



ERODE SENGUNTHAR ENGINEERING COLLEGE

(AUTONOMOUS) Perundurai, Erode - 638 057



NEWS LETTER >>>>

JANUARY 2024 - JUNE 2024

The Benefits of Biomedical Progress
are Obvious, Clear and Powerful



VISION

To provide technical education and create a leading platform in the field of Biomedical Engineering, driven by student excellence, innovative programs, research and industry-based training to ensure quality healthcare and education for the prosperity of the nation.



MISSION

- DM1:** To catalyze interactions between biologists, physical scientists and engineers to benefit medicine and human health.
- DM2:** To impart students with skills for research, design and development of biomedical devices and allied integrated systems for betterment of human society.
- DM3:** To achieve academic distinction in applying engineering principles, science and medicine methods to confront health science challenges and research.
- DM4:** To enable students to be sensitive to the ethical issues pertinent to the biomedical engineering profession.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- I. Preparation :** To apply and acquire quantitative, qualitative, analytic and critical thinking skills to solve engineering problems for successful career.
- II. Core Competence and Professionalism :** To instill contemporary knowledge, professional excellence and competencies in biomedical engineering and its diverse specializations along with related fields.
- III. Breadth :** To provide multidisciplinary knowledge with management principles to identify and create professional opportunities in the field of biomedical research and innovation.
- IV. Learning Environment :** To prepare graduates to work effectively as individuals and as team members in multidisciplinary projects through lifelong learning by upholding ethical standards to meet professional and societal needs.

PROGRAM SPECIFIC OUTCOMES (PSOs):

- I. Healthcare Integration :** Apply interdisciplinary skills to integrate advanced technologies in medical imaging, signal processing and biosensors for effective diagnosis, monitoring and treatment.
- II. Biomedical Innovation :** Design and develop biomedical devices that resolves the current societal healthcare problems by applying the concepts of Life sciences, Engineering and Technology.
- III. Innovations through ICT :** To adapt to emerging information and communication technologies (ICT) to innovate ideas and solutions for current societal and scientific issues thereby developing indigenous medical instruments that are on par with the existing technology.

BIOMEDICAL ENGINEERING

BIO MEDICAL ENGINEERING NEWSLETTER



INSTITUTE VISION

Vision of Erode Sengunthar Engineering College is to become a World Class Technical Institution and Scientific Research Centre for the Benefit of the Society.

INSTITUTE MISSION

Erode Sengunthar Engineering College will strive continuously to

- Create Positive difference to Society through Innovative Teaching – Learning Process.
- Impart Value Based Technical Education to the Students from across various Socio Economic backgrounds.
- Build State of art infrastructure for high quality Research and Development capabilities on par with the finest in the Globe and widen student's horizons beyond Class Room.
- Bring out Competent, Ethically Strong and Quality Professionals.

QUALITY POLICY

Erode Sengunthar Engineering College is committed to impart World Class Technical Know-How to the Students from diverse Socio Economic backgrounds and to transform their lives by nurturing Multi-Skills and facilitating them to develop holistically



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CORRESPONDENT MESSAGE

“Learning gives creativity, creativity leads to thinking, thinking provides knowledge, knowledge makes you great.” – Dr. A.P.J. Abdul Kalam

Erode Sengunthar Engineering College is a modern institution that offers quality education and encourages students and staff to showcase their talents.

I'm happy that the BME department is releasing News Letter 2k24. A News Letter highlights hidden talents and achievements within the department. At ESEC, students gain confidence and knowledge to succeed. Fly in the plane of ambition, land at the airport of success. Good luck!

PRINCIPAL MESSAGE

I am happy to learn that the Department of BME is bringing out its News Letter 2024. Glad to share a few words for this initiative that nurtures technical writing skills. Our students and faculty have excelled in academics and research. The college encourages innovation and active research participation. Faculty plays a key role in the department's growth. I congratulate the team and wish them continued success.



HOD MESSAGE

I am happy to welcome you to this edition of our News Letter, that shows the creativity, hard work, and achievements of our Biomedical Engineering students and faculty.

This magazine shares new ideas, technical skills, and teamwork that reflect the spirit of learning and innovation. As the field of Biomedical Engineering grows, News Letter gives us a glimpse of the exciting progress being made.

I encourage you to read, enjoy, and get inspired by the efforts shared in these pages.



BIOMEDICAL ENGINEERING



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PLACEMENT

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EDITORS DESK

CHIEF EDITOR

It is a pleasure to see our department's talents reflected through this magazine. It highlights the achievements, creativity, and teamwork of our students and staff. I appreciate the Editorial Team for their efforts and wish everyone continued success.



Dr. G. S. SATHEESH KUMAR,
Head & Associate Professor
Department of Biomedical Engineering

EDITOR MESSAGE

I am happy to share the latest edition of the Biomedical Engineering Department Magazine. This magazine shows the hard work, creativity, and ideas of our students and faculty. It highlights the talent and teamwork that make our department special.

I thank our management, Head of the Department, faculty, and students for their support in bringing this magazine to life. We hope this edition encourages everyone to keep learning, exploring, and growing in the field of Biomedical Engineering.



Ms. B. Pradeepa
AP / BME

STUDENT EDITOR'S

We are happy to present this edition of the Biomedical Department Magazine, which highlights the talents and efforts of our students and faculty. Each page reflects the spirit and teamwork of our department. Thanks to Our management, Principal, HoD, faculty and students for their support. We hope this magazine inspires and encourages continued excellence and innovation.



HARIHARASUDHAN.S
IV - BME



KANIKA.T
IV - BME



MURUGAN.R
IV - BME



NIVETHA.A
IV - BME

FACULTY PARTICIPATION



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FACULTY PARTICIPATION

FACULTY PUBLICATION

S. No	Name Of The Faculty	Title of the Journal	Name of the Journal	Link
1.	K.Balasubramanian	Detecting Helicobacter pylori through a pH sensor digitally useful for early peptic ulcer diagnosis	International Journal of New Innovations in Engineering and Technology, International Journal of New Innovations in Engineering and Technology Volume 24 Issue 1 March 2024, ISSN: 2319-6319I	http://www.ijniet.org/wp-content/uploads/2024/04/105.pdf
2.	M.Dhivya	Intelligent Infant Guarding System for Enhanced Neonatal Jaundice Treatment and Monitoring System	International Journal of New Innovations in Engineering and Technology, International Journal of New Innovations in Engineering and Technology Volume 24 Issue 1 March 2024, ISSN: 2319-6319I	http://www.ijniet.org/wp-content/uploads/2024/04/109.pdf
3.	K.K.Leka	A Neoteric Wearable Real Time Automated Seizure Detection Based On Heart rate Variability Through Micromechanics and Cellular Telephony	International Journal of New Innovations in Engineering and Technology, International Journal of New Innovations in Engineering and Technology Volume 24 Issue 1 March 2024, ISSN: 2319-6319I	http://www.ijniet.org/wp-content/uploads/2024/04/107.pdf
4.	M.Mohanavalli	Enhancing Mobility with Advanced Prosthetic Ankle For Lower Limb Amputees during Bike Riding and Everyday activities	i-manager's Journal on Instrumentation & Control Engineering I, Vol. 12 No. 2 December 2024	https://doi.org/10.26634/jic.12.2.21434

S. No	Name Of The Faculty	Title of the Journal	Name of the Journal	Link
5.	T.Yamuna	Enhancing Mobility with Advanced Prosthetic Ankle For Lower Limb Amputees during Bike Riding and Everyday activities	International Journal of New Innovations in Engineering and Technology, International Journal of New Innovations in Engineering and Technology Volume 24 Issue 1 March 2024, ISSN: 2319-6319I	http://www.ijniet.org/wp-content/uploads/2024/04/122.pdf
6.	B.Pradeepa	Medicine Commemorative for Visually Impaired Persons accompanied by Vibration Sensors indicating Vital Parameters	International Journal of New Innovations in Engineering and Technology, International Journal of New Innovations in Engineering and Technology Volume 24 Issue 1 March 2024, ISSN: 2319-6319I	http://www.ijniet.org/wp-content/uploads/2024/04/113.pdf



