



ERODE SENGUNTHAR ENGINEERING COLLEGE

(AUTONOMOUS) Perundurai, Erode - 638 057



NEWS LETTER >>>>

JULY 2023 - DECEMBER 2023

"Medicines Cure Diseases,
But only Doctors Can Cure Patients."
CARL JUNG



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

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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.

BIOMEDICAL ENGINEERING

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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.



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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

FDP / STTP PROGRAM

S. No	Name Of The Faculty	Name of the FDP / STTP	Institute	Duration (Date)
1.	Dr.A.Sathish Kumar	3 Days Faculty Development Program on “ BM3301 – Sensors and Measurements”	Alpha College of Engineering, Chennai	3 Days (03.08.23 – 05.08.23)
2.	Dr.A.Sathish Kumar	5 Days Faculty Development Program on “ Emerging Trends in Data Analytics and Machine Learning”	Karunya Deemed University, Coimbatore	5 Days (18.09.23 – 22.09.23)
3.	Dr.G.S.Satheesh Kumar	FDP on Modern Medical Instrumentation	SRM Institute of Science and Technology, Chennai	5 Days (04.12.23 – 08.12.23)
4.	K.Balasubramanian	3 Days Faculty Development Program on “ BM3301 – Sensors and Measurements”	Alpha College of Engineering, Chennai	3 Days (03.08.23 – 05.08.23)
5.	K.Balasubramanian	5 Days Faculty Development Program on “ Emerging Trends in Data Analytics and Machine Learning”	Karunya Deemed University, Coimbatore	5 Days (18.09.23 – 22.09.23)
6.	K.Balasubramanian	FDP on Modern Medical Instrumentation	SRM Institute of Science and Technology, Chennai	5 Days (04.12.23 – 08.12.23)
7.	T.Yamuna	5 Days Faculty Development Program on “ Emerging Trends in Data Analytics and Machine Learning”	Karunya Deemed University, Coimbatore	5 Days (18.09.23 – 22.09.23)

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S. No	Name Of The Faculty	Name of the FDP / STTP	Institute	Duration (Date)
8.	K.Balasubramanian	FDP on Modern Medical Instrumentation	SRM Institute of Science and Technology, Chennai	5 Days (04.12.23 – 08.12.23)
9.	T.Yamuna	5 Days Faculty Development Program on “Emerging Trends in Data Analytics and Machine Learning”	Karunya Deemed University, Coimbatore	5 Days (18.09.23 – 22.09.23)
10.	M.Dhivya	Virtual FDP on Realizing the benefits of Academic Research	Sree Sakthi Engineering College, Coimbatore	6 Days (10.07.23 – 15.07.23)
11.	K.K.Leka	5 Days Faculty Development Program on “Emerging Trends in Data Analytics and Machine Learning”	Karunya Deemed University, Coimbatore	5 Days (18.09.23 – 22.09.23)
12.	C.Abirami	Virtual FDP on Realizing the benefits of Academic Research	Sree Sakthi Engineering College, Coimbatore	6 Days (10.07.23 – 15.07.23)



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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.	Dr.A.Sathish Kumar	One day Webinar on IoT Sensors, Opportunities and Challenges	Coimbatore Institute of Technology, Coimbatore	1 Day (15.07.23)
2.	Dr.G.S.Satheesh Kumar	One day webinar on Acceleration / Incubation opportunities for students and faculties early stage entrepreneurs	Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai	1 Day (22.07.23)
3.	K.Balasubramanian	One day webinar on Patent Filling and Intellectual Property Rights	Dhaanish Ahmed Institute of Technology, Coimbatore	1 Day (13.07.23)
4.	K.Balasubramanian	One day Webinar on IoT Sensors, Opportunities and Challenges	Coimbatore Institute of Technology, Coimbatore	1 Day (15.07.23)
5.	K.Balasubramanian	One day webinar on NIPAM	Intellectual Property office India	1 Day (27.07.23)
6.	T.Yamuna	One day webinar on Patent Filling and Intellectual Property Rights	Dhaanish Ahmed Institute of Technology, Coimbatore	1 Day (13.07.23)
7.	T.Yamuna	One day webinar on NIPAM	Intellectual Property office India	1 Day (27.07.23)
8.	M.Dhivya	One day webinar on Patent Filling and Intellectual Property Rights	Dhaanish Ahmed Institute of Technology, Coimbatore	1 Day (13.07.23)
9.	M.Dhivya	Webinar on IP / Training program on National Intellectual Property Awareness	NIPAM – National IP awareness Mission Intellectual Property of India	1 Day (27.07.23)
10.	M.Dhivya	Webinar on All you need to know about Biomedical Engineering	Biomed, Bro, Salem	1 Day (14.10.23)

