Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

SCHOOL OF ELECTRICAL AND COMMUNICATION

DEPARTMENT OF BIOMEDICAL ENGINEERING

Inferential Statistical of Interim Feedback Report

Winter Semester

Academic Year 2024-2025

A statistical analysis was conducted for the Winter Semester 2024–2025 to evaluate student feedback scores aimed at academic enhancement. The analysis includes feedback from 26 different courses, comprising Program Core, Program Electives, Project, Laboratory courses, and Re-registration courses.

Observations from the Faculty Feedback Score:

S.No	Course Category	Total no. of Courses	Average Score
1	Program core	7	4.4
2	Program Elective	6	4.3
3	Laboratory courses	7	4.38
4	Reregistration courses	6	4.91

- Re-registered courses generally performed better than first-time offerings, showing improved delivery and responsiveness to feedback.

- The analysis reflects very positive academic performance across core and elective courses. Faculty engagement, especially in program electives and re-registered labs, is commendable. While the overall average is high, targeted support and enhancements in specific core areas will further elevate the department's academic delivery.

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Measures to Improve the student Feedback Scores

- Faculty members will be encouraged to actively participate in Active Learning Methodology (ALM)-based Faculty Development Programs, e-content development training, and MOOC courses to enhance their teaching effectiveness and student engagement.
- Active learning strategies will be consistently implemented to promote student participation and engagement, with a special focus on addressing the needs of slow learners.
- Regular special classes will be planned and conducted to provide additional academic support for slow learners.
- Mentor–mentee meetings will be held periodically to track the academic performance of both fast and slow learners, enabling timely interventions and improved outcomes.
- Industry–Higher Education (IHL) courses will be introduced to provide students with practical, hands-on experience aligned with current industry practices and expectations.

Faculty In-charge/BME

Dr. S. HEMA

for 12/6/25

HoD/BME

12/6

DEAN/SoEC

Dr. R.S.Valarmathi
Dean - School of Electrical and Communication

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Summary of Students Feedback Score

(2024-2025 Winter Semester)

S.No	Course Code	Course Name	Faculty Name	Feedback Score
1	10211BM112	Radiological Equipment	Dr.K.Ganeshlenin	4.6
2	10211BM202	Artificial Neural Network	Dr.M.Muthalakshmi	4.2
3	10211BM204	Image Processing	Dr.G Saranya	4.8
4	10211BM301	Biochemistry and Physiology Lab	Dr.Padmanabha Sharma	4.9
5	10211BM303	Sensor and Transducers Laboratory	Dr.K.Ganeshlenin	4.2
6	10211BM303	Sensor and Transducers Laboratory	Dr.E.Madeshwari	4.2
7	10211BM304	Microcontroller and Digital Signal Processor Lab	Dr. A Paramasivam	4.4
8	10211BM304	Microcontroller and Digital Signal Processor Lab	Dr. A Paramasivam	4.3
9	10211BM307	Diagnostic and Theraupeutic Equipments Laboratory	Dr.Thiyam Deepa Beeta	4.7
10	10211BM307	Diagnostic and Theraupeutic Equipments Laboratory	Dr.Thiyam Deepa Beeta	4.5
11	10212BM101	Hospital Management	Dr.P Arunachalam	4.7
12	10212BM102	TeleHealth Technology	Dr.E.Madeshwari	4.6
13	10212BM109	Introduction to Machine Learning	Dr. A Paramasivam	5
14	10212BM110	Natural Language Processing	Dr.M.Muthalakshmi	4.4
15	10212BM123	Computer Vision	Dr.P Arunachalam	4.6
16	10212BM125	Computing Architecture of	Dr.N.M Masoodhu Banu	4.3

		Deep Learning		
17	10212BM201	Digital Imaging and Communication in Medicine	Dr.G Saranya	4.9
18	10212BM202	Brain Computer Interface	Dr.Thiyam Deepa Beeta	4.6
19	10212BM304	Essential Python Module for Machine Learning lab	Dr. A Paramasivam	5
20	10212BM304	Essential Python Module for Machine Learning lab	Dr. A Paramasivam	5
21	10214BM701	Major Project	Dr.N.M Masoodhu Banu	4.4
22	10211BM103	Electric Circuit Theory	Dr.N.M Masoodhu Banu	5
23	10211BM105	Biosensor & Transducer	Dr.K.Ganeshlenin	4.3
24	10211BM106	Control Systems	Dr.S.Hema	4.3
25	10211BM107	Microcontroller and Digital Signal Processor	Dr.D.Balasubramaniam	4.1
26	10211BM111	Diagnostic and Therapeutic Equipments	Dr.Thiyam Deepa Beeta	4.6

Faculty In-charge/BME
Dr.S.HEMA

for **HoD/BME** 27/6/25

DEAN/SoEC

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