## School of Computing
## Department of Computer Science and Engineering
## Academic Year: 2023 - 24 / Summer Semester
## Faculty Feedback on Course Handled - Action Taken Report

| S.No | Parameters | Observations | Details | Action Taken |
|---|---|---|---|---|
| 1 | Are the syllabus contents of the course adequate to attain all the course outcomes? | * Well Adequate - 164<br>* Just Adequate - 06<br>* Not Adequate - 01 | 10211CS129-Modern Computer Architecture: CO3 and CO4 are to be revised | The CO's revision proposal was submitted to the Board of Studies. |
| 2 | Are all the prescribed text and reference books of the course available in our library? | * Adequate - 149<br>* Adequate but Less Volume - 20<br>* Inadequate - 02 | **Following books are requested:**<br>**1. 10211CS213 - Python programming.**<br>•Mark Lutz – Learning Python – O'Reilly Publications (20 additional copies)<br>•Eric Matthes – Python Crash Course – No Starch Press (15 additional copies)<br>**2.10211CS207 – Database Management Systems**<br>•Abraham Silberschatz – Database System Concepts – McGraw Hill (10 additional copies)<br>•Raghu Ramakrishnan – Database Management Systems – McGraw Hill (8 additional copies)<br>**3.10211CS129 – Modern Computer Architecture** | Requisition of the mentioned Text books has been already submitted to the Central Library |

| | | | | |
|---|---|---|---|---|
| | | | David A. Patterson & John L. Hennessy – Computer Organization and Design – Morgan Kaufmann (10 additional copies)<br>**4.10212CS211 - Artificial Intelligence Techniques.**<br>•Stuart Russell & Peter Norvig – Artificial Intelligence: A Modern Approach (5 additional copies) | |
| 3 | Adequateness of the total number of periods allotted to complete the delivery of the course contents | * High - 121<br>* Moderate - 48<br>* Low - 02 | Courses with Insufficient Time<br>10211CS129 – Modern Computer Architecture<br>10211CS207 – Database Management Systems | Course contents are adequate and course plan has been prepared and verified with the sufficiency of the allocated hours |
| 4 | Extent of pre-requisite knowledge of students with respect to learning of this course contents | * Excellent - 120<br>* Good - 51<br>* Poor - 0 | Courses and Areas Identified:<br>10211CS207 – Database Management Systems<br>•Students required stronger foundation in Data Structures<br>10211CS129 – Modern Computer Architecture<br>•Students required stronger understanding of Digital Logic | Data Structures concepts have been mapped to the Course contents to set as the pre-requisite |
| 5 | Freedom in accessing appropriate teaching aids for delivering the course | * Excellent - 141<br>* Good - 30<br>* Poor - 0 | Overall feedback is good | |
| 6 | Classroom ambiance for students' learning | * Excellent - 147<br>* Good - 24<br>* Poor - 0 | Overall feedback is good | - |
| 7 | Accessibility of e-learning resources for the students | *Excellent - 141<br>* Good - 30<br>* Poor - 0 | Overall feedback is good | - |
| 8 | Have you attended any faculty development programme for this | * More than 2 - 24<br>* 1 to 2 - 129<br>* NIL - 18 | Faculty handling following courses required more FDP participation:<br>10211CS129 – Modern Computer | Faculty encouraged to attend FDPs conducted by:<br>• NPTEL |

| | | | | |
|---|---|---|---|---|
| | course? | | Architecture<br>10211CS213 – Python Programming<br>10211CS207 – Database Management Systems | • AICTE<br>• ATAL Academy |
| 9 | Effectiveness of continuous assessments with respect to measurement of course outcomes | * More effective - 168<br>* Less effective - 03<br>* Not effective - 0 | Overall feedback is good | - |
| 10 | General Suggestions | - | *10211CS129 – Modern Computer Architecture: COs and learning resources shall be revised.<br><br>*10211CS103 – Operating Systems : Need to conduct hands-on workshop<br><br>* 10211CS207 – Database Management Systems : Need to change DBMS syllabus as Data Engineering Paper-1 and Paper-2<br><br>* 10211CS102 – Data Structures : Need more tutorial problems and in-depth learning. | * Course Outcomes and learning resources were reviewed and revised. Updated reference books, NPTEL lectures, and additional digital learning materials were included to improve student understanding.<br><br>*Hands-on workshops on Linux, process management, and memory management were conducted to enhance practical exposure.<br><br>*The syllabus revision proposal was submitted to the Board of Studies. Advanced topics such as Data Engineering, Big Data tools, and modern database architectures were recommended for inclusion.<br><br>*Additional tutorial classes, practice problems, and coding exercises were introduced. |

HOD - CSE

Head of the Department
Computer Science and Engineering
Vel Tech
Rangarajan Dr. Sagunthala

FME – School of Computing

Action Taken for the Academic Year 2023-24 (Summer Semester)

| Course Code | Course Title | Suggestions/Comments by Faculty | Action Taken |
|---|---|---|---|
| 10210CS101 | Problem Solving using C | Students tend to jump directly to coding without developing a clear problem-solving strategy. | Pseudocode writing and step-by-step problem analysis were made mandatory before program implementation. |
| 10210CS102 | Computational Thinking for Problem Solving | Students depend on ready-made solutions rather than developing their own logic. | Problem-based assignments are given to the students |

Course Coordinator

Dean FME

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology

## School of Electronics and Communication
## Department of Electronics and Communication Engineering
### Action Taken for the Academic Year 2023-24 - Summer Semester

| S. No. | Course Code | Course Title | Suggestions/Comments given by the faculty members | Action Taken |
|---|---|---|---|---|
| 1. | 10211EC111 | Discrete Time Signal Processing | • A programme elective on Quantum Computing can be offered. | Suggestions are discussed in DAC for further action |
| 2. | 10211EC114 | VLSI Design | • A programme elective on Reconfigurable System Design can be offered.<br>• A programme elective on VLSI Chip Design can be offered. | |
| 3. | 10211EC202 | Internet of Things | • A programme elective on IoT security can be offered.<br>• A programme elective on Industry 4.0 and IIoT can be offered | |

3/1/24

Coordinator

03/01/2024

HoD-ECE

Dr.A. Selwin Mich Priyadharson
Head of the Department
Electronics & Communication Engineering
Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology

