrode”, International Conference on Innovative Technologies in Electronics Information and Communication, INTELINC 18, Department of Electronics and Communication Engineering, Faculty of Engineering and Technology, Annamalai University,12 October 2018.

“Analysis and Design of Advanced process Control Strategy for Industrial Pressure process”, IEEE 8th International Conference on Engineering and Advancement in Technology-2018, Organisation of Science & Innovative Engineering and Technology(Osiet) Chennai, India and Sri Krishna College of Technology, Coimbatore,23 March 2018.

“Cooling mattress and apnea detector with stimulator for HIE neonates”, in Proceedings of the 2015 International Conference on Industrial Engineering and Operations Management Dubai, United Arab Emirates (UAE), March 3 – 5, 2015.

“Gastric Stimulator-Innova”, in Proc. of International Conference on Circuits, Communication, Control and Computing (I4C2014) scheduled from 21-22 November 2014 at MSRIT, Bangalore, Karnataka, India.

“Voice Recognition and Touch Screen Control Based Wheelchair for Paraplegic Persons”, Proc. Of IEEE InternationalConference on Green computing,Green Electronics, and Green Energy,organized by N.G.P Institute of Technology, Coimbatore during 6th & 8th March 2014.

“Carbon Nanotubes as a cradle of impulse for implantable medical devices” was presented in ICBME 2013, scheduled from 4 to 7 December 2013 at the U-Town, National University of Singapore, Singapore.

“Automated Cooling and Warming of Neonates to Prevent Neonatal Encephalopathy” in Proc. DRDO & CSIR sponsored First International Conference on Instrumentation, Communication Control and Automation (ICICCA-2013), 3rd -5th January 2013, Kalasalingam University, Tamilnadu, India.

“Acquisition and Analysis of Electrogastrogram for Digestive System Disorders Using a Novel Approach”. 5th International Conference on Electrical & Computer Engineering (**ICECE 2008**), 20-22 December 2008, Dhaka. **BANGLADESH**[Appeared in IEEE Digital Library: http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=4769174]

“Analysis of EGG Signals for Digestive System Disorders using Neural Networks”. 13th International Conference on Biomedical Engineering (ICBME2008), 3 - 6 December 2008, The Suntec Singapore International Convention and Exhibition Centre, **SINGAPORE**. [Appeared in SpringerLink <http://www.springerlink.com/content/h1m264r041p41140/?p=7061b4fbdccf457abefe61eb42258e06&pi=0>]

“Investigation of Digestive System Disorders using Electrogastrogram”. Proceeding of IEEE International Conference on Computer and Communication Engineering (ICCCE '08), Vol.2, pp.201-205,

13-15 May 2008, Kuala Lumpur, MALAYSIA.. [Appeared in IEEE Digital Library:
http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=4580596]

“Acquisition and Analysis of Electrogastrogram for Human Stomach Disorders”. Proceeding International Conference on Recent Trends in Computational Science (ICRTCS’08), Vol.1,pp.162-169, 11-13 June 2008, Ernakulam, Kerala, **INDIA**

“Advanced Design For Robot In Mars Exploration”, International Conference on Industrial Engineering and Operations Management (IEOM-10), Bangladesh Society of Mechanical Engineers(BSME), Islamic University of Technology, Dhaka, **Bangladesh**, January 9-10, 2010.

“A New Design for Space Rover Robot”, International Conference on Aerospace Electronics, Communications and Instrumentation – ASECI-10, V.R.Siddhartha Engineering College, **Vijayawada**, January 6-7, 2010.

“Analysis of Electrogastrogram for the Investigation of Digestive System Disorders using Wavelet Transform”, International Conference on Aerospace Electronics, Communications and Instrumentation – ASECI-10, V.R.Siddhartha Engineering College, **Vijayawada**, January 6-7, 2010.

NATIONAL CONFERENCE PROCEEDINGS

“Automated therapeutic Hypothermia for Neonates to prevent” in Proc. 4th National Conference on Industrial Technology (NCIT,13), 13 -14 March 2013, BIT, Tamilnadu, India.

“Design and Implementation of Cool Cap for Neonates” in Proc. TEQIP sponsored 6th National Conference on Electrical and Instrumentation Systems (NCEIS,13), 13th April 2013, GCT, Tamilnadu, India.

“Computational tracking and monitoring for efficiency enhancement of solar-based refrigeration”, Proceedings of the National Conference on Emerging Trends in Computing technology (NCETCT-2012)” pp.25-30,16th – 17th February 2012,Department of CSE, Archana College of Engineering, Palamel,Alappuzha Dist.Kerala 690504.

“Development of expert system and classification of digestive system disorders with electrogastrogram”, Proceedings of the National Conference on Emerging Trends in Computing technology (NCETCT-2012)” pp.76-81,16th – 17th February 2012, Department of CSE, Archana College of Engineering, Palamel,Alappuzha Dist.Kerala 690504.