S. No	Name Of The Faculty	Name of the Workshop / Seminar / Webinar	Institute	Duration (Date)
11.	K.K.Leka	Workshop on Navigating IPR is “a” V is Emerging Concept of Artificial Intelligence	Amity University, Uttar Pradesh	1 Week (26.06.23 – 01.07.23)
12.	K.K.Leka	National level virtual workshop on Advanced Research Methodology	SRM Institute of Science and Technology, Chennai	2 Weeks (03.07.23 – 18.07.23)
13.	K.K.Leka	Webinar on Illuminating the future: Biochip design with photonics technology	Vellore Institute of Technology, Chennai	1 Day (21.09.23)
14.	N.Ageela	One day webinar on Patent Filling and Intellectual Property Rights	Dhaanish Ahmed Institute of Technology, Coimbatore	1 Day (13.07.23)
15.	N.Ageela	One day Webinar on IoT Sensors, Opportunities and Challenges	Coimbatore Institute of Technology, Coimbatore	1 Day (15.07.23)
16.	N.Ageela	Webinar on IP / Training program on National Intellectual Property Awareness	Intellectual Property office India	1 Day (27.07.23)
17.	M.Mohanavalli	National level virtual workshop on Advanced Research Methodology	SRM Institute of Science and Technology, Chennai	2 Weeks (03.07.23 – 18.07.23)
18.	J.Jaganya	One day webinar on Patent Filling and Intellectual Property Rights	Dhaanish Ahmed Institute of Technology, Coimbatore	1 Day (13.07.23)
19.	J.Jaganya	One day Webinar on IoT Sensors, Opportunities and Challenges	Coimbatore Institute of Technology, Coimbatore	1 Day (15.07.23)
20.	B.Pradeepa	One day webinar on Patent Filling and Intellectual Property Rights	Dhaanish Ahmed Institute of Technology, Coimbatore	1 Day (13.07.23)
21.	C.Abirami	Webinar on IP / Training program on National Intellectual Property Awareness	Intellectual Property office India	1 Day (27.07.23)
22.	C.Abirami	One day Webinar on IoT Sensors, Opportunities and Challenges	Coimbatore Institute of Technology, Coimbatore	1 Day (15.07.23)

FACULTY PARTICIPATION

NPTEL CERTIFICATION

S. No	Name of The Faculty	Title	Score and Grade	Duration
1.	M.Dhivya	Tissue Engineering	Completed (54%)	8 Weeks (July 2023 – September 2023)
2.	K.K.Leka	Introduction to Cell Biology	Passed (56%)	8 Weeks (August 2023 – October 2023)
3.	B.Pradeepa	Medical Biomaterials	Passed (55%)	8 Weeks (February 2023 – April 2023)



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STUDENT PARTICIPATION

PRIZES / AWARDS WON

S. No	Name of the Student	Year / Sem	Title of the Event	Name of the Institution Organized	Date	Award / Prize
1.	RAMAPANDIAN. M	II / III	SIT-SCIHUM-23	Sri Sairam Institute of Technology Chennai	30.06.2023	Second Prize

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.	GOWTHAM .D	III / V	One Day International Workshop on Biomaterials For Tissue Engineering And Drug Delivery	MIT Campus Chennai	Inter National	21.07.23	One Day
2.	VIGNESH.M	III / V	One Day International Workshop on Biomaterials For Tissue Engineering And Drug Delivery	MIT Campus Chennai	Inter National	21.07.23	One Day

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3.	RENUGADEVI. D	III / V	One Day International Workshop on Biomaterials For Tissue Engineering And Drug Delivery	MIT Campus Chennai	Inter National	21.07.23	One Day
4.	BHARANI PRAKASH.P	III / V	One Day International Workshop on Biomaterials For Tissue Engineering And Drug Delivery	MIT Campus Chennai	Inter National	21.07.23	One Day
5.	DARSHAN. K	II / III	One day National Level Workshop on Data Analytics With Python	Karpagam College Of Engineering	Inter National	28.07.23	One Day
6.	SHANKAR.M	III / V	One day National Level Workshop on Basic of Microcontroller	VIT Technology Business Incubator	National	29.07.23	One Day
7.	DARSHAN.K	II / III	One Day National Level Hands-on Session on Application Development With Low Code No Code	Karpagam College of Engineering Coimbatore	National	30.08.23	One Day
8.	HARINI.M	II / III	One Day National Level Hands-on Session on Application Development With Low Code No Code	Karpagam College of Engineering Coimbatore	National	30.08.23	One Day
9.	SHALINI.V	II / III	One Day National Level Hands-on Session on Application Development With Low Code No Code	Karpagam College of Engineering Coimbatore	National	30.08.23	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
10.	ANANTHAN PARTHIPAN.G	III / V	Two Days Workshop on Medical Data Analysis Using Machine Learning And Deep Learning Techniques	SRM Institution of Science & Technology Chennai	National	04.09.23 - 05.09.23	Two Days
11.	JEGAHEESH.S	III / V	Two Days Workshop on Medical Data Analysis Using Machine Learning And Deep Learning Techniques	SRM Institution of Science & Technology Chennai	National	04.09.23 - 05.09.23	Two Days
12.	ABINESH.M	III / V	Two Days Workshop on Medical Data Analysis Using Machine Learning And Deep Learning Techniques	SRM Institution of Science & Technology Chennai	National	04.09.23 - 05.09.23	Two Days
13.	GIRIPRHSANT H.S	III / V	Two Days Workshop on Medical Data Analysis Using Machine Learning And Deep Learning Techniques	SRM Institution of Science & Technology Chennai	National	04.09.23 - 05.09.23	Two Days
14.	EZHILARASU. S	III / V	Two Days Workshop on Medical Data Analysis Using Machine Learning And Deep Learning Techniques	SRM Institution of Science & Technology Chennai	National	04.09.23 - 05.09.23	Two Days
15.	SHIVANIKA.S	II / III	Workshop on IoT in Healthcare	SNS College of Technology Coimbatore	National	13.09.23	One Day