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FACULTY PARTICIPATION

NATIONAL / INTERNATIONAL - CONFERENCE

S. No	Name Of The Faculty	Title of the Paper	Name of the Conference	Name of the Institute / Date
1.	K.Balasubramanian	Robin 170 – An effective learning model to detect and analyse the autism spectrum disorders	3 Days IEEE Sponsored 2024 International Conference on “Cognitive Robotics and Intelligent Systems (ICC – ROBINS)	KPR Institute of Engineering and Technology, Coimbatore (17.04.24 – 19.04.24)
2.	T.Yamuna	Wearable biomedical devices for Rehabilitation	3 rd International Conference on Smart Data Intelligence (ICSMDI 2023)	Kongunadu College of Engineering and Technology, Trichy
3.	M.Dhivya	Robin 170 – An effective learning model to detect and analyse the autism spectrum disorders	3 Days IEEE Sponsored 2024 International Conference on “Cognitive Robotics and Intelligent Systems (ICC – ROBINS)	KPR Institute of Engineering and Technology, Coimbatore (17.04.24 – 19.04.24)
4.	K.K.Leka	Robin 170 – An effective learning model to detect and analyse the autism spectrum disorders	3 Days IEEE Sponsored 2024 International Conference on “Cognitive Robotics and Intelligent Systems (ICC – ROBINS)	KPR Institute of Engineering and Technology, Coimbatore (17.04.24 – 19.04.24)

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FACULTY PARTICIPATION

WORKSHOP / SEMINAR / WEBINAR

S. No	Name Of The Faculty	Name of the Workshop / Seminar / Webinar	Institute	Duration (Date)
1.	N.Ageela	Workshop on obstacle avoidance robot	Dihorobotics, Chennai	2 Days (11.01.24 & 12.01.24)
2.	M.Mohanavalli	Workshop on obstacle avoidance robot	Dihorobotics, Chennai	2 Days (11.01.24 & 12.01.24)
3.	J.Jaganya	Workshop on obstacle avoidance robot	Dihorobotics, Chennai	2 Days (11.01.24 & 12.01.24)
4.	B.Pradeepa	Workshop on obstacle avoidance robot	Dihorobotics, Chennai	2 Days (11.01.24 & 12.01.24)



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FACULTY PARTICIPATION

FDP / STTP PROGRAM

S. No	Name Of The Faculty	Name of the FDP / STTP	Institute	Duration (Date)
1.	Dr.A.Sathish Kumar	5 Days Faculty Development Program on “ Advanced Research in Biomedical Engineering”	Saveetha Engineering College, Chennai	5 Days (29.01.24 – 02.02.24)
2.	Dr.G.S.Satheesh Kumar	FDP on Exploring the nexus of industry 4.0 and healthcare – context, applications, advantages and challenges	Rajalakshmi Engineering College, Chennai	1 Week (18.01.24 – 24.01.24)
3.	Dr.G.S.Satheesh Kumar	DST Sponsored FDP on Technology based Entrepreneurship Development Program TEDP biomedical equipment	Hindusthan College of Engineering and Technology, Coimbatore	4 Weeks (29.01.24 – 20.02.24)
4.	K.K.Leka	FDP on Medical Device Regulatory Affairs	B.V.Raju Institute of Technology, Hyderabad	5 Days (12.02.24 – 16.02.24)
5.	N.Ageela	5 Days Faculty Development Program on “ Advanced Research in Biomedical Engineering”	Saveetha Engineering College, Chennai	5 Days (29.01.24 – 02.02.24)
6.	N.Ageela	FDP on Medical Device Regulatory Affairs	B.V.Raju Institute of Technology, Hyderabad	5 Days (12.02.24 – 16.02.24)
7.	M.Mohanavalli	DST Sponsored FDP on Technology based Entrepreneurship Development Program TEDP biomedical equipment	Hindusthan College of Engineering and Technology, Coimbatore	4 Weeks (29.01.24 – 20.02.24)

S. No	Name Of The Faculty	Name of the FDP / STTP	Institute	Duration (Date)
8.	J.Jaganya	FDP on Medical Device Regulatory Affairs	B.V.Raju Institute of Technology, Hyderabad	5 Days (12.02.24 – 16.02.24)
9.	J.Jaganya	5 Days Faculty Development Program on “ Advanced Research in Biomedical Engineering”	Saveetha Engineering College, Chennai	5 Days (29.01.24 – 02.02.24)
10.	B.Pradeepa	5 Days Faculty Development Program on “ Advanced Research in Biomedical Engineering”	Saveetha Engineering College, Chennai	5 Days (29.01.24 – 02.02.24)
11.	B.Pradeepa	Professional Development Programme (STTP)on Biomedical Electronics, Telemedicine and IoT in Healthcare	National Institute for Technical Teachers and Research, Chennai	5 Days (22.04.24 – 26.04.24)
12.	C.Abirami	Professional Development Programme (STTP)on Biomedical Electronics, Telemedicine and IoT in Healthcare	National Institute for Technical Teachers and Research, Chennai	5 Days (22.04.24 – 26.04.24)



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STUDENT PARTICIPATION

BIOMEDICAL ENGINEERING



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STUDENT PARTICIPATION

PRIZE / AWARDS WON

S. No	Name of the Student	Year / Sem	Title of the Event	Name of the Institution Organized	Date	Award / Prize
1.	BHARANI PRAKASH.P	III / IV	Project Presentation	Vidiyal Pothunala Iyakkam, Chennimalai	20.07.2024	Second Prize
2.	ANANTHA PARTHIPAN. G	III / V	Project Presentation	Nandha College of Technology, Erode	20.07.2024	Second Prize
3.	ABINESH. M	III / V	Project Presentation	Nandha College of Technology, Erode	20.07.2024	Second Prize
4.	EZHILARASU. S	III / V	Project Presentation	Nandha College of Technology, Erode	20.07.2024	Second Prize
5.	VIGNESH. M	III / V	Project Presentation	Nandha College of Technology, Erode	05.10.2024	Second Prize
6.	RENUGADEVI .D	III / VI	National Event on i-SYM'24	Hindusthan College Of Engineering and Technology	26.03.2024	First Prize
7.	GIRIPRASANTH .S	III / VI	National Event on i-SYM'24	Hindusthan College Of Engineering and Technology	26.03.2024	First Prize

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STUDENT PARTICIPATION

WORKSHOP / SEMINAR

S. No.	Name of the Student	Year / Sem	Name of the Event	Name of the Institution organized	National / International Level	Date	Duration
1.	ABINESH. M	III / VI	One day Seminar on Vehicular Tracking and Intelligent Transport System design with 6G based Novel Clout model	Erode Sengunthar Engineering College, Erode	National	05.01.24	One Day
2.	EZHILARASU. S	III / VI	One day Seminar on Vehicular Tracking and Intelligent Transport System design with 6G based Novel Clout model	Erode Sengunthar Engineering College, Erode	National	05.01.24	One Day
3.	VIGNESH. M	III / VI	Two day Workshop on Obstacle a Avoidance Robot	Dihorotics	National	12.01.24	Two Days
4.	RAMAPANDIAN. M	II / IV	One day Webinar on SIRNAS	Society of Pharmaceutical Sciences and Research	National	04.02.24	One Day

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S. No.	Name of the Student	Year / Sem	Name of the Event	Name of the Institution organized	National / International Level	Date	Duration
5.	KANIKA.T	III / IV	One Day workshop Stepping Forward to promote safety of medical device: Materio vigilance program of Indian	Royal Care Super Speciality Hospital, Coimbatore	National	16.02.24	One Day
6.	KARTHIKA.S	III / IV	One Day workshop Stepping Forward to promote safety of medical device: Materio vigilance program of Indian	Royal Care Super Speciality Hospital, Coimbatore	National	16.02.24	One Day
7.	DARSHAN.K	II / III	One Day National level Technical Symposium	Kings Engineering College, Chennai	National	05.03.24	One Day
8.	SOWMIYA.S	II / III	One Day National level Technical Symposium	Kings Engineering College, Chennai	National	05.03.24	One Day
9.	FAIYAZ.	III / VI	One day on National Intellectual Property Awareness Mission	NIPAM National IP Awareness Mission	National	05.03.24	One Day
10.	SHALINI.V	II / III	One Day National level Technical Symposium	Kings Engineering College, Chennai	National	05.03.24	One Day
11.	SEETHA.S	II / III	One Day National level Technical Symposium	Kings Engineering College, Chennai	National	05.03.24	One Day