“Implementation Of Tracking and Monitoring For Efficiency Enhancement of Solar Based Refrigeration”, Proceedings of the National Conference on Industrial Technology (NCIT-2012), 9th – 10th March 2012, Department of EIE, Bannari Amman Institute Of Technology, Sathyamangalam- 638401.

“Segmentation of Endoscopy Image for the Investigation of Digestive System Disorders” Proceedings of the 3rd National Conference on Recent Trends in Instrumentation Applications (Retina '09)” pp.142-147, 19th – 20th March 2009, Department of EIE, National Engineering College, Kovilpatti- 628 503, Tamilnadu, INDIA

“BPN and RBF Based Neural Network Classifiers for Investigation of Digestive system disorders” Proceedings of the 3rd National Conference on Recent Trends in Instrumentation Applications (Retina '09)” pp.127-135, 19th – 20th March 2009, Department of EIE, National Engineering College, Kovilpatti -628 503, Tamilnadu, INDIA

“Automatic Cruise Control while Using Mobile Phone” Proceedings of the 3rd National Conference on Recent Trends in Instrumentation Applications (Retina '09)” pp.205-213, 19th – 20th March 2009, Department of EIE, National Engineering College, Kovilpatti- 628 503, Tamilnadu, INDIA

“Vehicle Safety System for Mobile Phone Usage Convenience ” Proceedings of the First Regional Conference on Process Control and Automation(PCA- '09)” pp.122-125, 25th – 26th March 2009, Department of ICE, Dr.Mahalingam College of Engineering and Technology, Pollachi- 642 003, Tamilnadu, INDIA

“Efficient segmentation of affected Region from Endoscope Images Using watershed Technique ” Proceedings of National Conference on Current Trends in Computer Science and Information Technology” pp.14, 27th – 28th March 2009, Department of CSE and IT, Paavai Engineering College, Namakkal-637 018, Tamilnadu, INDIA

“Vehicle Safety System for Mobile Phone Usage Convenience ” Proceedings of National Conference on Current Trends in Computer Science and Information Technology” pp.25, 27th – 28th March 2009, Department of CSE and IT, Paavai Engineering College, Namakkal

“A Simplified Novel Approach to Detect the Digestive System Disorders” Proceedings of National Conference on Software Engineering and Applications (Codeclave 8.1), 30th –31st Jan 2008, Department of Computer Science and Engineering, Government College of Engineering, Salem, Tamilnadu, INDIA

“Low-Cost Real-Time Blood Glucose Level Controller for the Intensive Care Diabetic Patient”, Proceedings of the National Conference on Electronics Control and Instrumentation ECI 2006, 2nd February 2006, St.Joseph's College of Engineering, Chennai., Tamilnadu, INDIA

“A new Design of 110/11kv substation for heavy Engineering Industries with Uniform load Distribution”

Proceedings of National Conference on Modern aspects of FACTS and its application, 29th –30th Aug 2003, Kumarakuru College Technology, Coimbatore, Tamilnadu, INDIA

“PC Based Design and Implementation of Centralised On-Line Monitoring of Efficient Incubator Care System” Proceedings of 46th –IETE Annual technical convention, 30th Sep-1st Oct 2003, IETE, New Delhi, INDIA

“Centralised ON-LINE Incubator Care System”, Proceedings of 6th Annual Convention of ISTE, 19th –20th Sep 2003, CSI Polytechnic College, Salem, Tamilnadu, INDIA

REVIEWER

- **JEET**-Journal of Electrical Engineering & Technology (**Thomson Reuters**)
- **ELSEVIER (Scopus)**
 - International Journal of Computational Vision and Robotics (IJCVR)
- **INDERSCIENCE**
 - International Journal of Advanced Intelligence Paradigms (IJAIP)
 - International Journal of Information and Communication Technology (IJICT)
- **INTELLIGENT DECISION TECHNOLOGIES- An International Journal**
- IEEE Conferences, etc.

BOOK/BOOK CHAPTERS

Sl.No	Title	ISBN	Name of Publisher & Year of publication
1.	Investigation of Telecardiology System to Detect Cardiac Abnormalities- Telemedicine Technologies BigData, DeepLearning,Robotics, Mobile and Remote Applications for Global Healthcare	978-0-12-816948-3	Academic Press is an imprint of Elsevier, UK, 2019
2.	Biosensors and Its Transducers	Yet to be Published	Springer Nature Singapore Pte Ltd,2019,
3.	Analysis of EGG Signals for Digestive System Disorders Using Neural Networks	978-3-540-92840-9 (Print)	SpringerLink, Date Saturday, April 28, 2007

- 978-3-540-92841-6
(Online)
4. Carbon Nanotubes as a Cradle of Impulse for Implantable Medical Devices ISSN: 1680-0737 SpringerLink,
(Print) Volume 43, 2014, pp 456-459
1433-9277 (Online)

DETAILS OF FUNDING OBTAINED

S.No.	Project/Conference/Workshop	Funding Agencies	Total Amount in Rs.
1.	MODROB	AICTE	Rs.11,00,000
2.	Conference	Council of Scientific and Industrial Research- CSIR	Rs. 40000