**SCHOOL OF ELECTRICAL AND COMMUNICATION**

**ELECTRICAL AND ELECTRONICS ENGINEERING**

Action taken report on Faculty feedback 2023-24 (Summer semester)

| **Course code** | **Course name** | **Suggestions/ comments by faculty** | **Action taken** |
|---|---|---|---|
| 10211EE107 | Transmission and Distribution | Inadequacy in the total number of periods allotted to complete the course content. | This will be discussed in the upcoming BoS meeting, and the possibility of syllabus revision will be examined. |
| 10213EE133 | Electric Propulsion System and Control | Prescribed textbooks are not available in the central library. | The list of books to be purchased was submitted to central library for further action |
| 10211EE201 | Electromagnetic Fields | Inadequacy in the total number of periods allotted to complete the course content. | This will be discussed in the upcoming BoS meeting, and the possibility of syllabus revision will be examined. |
| 10211EE112 | Microprocessor and Microcontrollers | More recent trending topics can be included in the syllabus. | This will be discussed in the upcoming BoS meeting, and the possibility of syllabus revision will be examined |
| 10213EE126 | Wind Energy Technology | FDPs related to this course have not been attended. | Faculty members are advised to attend ATAL FDPs/NPTEL relevant to the course. |

Dr. S. Ramesh

FRESHMAN ENGINEERING

FME-ECE,EEE

Analysis and Action Taken Report of Faculty Feedback on Courses Handled

Academic Year 2023-24 (Summer Semester)

| Sl. No. | Course offered to | Course Code | Course Title | Faculty Feedback Report | Action taken |
|---|---|---|---|---|---|
| 1 | B.Tech. - I Year | 10210EE201 | Basic Electrical, Electronics and Measurement Engineering | Course Content is vast and cannot able to complete within the credit hours<br><br>Teaching methodology likely to enhance<br><br>Limited collaborative learning | Revised optimal course content is recommended as per the committee for the upcoming BoS<br><br>Blended learning with ICT tools, discussions, and activity-based learning will be adopted<br><br>Group activities, seminars, and student presentations |

FME – Coordinator

Dean FME

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**

**Action Taken for the Academic Year 2023-24 (Summer Semester)**

| Course Code | Course Title | Suggestions/Comments by Faculty | Action Taken |
|---|---|---|---|
| 10211BM102 | Analog and Digital Integrated Circuits | A basic electronics course is required for prerequisite | To be included in the upcoming regulation |
| 10211BM306 | Biomedical instrumentation lab | Servicing of some equipment takes time | Already informed the lab in-charge to inform the supplier |

**Feedback Co-ordinator** **IQAC Co-ordinator** **HoD/BME**

Dr. D. Balasubramaniam
Head of the Department
Biomedical Engineering
Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology

Vel Tech
Rangarajan Dr. Sagunthala

**Faculty Feedback on CBCS curriculum**
**Academic Year: 2023-2024**

| S.No | Name of the Faculty | Contents of the course adequate to attain all the course outcomes? | Are all the prescribed text and reference books of the course available in our library? | Adequateness of the total number of periods allotted to complete the delivery of the course contents | Extent of pre-requisite knowledge of students with respect to learning of this course contents | Freedom in accessing appropriate teaching aids for delivering the course | Classroom ambiance for students' learning | Accessibility of e-learning resources for the students | Effectiveness of continuous assessments with respect to measurement of course outcomes |
|---|---|---|---|---|---|---|---|---|---|
| 1. | Dr.K. Tarangini | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 |
| 2. | Dr. Jeyanthi Palanivelu | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 |
| 3. | Dr.S. Chandramohan | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 |
| 4. | Dr. J.S.S. Allwin E | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 |
| 5. | Dr. Bisheswar Karmakar | 4 | 3 | 4 | 4 | 4 | 4 | 3 | 4 |
| 6. | Dr.R.S. Achsah | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 4 |
| 7. | Dr. S. Senthil Kumar | 4 | 3 | 4 | 4 | 4 | 4 | 3 | 4 |
| 8. | Dr.G. Prasannamedha | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 4 |
| 9. | Dr.R. Sai Nandhini | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 10. | Ms.R. Nirmala Nithya | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 11. | Dr V Suguman | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 |
| 12. | Dr S. Shobana | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 |


***Inference:*** Enhancing the curriculum with a stronger emphasis on career services and industry connections would facilitate students' transfer into the workforce. The current pedagogical approaches and instructional resources are highly efficient in communicating intricate ideas. The curriculum integrates many pedagogical approaches, encompassing interactive lectures, practical laboratory exercises, and case studies. This inclusive methodology accommodates various learning modalities and amplifies student involvement and comprehension.

***Areas of improvement:***

Periodically evaluate and revise the syllabus and curriculum to ensure they align with current technological breakthroughs and instructional requirements.

20/12/24

20/12

Dr R. Azhagu Saravana Babu
Head of the Department
Biotechnology

Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology
SCHOOL OF ELECTRICAL AND COMMUNICATION
DEPARTMENT OF BIOTECHNOLOGY
Faculty Feedback on Course Curriculum
Academic Year (2023-24) SUMMER

| Faculty ID. | 3515 | 2809 | 2409 | 2409 | 3385 | 3385 | 3761 | 3761 | 3761 | 3761 |
|---|---|---|---|---|---|---|---|---|---|---|
| Faculty Name | Dr. [illegible] A. S. | Mrs. Nirmala Nithya. R | Mrs. R. Nirmala Nithya | Mrs. R. Nirmala Nithya | Dr. R.SAI NANDHINI | Dr. R. SAI NANDHINI | Dr S.Shobana | Dr S.Shobana | Dr S.Shobana | Dr S.Shobana |
| School | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication |
| Department | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology |
| Course Code | 10212BT104 | 10211BT510 | 10211BT116 | 10211BT307 | 10212BT113 | 10211BT304 | 10212BT117 | 10211BM101 | 10211BT305 | 10212BT139 |
| Course Title | Agricultural Biotechnology | METABOLIC ENGINEERING | IMMUNOLOGY AND IMMUNOTECHNOLOGY | METABOLIC ENGINEERING | Enzyme technology and Biotransformation | Molecular biology and genetic engineering lab | Biopharmaceutical Technology | Biology for Engineers | Molecular biology lab | Biomechanics |
| No. of Section(s)/ Slot(s) handled the mentioned course | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Are the syllabus contents of the course adequate to attain all the course outcomes? | Well adequate | Well adequate | Well adequate | Well adequate | Well adequate | Well adequate | Well adequate | Well adequate | Well adequate | Just adequate |
| Are all the prescribed text and reference books of the course available in our library? | Adequate titles but less volumes | Inadequate titles & volumes | Adequate titles but less volumes | Adequate titles but less volumes | Adequate titles & volumes | Adequate titles & volumes | Adequate titles & volumes | Adequate titles & volumes | Adequate titles & volumes | Adequate titles but less volumes |
| Specify the title and no.of volumes to be added in library | | Sang Yup Lee and Terry Papoutsakis E., Metabolic Engineering, Marcel Dekker, New York, 1999. -5 | | | | | | | | |
| Adequateness of the total number of periods allotted to complete the delivery of the course contents | Moderate | High | High | High | Moderate | Moderate | Moderate | High | Moderate | High |