S. No.	Name of the Student	Year / Sem	Name of the Event	Name of the Institution organized	National / International Level	Date	Duration
12.	PUGAZHMATHI.P	II / III	One Day National level Teachical Symposium	Kings Engineering College, Chennai	National	05.03.24	One Day
13.	PRIYADHARSHINI.S	II / III	One Day National level Teachical Symposium	Kings Engineering College, Chennai	National	05.03.24	One Day
14.	SHIVANIKA.S	II / III	One Day National level Teachical Symposium	Kings Engineering College, Chennai	National	05.03.24	One Day
15.	HARINI.M	II / III	One Day National level Teachical Symposium	Kings Engineering College, Chennai	National	05.03.24	One Day
16.	GIRIPRASANTH.S	III / VI	One Day Workshop On Arduino Robotics And Ultrasound Radar	SNS College Of Technology, Coimbatore	National	07.03.24	One Day
17.	ANANTHA PARTHUPAN.G	III / VI	One Day Workshop On Arduino Robotics And Ultrasound Radar	SNS College Of Technology, Coimbatore	National	07.03.24	One Day
18.	JEGADHEESH. S	III / VI	One Day Workshop On Arduino Robotics And Ultrasound Radar	SNS College Of Technology, Coimbatore	National	07.03.24	One Day
19.	GOWTHAM. D	III / VI	One Day Workshop On Arduino Robotics And Ultrasound Radar	SNS College Of Technology, Coimbatore	National	07.03.24	One Day

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S. No.	Name of the Student	Year / Sem	Name of the Event	Name of the Institution organized	National / International Level	Date	Duration
20.	PRAKASH	III / VI	One Day Workshop On Arduino Robotics And Ultrasound Radar	SNS College Of Technology, Coimbatore	National	07.03.24	One Day
21.	AJAYKUMAR. R	III / VI	One Day Workshop On Arduino Robotics And Ultrasound Radar	SNS College Of Technology, Coimbatore	National	07.03.24	One Day
22.	KARTHICK. M	III / VI	One Day Workshop On Arduino Robotics And Ultrasound Radar	SNS College Of Technology, Coimbatore	National	07.03.24	One Day
23.	SHALINI.V	II / VI	One Day Workshop On "AI In Healthcare"	Top Engineering Mechanics IIT- Madras	National	27.10.24	One Day
24.	KOWSHIK A	III / VI	One Day Workshop On "RBI90 QUIZ 2024"	RBI 90 Quiz	State Level	22.11.24	One Day
25.	RAMAPANDIYAN.M	III / VI	One Day Workshop On "RBI90 QUIZ 2024"	RBI 90 Quiz	State Level	22.11.24	One Day



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STUDENT PARTICIPATION

S. No.	Name of the Student	Year / Sem	Name of the Title	Name of the Institution organized	National / International Level	Date	Duration
1.	RAMA PANDIAN.M	III / V	Networking and Web Technology	Infosys Springboard	National	11.12.2024	One Day

STUDENT PARTICIPATION

PAPER / CONFERENCE PRESENTATION

S. No.	Name of the Student	Year / Sem	Name of the Symposium / Conference	Title of the Paper	Name of the Institution organized	National / International Level	Date & Duration
1.	PRADEEPA.S	II / IV	National Level event on TECHTRINITY 2K24	-	Vivekanandha College of Engineering For Women	National	29.02.24 (One Day)
2.	SOWMIYA.S	II / IV	National Level event on TECHTRINITY 2K24	-	Vivekanandha College of Engineering For Women	National	29.02.24 (One Day)
3.	MADHUMITHA.C	III / VI	Paper Presentation event held as part of Aventura 2K24	-	Kongu Engineering College, Erode	National	15.03.24 (One Day)

S. No.	Name of the Student	Year / Sem	Name of the Symposium / Conference	Title of the Paper	Name of the Institution organized	National / International Level	Date & Duration
4.	SORNADEVI.M	III / VI	Paper Presentation event held as part of Aventuro 2K24	-	Kongu Engineering College, Erode	National	15.03.24 (One Day)
5.	KIRUTHIGA.S	III / VI	Paper Presentation event held as part of Aventuro 2K24	-	Kongu Engineering College, Erode	National	15.03.24 (One Day)
6.	SIVASANGARI.S	III / VI	Paper Presentation event held as part of Aventuro 2K24	-	Kongu Engineering College, Erode	National	15.03.24 (One Day)
7.	ATSHAYA. K	III / VI	Paper Presentation event held as part of Aventuro 2K24	-	Kongu Engineering College, Erode	National	15.03.24 (One Day)
8.	POORNIMADEVILR	IV / VIII	International Conference (ICTES'24)	Medicine Commemorati ve for Visually Impaired Persons Accompanied By Vibration Sensors Indicating Vital Parameters	Muthayammal College of Engineering, Rasipuram	Inter national	20.03.24 (One Day)
9.	MANIMARAN.A	IV / VIII	International Conference (ICTES'24)	Digitization of Motor Driven Intravenous Pump for Drug Delivery System based on IoT to Aberrant and Persistent Patients	Muthayammal College of Engineering, Rasipuram	Inter national	20.03.24 (One Day)

S. No.	Name of the Student	Year / Sem	Name of the Symposium / Conference	Title of the Paper	Name of the Institution organized	National / International Level	Date & Duration
10.	PRAVEEN.R	IV / VIII	International Conference (ICTES'24)	Digitization of Motor Driven Intravenous Pump for Drug Delivery System based on IoT to Aberrant and Persistent Patients	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)
11.	YOGALAKSHMI.T	IV / VIII	International Conference (ICTES'24)	Smart Enabled with Non Intrusive Thyroid Scrutinizing and Integrating through Non Proximate Sensing for Timely Recognition	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)
12.	DHINESH.S	IV / VIII	International Conference (ICTES'24)	Smart Enabled with Non Intrusive Thyroid Scrutinizing and Integrating through Non Proximate Sensing for Timely Recognition	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)
13.	ANITHA.T	IV / VIII	International Conference (ICTES'24)	Smart Enabled with Non Intrusive Thyroid Scrutinizing and Integrating through Non Proximate Sensing for Timely Recognition	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)

S. No.	Name of the Student	Year / Sem	Name of the Symposium / Conference	Title of the Paper	Name of the Institution organized	National / International Level	Date & Duration
14.	PRIYA DHARSHINI.S	IV / VIII	International Conference (ICTES'24)	Smart Enabled with Non Intrusive Thyroid Scrutinizing and Integrating through Non Proximate Sensing for Timely Recognition	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)
15.	KEERTHIVASAN.S	IV / VIII	International Conference (ICTES'24)	Intelligent infant Guarding System for Enhanced Neonatal Jaundice Treatment and Monitoring System	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)
16.	SASIKUMAR.E	IV / VIII	International Conference (ICTES'24)	Detection and Alerting of Human Posture through Vibrotactile Feedback using Real-Time Self Calibrating System	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)
17.	MALLESHWARI.S	IV / VIII	International Conference (ICTES'24)	Intelligent infant Guarding System for Enhanced Neonatal Jaundice Treatment and Monitoring System	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)

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S. No.	Name of the Student	Year / Sem	Name of the Symposium / Conference	Title of the Paper	Name of the Institution organized	National / International Level	Date & Duration
18.	RANJITH KUMAR.G	IV / VIII	International Conference (ICTES'24)	Intelligent infant Guarding System for Enhanced Neonatal Jaundice Treatment and Monitoring System	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)
19.	UMAY SALMA.S	IV / VIII	International Conference (ICTES'24)	Intelligent infant Guarding System for Enhanced Neonatal Jaundice Treatment and Monitoring System	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)
20.	SHANTHINI.S	IV / VIII	International Conference (ICTES'24)	Detection and Alerting of Human Posture through Vibrotactile Feedback using Real-Time Self Calibrating System	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)
21.	DURGADEVI.S	IV / VIII	International Conference (ICTES'24)	Digitization of Motor Driven Intravenous Pump for Drug Delivery System based on IoT to Aberrant and Persistent Patients	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)

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S. No.	Name of the Student	Year / Sem	Name of the Symposium / Conference	Title of the Paper	Name of the Institution organized	National / International Level	Date & Duration
22.	KAVIYA.S	IV / VIII	International Conference (ICTES'24)	Digitization of Motor Driven Intravenous Pump for Drug Delivery System based on IoT to Aberrant and Persistent Patients	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)
23.	DHANUSH KUMAR.R	IV / VIII	International Conference (ICTES'24)	Detection and Alerting of Human Posture through Vibrotactile Feedback using Real-Time Self Calibrating System	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)
24.	SOWBARNIKAA.S	IV / VIII	International Conference (ICTES'24)	Detection and Alerting of Human Posture through Vibrotactile Feedback using Real-Time Self Calibrating System	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)
25.	GOKILA SHREE.M	IV / VIII	International Conference (ICTES'24)	Medicine Commemorative for Visually Impaired Persons Accompanied By Vibration Sensors Indicating Vital Parameters	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)