EVENTS ORGANIZED

Title	From	To	Organizer	Resource Person
Guest lecture on Biometrics	2016-07-21	2016-07-21	Dept. of BME, SREC	Mr Sundaramoorthy, Managing Director, Sunshiv Electronics solution, Coimbatore
Impression Management Tactics	2016-08-05	2016-08-05	Department of BME, SREC	Prof.H.R.Vivek, Professor, CMS Institute of Management Studies
General Health Checkup & Eye, Blood Screening Camp	2016-08-08	2016-08-08	Department of BME, SREC	Dr.Gowtham & Team, Sri Ramakrishna Hospitals, Coimbatore
Advanced Technologies in Spinal Cord Treatment	2016-08-19	2016-08-19	Department of BME, SREC	Dr.Siddharth Aiyer, Spine Specialist, Ganga Hospital, Coimbatore.
One day workshop on the topic "Ultrasound Imaging Methodology" & MOU	2016-08-24	2016-08-24	Department of BME, SREC	Mr.Niranjan Kumar KRM Director NUIPL Kerala
Workshop Medical Instrumentation	2016-09-22	2016-10-03	Department of BME, SREC	Er.Boopathy Schiller Health Pvt. Limited Product Engineer Pondicherry.
Continuing Education for Poly technique students	2017-02-09	2017-02-09	Department of BME, SREC	A team of faculty members from BME

Extension Activities	2017-02-16	2017-02-16	Department of BME, SREC	A Team of BME Faculties and students of SREC- Coimbatore
National Level Seminar on "Bio-Sensors and Wearable Medical Devices"	2017-03-11	2017-03-11	Department of BME, SREC	1.Dr.V.V.Raghavendra Sai, Assistant Professor, Department of Applied Mechanics, IIT Madras, Chennai, Tamilnadu. 2.Mr. S.Thirupathi, Textile Engineer and Scientist, Sitra Medical Textiles, Coimbatore,
Read & Read Contest	2017-02-15	2017-02-15	Department of BME, SREC	1.Mrs.L.Dhiviyalakshmi AP(Sr.G) / BME 2.Mrs.T.Sivaranjini AP(Sr.G)/BME 3.Mrs.G.Lavanya AP /BME
Idea Contest	2017-03-17	2017-03-17	Department of BME, SREC	Mr.P.Puspanathan Managing Director Bionics, Salem.
Project Expo	2017-04-15	2017-04-15	Department of BME, SREC	Dr.L.Padmapriya, Associate Professor, BME Department of Biomedical, PSG College of Technology, Coimbatore
Faculty Development Program on "BM6504 BIOMEDICAL INSTRUMENTATION"	2016-06-06	2016-06-12	Department of BME, SREC	Internal Faculties 1.Dr.G.Gopu M.Tech.,Ph.D., 2. Dr.B.Bala Subramanian B.E., M.E.,Ph.D., 3. Dr.S.U.Prabha B.E.,M.E.,Ph.D., 4. Dr. Daniel Thangadurai Ph.D., 5. Dr.L.Ragunath M.Sc., M.Phil.,Ph.D., 6.
Decoding the secrets of Body Language	2015-07-23	2015-07-23	Department of BME, SREC	Mr.H.R.Vivek Assistant Professor CMS Institute of Management Studies Coimbatore
Embedded Systems and Its applications in Medical Field	2015-09-12	2015-09-12	Department of BME, SREC	Mr.K.Muthukumaran National ITPS Manager Wipro GE India, Chennai
Extension Activities	2015-09-15	2015-09-15	Department of BME, SREC	A Team of BME Faculties and students of SREC- Coimbatore
Biobased production of fuels and chemical in biorefinery	2015-12-28	2015-12-28	Department of BME, SREC	Dr.Vijayendran Raghavendran Postdoctoral Researcher at University of Campinas Metabolic Engineering Laboratory, Brazil
Role of a Biomedical Engineer in Hospitals	2016-01-13	2016-01-13	Department of BME, SREC	Mr. S.BALAJI, Biomedical Engineer, KMCH, Coimbatore