| Faculty ID. | 3778 | 1007 | 1007 | 1925 | 1239 | 1239 | 1239 | 3275 | 3275 | 3275 |
|---|---|---|---|---|---|---|---|---|---|---|
| Faculty Name | Dr. LEENA SHARAN [illegible] | Dr. G. PRASANNA [illegible] | Dr. G. PRASANNA [illegible] | Dr. S. Senthil Kumar | [illegible] VALLINAYAGAM | [illegible] VALLINAYAGAM | [illegible] VALLINAYAGAM | Dr. S.Chan[illegible] | Dr. [illegible] | Dr. T. [illegible] |
| School | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication |
| Department | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology |
| Course Code | 10212BT140 | 10211BT112 | 10211BT111 | 10211BT307 | 10212BT133 | 10211BT130 | 10211BT309 | 10211BT314 | [illegible] | [illegible] |
| Course Title | Bionanotechnology | Unit operation s in biotech industry | Downstream processing | Immunology lab | FOOD PRESERVATION, PACKAGING TECHNOLOGIES | PRECISION AGRICULTURAL BIOTECHNOLOGY | Downstream Processing Laboratory | Green Biotechnology & Pollution Abatement | Biomems Engineering | Biomaterials Engineering |
| No. of Section(s)/ Slot(s) handled the mentioned course | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Are the syllabus contents of the course adequate to attain all the course outcomes? | Well adequate | Well adequate | Well adequate | Well adequate | Well adequate | Well adequate | Well adequate | Well adequate | Well adequate | Well adequate |
| Are all the prescribed text and reference books of the course available in our library? | Adequate titles & volumes | Adequate titles & volumes | Adequate titles & volumes | Adequate titles & volumes | Adequate titles & volumes | Adequate titles & volumes | Adequate titles & volumes | Adequate titles & volumes | Adequate titles & volumes | Adequate titles & volumes |
| Specify the title and no.of volumes to be added in library | | | | | | | | | | |
| Adequateness of the total number of periods allotted to complete the delivery of the course contents | High | Moderate | Moderate | High | High | High | High | Moderate | Moderate | High |

Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology
SCHOOL OF ELECTRICAL AND COMMUNICATION
DEPARTMENT OF BIOTECHNOLOGY
Faculty Feedback on Course Curriculum
Academic Year (2023-24)

| Faculty ID. | 3513 | 2409 | 2409 | 2409 | 2285 | 2285 | 3761 | 3761 | 3761 | 3761 |
|---|---|---|---|---|---|---|---|---|---|---|
| Faculty Name | Dr. Achsah. R. S. | Mrs. Nirmala Nithya. R | Mrs. R. Nirmala Nithya | Mrs. R. Nirmala Nithya | Dr. R SAI NANDHINI | Dr. R. SAI NANDHINI | Dr.S.Shobana | Dr.S.Shobana | Dr.S.Shobana | Dr.S.Shobana |
| School | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication |
| Department | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology |
| Course Code | 10212BT104 | 10211BT115 | 10211BT116 | 10211BT307 | 10212BT113 | 10211BT304 | 10212BT117 | 10211BM101 | 10211BT305 | 10212BT139 |
| Course Title | Agricultural Biotechnology | METABOLIC ENGINEERING | IMMUNOLOGY AND IMMUNOTECHNOLOGY | METABOLIC ENGINEERING | 3Enzyme technology and Biotransformation | Molecular biology and genetic engineering lab | Biopharmaceutical Technology | Biology for Engineers | Molecular biology lab | Biomechanics |
| Extent of pre-requisite knowledge of students with respect to learning of this course contents | Good | Good | Good | Good | Good | Excellent | Excellent | Good | Good | Excellent |
| Freedom in accessing appropriate teaching aids for delivering the course | Good | Good | Good | Good | Good | Good | Excellent | Excellent | Excellent | Excellent |
| Classroom ambiance for students learning | Good | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent | Good | Excellent | Excellent |
| Accessibility of e-learning resources for the students | Good | Excellent | Excellent | Good | Excellent | Excellent | Excellent | Good | Excellent | Excellent |
| Have you attended any faculty development programme for this course? | One to two | One to two | One to two | One to two | More than two | More than two | One to two | One to two | Nil | Nil |
| Reason for not attending | | | | | | | | | relevant FDP program was not organized | FDP relevent to the topic not organized |