S. No.	Name of the Student	Year / Sem	Name of the Event	Name of the Institution organized	National / International Level	Date	Duration
16.	SEETHA.S	II / III	Workshop on IoT in Healthcare	SNS College of Technology Coimbatore	National	13.09.23	One Day
17.	PRIYADHARSHINI.S	II / III	Workshop on IoT in Healthcare	SNS College of Technology Coimbatore	National	13.09.23	One Day
18.	PUGAZHMATHI.P	II / III	Workshop on IoT in Healthcare	SNS College of Technology Coimbatore	National	13.09.23	One Day
19.	DHARMENDRA KUMAR	II / III	Workshop on IoT in Healthcare	SNS College of Technology Coimbatore	National	13.09.23	One Day
20.	VALAVAN.V	II / III	Workshop on IoT in Healthcare	SNS College of Technology Coimbatore	National	13.09.23	One Day
21.	KEERTHANA.S	II / III	Workshop on IoT in Healthcare	SNS College of Technology Coimbatore	National	13.09.23	One Day
22.	DURGANANDHINI.P	II / III	One day Workshop With Hands on Training on E-Vehicle Design	PGP College of Engineering And Technology Namakkal	National	15.09.23	One Day
23.	SAMPOORAM.M	II / III	One day Workshop With Hands on Training on E-Vehicle Design	PGP College of Engineering And Technology Namakkal	National	15.09.23	One Day
24.	THRISHA.R	II / III	One day Workshop With Hands on Training on E-Vehicle Design	PGP College of Engineering And Technology Namakkal	National	15.09.23	One Day

S. No.	Name of the Student	Year / Sem	Name of the Event	Name of the Institution organized	National / International Level	Date	Duration
25.	VELLIMALAR.M	II / III	One day Workshop With Hands on Training on E-Vehicle Design	PGP College of Engineering And Technology Namakkal	National	15.09.23	One Day
26.	SRILEKA.M	II / III	One day Workshop With Hands on Training on E-Vehicle Design	PGP College of Engineering And Technology Namakkal	National	15.09.23	One Day
27.	ANANTHI.C	II / III	One day Workshop With Hands on Training on E-Vehicle Design	PGP College of Engineering And Technology Namakkal	National	15.09.23	One Day
28.	RENUGADEVI.D	III / V	One day Workshop on Brain Computer Interface	Pantech solutions Technology Beyond The Dreams Chennai	National	22.09.23	One Day
29.	DARSHAN.K	II / III	Advanced Model Rocketry Workshop	Indian Institute of Space And Technology	National	23.09.23 - 25.09.23	Three Days
30.	KOWSHIK.A	II / III	One day National Level Workshop on Ethical Hacking & Cyber Security	Sree Sakthi Engineering College Coimbatore	National	07.10.23	One Day
31.	MONIKA.C	II / III	One day National Level Workshop on Ethical Hacking & Cyber Security	Sree Sakthi Engineering College Coimbatore	National	07.10.23	One Day

S. No.	Name of the Student	Year / Sem	Name of the Event	Name of the Institution organized	National / International Level	Date	Duration
32.	VASUDEVAN.K	II / III	One day National Level Workshop on Ethical Hacking & Cyber Security	Sree Sakthi Engineering College Coimbatore	National	07.10.23	One Day
33.	KEERTHANA.S	II / III	One day National Level Workshop on Ethical Hacking & Cyber Security	Sree Sakthi Engineering College Coimbatore	National	07.10.23	One Day
34.	VALAVAN.V	II / III	One day National Level Workshop on Ethical Hacking & Cyber Security	Sree Sakthi Engineering College Coimbatore	National	07.10.23	One Day
35.	SOWMIYA.S	II / III	One day National Level Workshop on Ethical Hacking & Cyber Security	Sree Sakthi Engineering College Coimbatore	National	07.10.23	One Day
36.	DHARMENDRA KUMAR	II / III	One day National Level Workshop on Ethical Hacking & Cyber Security	Sree Sakthi Engineering College Coimbatore	National	07.10.23	One Day
37.	AKSHSRA.K	II / III	One day National Level Workshop on Ethical Hacking & Cyber Security	Sree Sakthi Engineering College Coimbatore	National	07.10.23	One Day
38.	RAMYADEVI.M	II / III	One day National Level Workshop on Ethical Hacking & Cyber Security	Sree Sakthi Engineering College Coimbatore	National	07.10.23	One Day

S. No.	Name of the Student	Year / Sem	Name of the Event	Name of the Institution organized	National / International Level	Date	Duration
39.	RENUGADEVI.D	III / V	Online Training on Introduction to Deep Learning	SM Tech Solutions	National	08.10.23	One Day
40.	VASUDEVAN.K	II / III	One day Workshop on AI – Driven Innovations in Biomedical Engineering-Future Frontiers	Mahendra College of Engineering Salem	National	13.10.23	One Day
41.	MONIKA.C	III / V	One day Workshop on AI – Driven Innovations in Biomedical Engineering-Future Frontiers	Mahendra College of Engineering Salem	National	13.10.23	One Day
42.	FAIYAZ. M	III / V	One Day Webinar on Deep Drawing of Sheet Metals	Arasu Engineering College, Kumbakonam	National	13.10.23	One Day
43.	KOWSHIK.A	III / V	Two day National Level Seminar on Design and Fabrication of Thin Film Bio patches for Detecting Bio Parameters in	Dr.N.G.P. Institute of Technology, Coimbatore	National	18.10.23 - 19.10.23	Two Days
44.	VALAVAN.V	III / V	Two day National Level Seminar on Design and Fabrication of Thin Film Biopatches for Detecting Bio Parameters in	Dr.N.G.P. Institute of Technology, Coimbatore	National	18.10.23 - 19.10.23	Two Days