Extension Activities	2016-01-21	2016-01-21	Department of BME, SREC	A Team of BME Faculties and students of SREC- Coimbatore
Introduction to Python-A Primer of Biomedical System	2016-01-25	2016-01-25	Department of BME, SREC	Er.S.Siddharth Nair Managing Director Fyrsta Innovations (India) Pvt Ltd Bangalore
Ekklesia 16	2016-03-11	2016-03-11	Department of BME, SREC	Mrs.Samyuktha Abbhilash Project Manager Auriss Technologies Pvt. Ltd. Coimbatore.
Biosignal and Image Processing	2016-03-19	2016-03-19	Department of BME, SREC	Dr.Kamalraj Subramaniam Head – Biosignal Processing Lab Associate Professor Karapagam University Coimbatore
PIC Microcontroller	2015-08-26	2015-08-26	Department of BME, SREC	Mr.R.Sundra Moorthy, Sunshive Electronic Solutions, Coimbatore
Placement Opportunities in Biomedical	2015-09-15	2015-09-15	Department of BME, SREC	Mr.R.Harish Kumar Service Engineer Macquet Medical India (P) Ltd Coimbatore
Project Exhibition	2016-04-22	2016-04-22	Department of BME, SREC	Mr. S. Balaji, Biomedical Engineer, KMCH Hospitals, Coimbatore
General Health Checkup & Eye, Blood Screening Camp	2015-08-05	2015-08-05	Department of BME, SREC	Dr.Gowtham & Team, Sri Ramakrishna Hospitals, Coimbatore
Opportunities in Biomedical Engineering	2014-07-13	2014-07-13	Department of BME, SREC	Mr.Siddarth Nair, Managing Director, Fystra Solutions, Chennai
Ekklesia 15	2015-05-13	2015-05-13	Department of BME, SREC	Mr.R.Nagarajan Technical Support Engineer Medi" Technologies Pvt. Limited Bangalore
Personality Development	2015-07-17	2015-07-17	Department of BME, SREC	Prof.H.R.Vivek Professor, CMS Institute of Management Studies
Biomechanics Research: An Overview	2014-07-18	2014-07-18	Department of BME, SREC	Mr. Vivek Manoharan, Research Scholar, Nanyang Technological University, Singapore
Reuse or Lose! Waste Management for Fortunate Living	2014-07-06	2014-07-06	Department of BME, SREC	Dr. Sharad P Kale, Senior Scientist, BARC

Imaging: Overview	2014-08-11	2014-08-11	Department of BME, SREC	Dr.J.Geethanjali, Radiologist, Sri Ramakrishna Hospitals, Coimbatore
Design and development of Hybrid systems	2014-08-18	2014-08-18	Department of BME, SREC	Mr.A.Nageshwaran FIESTRA Technologies- Chennai
Anemia Screening Camp	2015-01-23	2015-01-23	Department of BME, SREC	Dr. Gowtham & Team, Rural Health Centre, SRH, Coimbatore
Mental Health Awareness	2015-01-12	2015-01-12	Department of BME, SREC	Dr.S.Ananth M.B.B.S ,Ph.D,ND,ABPN Consultant Psychiatrist Sri Ramakrishna Hospital Coimbatore
Transforms for Medical Data Interpretation	2015-02-18	2015-02-18	Department of BME, SREC	Dr.Jayaraj Joseph, System Architect, HTIC, IIT Madras
PIC Microcontroller	2015-01-28	2015-01-28	Department of BME, SREC	E4U Solutions, Coimbatore
Project Exhibition	2015-04-15	2015-04-15	Department of BME, SREC	Mr.Carbon Moses, Proprietor, Ebenezer Medical Systems, Coimbatore
Guest Lecture "Bird's eye view of Biomedical Engineering"	2012-07-04	2012-07-04	Department of BME, SREC	Dr.G.Ravindran President of BMESI
Guest Lecture "Recent Advancements in CT Scanner"	2017-07-13	2017-07-13	Department of BME, SREC	Dr.Haroon Marikar, Application Specialist, SIEMENS,Cochin
Guest Lecture "Role of Biomedical Engineers"	2012-10-26	2012-10-26	Department of BME, SREC	Mr.Vijayan Rajkumar, HR, CURA Health Care, Chennai
Guest Lecture "Entrepreneurship and Product Development"	2013-01-18	2013-01-18	Department of BME, SREC	Mr.N.S.Nagendra Prasad, Vice President, HealthCare, Defiance Technologies Ltd
"MATLAB in Medical Image Processing and Biosignal Analysis"	2012-09-10	2012-09-12	Department of BME, SREC	Mr.S.Sakthivel Managing Director, ADVETECH, Coimbatore

MEMS	2012-12-26	2012-12-30	Department of BME, SREC	Mr.S.Sakthivel, Managing Director, ADVETECH, Coimbatore Prof.Govardhan Prof.Muthuraja, Assistant Professor, School of Electronics and Communication Engineering, VIT University, Vellore
Symposium	2013-04-09	2013-05-09	Department of BME, SREC	Mr.P.Sathish Kumar,Head Technical Service,Real Image Pvt.Ltd., Chennai
one day Guest lecturer in the topic "Skin & First Aid Awareness"	2017-06-30	2017-06-30	Department of BME, SREC	Dr.Kannan Balaraman, & Mrs.Nalini Balaji, Consultant, Ganga Hospital Coimbatore
one day Guest lecturer in the topic "MECHANICS OF SPORTS INJURY"	2017-07-13	2017-07-13	Department of BME, SREC	Dr.B.R.J.Sathish Kumar Chief Orthopaedic Surgeon and Joint Replacement Specialist B.R.J Hospital, Coimbatore
One day workshop on the topic "Acquiring A to Z of Soft skills"	2017-07-14	2017-07-14	Department of BME, SREC	Prof.H.R.Vivek, Assistant Professor, CMS Institute of Management Studies, Coimbatore
One day workshop on the topic "Introduction to LabVIEW"	2017-09-06	2017-09-06	Department of BME, SREC	Mrs.R.Rajeshwari AP (Sr.G), Mr.R.Suryarajan AP (OG) & Ms.V.Srividhyasakthi AP(OG) BME department SREC-CBE
Extension Activities	2017-08-31	2017-08-31	Department of BME, SREC	A Team of BME Faculties and students of SREC- Coimbatore
one day Guest lecturer in the topic "Advance Trends in Biomedical Instrumentation"	2017-12-15	2017-12-15	Department of BME, SREC	Mr.N.Nandakumar, Proprietor / Bio-Medical Engineer, M/S.PRIME BIOMEDICAL SYSTEMS, Tiruppur
Extention Activity	2018-03-13	2018-03-13	Dept. of BME, SREC	Dr. S Gowtham,
National Seminar on Green Technology and Waste Management for Health Care	2018-02-15	2018-02-15	Dept. of BME, SREC	Dr. Sunilkumar, CSIR-NEERI, Dr Ramesh Babu, CSIR-CECRI,Dr Arun Prasath, Pondicherry University
EKKLESIA 2K18	2018-01-04	2018-01-04	DEPARTMENT OF BIOMEDICAL ENGINEERING	Ms. S Banupriya, Senior Product Application Specialist, Maxlife Healthcare Enterprises, Bangalore