| Faculty ID. | 3723 | 3607 | 3607 | 3625 | 3296 | 3296 | 3254 | 3276 | 3276 | 3276 |
|---|---|---|---|---|---|---|---|---|---|---|
| Faculty Name | Dr. LEENA SHARAN V | Dr S PRASANNA ANEDHA | Dr. S PRASANNA ANEDHA | Dr. S. Senthil Kumar | SUGUMARI VALUVAY AGAM | SUGUMARI VALUVAY AGAM | SUGUMARI VALUVAY AGAM | Dr.S.Chandramohan | Dr.CHANDRAMOHAN H.S. | Dr.SUCHANDRAMOHAN |
| School | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication |
| Department | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology |
| Course Code | 10212BT140 | 10211BT112 | 10211BT111 | 10211BT307 | 10212BT133 | 10211BT130 | 10211BT306 | 10211BT114 | 10211BT116 | 10211BT103 |
| Course Title | Bionanotechnology | Unit operations in biotech industry | Downstream processing | Immunology lab | FOOD PRESERVATION, PACKAGING TECHNOLOGIES | PRECISION AGRICULTURAL BIOTECHNOLOGY | Downstream Processing Laboratory | Green Biotechnology & Pollution Abatement | Bioprocess Engineering | Biomaterials Engineering |
| Extent of pre-requisite knowledge of students with respect to learning of this course contents | Excellent | Excellent | Excellent | Good | Good | Excellent | Good | Excellent | Excellent | Excellent |
| Freedom in accessing appropriate teaching aids for delivering the course | Excellent | Excellent | Good | Good | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| Classroom ambiance for students learning | Excellent | Good | Good | Good | Good | Excellent | Excellent | Excellent | Excellent | Excellent |
| Accessibility of e-learning resources for the students | Excellent | Good | Good | Good | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| Have you attended any faculty development programme for this course? | Nil | Nil | One to two | One to two | Nil | Nil | Nil | More than two | Nil | One to two |
| Reason for not attending | Learned the subject in UG and PG curriculum | Yet to attend | | | NIL | NIL | NIL | | Insufficient time | |

Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology
SCHOOL OF ELECTRICAL AND COMMUNICATION
DEPARTMENT OF BIOTECHNOLOGY
Faculty Feedback on Course Curriculum
Academic Year (2023-24)

| Faculty ID | 3515 | 2409 | 2409 | 2409 | 2285 | 2285 | 3781 | 3781 | 3781 | 3781 | 3773 | 3007 | 3007 | 3029 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Faculty Name | Dr [illegible] R. S. | Mrs. Nirmala Nithya. R | Mrs. R Nirmala Nithya | Mrs. R Nirmala Nithya | Dr. R SAI NANDHINI | Dr. R SAI NANDHINI | Dr. S Shobana | Dr. S Shobana | Dr S Shobana | Dr. S Shobana | Dr. LEENA SHARAN V | Dr G PRASANNAMEDHA | Dr. G PRASANNAMEDHA | Dr. S Senthil Kumar | [illegible] B VALLINAYAGAM | [illegible] B VALLINAYAGAM | [illegible] B VALLINAYAGAM | Dr. [illegible] | Dr. [illegible] KAMISHA H [illegible] | Dr. [illegible] [illegible]HAN |
| School | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication |
| Department | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology |
| Course Code | 10212BT104 | 10211BT113 | 10211BT116 | 10211BT307 | 10212BT113 | 10211BT304 | 10212BT117 | 10211BM101 | 10211BT305 | 10212BT139 | 10212BT140 | 10211BT112 | 10211BT111 | 10211BT307 | 10212BT133 | [illegible]30 | [illegible]05 | 10211BT114 | [illegible]10 | [illegible]03 |
| Course Title | Agricultural Biotechnology | METABOLIC ENGINEERING | IMMUNOLOGY AND IMMUNOTECHNOLOGY | METABOLIC ENGINEERING | 3Enzyme technology and Biotransformation | Molecular biology and genetic engineering lab | Biopharmaceutical Technology | Biology for Engineers | Molecualr biology lab | Biomechanics | Bionanotechnology | Unit operations in biotech industry | Downstream processing | Immunology lab | FOOD PRESERVATION, PACKAGING TECHNOLOGIES | PRECISION AGRICULTURAL BIOTECHNOLOGY | Downstream Processing Laboratory | Green Biotechnology & Pollution Abatement | Bioprocess Engineering | Biomaterials Engineering |
| Effectiveness of continuous assessments with respect to measurement of course outcomes | More effective | More effective | More effective | More effective | More effective | More effective | More effective | More effective | More effective | More effective | More effective | More effective | More effective | More effective | More effective | More effective | More effective | More effective | More effective | More effective |
| Give your valuable suggestions for the improvement of continuous assessments with respect to measurement of course outcomes | Field visits for practically understanding the course | A model exam can be conducted by covering all CO | A model exam covering all CO can be conducted | Two model lab exams can be conducted | Good | Lab hours can be increased | Subject Hours can be increased | NIL | Increase the lab hours | NIL | NIL | Nil | Nil | WESTERN BLOT UNIT ONE MORE REQUIRE | Improve the syllabus content | Modify the syllabus | GOOD | The syllabus can be updated with current trend | Syllabus can be changed | Continuous assessment should be improved. The patten should be changed to MCQ |

Vel Tech
Rangarajan Dr. Sagunthala R&D Institute of Science and Technology

# Department of Aeronautical Engineering
# Faculty Feedback on Course – Summer 2023-24

The departmental meeting convened on November 17, 2023, to evaluate faculty feedback, which showed high satisfaction in several key areas. Specifically, access to teaching aids, e-learning materials, and the effectiveness of continuous assessment practices all received 100% positive ratings. However, the analysis highlighted a need for improvement in syllabus adequacy (88%) and the time allocated for delivering course content (76%).

| S. N | Issue Identified | Affected Courses | Action Taken / Recommended |
|---|---|---|---|
| 1 | **Syllabus Pacing:** Insufficient time for comprehensive coverage and problem-solving exercises. | Airplane Performance, Thermodynamics and Heat Transfer | Allotted extra hours for syllabus completion and scheduled additional sessions dedicated to problem-solving. |
| 2 | **Resource Gaps:** A requirement for more reference books to cover updated subject matter. | Unmanned Systems | Procurement of titles by Lennon (1996) and Austin (2011) is planned for the next budget cycle to bolster library resources. |
| 3 | **Time Allocation:** Total hours assigned are inadequate for the breadth of the syllabus. | Airplane Performance | Assigned activity hours for immediate relief; proposed a formal syllabus revision for the next Board of Studies (BoS) meeting. |
| 4 | **Student Readiness:** Students lack the necessary foundational knowledge for advanced topics. | Thermodynamics and Heat Transfer, Unmanned Systems | Proposed moving basic thermodynamics to the first year and rescheduling advanced courses to later semesters in the R25 BoS discussions. |
| 5 | **Teaching Aids:** High level of satisfaction with available instructional tools. | – | No action required; existing facilities are sufficient. |
| 6 | **Learning Environment:** Issues with classroom space and disruptive noise levels. | Thermodynamics and Heat Transfer, Unmanned Systems | Identified alternative teaching locations and initiated lab relocation to minimize noise and improve ambiance. |
| 7 | **Digital Resources:** Excellent accessibility to electronic learning materials. | – | No action required; will continue to maintain and update current resources. |
| 8 | **Professional Growth:** Lack of specialized Faculty Development Programs (FDPs). | – | Planned a budget increase to support faculty participation in industry-specific training and relevant FDPs. |
| 9 | **Assessment:** The current continuous assessment system is deemed effective. | – | No changes needed; current practices will be maintained and monitored periodically. |