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S. No.	Name of the Student	Year / Sem	Name of the Symposium / Conference	Title of the Paper	Name of the Institution organized	National / International Level	Date & Duration
26.	PRANAV.C. SHAJI	IV / VIII	International Conference (ICTES'24)	Medicine Commemorative for Visually Impaired Persons Accompanied By Vibration Sensors Indicating Vital Parameters	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)
27.	NAVEEN KUMAR.T	IV / VIII	International Conference (ICTES'24)	Medicine Commemorative for Visually Impaired Persons Accompanied By Vibration Sensors	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)
28.	RAJENDRAN.S	IV / VIII	International Conference (ICTES'24)	Empowering Mobility and Relieving Osteoarthritis Pain with Electrotherapeutic Wearables Enhanced by Connectivity Technology	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)
29.	SARANYAN.K	IV / VIII	International Conference (ICTES'24)	A Neoteric Wearable Real Time Automated Seizure Detection Based On Heart rate Variability Through Micro mechanics and Cellular Telephony	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)

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S. No.	Name of the Student	Year / Sem	Name of the Symposium / Conference	Title of the Paper	Name of the Institution organized	National / International Level	Date & Duration
30.	SUBASH.S	IV / VIII	International Conference (ICTES'24)	A Neoteric Wearable Real Time Automated Seizure Detection Based On Heart rate Variability Through Micromechanics And Cellular Telephony	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)
31.	DHARANI.K	IV / VIII	International Conference (ICTES'24)	Detecting helicobacter pylori through a PH sensor digitally useful for early peptic ulcer diagnosis	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)
32.	KARTHIKA.S	IV / VIII	International Conference (ICTES'24)	Detecting helicobacter pylori through a PH sensor digitally useful for early peptic ulcer diagnosis	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)
33.	NISHASRI.S.M	IV / VIII	International Conference (ICTES'24)	Detecting helicobacter pylori through a PH sensor digitally useful for early peptic ulcer diagnosis	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)
34.	RAGUL.M	IV / VIII	International Conference (ICTES'24)	Empowering mobility and reliving osteoarthritis pain with electro therapeutic wearables enhanced by connectivity technology	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)

S. No.	Name of the Student	Year / Sem	Name of the Symposium / Conference	Title of the Paper	Name of the Institution organized	National / International Level	Date & Duration
35.	RAJENDRAN.S	IV / VIII	International Conference (ICTES'24)	Empowering mobility and reliving osteoarthritis pain with electro therapeutic wearables enhanced by connectivity technology	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)
36.	SNEGA.S	IV / VIII	International Conference (ICTES'24)	Empowering mobility and reliving osteoarthritis pain with electro therapeutic wearables enhanced by connectivity technology	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)
37.	SHOBANA.M	IV / VIII	International Conference (ICTES'24)	Empowering mobility and reliving osteoarthritis pain with electro therapeutic wearables enhanced by connectivity technology	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)
38.	KALAISELVAN.K	IV / VIII	International Conference (ICTES'24)	Wireless portable androgogy device for bronchogenic carcinoma patient.	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)
39.	NAVEENA.S	IV / VIII	International Conference (ICTES'24)	Wireless portable androgogy device for bronchogenic carcinoma patient.	Muthayammal College of Engineering, Rasipuram	International	20.03.24 (One Day)

S. No.	Name of the Student	Year / Sem	Name of the Symposium / Conference	Title of the Paper	Name of the Institution organized	National / International Level	Date & Duration
40.	PAVITHRA.S	IV / VIII	International Conference (ICTES'24)	Wireless portable androgogy device for bronchogenic carcinoma patient.	Muthayammal College of Engineering, Rasipuram	Inter national	20.03.24 (One Day)
41.	SWEETHA.R	IV / VIII	International Conference (ICTES'24)	Wireless portable androgogy device for bronchogenic carcinoma patient.	Muthayammal College of Engineering, Rasipuram	Inter national	20.03.24 (One Day)
42.	KALAIVANI.M	IV / VIII	International Conference (ICA5NT 2024)	An Internet Of Things Based Remedy For Individuals with Paraplegia Intended to Dispatch Signals To A Healthcare Professional	Velammal Institute of Technology, Chennai	Inter national	21.03.24 - 22.03.24 (Two Days)
43.	ILAM VALUTHI.S	IV / VIII	International Conference (ICA5NT 2024)	An Internet Of Things Based Remedy For Individuals with Paraplegia Intended to Dispatch Signals To A Healthcare Professional	Velammal Institute of Technology, Chennai	Inter national	21.03.24 - 22.03.24 (Two Days)
44.	SURESHKUMAR. K	IV / VIII	International Conference (ICA5NT 2024)	Application-Based Body Hydration Monitoring And Enhancing Water Level Through Electro-Tactile Feedback	Velammal Institute of Technology, Chennai	Inter national	21.03.24 - 22.03.24 (Two Days)

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S. No.	Name of the Student	Year / Sem	Name of the Symposium / Conference	Title of the Paper	Name of the Institution organized	National / International Level	Date & Duration
45.	NAVEENKUMAR. K	IV / VIII	International Conference (ICA5NT 2024)	Application-Based Body Hydration Monitoring And Enhancing Water Level Through Electro-Tactile Feedback	Velammal Institute of Technology, Chennai	International	21.03.24 - 22.03.24 (Two Days)
46.	GODWIN MANOJA .A	IV / VIII	International Conference (ICA5NT 2024)	Application-Based Body Hydration Monitoring And Enhancing Water Level Through Electro-Tactile Feedback	Velammal Institute of Technology, Chennai	International	21.03.24 - 22.03.24 (Two Days)
47.	POONGUNDRAN. M.A	IV / VIII	International Conference (ICA5NT 2024)	Application-Based Body Hydration Monitoring And Enhancing Water Level Through Electro-Tactile Feedback	Velammal Institute of Technology, Chennai	International	21.03.24 - 22.03.24 (Two Days)
48.	ARUMUGAM.S	IV / VIII	International Conference (ICA5NT 2024)	Advancing Critical Care Design And Implementation Of An Automatic Ventilation System	Velammal Institute of Technology, Chennai	International	21.03.24 - 22.03.24 (Two Days)
49.	JANANI.V	IV / VIII	International Conference (ICA5NT 2024)	Advancing Critical Care Design And Implementation Of An Automatic Ventilation System	Velammal Institute of Technology, Chennai	International	21.03.24 - 22.03.24 (Two Days)

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S. No.	Name of the Student	Year / Sem	Name of the Symposium / Conference	Title of the Paper	Name of the Institution organized	National / International Level	Date & Duration
50.	FAIYAZ.M	IV / VIII	International Conference (ICA5NT 2024)	An Internet of Things Based Remedy For Individuals with Paraplegia Intended to Dispatch Signals To A Healthcare Professional	Velammal Institute of Technology, Chennai	International	21.03.24 - 22.03.24 (Two Days)
51.	SIVADASS.P	IV / VIII	International Conference (ICA5NT 2024)	An Internet Of Things Based Remedy For Individuals with Paraplegia Intended to Dispatch Signals To A Healthcare Professional	Velammal Institute of Technology, Chennai	International	21.03.24 - 22.03.24 (Two Days)
52.	HARIHARA SUNDHAN.S	IV / VIII	International Conference (ICA5NT 2024)	Oxygen production using algal diversity by engineering microalgae in micro fluids	Velammal Institute of Technology, Chennai	International	21.03.24 - 22.03.24 (Two Days)
53.	ANUSHREE.P	IV / VIII	International Conference (ICA5NT 2024)	Oxygen production using algal diversity by engineering microalgae in micro fluids	Velammal Institute of Technology, Chennai	International	21.03.24 - 22.03.24 (Two Days)
54.	NIVETHA.A	IV / VIII	International Conference (ICA5NT 2024)	Oxygen production using algal diversity by engineering microalgae in micro fluids	Velammal Institute of Technology, Chennai	International	21.03.24 - 22.03.24 (Two Days)
55.	LOGESH.G	IV / VIII	International Conference (ICA5NT 2024)	Oxygen production using algal diversity by engineering microalgae in micro fluids	Velammal Institute of Technology, Chennai	International	21.03.24 - 22.03.24 (Two Days)