S. No.	Name of the Student	Year / Sem	Name of the Event	Name of the Institution organized	National / International Level	Date	Duration
45.	AKSHARA.K	III / V	Two day National Level Seminar on Design and Fabrication of Thin Film Biopatches for Detecting Bio Parameters in	Dr.N.G.P. Institute of Technology, Coimbatore	National	18.10.23 - 19.10.23	Two Days
46.	SOWMIYA.S	III / V	Two day National Level Seminar on Design and Fabrication of Thin Film Bio patches for Detecting Bio Parameters in	Dr.N.G.P. Institute of Technology, Coimbatore	National	18.10.23 - 19.10.23	Two Days
47.	SARANYA.E	III / V	Two day National Level Seminar on Design and Fabrication of Thin Film Bio patches for Detecting Bio Parameters in	Dr.N.G.P. Institute of Technology, Coimbatore	National	18.10.23 - 19.10.23	Two Days
48.	KABILA.S	III / V	Two day National Level Seminar on Design and Fabrication of Thin Film Bio patches for Detecting Bio Parameters in	Dr.N.G.P. Institute of Technology, Coimbatore	National	18.10.23 - 19.10.23	Two Days
49.	HARISH.V	II / III	Three Days National Level Workshop On 3Dorgan Printing And Bio-Python	Sona College of Technology, Salem	National	23.11.23 - 25.11.23	Three Days

S. No.	Name of the Student	Year / Sem	Name of the Event	Name of the Institution organized	National / International Level	Date	Duration
50.	RITHIKA.M	II / III	Three Days National Level Workshop On 3Dorgan Printing And Bio-Python	Sona College of Technology, Salem	National	23.11.23 - 25.11.23	Three Days
51.	KAVITHASRI.T	II / III	Three Days National Level Workshop On 3Dorgan Printing And Bio-Python	Sona College of Technology, Salem	National	23.11.23 - 25.11.23	Three Days
52.	DHARSHINI.G.J	II / III	Three Days National Level Workshop On 3Dorgan Printing And Bio-Python	Sona College of Technology, Salem	National	23.11.23 - 25.11.23	Three Days
53.	HARINI.S	II / III	One Day workshop on IOT using python and raspberry pi workshop	Top Engineering Mechanics IIT- Madras	National	16.12.23	One Day
54.	DARSHAN.K	II / III	One Day workshop on IOT using python and raspberry pi workshop	Top Engineering Mechanics IIT- Madras	National	16.12.23	One Day
55.	PRADEEPA.S	II / III	One Day workshop on IOT using python and raspberry pi workshop	Top Engineering Mechanics IIT- Madras	National	16.12.23	One Day
56.	VASUDEVAN. K	II / III	One Day workshop on IOT using python and raspberry pi workshop	Top Engineering Mechanics IIT- Madras	National	16.12.23	One Day

S. No.	Name of the Student	Year / Sem	Name of the Event	Name of the Institution organized	National / International Level	Date	Duration
57.	MONIKA. C	II / III	One Day workshop on IOT using python and raspberry pi workshop	Top Engineering Mechanics IIT- Madras	National	16.12.23	One Day

STUDENT PARTICIPATION

NPTEL AND INFOSYS SPRINGBOARD CERTIFICATION

S. No.	Name of the Student	Year / Sem	Name of the Title	Name of the Institution organized	National / International Level	Date	Duration
1.	KOWSHIK.A	II / III	Biomedical Nanotechnology	Elite NPTEL Online Certification	International	Aug-Sep 2023	4 Weeks
2.	SOWMIYA.S	II / III	Biomedical Nanotechnology	Elite NPTEL Online Certification	International	Aug-Sep 2023	4 Weeks

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BIO MEDICAL ENGINEERING

STUDENT PARTICIPATION

Paper / Conference Presentation Details

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.	MADHUMITHA.S	II / III	15th National Level event on Barnstromz 2k'23	-	Hindustan College of Technology, Coimbatore	National	23.10.23 (One Day)
2.	SARANYA. E	II / III	15th National Level event on Barnstromz 2k'23	-	Hindustan College of Technology, Coimbatore	National	23.10.23 (One Day)



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STUDENT PARTICIPATION

Project Presentation Details

S. No.	Name of the Student	Year / Sem	Name of the Symposium / Conference	Name of the Institution organized	National / International Level	Date	Duration
1.	RAMA PANDIAN.M	II / III	TEKOZURA 2K23	Dr.N.G.P Institute of Technology Coimbatore	National	26.08.2023	One Day
2.	DHARSHAN.K	II / III	TEKOZURA 2K23	Dr.N.G.P Institute Of Technology Coimbatore	National	26.08.2023	One 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.	SUNDARAM.K	II / IV	National Level Technical "LINE FOLLOWER"	Indian Institute of Space Science and Technology Thiruvananthpuram, Kerala	13.07.2023	One Day
2.	DARSHAN.K	II / IV	National Level Technical "LINE FOLLOWER"	Indian Institute of Space Science and Technology Thiruvananthpuram, Kerala	13.07.2023	One Day
3.	RAMA PANDIYAN.M	II / IV	National Level Technical "LINE FOLLOWER"	Indian Institute of Space Science and Technology Thiruvananthpuram, Kerala	13.07.2023	One Day
4.	RITHIKA M	II / IV	National Level Technology "Night Sky Hunt Event"	Indian Institute of Space Science and Technology Thiruvananthpuram, Kerala	23.09.2023	One Day
5.	DHARSHINI G.J	II / IV	National Level Technology "Night Sky Hunt Event"	Indian Institute of Space Science and Technology Thiruvananthpuram, Kerala	23.09.2023	One Day
6.	RAMA PANDIYAN.M	II / IV	National Level Technology "Night Sky Hunt Event"	Indian Institute of Space Science and Technology Thiruvananthpuram, Kerala	23.09.2023	One Day