Dr. R. Jaganraj
Head of the Department
Aeronautical Engineering
Vel Tech
Rangarajan Dr. Sagunthala

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology

**School of Mechanical and Construction**
**Department of Mechanical Engineering**
**ACTION TAKEN REPORT FOR THE FEEDBACK ON COURSES HANDLED**
**SUMMER SEMESTER 2023-2024**

The faculty feedback on courses handled during the **Summer Semester 2023–24** for the **Mechanical Engineering Department** provides valuable insights into the effectiveness of the existing curriculum, teaching–learning processes, and institutional support mechanisms.

Overall, the responses reflect a positive perception of the courses, with a majority of faculty members rating aspects such as syllabus adequacy, industry relevance, assessment practices, and encouragement of innovation as Well Adequate to Excellent. At the same time, the feedback identifies specific areas that require focused improvement, which can be addressed through targeted academic and administrative interventions.

| S.No | Feedback Question | Feedback Area | Faculty Feedback | Action Plan |
|---|---|---|---|---|
| 1 | Availability of Text & Reference Books | Adequate titles but less number of copies and outdated editions | Noticeable responses in *"Adequate titles but less volumes"* | Procure additional copies and latest editions; prioritize high-enrollment courses |
| 2 | Adequateness of Periods | Moderate rating for syllabus-heavy courses | Some faculty indicated difficulty completing syllabus within allotted hours | Review LTPC structure; redistribute hours or rationalize syllabus content |
| 3 | Pre-requisite Knowledge | Students lack programming / mathematical foundation | Feedback highlights difficulty in Python, calculus-based courses | Introduce bridge courses, tutorials, and value-added modules |
| 4 | Classroom Ambiance | Issues in noisy labs, poor furniture, insufficient smart facilities | Few responses rated Good instead of Excellent | Repair furniture, improve lab layouts, extend smart classroom facilities |
| 5 | E-learning Resources | Resources rated Just Adequate by some faculty | Need for recorded lectures, PPTs, simulations | Expand AMS/LMS content; upload video lectures and digital resources |
| 6 | Faculty Development Programmes | Some of the faculty reported Nil / inadequate FDP exposure | Demand for FDPs in Graphics, SOM, Electrical Safety | Plan in-house FDPs; minimum one FDPs per semester |

| Course Code | Programme | Faculty Feedback | Action Taken / Proposed |
|---|---|---|---|
| 1151ME309 | Heat & Mass Transfer Lab | Need for advanced laboratory equipment | Equipment availability reviewed; adequacy confirmed |
| 10213ME113 | Green Engineering & Sustainability | Insufficient reference books | Request submitted to Dean for procurement |
| 1151ME202 | Finite Element Analysis | Highly mathematical; lack of solved numericals & Indian-authored texts | To be discussed in Course Coordinator / DRC meeting |
| 1151ME110 | Dynamics of Machinery | Scheduling issues on Saturdays and early hours | Timetable planning revised as per academic calendar |
| 10213ME105 | 3D Printing & Tooling | Lack of smart classroom facilities | Projectors / smart boards installed |
| 10211ME204 | Manufacturing Technology | Need for additional lab machines | Equipment reviewed; existing facilities found adequate |
| 1152ME119 | Operations Research | Weak mathematical foundation among students | To be discussed in DRM; proposal for tutorials |

**HOD (Mechanical**

**VEL TECH RANGARAJAN DR. SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY**

**DEPARTMENT OF CIVIL ENGINEERING**

**ACTION TAKEN REPORT (2023-2024) (Summer Semester)**

<table>
<tr><th>S.No.</th><th>Stakeholder</th><th>Feedback received</th><th>Action Taken</th></tr>
<tr><td>1.</td><td>Dr. G. Kumar<br>Associate Professor</td><td>Advanced level of Field practices courses to be conducted in special elective category.</td><td rowspan="2">Value Education Course, 1157CE929 - Foundation Marking and Layout Preparation for Building has been included in Summer Semester 2023-2024.</td></tr>
<tr><td>2.</td><td>IV year students</td><td>Updated Surveying Techniques to be included.</td></tr>
</table>

**HoD /Civil**

## FRESHMAN ENGINEERING

## FME-SoMC

## Analysis and Action Taken Report of Faculty Feed back on Courses Handled

## Academic Year 2023-24 (Summer Semester)

| Sl. No. | Course offered to | Course Code | Course Title | Faculty Feed back Report | Action taken |
|---|---|---|---|---|---|
| 1 | B.Tech.- I Year | 10210ME101 | Design Thinking | Teaching methodology likely to enhance<br><br>Limited collaborative learning | Blended learning with ICT tools, discussions, and activity-based learning will be adopted.<br><br>Group activities, seminars, and student presentations. |
| 2 | B.Tech.- I Year | 10210ME201 | Engineering Graphics | Course Content is vast and cannot able to complete within the credit hours | Revised optimal course content is recommended as per the committee for the upcoming BoS. |
| 3 | B.Tech.- I Year | 10210EE204 | Introduction to Engineering | The weightage of continuous assessment marks can be increased. | Continuous assessment marks will be increased during the forthcoming Board of Studies. |
| 4 | B.Tech.- I Year | 10210EE301 | Engineering Products Laboratory | The experiments need to be revised. | Experiments will be revised during the forthcoming Board of Studies. |

**FME–SoMC Coordinator** **DeanFME**

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

## DEPARTMENT OF CHEMISTRY

### Analysis and Action Taken Report of Faculty Feedback on Courses Handled

### Academic Year 2023-24 / Eng. Chem (Summer Semester) - R21

| Sl. No. | Course offered to | Course Code | Course Title | Faculty Feedback Report | Action taken |
|---|---|---|---|---|---|
| 1 | B.Tech. | 10210CH105 | Engineering Chemistry | Providing additional support and individualized attention are recommended for slow learners. | At the end of each class, a brief discussion was conducted to help students understand the topic covered. Also, faculties ensured the audible volume throughout the class. |