S. No.	Name of the Student	Year / Sem	Name of the Symposium / Conference	Title of the Paper	Name of the Institution organized	National / International Level	Date & Duration
56.	SWETHA. K	IV / VIII	International Conference (ICMSC 2024)	Enhancing Mobility with Advanced Prosthetic Ankle For Lower Limb Amputees During Bike Riding And Everyday Activities	Karpagham College of Engineering, Coimbatore	International	22.03.24 - 23.03.24 (Two Days)
57.	MURUGAN.R	IV / VIII	International Conference (ICMSC 2024)	Enhancing Mobility with Advanced Prosthetic Ankle For Lower Limb Amputees During Bike Riding And Everyday Activities	Karpagham College of Engineering, Coimbatore	International	22.03.24 - 23.03.24 (Two Days)
58.	SUMANRAJ.M	IV / VIII	International Conference (ICMSC 2024)	Enhancing Mobility with Advanced Prosthetic Ankle For Lower Limb Amputees During Bike Riding And Everyday Activities	Karpagham College of Engineering, Coimbatore	International	22.03.24 - 23.03.24 (Two Days)
59.	GOWTHAM RAJA.S	IV / VIII	International Conference (ICMSC 2024)	Enhancing Mobility with Advanced Prosthetic Ankle For Lower Limb Amputees During Bike Riding And Everyday Activities	Karpagham College of Engineering, Coimbatore	International	22.03.24 - 23.03.24 (Two Days)

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S. No.	Name of the Student	Year / Sem	Name of the Symposium / Conference	Title of the Paper	Name of the Institution organized	National / International Level	Date & Duration
60.	RAGUL.M	IV / VIII	International Conference (ICMSC 2024)	Empowering Mobility and Relieving Osteoarthritis Pain with Electro therapeutic Wearables Enhanced By Connectivity Technology	Karpagham College of Engineering, Coimbatore	International	22.03.24 - 23.03.24 (Two Days)
61.	DHARANI.K	IV / VIII	International Conference (ICMSC 2024)	Detecting helicobacter pylori through a PH sensor digitally useful for early peptic ulcer diagnosis	Karpagham College of Engineering, Coimbatore	International	22.03.24 - 23.03.24 (Two Days)
62.	KARTHIKA.S	IV / VIII	International Conference (ICMSC 2024)	Detecting helicobacter pylori through a PH sensor digitally useful for early peptic ulcer diagnosis	Karpagham College of Engineering, Coimbatore	International	22.03.24 - 23.03.24 (Two Days)
63.	PRAVIN.V	IV / VIII	International Conference (ICMSC 2024)	Detecting helicobacter pylori through a PH sensor digitally useful for early peptic ulcer diagnosis	Karpagham College of Engineering, Coimbatore	International	22.03.24 - 23.03.24 (Two Days)
64.	KARTHIKEYAN.B	IV / VIII	International Conference (ICMSC 2024)	Low power affordable Electromyogram for wearable biometric and medical applications.	Karpagham College of Engineering, Coimbatore	International	22.03.24 - 23.03.24 (Two Days)

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S. No.	Name of the Student	Year / Sem	Name of the Symposium / Conference	Title of the Paper	Name of the Institution organized	National / International Level	Date & Duration
65.	RAJARYAN.	IV / VIII	International Conference (ICMSC 2024)	Low power affordable Electromyogram for wearable biometric and medical applications.	Karpagham College of Engineering, Coimbatore	International	22.03.24 - 23.03.24 (Two Days)
66.	SANJAY.K	IV / VIII	International Conference (ICMSC 2024)	Low power affordable Electromyogram for wearable biometric and medical applications.	Karpagham College of Engineering, Coimbatore	International	22.03.24 - 23.03.24 (Two Days)
67.	SURYAPRIYA.K	IV / VIII	International Conference (ICMSC 2024)	Low power affordable Electromyogram for wearable biometric and medical applications.	Karpagham College of Engineering, Coimbatore	International	22.03.24 - 23.03.24 (Two Days)
68.	NAVEEN.S	IV / VIII	International Conference (ICMSC 2024)	Investigating the detrimental impact of disposable syringes and supplanting them into bio – degradable syringes.	Bannari Institute of Technology, Sathya mangalam	International	26.03.24 - 27.03.24 (Two Days)
69.	YUVARAJ.M	IV / VIII	International Conference (ICMSC 2024)	Investigating the detrimental impact of disposable syringes and supplanting them into bio – degradable syringes.	Bannari Institute of Technology, Sathya mangalam	International	26.03.24 - 27.03.24 (Two Days)

S. No.	Name of the Student	Year / Sem	Name of the Symposium / Conference	Title of the Paper	Name of the Institution organized	National / International Level	Date & Duration
70.	DHARSINI.S.S	IV / VIII	International Conference (ICMSC 2024)	Investigating the detrimental impact of disposable syringes and supplanting them into bio – degradable syringes.	Bannari Institute of Technology, Sathya mangalam	International	26.03.24 - 27.03.24 (Two Days)
71.	ELAVAN GOVAN.M	IV / VIII	International Conference (ICMSC 2024)	Investigating the detrimental impact of disposable syringes and supplanting them into bio – degradable syringes.	Bannari Institute of Technology, Sathya mangalam	International	26.03.24 - 27.03.24 (Two Days)



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STUDENT PARTICIPATION

PROJECT PRESENTATION

S. No.	Name of the Student	Year / Sem	Name of the Symposium / Conference	Name of the Institution organized	National / International Level	Date	Duration
1.	BHARANI PRAKASH.P	III / VI	Ilam Venyani Viruthu	Vediyal Potu Nala Iyakam Chennimalai	National	04.02.2024	One Day
2.	KOWSHIK.A	II / IV	MEDINNO-2K24 the National Level Technical Symposium	Kings Engineering College Chennai	National	05.03.2024	One Day
3.	RAMAPANDIYAN .M	II / IV	MEDINNO-2K24 the National Level Technical Symposium	Kings Engineering College Chennai	National	05.03.2024	One Day
4.	VALAVAN.V	II / IV	MEDINNO-2K24 the National Level Technical Symposium	Kings Engineering College Chennai	National	05.03.2024	One Day
5.	EZHILARASU.S	III / VI	National Level Technical Symposium TECH SPURTZ 2K24	Nandha Collage of Engineering and Technology Erode	National	22.03.2024	One Day
6.	VIGNESH.M	III / VI	National Level Technical Symposium TECH SPURTZ 2K24	Nandha Collage of Engineering and Technology Erode	National	22.03.2024	One Day
7.	RENUGADEVI.D	III / VI	National Level Technical Symposium i-SYM'24	Hindusthan College Of Engineering And Technology	National	26.03.2024	One Day
8.	GIRIPRASANTH. S	III / VI	National Level Technical Symposium i-SYM'24	Hindusthan College Of Engineering And Technology Coimbatore	National	26.03.2024	One Day

S. No.	Name of the Student	Year / Sem	Name of the Symposium / Conference	Name of the Institution organized	National / International Level	Date	Duration
9.	AKASHRAJ.T.T	III / VI	JRISK-2K24 National Level Technical Symposium	P.A. College Of Engineering And Technology Coimbatore	National	05.04.2024	One Day
10.	ANBARASAN.B	III / VI	JRISK-2K24 National Level Technical Symposium	P.A. College Of Engineering And Technology Coimbatore	National	05.04.2024	One Day
11.	ARAVIND.M.S.	III / VI	JRISK-2K24 National Level Technical Symposium	P.A. College Of Engineering And Technology Coimbatore	National	05.04.2024	One Day
12.	GUHANRAHUL.V	III / VI	JRISK-2K24 National Level Technical Symposium	P.A. College Of Engineering And Technology Coimbatore	National	05.04.2024	One Day
13.	HEMA.J	III / VI	JRISK-2K24 National Level Technical Symposium	P.A. College Of Engineering And Technology Coimbatore	National	05.04.2024	One Day
14.	KAMALNATH.R	III / VI	JRISK-2K24 National Level Technical Symposium	P.A. College Of Engineering And Technology Coimbatore	National	05.04.2024	One Day
15.	KISHORE.M	III / VI	JRISK-2K24 National Level Technical Symposium	P.A. College Of Engineering And Technology Coimbatore	National	05.04.2024	One Day
16.	MATHAN.A	III / VI	JRISK-2K24 National Level Technical Symposium	P.A. College Of Engineering And Technology Coimbatore	National	05.04.2024	One Day
17.	SAKTHIVEL.P	III / VI	JRISK-2K24 National Level Technical Symposium	P.A. College Of Engineering And Technology Coimbatore	National	05.04.2024	One Day
18.	PRIYA DHARSHINI.M	III / VI	National Level Technical Fest TECH MELANGE'24	Bannari Amman Institute Of Technology Sathyamangalam	National	03.05.2024 to 04.05.2024	Two Day