Scope of Biomedical Engineer in Sales and Service Sectors	2018-07-11	2018-07-11	Bioelixerz Association, Department of Biomedical Engineering, SREC	Er. P Prabhakaran, Managing Director, CAREX Services, Coimbatore
Design and Fabrication of PCB using ORCAD	2018-07-12	2018-07-12	Bioelixerz Association, Department of Biomedical Engineering and IEEE student Branch, SREC	Caliber Embedded Systems Technologies, Coimbatore
Introduction to 3D Printing	2018-07-28	2018-07-28	BMESI Student Chapter, Dept. of BME, SREC, Coimbatore	Er. G Guru Parasand, Managing Director, MEDSBY Healthcare and Engineering Solutions, Coimbatore
3D Printing for Medical and Robotic Applications	2018-08-11	2018-08-11	BMESI Student Chapter, Dept. of BME, SREC, Coimbatore	Er. G Guru Parasand, Managing Director, MEDSBY Healthcare and Engineering Solutions, Coimbatore
"Personal Branding- How to stand out and differentiate yourself"	2018-09-27	2018-09-27	Bioelixerz-Department of BME, Sri Ramakrishna Engineering College Coimbatore	Prof.H.R.Vivek, Dean-Academics, CMS COLLEGE OF SCIENCE AND COMMERCE, Coimbatore
Inauguration of IEEE-Engineering in MEdicine and biology Society	2018-09-27	2018-09-27	IEEE-EMBS, Department of BME, Sri Ramakrishna Engineering College, Coimbatore	Dr. B Banu Rekha, Associate Professor/Dept. of Biomedical. PSG College of Technology/IEEE-EMBS SECRETARY-R Madras Chapter
Introduction to LabVIEW	2019-01-10	2019-01-10	Bioelixerz Association, Department of Biomedical Engineering and IEEE student Branch, SREC	Mr. R Suriyarajan, Ms S Srividhyasakthi
Computational Approaches in Personalised Medicine	2019-02-22	2019-02-22	Dept. of BME, SREC, Coimbatore	Mr Subramoniam Aiyappan, Dr S Jagannathan, Dr. P.K Praveen Kumar

- **Convenor** for National Seminar on “Transforms and Medical Data Interpretation” on 18 February 2015 by Department of BME, Sri Ramakrishna Engineering College, Coimbatore
- **Convenor** for National Conference on "RURAL HEALTH CHALLENGES: POINT OF CARE BY TELEMEDICINE" held at Sri Ramakrishna Engg College, Coimbatore during 14th & 15th March'2014
- **Convenor** for National Seminar on “Medical Instrumentation – Applications and Design” on 31st August 2013 by Department of BME, Sri Ramakrishna Engineering College, Coimbatore

- **Organizing Secretary** for National Conference on “Emerging Trends in Instrumentation Systems (NCTIS-12)”, by Department of EIE, Sri Ramakrishna Engineering College, 9th and 10th March 2012, Coimbatore
- **Organizing Secretary** for National Conference on “Adaptive Sensors and Intelligent Systems”, by Department of EIE, BME and ECE of Sri Ramakrishna Engineering College, 21st and 22nd November 2008, Coimbatore.
- **Organizing Secretary** for National Conference on “Emerging Trends in Instrumentation Systems”, by Department of EIE, Sri Ramakrishna Engineering College, 5th and 6th January 2006, Coimbatore
- **Organizing Member** for National Conference on “Software Agents and Embedded Systems”, by Sri Ramakrishna Engineering College, 11th and 12th July 2003, Coimbatore
- **Convenor** for Two days workshop on the topic “PIC Microcontroller” for III year students by Electronics for You, Coimbatore on 27.01.2015 & 28.01.2015 Conducted by Department of BME of Sri Ramakrishna Engineering College.
- **Organizing Member** for a one day workshop on “LabVIEW and its applications: Engineering and Graphical System design” Conducted by Department of EIE and BME of Sri Ramakrishna Engineering College, 25th February 2009, Coimbatore.
- **Organizing Member** for a one day workshop on “MATLAB and its Application” Conducted by Department of EIE and BME of Sri Ramakrishna Engineering College, 2nd September 2008 Coimbatore.
- **Organizing Member** for a Two days workshop on “MATLAB and its Application” Conducted by Department of EIE of Sri Ramakrishna Engineering College, 2nd -3rd February 2007, Coimbatore.
- **Organizing Member** for a one day workshop on PLC, DCS and their application by Department of EIE of Sri Ramakrishna Engineering College, Coimbatore.