**Head of the Department**

**Dean - FME**

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology

**DEPARTMENT OF CHEMISTRY**

**Analysis and Action Taken Report of Faculty Feedback on Courses Handled**

**Academic Year 2023-24 / ESS (Summer Semester) - R21**

| Sl. No. | Course offered to | Course Code | Course Title | Faculty Feedback Report | Action taken |
|---|---|---|---|---|---|
| 1 | B.Tech. | 10210CH103 | Environmental Studies | Providing additional support and individualized attention are recommended for slow learners. | At the end of each class, a brief discussion was conducted to help students understand the topic covered. Also, faculties ensured the audible volume throughout the class. |
| 2 | B.Tech. | 10210CH104 | Environmental Science and Sustainability | Providing additional support and individualized attention are recommended for slow learners. | At the end of each class, a brief discussion was conducted to help students understand the topic covered. Also, faculties ensured the audible volume throughout the class. |

**Head of the Department**

**Dean - FME**

# Report of Analysis on Faculty Feedback on course handled

## Professional Communication I (10210EN201)

## SS AY 2023-2024

Faculty feedback on the course Professional Communication I (10210EN201) is systematically collected from the course-handling faculty to assist continuous improvement of the course content. The feedback suggests that the syllabus is thorough and well designed, successfully facilitating the accomplishment of the specified course outcomes. The specified reference volumes are adequate and readily available in the library, giving significant academic support. The amount of times provided for completing the syllabus is normally appropriate; nonetheless, there is an expectation for an additional instructional hour to assure thorough coverage of key areas. Students possess the necessary prerequisite knowledge to actively engage with and understand the course content.

Faculty members are satisfied with the availability and accessibility of relevant teaching and learning materials, which enable effective course delivery. The classrooms provided are adequately equipped and create a pleasant learning environment. Access to e-learning resources through the library is outstanding and considerably aids the learning experience. Most faculty members have engaged in Faculty Development Programme (FDPs), while a handful are still to go. Appropriate and effective mechanisms are in place to assess and evaluate the attainment of course outcomes, assuring academic excellence and continual progress.

### Action Taken Report of Faculty Feedback on Courses Handled

| Sl. No. | Course offered to | Course Code | Course Title | Faculty Feedback Report | Action taken |
|---|---|---|---|---|---|
| 1 | B.Tech. – I year | 10210EN201 | Professional Communication - I | Good & Excellent<br><br>Suggested to increase topics in writing skills | Relevant topics will be included after having a discussion in BOS meeting. |

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

1/2/2024

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology

DEPARTMENT OF MATHEMATIS

## Action Taken Report of Faculty Feedback on Courses Handled

### Academic Year 2023-24 (Summer Semester)

| Sl. No. | Course offered to | Course Code | Course Title | Faculty Feedback Report | Action taken |
|---|---|---|---|---|---|
| 1 | B.Tech. - II, III, IV Year | 1151CS101 | Discrete Mathematics | Need sufficient copies of Text books | Informed to the Library in charge to include the sufficient copies of books in the forthcoming Library purchase order |
| 2 | B.Tech. - II, III, IV Year | 10201MA101 | Liner algebra and computation | Good | - |
| 3 | B.Tech. - II, III, IV Year | 10210MA103 | Probability, Statistics and Queuing Theory | Good | - |
| 4 | B.Tech. - II, III, IV Year | 10210MA104 | Fourier Series and Transform Techniques | Good and FDP may to organise | Arrangement of Conducting FDP is initiated for the winter semester 2023-24 |
| 5 | B.Tech. - II, III, IV Year | 10210MA105 | Transforms and Fourier Series | Good | - |
| 6 | B.Tech. - II, III, IV Year | 10210MA108 | Transformers and partial differential equations | Good | - |
| 7 | B.Tech. - II, III, IV Year | 10210MA110 | Discrete Mathematical Structures | Good and FDP may to organise | Arrangement of Conducting FDP is initiated for the winter semester 2023-24 |
| 8 | B.Tech. - II, III, IV Year | 10211CS101 | Discerete Mathematics | Need sufficient copies of Text books | Informed to the Library in charge to include the sufficient copies of books in the forthcoming Library purchase order |
| 9 | B.Tech. - II, III, IV Year | 10213MA101 | operation research | Good | - |
| 10 | B.Tech. - II, III, IV Year | 1051MA101 | Fourier series and Transform techniques | Good | - |
| 11 | B.Tech. - II, III, IV Year | 1150MA104 | Transforms and Partial Differential Equations | Good | - |
| 12 | B.Tech. - II, III, IV Year | 1150MA201 | Applied Statistics | Good | - |

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology

| | | | | | |
|---|---|---|---|---|---|
| 13 | B.Tech. - II, III, IV Year | 1151CS101 | Discrete Mathematics | Good and FDP may to organise | Arrangement of Conducting FDP is initiated for the winter semester 2023-24 |
| 14 | B.Tech. - II, III, IV Year | 1151EC101 | Mathematics for E&C Engineers. | Good | |

**Head of the Department**

Prof. Dr. J. Viswanath
Head of the Department
Mathematics

**Dean FME**

Dr. M. Sivakumar
Dean - Freshman Engineering

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

## DEPARTMENT OF PHYSICS

### Analysis and Action Taken Report of Faculty Feedback on Courses Handled

**Academic Year 2023-24 (Summer Semester)**

| Sl. No. | Course offered to | Course Code | Course Title | Faculty Feedback Report | Action taken |
|---|---|---|---|---|---|
| 1. | B.Tech. I Year | 10210PH101 | Semiconductor Physics | Good and Well adequate | - |
| 2. | B.Tech. I Year | 10210PH102 | Physics of Materials | Good and well adequate | - |
| 3. | B.Tech. I Year | 10210ME102 | Universal Human Values - II | Excellent and well adequate | - |
| 4. | B.Tech. I Year | 10210PH301 | Modern physics lab | Excellent and well adequate | - |

**Head of the Department**

Dr. D. Senthilkumar

# ACTION TAKEN REPORT

The faculty member's response to the feedback regarding course handling, course outcomes, prescribed textbooks to the library, and attending the faculty development programs was collected on 22.12.23 MBA IQAC committee meeting was held on 29.01.24. and faculty response was discussed with the committee, based on these discussions, various suggestions and actions to be taken were identified.