S. No.	Name of the Student	Year / Sem	Name of the Technical Event attended	Name of the Institution organized	Date	Duration
7.	DARSHAN K	II / IV	National Level Technology “Night Sky Hunt Event”	Indian Institute of Space Science and Technology Thiruvananthapuram, Kerala	23.09.2023	One Day
8.	SUNDARAM R	II / IV	National Level Technology “Night Sky Hunt Event”	Indian Institute of Space Science and Technology Thiruvananthapuram, Kerala	23.09.2023	One Day
9.	KAVITHASRI T	II / IV	National Level Technology “Night Sky Hunt Event”	Indian Institute of Space Science and Technology Thiruvananthapuram, Kerala	23.09.2023	One Day
10.	HARANI S	II / IV	National Level Technology “Night Sky Hunt Event”	Indian Institute of Space Science and Technology Thiruvananthapuram, Kerala	23.09.2023	One Day
11.	MADHUMITHA.S	II / III	National Level Technical “KNOWLEDGE QUIZ SERIES ON ELECTRIC VEHICLES-XI”	Karpagam College of Engineering Coimbatore	15.10.2023	One Day
12.	KEERTHANA.S	II / III	National Level Technical “KNOWLEDGE QUIZ SERIES ON ELECTRIC VEHICLES-XI”	Karpagam College of Engineering Coimbatore	15.10.2023	One Day
13.	RAMYA DEVI.M	II / III	National Level Technical “KNOWLEDGE QUIZ SERIES ON ELECTRIC VEHICLES-XI”	Karpagam College of Engineering Coimbatore	15.10.2023	One Day
14.	MONIKA.C	II / III	National Level Technical “KNOWLEDGE QUIZ SERIES ON ELECTRIC VEHICLES-XI”	Karpagam College of Engineering Coimbatore	15.10.2023	One Day

S. No.	Name of the Student	Year / Sem	Name of the Technical Event attended	Name of the Institution organized	Date	Duration
15.	VASUDEVAN.K	II / III	National Level Technical “KNOWLEDGE QUIZ SERIES ON ELECTRIC VEHICLES-XI”	Karpagam College of Engineering Coimbatore	15.10.2023	One Day
16.	PRIYA DHARSHINI.S	II / III	National Level Technical “KNOWLEDGE QUIZ SERIES ON ELECTRIC VEHICLES-XI”	Karpagam College of Engineering Coimbatore	15.10.2023	One Day
17.	SEETHA.S	II / III	National Level Technical “KNOWLEDGE QUIZ SERIES ON ELECTRIC VEHICLES-XI”	Karpagam College of Engineering Coimbatore	15.10.2023	One Day
18.	PUGAZHMATHI.P	II / III	National Level Technical “KNOWLEDGE QUIZ SERIES ON ELECTRIC VEHICLES-XI”	Karpagam College of Engineering Coimbatore	15.10.2023	One Day
19.	SHIVANIKA.S	II / III	National Level Technical “KNOWLEDGE QUIZ SERIES ON ELECTRIC VEHICLES-XI”	Karpagam College of Engineering Coimbatore	15.10.2023	One Day
20.	PRADEEPA.S	II / III	National Level Technical “KNOWLEDGE QUIZ SERIES ON ELECTRIC VEHICLES-XI”	Karpagam College of Engineering Coimbatore	15.10.2023	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 / International Level	Date	Duration
1.	HARISH.V	II / III	The innovate Xpo	Erode Sengunthar Engineering College, Erode	National	21.6.2023	One Day
2.	DHARSHAN. K	II / III	THE INNOVATEX PO'S	Erode Sengunthar Engineering College, Erode	National	21.06.2023	One Day
3.	RAMA PANDIAN.M	II / III	SIT-SCIHUM-23	Sri Sairam Institute of Technology, Chennai	National	30.06.2023	One Day
4.	KOWSHIK.A	II / III	A National Design Thinking Contest & Festival	SNS College of Technology, Coimbatore	National	11.09.2023	One Day



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STUDENT PARTICIPATION

INTERNSHIP / INDUSTRIAL TRAINING

S. No.	Name of the Collaborating Agency With Contact Details	Name of The Participant	From -To
1.	INNOVATIVE MEDICARE SYSTEM, COIMBATORE	GOKILHASHREE M	15.05.2023 – 31.07.2023
2.	INNOVATIVE MEDICARE SYSTEM, COIMBATORE	KANIKA T	15.05.2023 – 31.07.2023
3.	INNOVATIVE MEDICARE SYSTEM, COIMBATORE	KARTHIKA S	15.05.2023 – 31.07.2023
4.	SRI GANAPATHY HEALTHCARE	NAVEENA S	15.05.2023 – 30.07.2023
5.	SRI GANAPATHY HEALTHCARE	SURYAPRIYA K	15.05.2023 – 30.07.2023
6.	SRI GANAPATHY HEALTHCARE	RANJITH KUMAR G	01.06.2023 – 30.07.2023
7.	VINAYAGA MISSION HOSPITAL AND RESEARCH CENTRE, SALEM	KALAIVANI M	29.05.2023 – 29.09.2023
8.	VINAYAGA MISSION HOSPITAL AND RESEARCH CENTRE, SALEM	DHARANI K	29.05.2023 – 29.09.2023
9.	VINAYAGA MISSION HOSPITAL AND RESEARCH CENTRE, SALEM	JANANI V	29.05.2023 – 29.09.2023
10.	VINAYAGA MISSION HOSPITAL AND RESEARCH CENTRE, SALEM	SURESHKUMAR K	29.05.2023 – 29.09.2023