RESOURCE PERSON DETAILS

Title	Acted As	From_Date	To_date	organizer
FDP on EC1006 Medical Electronics	Guest Lecture	2007-12-03	2007-12-03	Anna University & Dept.of ECE,SREC
Career Day	Keynote Speaker	2015-07-10	2015-07-10	Dept. of BME Dr.NGPIT, Coimbatore

Board of Studies Meeting	University Member of Board of Studies in Biomedical Instrumentation Engineering	2016-03-10	2018-03-24	Avinashilingam University, Coimbatore
Board of Studies Meeting	University Member of Board of Studies in B.Voc. Medical Equipment Technology	2016-04-02	2016-04-02	Avinashilingam University, Coimbatore
Faculty development Training Programme on BM6504 Biomedical Instrumentation	Keynote speaker	2016-06-12	2016-06-12	Anna University, Chennai & Dept. of BME, SREC
Board of Studies Meeting	Member	2016-09-24	2016-09-24	Vellalar College of Engineering and
Association Meeting Awareness on Biomedical Engineering	Chief Guest Guest Lecture	2017-02-09 2017-02-17	2017-02-09 2017-02-17	Dept of ICE, SRPTC Dept of ICE, SRPTC
Board of Studies Meeting	University Member of Board of Studies in Biomedical	2017-03-25	2017-03-25	Avinashilingam University
Board of Studies Meeting	Member	2017-04-29	2017-04-29	Vellalar College of Engineering and
Question Paper Scrutiny Board	Member	2017-10-10	2017-10-10	Avinashilingam University
Research Issues in Image and Signal Processing	Co Chairperson	2017-11-24	2017-11-24	ECE-SREC
BME Department Advisory Board	Member	2018-01-20	2018-01-20	Dr.NGP Institute of Technology
Doctoral Committee meeting	External Expert	2018-01-27	2018-01-27	Karunya Institute of Technology and

Student malpractice enquiry committee	Convenor	2018-02-06	2018-02-06 Sri Ramakrishna Engineering
External Audit	External Subject Expert	2018-03-07	2018-03-07 Avinashilingam Institute for Home Science and
Board of Studies Meeting	Member	2018-03-24	2018-03-24 Avinashilingam Institute for Home Science and
Department of Advisory Board,	Member of Advisory Board	2018-06-30	2018-06-30 Dept. of BME, Dr. NGP Institute of Technology,
ICMR sponsored workshop on "Recent Advancements in Biomedical Equipment and its Applications"	Keynote Speaker	2018-07-20	2018-07-20 Department of EEE, SVS College of Engineering, Coimbatore-109, Tamilnadu, India
Doctoral Committee meeting	External Expert	2018-09-11	2018-09-11 Department of Electrical
University Question Paper Scrutiny Board	Member	2018-10-08	2018-10-08 Avinashilingam Institute for Home Science and
Department Advisory Board (DAB)	MEMBER	2019-01-05	2019-01-05 Department of Biomedical Engineering. Dr N.G.P
Doctoral Committee meeting	Member	2019-01-11	2019-01-11 Dept. of ECE, Sri Krishna College of Engineering and Technology, Coimbatore
IEEE student conference on Research and Development	Reviewer	2019-07-29	2019-07-29 Universiti Teknologi PETRONAS, Seri Iskandar, Perak, Malaysia
Scrutiny of Answer Scripts	Auditor	2019-08-27	2019-08-27 Karunya Institute of Technology and Sciences, Coimbatore