**Members Present**

| S. No | Faculty ID | Faculty Name | Designation | Signature |
|---|---|---|---|---|
| 1 | TTS2943 | Dr. MARIYAPPAN. M.S. R | Dean / School of Management | |
| 2 | TTS3569 | Dr. RAVISHANKAR. K | HOD/ Department of Management | |
| 3 | TTS2534 | Dr. GEETA KESAVARAJ | ASSOCIATE PROFESSOR | |
| 4 | TTS2670 | Dr.P. ELANTHERAIYAN | ASSOCIATE PROFESSOR | P. Elan |
| 5 | TTS3308 | Dr. MANOJ. G | ASSOCIATE PROFESSOR | |
| 6 | TTS3428 | Dr. SANKAR GANESH. R | ASSOCIATE PROFESSOR | |
| 7 | TTS3657 | Dr. S. RAJA | ASSOCIATE PROFESSOR | |
| 8 | TTS3180 | Dr. THANDAYUTHAPANI. S | ASSISTANT PROFESSOR | Thandapani |
| 9 | TTS3678 | Dr. LUMINA JULIE.R | ASSISTANT PROFESSOR | |
| 10 | TTS 3680 | Dr.P. TAMILSELVAN | ASSISTANT PROFESSOR | |
| 11 | TTS3676 | Dr. RAJAPRIYA.M | ASSISTANT PROFESSOR | M. Rajapriya |
| 12 | TTS2671 | MRS. ASHLIN NIMO. J. R | ASSISTANT PROFESSOR | |
| 13 | TTS2775 | MRS.FELISIYA. M | ASSISTANT PROFESSOR | |
| 14 | TTS2821 | MR. ARULKRISHNAN. S | ASSISTANT PROFESSOR | |
| 15 | TTS3162 | MR. JAYAKUMAR. M | ASSISTANT PROFESSOR | Jayakumar |
| 16 | TTS2521 | MR. KOTTESWARAN. D | ASSISTANT PROFESSOR | |

| S.NO | Feed back | Action taken |
|---|---|---|
| 1. | Attended Faculty development program for the course | a) Performance Appraisal and Management<br><br>The faculty member (Dr. Rajapriya.M who handled the course) is advised to attend the MSME, NITTTR training program (online/offline).<br><br>b) Training And Development<br><br>As per the course handled by a faculty member (Dr. P. Tamilselvan), he could find any faculty development program relevant to the subject. The committee members are recommended to attend more FDP in the fourth upcoming year.<br><br>c)Merchant Banking and Financial Services<br><br>Dr. P. Tamilselvan, who handled the course, is advised to attend the MSME training program, which is available both online and offline. It is recommended that MSME offers such courses at least twice a year. |

29/1/24

Stakeholder Feedback Co-ordinator

IQAC Co-ordinator

HOD

Dean

Dr. K. Ravishankar

Vel Tech

Rangarajan Dr. Sagunthala

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

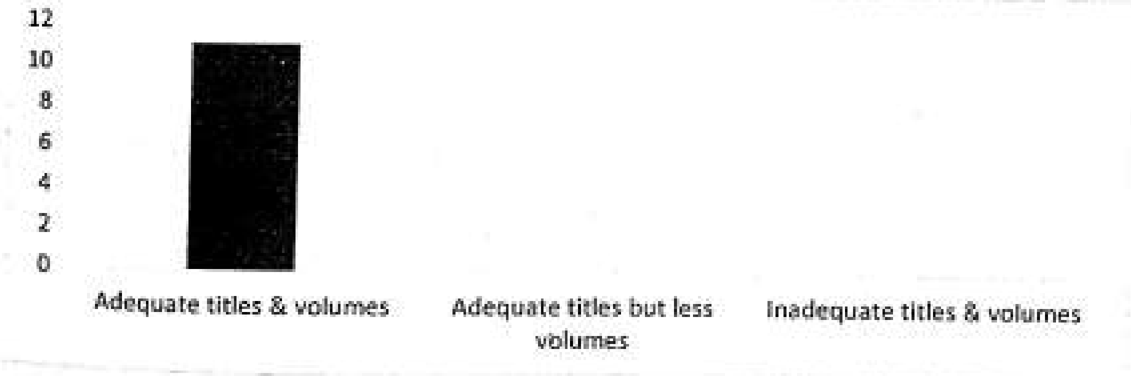
**Office of the Quality Assurance**

**Feedback On Course Handled -Summer Semester -AY 2023-2024**

Department: MBA

1. Are the syllabus contents of the course adequate to attain all the course outcomes?


2. Are all the prescribed text and reference books of the course available in our library?




3. Adequateness of the total number of periods allotted to complete the delivery of the course contents

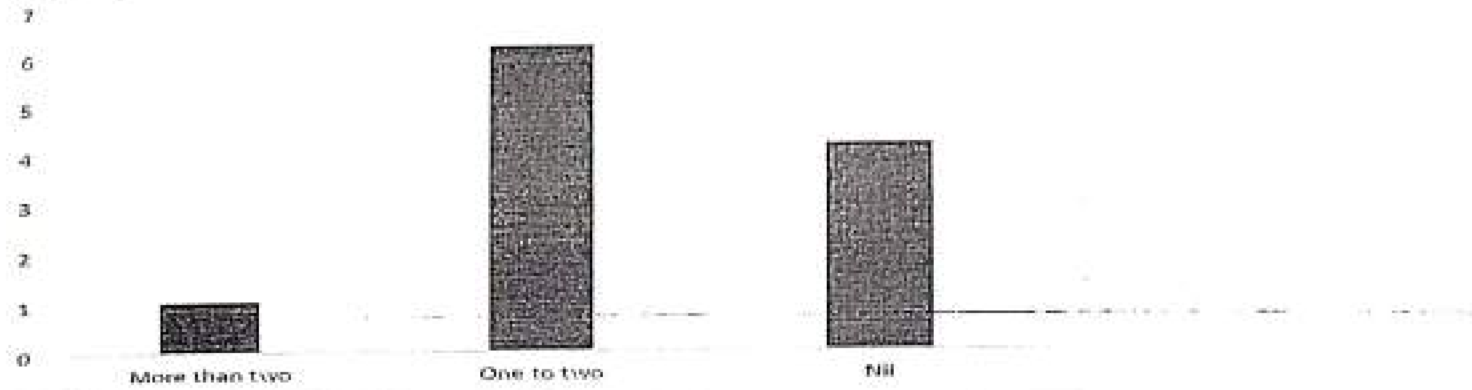
4. The extent of pre-requisite knowledge of students with respect to learning of this course contents.