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S. No.	Name of the Student	Year / Sem	Name of the Symposium / Conference	Name of the Institution organized	National / International Level	Date	Duration
19.	SHANKAR.M	III / VI	National Level Technical Fest TECH MELANGE'24	Bannari Amman Institute Of Technology Sathyamangalam	National	03.05.2024 to 04.05.2024	Two Day
20.	MADHUMITHA.C	III / VI	National Level Technical Fest TECH MELANGE'24	Bannari Amman Institute Of Technology Sathyamangalam	National	03.05.2024 to 04.05.2024	Two Day



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STUDENT PARTICIPATION

TECHNICAL EVENTS

S. No.	Name of the Student	Year / Sem	Name of the Technical Event attended	Name of the Institution organized	Date	Duration
1.	RENUGADEVI.D	III / VI	National Level Technical “Uddan Youth Club”	Uddan Youth Club Tyodhi	27.01.2024 To 11.02.2024	Two Days
2.	JEEVANANTHAM S	III / IV	National Level Technical Symposium I-SYM0'24-“	Hindustan College of Engineering and Technology Coimbatore	26.03.2024	One Day
3.	GIRIPRASANTH. S	III / VI	National Level Technical Symposium I-SYM0'24-“	Hindustan College of Engineering and Technology Coimbatore	26.03.2024	One Day
4.	RENUGADEVI.D	III / VI	National Level Technical Symposium I-SYM0'24-“	Hindustan College of Engineering and Technology Coimbatore	26.03.2024	One Day



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STUDENT PARTICIPATION

Hackathon Presentation

S. No.	Name of the Student	Year / Sem	Name of the Hackathon	Name of the Institution Organized	National / Inter national Level	Date	Duration
1.	GIRI PRASANTH .S	III / VI	HACKHEIST' 2K24	Sri Ramakrishna Engineering College, Coimbatore	National	22.03.2024 & 27.03.2024 to 28.03.2024	Three Days
2.	RENUGA DEVI .D	III / VI	HACKHEIST' 2K24	Sri Ramakrishna Engineering College Coimbatore	National	22.03.2024 & 27.03.2024 to 28.03.2024	Three Days
3.	JEEVANANTHA M.S	III / VI	HACKHEIST' 2K24	Sri Ramakrishna Engineering College Coimbatore	National	22.03.2024 & 27.03.2024 to 28.03.2024	Three Days



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STUDENT PARTICIPATION

INTRENSHIP / INDUSTRIAL TRAINING

S. No.	Name of the Collaborating Agency With Contact Details	Name of The Participant	From -To
1.	SARAVANA MEDICAL CENTER, KANGEYAM	PRADEEPA S	18.03.2024 – 03.04.2024
2.	ABHI SK HOSPITAL, GOBI	SHALINI V	18.03.2024 – 03.04.2024
3.	ABHI SK HOSPITAL, GOBI	NIVETHA S	18.03.2024 – 03.04.2024
4.	ABHI SK HOSPITAL, GOBI	SENTHAMARAI S	18.03.2024 – 03.04.2024
5.	ABHI SK HOSPITAL, GOBI	DURGANANDHINI P	18.03.2024 – 03.04.2024
6.	ABHI SK HOSPITAL, GOBI	MOHANA PRIYA K	18.03.2024 – 03.04.2024
7.	ABHI SK HOSPITAL, GOBI	ANANTHI C	18.03.2024 – 03.04.2024
8.	ABHI SK HOSPITAL, GOBI	SRILEKA M	18.03.2024 – 03.04.2024
9.	ABHI SK HOSPITAL, GOBI	VELLIMALAR M	18.03.2024 – 03.04.2024
10.	ABHI SK HOSPITAL, GOBI	SANDHIYA T	18.03.2024 – 03.04.2024
11.	KAUVERY HOSPITAL, TRICHY, TIRUNELVELI	PRIYADHARSHINI S	11.04.2024 – 26.04.2024
12.	KAUVERY HOSPITAL, TRICHY, TIRUNELVELI	PUGAZHMATHI P	11.04.2024 – 26.04.2024
13.	KAUVERY HOSPITAL, TRICHY, TIRUNELVELI	SHIVANIKA S	11.04.2024 – 26.04.2024

S. No.	Name of the Collaborating Agency With Contact Details	Name of The Participant	From -To
14.	KAUVERY HOSPITAL, TRICHY, TIRUNELVELI	SUBALAKSHMI S	11.04.2024 – 26.04.2024
15.	KAUVERY HOSPITAL, TRICHY, TIRUNELVELI	SUGANYA S	11.04.2024 – 26.04.2024
16.	KALYANI KIDNEY CARE CENTER, ERODE	ABHISHEKH C	10.04.2024 – 25.04.2024
17.	KALYANI KIDNEY CARE CENTER, ERODE	MOHAMED ANISH J	10.04.2024 – 25.04.2024
18.	KALYANI KIDNEY CARE CENTER, ERODE	MURALI DAS P	10.04.2024 – 25.04.2024
19.	KALYANI KIDNEY CARE CENTER, ERODE	SAISIVAM R	10.04.2024 – 25.04.2024
20.	KALYANI KIDNEY CARE CENTER, ERODE	SIBIRAJ S	10.04.2024 – 25.04.2024
21.	KALYANI KIDNEY CARE CENTER, ERODE	VIKRAM S	10.04.2024 – 25.04.2024
22.	KALYANI KIDNEY CARE CENTER, ERODE	VEMKATESHWARAN D	10.04.2024 – 25.04.2024
23.	KALYANI KIDNEY CARE CENTER, ERODE	DHANUSHMURUGAN R	10.04.2024 – 25.04.2024
24.	CITY HOSPITAL, ERODE	KEERTHANA S	08.04.2024 – 23.04.2024
25.	CITY HOSPITAL, ERODE	LAVANYA M	08.04.2024 – 23.04.2024
26.	CITY HOSPITAL, ERODE	MONIKA C	08.04.2024 – 23.04.2024
27.	CITY HOSPITAL, ERODE	RAMYA DEVI M	08.04.2024 – 23.04.2024
28.	CITY HOSPITAL, ERODE	RITHIKA M	08.04.2024 – 23.04.2024
29.	CITY HOSPITAL, ERODE	SUNDARAM R	08.04.2024 – 23.04.2024

S. No.	Name of the Collaborating Agency With Contact Details	Name of The Participant	From -To
30.	CITY HOSPITAL, ERODE	NARMATHA D	08.04.2024 – 23.04.2024
31.	HARIHARAN HOSPITAL, GOBI	KANISHKA A	19.03.2024 – 04.04.2024
32.	HARIHARAN HOSPITAL, GOBI	THRISHA R	19.03.2024 – 04.04.2024
33.	VELAMMAL MULTISPECIALITY HOSPITAL, MADURAI	VASANTH KUMAR O S	20.03.2024 – 05.04.2024
34.	SRI NARAYANI HOSPITAL AND RESEARCH CENTER, VELLORE	VALAVAN V	20.03.2024 – 05.04.2024
35.	MEENAKSHI HOSPITAL, TANJAVORE	SIVA S	20.03.2024 – 05.04.2024
36.	MEENAKSHI HOSPITAL, TANJAVORE	VISWAPRASATH M	20.03.2024 – 05.04.2024
37.	DR.KAMARAJ MULTISPECIALITY HOSPITAL, VIRUTHUNAGAR	RAMAPANDIAN M	18.03.2024 – 03.04.2024
38.	BE WELL HOSPITALS, CHENNAI	BALAJI J	18.03.2024 – 03.04.2024
39.	GANGA MEDICAL CENTER AND HOSPITALS, COIMBATORE	SOWMIYA S	18.03.2024 – 03.04.2024
40.	GANGA MEDICAL CENTER AND HOSPITALS, COIMBATORE	AKSHARA K	18.03.2024 – 03.04.2024
41.	GANGA MEDICAL CENTER AND HOSPITALS, COIMBATORE	KOWSHIK A	18.03.2024 – 03.04.2024
42.	VP MEDICAL CENTRE AND EYE FOUNDATION, PERUNDURAI, ERODE	VIJI J	11.04.2024 – 26.04.2024