DIFFERENT ROLES @SREC

- Senior Deputy Warden for Men's Hostel, Sri Ramakrishna Engineering College, Coimbatore.
- **Chief Superintendent** of Examination for University Examination in the Year 2013 and 2014.
- **Overall Incharge** for 15th Graduation Day of Sri Ramakrishna Engineering College.
- **Staff Coordinator** for Academic Details preparation towards Governing Council meeting.
- As a **Board of Studies (BOS) overall coordinator** conducted board of studies meeting and as an **Academic Council meeting Member Secretary** planning for conducting Academic council meeting for our Institution and **BOS Member** for EIE department and **BoS Chairman** for Department Biomedical Engineering.
- As department **NBA Coordinator** prepared an application for submission and making our department faculty to ready for the NBA committee visit.
- Hold the role of **Coordinator, member in various committee** for conducting college function like College day, Symposium, Graduation day, Alumni Meet, etc.
- As a **faculty member** of department, myself and other faculty of our department, we have developed our department laboratories,
- As a **Department placement coordinator** prepared our student to have inter/intra practice and training for the placement activity to achieve very good placement for the past five years.
- As a **department Association in charge**, I have organized many programme with the industry personalities to have interaction with the students about their role in the industries as a part of association activities.
- As **Project Coordinator** and **Project guide**, motivate our students to do the project in the real-time application basis i.e. I and my students jointly designed a recording setup for recording the motility signal of a stomach, the same setup was tested with patients at a very good hospital at our location. As a result we found that there is a deviation in the electrical signal from normal individual to the abnormal individual up to the satisfaction of a physician of the hospitals.
- I have acted as an **Organizing Secretary, Organizing member** in conducting National Conferences and **Staff coordinator** for conducting student symposium s (Sangraha, synchro, etc.).
- **Faculty in charge cum Coordinator** for preparing AICTE compliance and mandatory report for our college.
- **Delivered lecture** in the ANNA university faculty development program.
- **Faculty in charge cum member** for preparing reports of, AICTE, UGC of Sri Ramakrishna Engineering College.

- I am the **Member** in preparing reports for NBA of Sri Ramakrishna Engineering College.
- Worked as a **Staff In charge** for conducting various association activity of the Department.
- Worked as a **Deputy Warden and Residential Tutor -Men's Hostel**, Sri Ramakrishna Engineering College, Coimbatore from **Jun.1997 to Jan 2000**.
- Worked as an **NSS Programme Officer** under Bharathiar University, Coimbatore from **Dec.1997 to Feb2001**.
- Worked as a **VBDA Programme officer**- Volunteers Blood Donors Association- Bharathiar University Coimbatore from **Dec.1997 to Feb2001**.
- Served as an EIE/EEE Department association activities **in-charge**.
- **Designed and Implemented** the Sketch for the **Industrial Instrumentation Lab and Process control Lab** for the Department of EIE, Sri Ramakrishna Engineering, Coimbatore Servicing, Procurement & Maintenance.
- Served as an **In-charge for Electrical Machines Lab** for Servicing, Procurement & Maintenance since from Jun.1999.
- Served as a **Kabaddi Coach**, Sri Ramakrishna Engineering College, Coimbatore archived runners up in the TIES

TRAINING UNDERTAKEN

Type	Title	From_Date	To_date	organizer
WORKSHOP	LabVIEW and its applications: Engineering and	2009-02-25	2009-02-25	National Instruments India.SREC
WORKSHOP	PLC and its Applications	2009-09-30	2009-09-30	Dept. of EIE,SREC
WORKSHOP	Design and Development of hybrid systems	2014-08-18	2014-08-18	Fyrsta and SREC
SEMINAR	National Seminar on Transforms and Medical data Interpretation	2015-02-18	2015-02-18	Dept. of BME, SREC
WORKSHOP	National workshop on Image Processing for Biomedical	2015-06-12	2015-06-13	Amrita University
SEMINAR	National seminar on Embedded	2015-09-12	2015-09-12	Dept. of BME, SREC
SEMINAR	NIDays2015	2015-11-19	2015-11-19	National Instruments India
SEMINAR	National Seminar on Biosignal and image Processing	2016-03-19	2016-03-19	Dept. of BME SREC

FDP	FDP on BM6504 Biomedical Instrumentation	2016-06-06	2016-06-06	Centre for Faculty development, Anna university, Chennai &
SEMINAR	Engineering Education and research	2016-07-17	2016-07-17	National Instruments India
WORKSHOP	Hands-on training on Biomedical Instruments	2016-09-23	2016-09-23	Dept. of BME, SREC
SEMINAR	National Seminar on Biosensors and wearable medical devices	2017-01-19	2017-01-19	Dept. of BME, SREC
SEMINAR	Economic growth and national integration organized by India	2017-08-24	2017-08-24	International Friendship Society, New Delhi
SEMINAR	Smart Wireless Sensor Networks for	2017-09-14	2017-09-15	Dept. of ECE, SRIT and ICMR
SEMINAR	Technical seminar on Embedded	2017-10-28	2017-10-28	LDRA ACADEMIC ALLIANCE PROGRAM
SEMINAR	National Higher Education Conclave	2017-12-01	2017-12-01	CII
SHORT TERM COURSE	Medical Image Computing: Machine-learning methods and Advanced_MRI applications	2018-07-23	2018-07-27	IIT Bombay (CE&QIP)
FDP	Embedded System Design	2019-01-01	2019-03-31	AICTE/NPTEL
SEMINAR	Embedded Safety and Security summit 2019	2019-07-23	2019-07-23	LDRA India
SEMINAR	Keysight Academia Symposium	2019-08-20	2019-08-20	KEYSIGHT Technologies and Elmack Engg Services

- Short term-ISTE faculty development program on “**New trends in Biomedical Instrumentation**”, 9th -22nd Nov 2003, PSG College of Tech, Coimbatore.
- Workshop on “**Energy Efficient Electrical System**” 2 -Day Workshop, 26th –27th July 2003, KCT, Coimbatore
- Workshop on “**Virtual Instrumentation**”, PSG College of Technology, 28th February 2004, Coimbatore.
- Faculty Development Program on “**Total Quality Management**” Sri Ramakrishna Engineering College, Coimbatore from 25th to 30th October 2004.

