



SCHOOL OF ELECTRICAL AND COMMUNICATION

DEPARTMENT OF BIOMEDICAL ENGINEERING

Inferential Statistical of Interim Feedback Report

Summer Semester

Academic Year 2024-2025

A statistical analysis was conducted for the Summer Semester 2024–2025 to evaluate student feedback scores aimed at academic enhancement. The analysis includes feedback from 35 different courses, comprising Program Core, Program Electives, Specialization Electives, Laboratory courses, and Reregistration courses.

Observations from the Faculty Feedback Score:

S.No	Course Category	Total No. of Courses	Average Score
1	Program core	8	4.4
2	Program Elective	7	4.6
3	Laboratory courses	10	4.54
4	Reregistration courses	10	4.58

Overall, the feedback from students across all program courses demonstrates strong academic delivery with high faculty performance in both core and elective subjects. Laboratory courses, though mostly well-received, require attention in areas like DSP and NLP labs. Two re-registration labs scored the lowest (3.5 and 3.7), suggesting a need for improved engagement or support in those areas.



Measures to Improve the Feedback Score

- Active learning strategies will be consistently implemented across all courses to enhance student engagement, with particular attention to supporting slow learners and ensuring inclusive participation.
- Regular and structured course feedback will be collected through Mentors, and prompt corrective actions will be taken to address student concerns and improve teaching effectiveness.
- Technical workshops and industrial visits aligned with core and elective subjects will be organized to enhance students' practical understanding and technical competence, thereby increasing overall satisfaction.


Faculty In-charge/BME

Dr. S. HEMA


HoD/BME


DEAN/SoEC

Dr. R.S. Valarmathi
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Vel Tech
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(Deemed to be University Estd. u/s 3 of UGC Act, 1956)



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Summary of Students Feedback Score

(2024-2025 Summer Semester)

S.No	Course Code	Course Name	Faculty Name	Feedback Score
1	10211BME207	Programming Essentials in Python (Reregistration)	Dr. A Paramasivam	4.6
2	10211BME207	Programming Essentials in Python	Dr. A Paramasivam	4.5
3	10212BM304	Computer Vision (Reregistration)	Dr. A Paramasivam	5
4	10213BM301	Biomedical Laboratory	Dr. Thiyan Deepa Beeta	4.6
5	10211BM103	Electric Circuit Theory (Reregistration)	Dr.S.Hema	5
6	10211BM302	Analog and Digital Integrated Circuits Lab	Dr.S.Hema	4.4
7	10211BM103	Electric Circuit Theory	Dr.S.Hema	4.4
8	10211BM201	Pathology and Microbiology	Dr.K.Ganeshlenin	4.4
9	10211BM202	Artificial Neural Network(Reregistration)	Dr.M.Muthalakshmi	5
10	10211BM203	Bio Mechanics	Dr. Padmanabha Sharma	4.5
11	10211BM204	Image Processing (Reregistration)	Dr.G Saranya	4
12	10211BM301	Biochemistry and Physiology Lab	Dr.E.Madeshwari	4.5
13	10211BM301	Biochemistry and Physiology Lab	Dr.E.Madeshwari	4.5
14	10211BM302	Analog and Digital Integrated Circuits Lab	Dr.G Saranya	4.6



15	10211BM305	Digital Signal Processor Lab	Dr.M.Muthalakshmi	4.3
16	10211BM305	Digital Signal Processor Lab	Dr.M.Muthalakshmi	4.4
17	10211BM306	Biomedical Instrumentation Lab	Dr.P Arunachalam	4.5
18	10211BM306	Biomedical Instrumentation Lab	Dr.P Arunachalam	4.6
19	10212BM104	Body Area Network	Dr.N.M Masoodhu Banu	5
20	10212BM105	Introduction to Nano Technology	Dr.E.Madeshwari	4.6
21	10212BM106	Rehabilitation Engineering	Dr.Thiyam Deepa Beeta	4.9
22	10212BM107	Robotics in Medicine	Dr.M.Muthalakshmi	4.2
23	10212BM109	Introduction to Machine Learning	Dr.G Saranya	4.7
24	10212BM110	Natural Language Processing (Reregistration)	Dr.Thiyam Deepa Beeta	3.7
25	10212BM122	High Performance Computing (Reregistration)	Dr.Thiyam Deepa Beeta	3.5
26	10212BM123	Computer Vision	Dr.N.M Masoodhu Banu	4.1
27	10212BM206	Deep Learning Fundamentals	Dr.Kishore Kanna R	4.7
28	10211BM101	Anatomy and Human Physiology	Dr.Thiyam Deepa Beeta	4.5
29	10211BM102	Analog and Digital Integrated Circuits	Dr.P Arunachalam	4.4
30	10211BM102	Analog and Digital Integrated Circuits (Reregistration)	Dr.P Arunachalam	5
31	10211BM107	Microcontroller and Digital Signal Processor Lab (Reregistration)	Dr. A Paramasivam	5
32	10211BM108	Digital Signal Processing	Dr.M.Muthalakshmi	4.4



33	10211BM109	Biomaterials	Dr.K.Ganeshlenin	5
34	10211BM112	Radiological Equipments	Dr.Thiyam Deepa Beeta	4.4
35	10211BM113	Biomaterial Application	Dr.K.Ganeshlenin	4.4

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