S. No.	Name of the Collaborating Agency With Contact Details	Name of The Participant	From -To
43.	VP MEDICAL CENTRE AND EYE FOUNDATION, PERUNDURAI, ERODE	VASUDEVAN K	11.04.2024 – 26.04.2024
44.	VP MEDICAL CENTRE AND EYE FOUNDATION, PERUNDURAI, ERODE	DARSHAN K	11.04.2024 – 26.04.2024
45.	VP MEDICAL CENTRE AND EYE FOUNDATION, PERUNDURAI, ERODE	ELANGO VAN M	11.04.2024 – 26.04.2024
46.	VP MEDICAL CENTRE AND EYE FOUNDATION, PERUNDURAI, ERODE	HARANI S	11.04.2024 – 26.04.2024
47.	VP MEDICAL CENTRE AND EYE FOUNDATION, PERUNDURAI, ERODE	DHARSHINI G J	11.04.2024 – 26.04.2024
48.	VP MEDICAL CENTRE AND EYE FOUNDATION, PERUNDURAI, ERODE	KAVITHASRI T	11.04.2024 – 26.04.2024



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STUDENT PARTICIPATION

JOURNAL PUBLICATION

S. No	NAME OF THE STUDENTS	TITLE OF THE JOURNAL	NAME OF THE JOURNAL	LINK
1.	K.DHARANI	Detecting Helicobacter pylori through a pH sensor digitally useful for early peptic ulcer diagnosis	International Journal of New Innovations in Engineering and Technology, International Journal of New Innovations in Engineering and Technology Volume 24 Issue 1 March 2024, ISSN: 2319-6319I	http://www.ijniet.org/wp-content/uploads/2024/04/105.pdf
2.	S.KARTHIKA	Detecting Helicobacter pylori through a pH sensor digitally useful for early peptic ulcer diagnosis	International Journal of New Innovations in Engineering and Technology, International Journal of New Innovations in Engineering and Technology Volume 24 Issue 1 March 2024, ISSN: 2319-6319I	http://www.ijniet.org/wp-content/uploads/2024/04/105.pdf
3.	S.M.NISHA SRI	Detecting Helicobacter pylori through a pH sensor digitally useful for early peptic ulcer diagnosis	International Journal of New Innovations in Engineering and Technology, International Journal of New Innovations in Engineering and Technology Volume 24 Issue 1 March 2024, ISSN: 2319-6319I	http://www.ijniet.org/wp-content/uploads/2024/04/105.pdf

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S. No	NAME OF THE STUDENTS	TITLE OF THE JOURNAL	NAME OF THE JOURNAL	LINK
4.	V.PRAVIN	Detecting Helicobacter pylori through a pH sensor digitally useful for early peptic ulcer diagnosis	International Journal of New Innovations in Engineering and Technology, International Journal of New Innovations in Engineering and Technology Volume 24 Issue 1 March 2024, ISSN: 2319-6319I	http://www.ijniet.org/wp-content/uploads/2024/04/105.pdf
5.	S.KEERTHIVASAN	Intelligent Infant Guarding System for Enhanced Neonatal Jaundice Treatment and Monitoring System	International Journal of New Innovations in Engineering and Technology, International Journal of New Innovations in Engineering and Technology Volume 24 Issue 1 March 2024, ISSN: 2319-6319I	http://www.ijniet.org/wp-content/uploads/2024/04/109.pdf
6.	G.RANJITH KUMAR	Intelligent Infant Guarding System for Enhanced Neonatal Jaundice Treatment and Monitoring System	International Journal of New Innovations in Engineering and Technology, International Journal of New Innovations in Engineering and Technology Volume 24 Issue 1 March 2024, ISSN: 2319-6319I	http://www.ijniet.org/wp-content/uploads/2024/04/109.pdf
7.	S.MALLESHWARI	Intelligent Infant Guarding System for Enhanced Neonatal Jaundice Treatment and Monitoring System	International Journal of New Innovations in Engineering and Technology, International Journal of New Innovations in Engineering and Technology Volume 24 Issue 1 March 2024, ISSN: 2319-6319I	http://www.ijniet.org/wp-content/uploads/2024/04/109.pdf

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S. No	NAME OF THE STUDENTS	TITLE OF THE JOURNAL	NAME OF THE JOURNAL	LINK
8.	S.UMAY SALMA	Intelligent Infant Guarding System for Enhanced Neonatal Jaundice Treatment and Monitoring System	International Journal of New Innovations in Engineering and Technology, International Journal of New Innovations in Engineering and Technology Volume 24 Issue 1 March 2024, ISSN: 2319-6319I	http://www.ijniet.org/wp-content/uploads/2024/04/109.pdf
9.	SUBASH S	A Neoteric Wearable Real Time Automated Seizure Detection Based On Heart rate Variability Through Micromechanics and Cellular Telephony	International Journal of New Innovations in Engineering and Technology, International Journal of New Innovations in Engineering and Technology Volume 24 Issue 1 March 2024, ISSN: 2319-6319I	http://www.ijniet.org/wp-content/uploads/2024/04/107.pdf
10.	MANIKANDAN M	A Neoteric Wearable Real Time Automated Seizure Detection Based On Heart rate Variability Through Micromechanics and Cellular Telephony	International Journal of New Innovations in Engineering and Technology, International Journal of New Innovations in Engineering and Technology Volume 24 Issue 1 March 2024, ISSN: 2319-6319I	http://www.ijniet.org/wp-content/uploads/2024/04/107.pdf
11.	TAMILARSAN S	A Neoteric Wearable Real Time Automated Seizure Detection Based On Heart rate Variability Through Micromechanics and Cellular Telephony	International Journal of New Innovations in Engineering and Technology, International Journal of New Innovations in Engineering and Technology Volume 24 Issue 1 March 2024, ISSN: 2319-6319I	http://www.ijniet.org/wp-content/uploads/2024/04/107.pdf

S. No	NAME OF THE STUDENTS	TITLE OF THE JOURNAL	NAME OF THE JOURNAL	LINK
12.	SARANYAN K	A Neoteric Wearable Real Time Automated Seizure Detection Based On Heart rate Variability Through Micromechanics and Cellular Telephony	International Journal of New Innovations in Engineering and Technology, International Journal of New Innovations in Engineering and Technology Volume 24 Issue 1 March 2024, ISSN: 2319-6319I	http://www.ijniet.org/wp-content/uploads/2024/04/107.pdf
13.	KOWSHIK A	Enhancing Mobility with Advanced Prosthetic Ankle For Lower Limb Amputees during Bike Riding and Everyday activities	i-manager's Journal on Instrumentation & Control Engineering I I, Vol. 12 No. 2 December 2024	https://doi.org/10.26634/jic.12.2.21434
14.	KEERTHANA S	Enhancing Mobility with Advanced Prosthetic Ankle For Lower Limb Amputees during Bike Riding and Everyday activities	i-manager's Journal on Instrumentation & Control Engineering I I, Vol. 12 No. 2 December 2024	https://doi.org/10.26634/jic.12.2.21434
15.	VASUDEVAN K	Enhancing Mobility with Advanced Prosthetic Ankle For Lower Limb Amputees during Bike Riding and Everyday activities	i-manager's Journal on Instrumentation & Control Engineering I I, Vol. 12 No. 2 December 2024	https://doi.org/10.26634/jic.12.2.21434
16.	JEEVANANTHAM S	Enhancing Mobility with Advanced Prosthetic Ankle For Lower Limb Amputees during Bike Riding and Everyday activities	i-manager's Journal on Instrumentation & Control Engineering I I, Vol. 12 No. 2 December 2024	https://doi.org/10.26634/jic.12.2.21434
17.	MANIMARAN A	Enhancing Mobility with Advanced Prosthetic Ankle For Lower Limb Amputees during Bike Riding and Everyday activities	International Journal of New Innovations in Engineering and Technology, International Journal of New Innovations in Engineering and Technology Volume 24 Issue 1 March 2024, ISSN: 2319-6319I	http://www.ijniet.org/wp-content/uploads/2024/04/122.pdf