S. No.	Name of the Collaborating Agency With Contact Details	Name of The Participant	From -To
11.	VINAYAGA MISSION HOSPITAL AND RESEARCH CENTRE, SALEM	LOGESH G	29.05.2023 – 29.09.2023
12.	EMINENCE HEALTHCARE, SALEM	ANUSHREE P	05.06.2023 – 05.09.2023
13.	EMINENCE HEALTHCARE, SALEM	MALLESHWARI S	05.06.2023 – 05.09.2023
14.	EMINENCE HEALTHCARE, SALEM	SWETHA K	05.06.2023 – 05.09.2023
15.	EMINENCE HEALTHCARE, SALEM	SHOBHANA M	05.06.2023 – 05.09.2023
16.	GREEN MED TECHNOLOGY, CHENNAI	POORNIMADEVI R	14.06.2023 – 14.09.2023
17.	GREEN MED TECHNOLOGY, CHENNAI	DURGADEVI S	14.06.2023 – 14.09.2023
18.	SPECTRA MEDICAL TECHNOLOGY, CHENNAI	MANIMARAN A	21.06.2023 – 15.12.2023
19.	GREEN MED TECHNOLOGY, CHENNAI	ANITHA T	30.06.2023 – 30.09.2023
20.	GREEN MED TECHNOLOGY, CHENNAI	DHINESH S	30.06.2023 – 30.09.2023
21.	GREEN MED TECHNOLOGY, CHENNAI	SARANYAN K	30.06.2023 – 30.09.2023
22.	GREEN MED TECHNOLOGY, CHENNAI	SNEHA S	30.06.2023 – 30.09.2023
23.	GREEN MED TECHNOLOGY, CHENNAI	SUMANRAJ M	30.06.2023 – 30.09.2023
24.	GREEN MED TECHNOLOGY, CHENNAI	TAMILARASAN S	30.06.2023 – 30.09.2023
25.	GREEN MED TECHNOLOGY, CHENNAI	YOGALAKSHMI T	30.06.2023 – 30.09.2023
26.	MANIPAL HOSPITALS, SALEM	KALAISELVAN K	13.07.2023 – 13.08.2023

S. No.	Name of the Collaborating Agency With Contact Details	Name of The Participant	From -To
27.	SRI GANAPATHY HEALTHCARE	SOWBARANIKAA S	31.07.2023 – 31.10.2023
28.	SRI GANAPATHY HEALTHCARE	KAVIYA S	31.07.2023 – 31.10.2023
29.	CITY HOSPITALS, ERODE	NIVETHA A	01.07.2023 – 08.08.2023
30.	KCATCHU ACADEMY AND TECHNOLOGY, COIMBATORE	ELANGO VAN M	17.08.2023 – 21.09.2023
31.	KCATCHU ACADEMY AND TECHNOLOGY, COIMBATORE	POONGUNDRAN M A	17.08.2023 – 21.09.2023
32.	KCATCHU ACADEMY AND TECHNOLOGY, COIMBATORE	SASIKUMAR E	17.08.2023 – 21.09.2023
33.	KCATCHU ACADEMY AND TECHNOLOGY, COIMBATORE	SANJAY K	17.08.2023 – 21.09.2023
34.	KCATCHU ACADEMY AND TECHNOLOGY, COIMBATORE	YUVARAJ M	17.08.2023 – 21.09.2023
35.	KCATCHU ACADEMY AND TECHNOLOGY, COIMBATORE	NAVEEN S	17.08.2023 – 21.09.2023
36.	SRI SANJEEVI HOSPITAL, KALLAKURICHI,	SENGA A	21.08.2023 – 22.09.2023
37.	GURU KIDNEY CARE CENTER, DHARMAPURI	DHANUSH KUMAR R	25.08.2023 – 25.09.2023
38.	GURU KIDNEY CARE CENTER, DHARMAPURI	KEERTHIVASAN S	25.08.2023 – 25.09.2023
39.	PP SCANS, ERODE	FAIYAZ M	06.09.2023 – 06.10.2023
40.	PP SCANS, ERODE	GOWTHAM RAJA S	06.09.2023 – 06.10.2023
41.	PP SCANS, ERODE	PRAVIN V	06.09.2023 – 06.10.2023

S. No.	Name of the Collaborating Agency With Contact Details	Name of The Participant	From -To
42.	RAJARAJESHWARI HOSPITAL, DINDUGAL	HARIHARASUDHAN S	11.10.2023 – 31.10.2023
43.	RAJARAJESHWARI HOSPITAL, DINDUGAL	KARTHIKEYAN B	11.10.2023 – 31.10.2023
44.	RAJARAJESHWARI HOSPITAL, DINDUGAL	MURUGAN R	11.10.2023 – 31.10.2023
45.	RAJARAJESHWARI HOSPITAL, DINDUGAL	NAVEENKUMAR K	11.10.2023 – 31.10.2023
46.	RAJARAJESHWARI HOSPITAL, DINDUGAL	SIVADASS P	11.10.2023 – 31.10.2023
47.	CITY HOSPITALS, ERODE	NISHA SRI S M	02.10.2023 – 31.10.2023
48.	INFINITY BIOMEDICALS, COIMBATORE	PRAVEEN R	02.10.2023 – 31.10.2023
49.	INFINITY BIOMEDICALS, COIMBATORE	RAGUL M	02.10.2023 – 31.10.2023
50.	INFINITY BIOMEDICALS, COIMBATORE	ILAMVALUTHI S	02.10.2023 – 31.10.2023
51.	INFINITY BIOMEDICALS, COIMBATORE	ARUMUGAM S	02.10.2023 – 31.10.2023
52.	INFINITY BIOMEDICALS, COIMBATORE	MANIKANDAN M	02.10.2023 – 31.10.2023
53.	INFINITY BIOMEDICALS, COIMBATORE	RAJ AARYAN	02.10.2023 – 31.10.2023
54.	INFINITY BIOMEDICALS, COIMBATORE	PRANAV C SHAJI	02.10.2023 – 31.10.2023
55.	INFINITY BIOMEDICALS, COIMBATORE	RAJENDRAN S	02.10.2023 – 31.10.2023
56.	INFINITY BIOMEDICALS, COIMBATORE	NAVEEN KUMAR T	02.10.2023 – 31.10.2023
57.	INFINITY BIOMEDICALS, COIMBATORE	SUBASH S	02.10.2023 – 31.10.2023
58.	INFINITY BIOMEDICALS, COIMBATORE	DHARSHINI S S	02.10.2023 – 31.10.2023