- National Workshop on” **Intelligent Technologies in Biomedical Instrumentation**” organized by Department of EEE, Kumaraguru College of Technology, Coimbatore-641 006,India,17th -18th February 2006.
- One day Workshop on “**Fabrication of Flexible Microwave- Frequency Circuits and Antennas and Their Applications**” organized by South Dakota School of Mines and Technology,(SDSMT), USA and Department of ECE, Sri Ramakrishna Engineering College, Coimbatore,INDIA, 2nd September 2006.
- One day seminar on “**Accreditation awareness program**” Bannari Amman Institute of Technology, Satyamangalam-638401, 21st January 2007.
- Three-day workshop on “**Advancements in Image/Video Processing and Soft Computing with Hardware Implementation**” Department of EEE, New Horizon College of Engineering,Bangalore,6th to 8th November 2008.
- One day workshop on “**LabVIEW and its applications: Engineering and Graphical System design**” Conducted by Department of EIE and BME of Sri Ramakrishna Engineering College, 25th February 2009, Coimbatore.
- A Three Day intensive training program on “ **Algorithm Engineering in Instrumentation and Control**” organized by NI systems(India) Pvt.Ltd., Bangalore and PSG-NI Virtual Instrumentation Centre,Coimbatore,17th to 19th March 2009.

LABORATORIES/ NEW CENTRES ESTABLISHED

- In Biomedical Engineering department, all laboratory established as per Regulation 2012 and CBCS regulation R2016
- Electrical Measurement Lab, Dept. of EEE, Sri Ramakrishna Engineering College
- Electrical Machines Lab , Dept. of EEE, Sri Ramakrishna Engineering College
- Process Control and Instrumentation Lab, Dept. of EIE, Sri Ramakrishna Engineering College
- Industrial Instrumentation Lab, Dept. of EIE, Sri Ramakrishna Engineering College
- Bio Medical Instrumentation Lab, Sri Ramakrishna Engineering College, Coimbatore
- Virtual Bioinstrumentation Lab, Dept. BME, Sri Ramakrishna Engineering College, Coimbatore

ACADEMIC PROJECTS

M. Tech	--	Centralized Incubator Care System
B. E.	---	PC Based Data Acquisition System and Control for Chemical Plant

PROJECTS SUPERVISED

- Acquisition of Bio-Signal from stomach and analysis using Neural Approach
- Non-Invasive Gastro-Intestinal Signal Acquisition and Analysis using Fuzzy Logic
- Diagnosis of Stomach disorders and analysis using VI
- Acquisition and Analysis of Bio-Signals of an ICU Patient
- Acquisition and Analysis of Electrogastrogram for Stomach Disorders
- Microcontroller Based Dish Positioning Using Remote
- Microcontroller Based Sun Tracking System
- Remote Monitoring System
- Design and implementation of First IN First OUT RAM Using Verilog HDL,etc., etc

PERSONAL DETAILS

First Name	Gopu
Last Name	Govindasamy
Date of Birth	15-February-1975
Marital Status	Married
Passport #	G7954508
Passport Expiry Date	
Address for Communication	1/75, Aishvaryam, Easwara Nagar East K.Vadamadurai Post, Coimbatore-641017 Tamilnadu, INDIA. +91-9894422311

REFERENCES

Dr N.R. Alamelu,
Principal
Sri Ramakrishna Engineering
College
NGGO Colony Post
Coimbatore-641022
Phone: +91-9750952299

Dr. M. Rangasamy
Former Professor & Head
Department of Electronics &
Instrumentation Engineering
Sri Ramakrishna Engineering
College
Coimbatore – 641 022
Email: gegeal@gmail.com
Phone: +91-9486439679

Dr. A.Ebenezer Jeyakumar
Former Director (Academics)
Sri Ramakrishna Engineering
College
NGGO Colony Post
Coimbatore-641022
Phone: +91-9487282966

Dr. R. Neelaveni
Professor
Department of Electrical and
Electronics Engineering
PSG College of Technology
Coimbatore – 641 004
Email: rnv@eee.psgtech.ac.in
Phone: +91– 9894365195

Dr. K.Porkumaran
Principal
Dr. N.G.P. Institute of
Technology
Coimbatore – 641 048
Email: porkumaran@gmail.com
Phone: +91– 9894101804

Dr.S U Prabha
Professor & Head
Department of Electrical &
Electronics Engineering
Sri Ramakrishna Engineering
College
Coimbatore – 641 022
Email: hod-eee@srec.ac.in
Phone: +91– 8754955886



G Gopu