S. No	NAME OF THE STUDENTS	TITLE OF THE JOURNAL	NAME OF THE JOURNAL	LINK
18.	DURGADEVI S	Enhancing Mobility with Advanced Prosthetic Ankle For Lower Limb Amputees during Bike Riding and Everyday activities	International Journal of New Innovations in Engineering and Technology, International Journal of New Innovations in Engineering and Technology Volume 24 Issue 1 March 2024, ISSN: 2319-6319I	http://www.ijniet.org/wp-content/uploads/2024/04/122.pdf
19.	PRAVEEN R	Enhancing Mobility with Advanced Prosthetic Ankle For Lower Limb Amputees during Bike Riding and Everyday activities	International Journal of New Innovations in Engineering and Technology, International Journal of New Innovations in Engineering and Technology Volume 24 Issue 1 March 2024, ISSN: 2319-6319I	http://www.ijniet.org/wp-content/uploads/2024/04/122.pdf
20.	KAVIYA S	Enhancing Mobility with Advanced Prosthetic Ankle For Lower Limb Amputees during Bike Riding and Everyday activities	International Journal of New Innovations in Engineering and Technology, International Journal of New Innovations in Engineering and Technology Volume 24 Issue 1 March 2024, ISSN: 2319-6319I	http://www.ijniet.org/wp-content/uploads/2024/04/122.pdf
21.	M.GOKILHASHREE	Medicine Commemorative for Visually Impaired Persons accompanied by Vibration Sensors indicating Vital Parameters	International Journal of New Innovations in Engineering and Technology, International Journal of New Innovations in Engineering and Technology Volume 24 Issue 1 March 2024, ISSN: 2319-6319I	http://www.ijniet.org/wp-content/uploads/2024/04/113.pdf

S. No	NAME OF THE STUDENTS	TITLE OF THE JOURNAL	NAME OF THE JOURNAL	LINK
22.	T.NAVEENKUMAR	Medicine Commemorative for Visually Impaired Persons accompanied by Vibration Sensors indicating Vital Parameters	International Journal of New Innovations in Engineering and Technology, International Journal of New Innovations in Engineering and Technology Volume 24 Issue 1 March 2024, ISSN: 2319-6319I	http://www.ijniet.org/wp-content/uploads/2024/04/113.pdf
23.	R.POORANIMADEVI	Medicine Commemorative for Visually Impaired Persons accompanied by Vibration Sensors indicating Vital Parameters	International Journal of New Innovations in Engineering and Technology, International Journal of New Innovations in Engineering and Technology Volume 24 Issue 1 March 2024, ISSN: 2319-6319I	http://www.ijniet.org/wp-content/uploads/2024/04/113.pdf
24.	PRANAV.C.SHAJI	Medicine Commemorative for Visually Impaired Persons accompanied by Vibration Sensors indicating Vital Parameters	International Journal of New Innovations in Engineering and Technology, International Journal of New Innovations in Engineering and Technology Volume 24 Issue 1 March 2024, ISSN: 2319-6319I	http://www.ijniet.org/wp-content/uploads/2024/04/113.pdf



BIOMEDICAL ENGINEERING



ALUMNI PRESENTATION

1

The Pulse of Technology:
A Biomedical Service Engineer's
role in Patient Care on

15.04.24

VINITHA B

Alumna (2018 - 2022),
Service Engineer, Ultra Serve Systems, Chennai.



2

Navigating the Tech World: My Path as a Junior
Software Engineer on
14.05.24

PAVITHRA T M

Alumna (2018 - 2022),
Junior Software Engineer, BORQS Technologies,
Bangalore.



3

The Role of Software Developers in
Transforming Healthcare
20.03.24

Mr. S. THINAKARAN

Alumnus (2019 - 2023),
Software Developer, Dhyan Networks and
Technologies Pvt Ltd, Chennai.



4

Journey of Becoming a Medical Coder
06.06.24

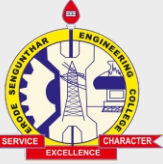
Ms. ARUNADEVI . B

Alumna (2019 - 2023),
Trainee Medical Coder, Clarus RCM InfoTech Pvt Ltd,
Coimbatore.



ERODE SENGUNTHAR ENGINEERING COLLEGE

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TELEDIAGNOSTICS
PVT LTD, SALEM



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HEALTHWATCH
TELEDIAGNOSTICS
PVT LTD, SALEM



FAIYAZ.M

RADIANT MEDICAL
SYSTEM



GOKILHASHREE

SPECTRA MEDICAL
TECHNOLOGY PVT INDIA



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RAJA.S

HEALTHWATCH
TELEDIAGNOSTICS
PVT LTD, SALEM



HARIHARA
SUDHAN.S

TCS, CHENNAI



ILAMVALUTHI.S

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KARTHIKEYAN.B

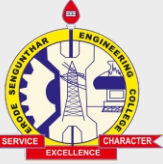
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MANIKANDAN.M

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PVT LTD, TRIPUR



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HAXAWARE,
MUMBAI



NISHA SRI.S.M

CODING MART,
BANGALORE



NIVETHA.A

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TRICHY



PAVITHRA.S

OMEGA HEALTHCARE,
TRICHY



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.M.A

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CLARUS INFOTECH,
COIMBATORE



PRAVEEN.R

OMEGA HEALTHCARE,
TRICHY



RAGUL.M

UDHAYAM HEALTHCARE,
COIMBATORE



PRANAV C SHAJI

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INDIA PVT LTD, MUMBAI



RAJ ARYAN

CLARUS INFOTECH,
COIMBATORE



SANJAY.K

HEALTHWATCH
TELEDIAGNOSTICS
PVT LTD, SALEM



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CHENNAI



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SOWBARANIKAA.S

OPTUM HEALTH,
BANGALORE



SUBASH.S

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TELEDIAGNOSTICS
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SUMANRAJ.M

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COIMBATORE



SURESH KUMAR.K

OPTUM HEALTHCARE,
BANGALORE



SURYAPRIYA.K

OMEGA HEALTHCARE,
TRICHY



SWETHA.K

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SWETHA.R

OMEGA HEALTHCARE,
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TAMILARASAN.S

OPTUM HEALTH,
BANGALORE



UMAY SALMA.S

OMEGA HEALTHCARE,
TRICHY



YOGALAKSHMI.T

CLARUS INFOTECH,
COIMBATORE



YUVARAJ.M

HAXAWARE,
MUMBAI



SHOBANA.M

ETHNUS TECHNOLOGIES,
BANGALORE



PRIYADHARSHINI S



SALIENT FEATURES OF THE COLLEGE

MUGIL FM 91.2MHz

MUGIL CRS aims at the women empowerment and community based development encompassing the rural areas around the college. MUGIL CRS is a tape less and completely digital operating Community Radio Station from the campus @ 91.2 MHz to a range of 50 KMS.



SPORTS, INDOOR & OUTDOOR GAMES

- ✓ The Department of Physical Education has all the facilities to promote sports and games.
- ✓ The total play ground area is 9 acres. It includes 400 metres mud track for track and field Markings.
- ✓ Facilities for outdoor games such as Cricket, Football, Handball, Ball Badminton, Basket Ball, Kabaddi, Hockey, and Volleyball are made available.
- ✓ Facilities for Indoor games like Chess, Carom and Table Tennis etc. are made available.



MULTI - STATION GYM

Gymnasium facilities are also made available in the college, to keep the students fit and smart. These promote heart health and weight loss, help prevent osteoporosis and improve muscle strength, balance and flexibility.



TEMPLE



CONFERENCE HALL



AUDITORIUM



SEMINAR HALL



SALIENT FEATURES OF THE COLLEGE

CENTRAL LIBRARY

A well equipped library- a storehouse of knowledge that helps you to

- ✓ Attain Educational Outcome
- ✓ Update the knowledge
- ✓ Acquire learning skills
- ✓ Self studies & self analysis
- ✓ Conservation of knowledge & ideas
- ✓ Shaping your character
- ✓ Personality development
- ✓ Research work

The library is kept open from 8.30 a.m. to 7.30 p.m. The library card is issued to the students for borrowing books from the library. Digital library facility is available to access e-journals and books. Availability of text books, reference books and journals at the national and international levels in the library is ensured for the effective self learning

Services

- ✓ Reprography
- ✓ Access of e-sources
- ✓ Current awareness
- ✓ References services
- ✓ Internet services
- ✓ Lending services

Total Collections

- ✓ Books - 45602
- ✓ Periodicals-254
- ✓ E-books-7200
- ✓ E-journals-656
- ✓ National journal back volumes-5220
- ✓ International journals back volumes-812
- ✓ Project report-3694
- ✓ News paper - 10
- ✓ Books CD's & DVD's- 1848
- ✓ Periodical CD's & DVD's - 961

Online Public Access Catalogue (OPAC)

- ✓ The central library introduced and installed PALPAP Library Automation Software. It is fully integrated with multi-user software on windows environment capable of handling lakhs of records. OPAC terminals are user friendly, informative and have the following features
- ✓ A powerful document search engine
- ✓ Locates the status of the book in the library
- ✓ Displays all available books of an author
- ✓ Displays the borrowers status