S. No.	Name of the Collaborating Agency With Contact Details	Name of The Participant	From -To
59.	INFINITY BIOMEDICALS, COIMBATORE	PRIYADHARSHINI S	02.10.2023 – 31.10.2023
60.	INFINITY BIOMEDICALS, COIMBATORE	SHANTHINI S	02.10.2023 – 31.10.2023
61.	INFINITY BIOMEDICALS, COIMBATORE	UMAY SALMA S	02.10.2023 – 31.10.2023
62.	INFINITY BIOMEDICALS, COIMBATORE	PAVITHRA S	02.10.2023 – 31.10.2023
63.	INFINITY BIOMEDICALS, COIMBATORE	GODWIN MANOJA A	02.10.2023 – 31.10.2023
64.	INFINITY BIOMEDICALS, COIMBATORE	SWETHA R	02.10.2023 – 31.10.2023
65.	SANDHIYA MUTI-SPECIALITY HOSPITAL	ROJAVARSHINI M	18.05.2023 – 02.06.2023
66.	ABHI SK HOSPITAL, GOBI	GOWTHAM D	22.05.2023 – 09.06.2023
67.	ABHI SK HOSPITAL, GOBI	JEEVANANTHAM S	22.05.2023 – 09.06.2023
68.	ABHI SK HOSPITAL, GOBI	RENUGA DEVI D	22.05.2023 – 09.06.2023
69.	ABHI SK HOSPITAL, GOBI	SARUMATHI K	22.05.2023 – 09.06.2023
70.	ABHI SK HOSPITAL, GOBI	SIVASANGARI S	22.05.2023 – 09.06.2023
71.	ABHI SK HOSPITAL, GOBI	VIGNESH M	22.05.2023 – 09.06.2023
72.	ABHI SK HOSPITAL, GOBI	YASWANTHIKA B P	22.05.2023 – 09.06.2023
73.	MAARUTHI MEDICAL CENTRE AND HOSPITALS, ERODE	ATSHAYA K	19.05.2023 – 07.06.2023
74.	MAARUTHI MEDICAL CENTRE AND HOSPITALS, ERODE	KIRUTHIGA S	19.05.2023 – 07.06.2023

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S. No.	Name of the Collaborating Agency With Contact Details	Name of The Participant	From -To
75.	MAARUTHI MEDICAL CENTRE AND HOSPITALS, ERODE	MADHUMITHA C	19.05.2023 – 07.06.2023
76.	MAARUTHI MEDICAL CENTRE AND HOSPITALS, ERODE	SORNADEVI M	19.05.2023 – 07.06.2023
77.	AMC HOSPITAL, KALLAKURICHI	KAMALNATH R	20.05.2023 – 10.06.2023
78.	AMC HOSPITAL, KALLAKURICHI	KISHORE M	20.05.2023 – 10.06.2023
79.	REVATHI MEDICAL CENTRE, TIRUPUR	ABINESH M	29.05.2023 – 16.06.2026
80.	REVATHI MEDICAL CENTRE, TIRUPUR	EZHILARASU S	29.05.2023 – 16.06.2026
81.	CITY HOSPITAL, ERODE	ANBARASAN B	22.08.2023 – 07.09.2023
82.	CITY HOSPITAL, ERODE	ROBIKA M	22.08.2023 – 07.09.2023
83.	KAUVERY HOSPITAL, TRICHY	NAVEEN KUMAR V	23.05.2023 – 13.06.2023
84.	SUDHA HOSPITAL. ERODE	MANISH PATEL	23.05.2023 – 10.06.2023
85.	SUDHA HOSPITAL. ERODE	SHANKAR M	23.05.2023 – 10.06.2023
86.	CITY HOSPITAL, ERODE	DHIVYA L	26.05.2023 – 09.06.2023
87.	CITY HOSPITAL, ERODE	GIRIPRASANTH S	26.05.2023 – 09.06.2023
88.	CITY HOSPITAL, ERODE	GUNAVATHI N	26.05.2023 – 09.06.2023
89.	CITY HOSPITAL, ERODE	MATHAN A	26.05.2023 – 09.06.2023
90.	CITY HOSPITAL, ERODE	PRIYADHARSHINI M	26.05.2023 – 09.06.2023

S. No.	Name of the Collaborating Agency With Contact Details	Name of The Participant	From -To
91.	SRI SANJEEVI MULTI-SPECIALITY HOSPITAL, KALLAKURICHI	KEERTHIVASAN R	22.05.2023 – 13.06.2023
92.	MAARUTHI MEDICAL CENTRE AND HOSPITALS, ERODE	AJAYKUMAR R	19.05.2023 – 09.06.2023
93.	MAARUTHI MEDICAL CENTRE AND HOSPITALS, ERODE	KARTHICK M	19.05.2023 – 09.06.2023
94.	MAARUTHI MEDICAL CENTRE AND HOSPITALS, ERODE	NITHIP S	19.05.2023 – 09.06.2023
95.	MAARUTHI MEDICAL CENTRE AND HOSPITALS, ERODE	PRAKASH R	19.05.2023 – 09.06.2023
96.	THARANI HOSPITAL, CHENNIMALAI	BHARANI PRAKASH P	18.05.2023 – 03.06.2023
97.	THARANI HOSPITAL, CHENNIMALAI	AKASH RAJ T T	18.05.2023 – 03.06.2023
98.	ANUPRIYA MULTI SPECIALITY HOSPITAL	HEMA J	22.05.2023 – 09.06.2023
99.	ANUPRIYA MULTI SPECIALITY HOSPITAL	KANIMOZHI K	22.05.2023 – 09.06.2023
100.	VALLI ORTHOPEDIC & SPORTS HOSPITAL	ARAVINDH M S	22.05.2023 – 09.06.2023
101.	VALLI ORTHOPEDIC & SPORTS HOSPITAL	JEGADHEESH S	22.05.2023 – 09.06.2023
102.	SRI SANJEEVI MULTI-SPECIALITY HOSPITAL	SAKTHIVEL P	20.05.2023 – 10.06.2023
103.	SRI SANJEEVI MULTI-SPECIALITY HOSPITAL	VASANTHA KUMAR S	20.05.2023 – 10.06.2023
104.	CITY HOSPITAL, ERODE	GUHAN RAHUL V	26.05.2023 – 09.06.2023
105.	KAUVERY HOSPITAL, TRICHY, TIRUNELVELI	ANANTHA PARTHIPAN G	29.05.2023 – 16.06.2023



ALUMNI PRESENTATION

1

Bridging Innovation: Biomedical Engineering Opportunities in Electronics on 21.08.23

BHARATH R

Alumnus (2019 - 2023),
Hardware Design Engineer,
Techies Designs Electronics Pvt Ltd, Bangalore.



2

Insights into Cardiac Care: The Role of an ECG Analyst in Modern Healthcare on 20.09.23

SUNDARY D

Alumna (2018 - 2022),
ECG Analysts,
Health watch Telediagnostics Pvt Ltd, Salem.

3

The Impact of Clinical Engineering on Patient Safety and Care

30.10.23

R.SANJAY

Alumnus (2019 - 2023)
Clinical Systems Engineer, Optum
HealthCare, Bangalore)



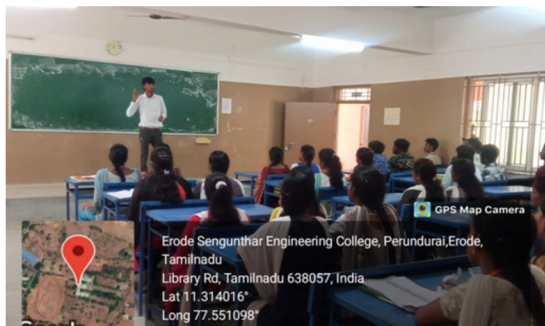
4

The Role of a Sales Engineer: Bridging Technology and Business

06.11.23

Mr. K. PRATHAP

Alumnus (2018 - 2022),
Sales Engineer, Ababil Healthcare,
Chennai.



Industry Institute Partnership Cell (IIPC) is in focus of connecting and fulfilling the gap between Industry and Institute. IIP Cell has been formed for the mutual benefits of students and the industry.

Research and Development Cell aims at motivating the faculty and students to bring out their innovative ideas through research. This Cell assists and guides students to apply for funding to carry out research under students project schemes from various funding agencies like TNSCST, AICTE, DST, BRNS, FAER, etc.



Indian Institute of Technology - IIT Bombay had approved our College as Remote Center to conduct workshops, seminars, conferences, guest lectures, Faculty Development Programmes etc. for students and faculty.



A Hi-Tech Language Laboratory has been established to expose the audio and video related pronunciation, articulation, modulation, expression, communication to the students.



Quality Improvement Cell is formed to improve the teaching learning process. This Cell co-ordinates with Centre for Faculty Development, Anna University, Chennai to ensure that faculty and students are exposed to various resources like NPTEL Voice Tutorial by IIT, Bridge Course CDs given through DOTE, spoken tutorial by IIT, Bombay, etc



ESEC IAS Academy is functioning in our College to cater the needs of IAS and Other Govt. services aspiring students. Regular coaching have been conducted for needy students

Career Guidance Cell extends service for the students' to learn about their career in the higher education of the students in India and abroad, guiding students for competitive examinations like GATE, GMAT etc.

Entrepreneurship Development Cell has been functioning in the College since 2005. The Cell invites the business legends to deliver guest lectures and guidance to become a successful entrepreneur.

Every Department is collaborated with relevant professional bodies for the holistic development of the students.



e-Yantra Lab was established in association with IIT Bombay.
eLSI provides: guidance and support for establishing robotics
labs - three robotic kits are given to each participating college
and a two-phased training for teachers:

National Programme on Technology Enhanced Learning Centre has been established for students who can listen to video lectures of eminent Professors of IITs, and IISc.



The students have the freedom to choose their domain of interest and be the member of the respective club. The club will be mentored by faculty members.