5. Freedom in accessing appropriate teaching aids for delivering the course


6. Classroom ambiance for students' learning

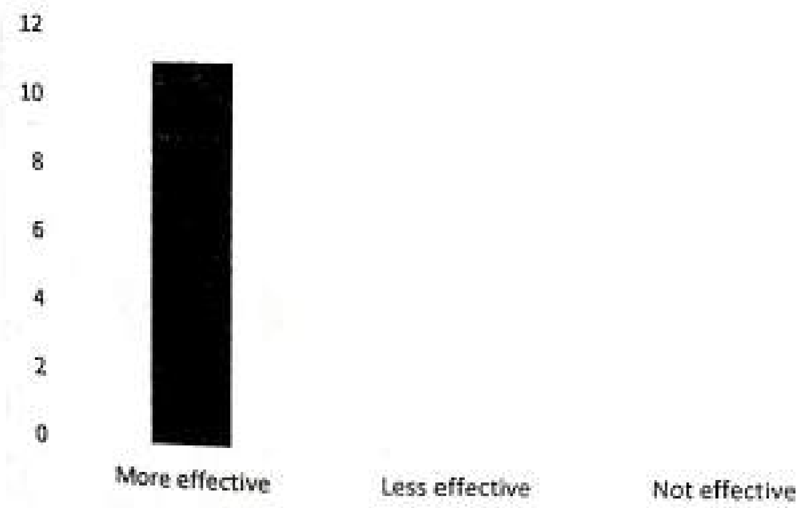

7. Accessibility of e-learning resources for the students

8. Have you attended any faculty development program for this course?




| s.no | Course title | Course code | Reason for not attending |
|---|---|---|---|
| 1 | Performance Appraisal and Management | 30212MG117 | FDP Not Conducted Directly for This Course |
| 2 | Training And Development | 30212MG116 | Due To Availability |
| 4 | Merchant Banking And Financial Services | 30212MG111 | Due To Availability |

9. Effectiveness of continuous assessments with respect to measurement of course outcomes




10.Your suggestions/comments, if any.

Nil

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

**Department of Commerce and Business Administration**

**Analysis and Action Taken Report of Faculty Feedback on courses Handled**

**Academic Year 2023-24 Programming with C++ (Summer Semester) R 21**

| S.No | Courses offered to | Course code | Course title | Faculty Feedback report | Action Taken |
|---|---|---|---|---|---|
| 1 | B.Com | 80212CA108 | Programming with C++ | Providing additional support and individualized attention are recommended for slow learners. | Organized remedial classes and offered personalized mentoring sessions to support slow learners in improving their academic performance. |

Y. L—d
**Head of the Department**

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

Y. L—d
**Dean**

Head of the Department
Commerce
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 Computing
Department of Computer Science and Engineering
Academic Year: 2023 - 24 / Winter Semester
Faculty Feedback on Course Handled - Action Taken Report

| S.No | Parameters | Observations | Details | Action Taken |
|---|---|---|---|---|
| 1. | Are the syllabus contents of the course adequate to attain all the course outcomes? | * Well Adequate - 126<br>* Just Adequate – 03<br>* Not Adequate – 01 | Courses and Topics Suggested for Improvement<br>10213CS130 – Fundamentals of Computer Networks<br>10210CS401 – Programming using Python | • Course Outcomes (COs), lesson plans, and course delivery plans were revised.<br>• Faculty instructed to include hands-on exercises and practical demonstrations. |
| 2. | Are all the prescribed text and reference books of the course available in our library? | * Adequate titles and volumes- 110<br>* Adequate but Less Volume - 16<br>* Inadequate - 4 | **Following books are requested:**<br>10210CS401 – Programming using Python<br>• Mark Lutz – Learning Python – Additional copies requested<br>• Eric Matthes – Python Crash Course – Additional copies requested<br>1151CS109 – Microprocessor and Microcontroller<br>• Douglas V. Hall – Microprocessors and Interfacing – Additional copies requested<br>10212CS270 – Introduction to System Programming | Requisition of the mentioned Text books has been already submitted to the Central Library |

| | | | | |
|---|---|---|---|---|
| | | | • System programming reference books requested | |
| 3. | Adequateness of the total number of periods allotted to complete the delivery of the course contents | * High - 92<br>* Moderate - 37<br>* Low - 01 | Courses with Insufficient Time<br>10211CS120 - Machine Learning<br>**Topics identified:**<br>• Model training and evaluation<br>• Classification algorithms<br>• Practical implementation using Python | • Course delivery plan revised.<br>• Additional tutorial sessions conducted.<br>• Extra assignments provided.<br>• Problem Solving approach implemented.<br>• Practical demonstrations included. |
| 4. | Extent of pre-requisite knowledge of students with respect to learning of this course contents | * Excellent - 90<br>* Good - 39<br>* Poor - 01 | Courses and Areas Identified<br>10211CS306 - Competitive Coding - I<br>Areas identified:<br>• Weak foundation in Data Structures<br>• Lack of problem-solving skills<br>• Need improvement in algorithm understanding | Additional practice sessions conducted.<br>• Coding practice assignments provided.<br>• Tutorial classes conducted. |
| 5. | Freedom in accessing appropriate teaching aids for delivering the course | * Excellent - 112<br>* Good - 18<br>* Poor - 0 | Overall feedback is good | - |
| 6. | Classroom ambiance for students' learning | * Excellent - 105<br>* Good - 25<br>* Poor - 0 | Overall feedback is good | - |
| 7. | Accessibility of e-learning resources for the students | *Well Adequate - 118<br>* Just Adequate - 12 | Overall feedback is good | - |
| 8. | Have you attended any faculty development programme for this course? | • More than 2 - 23<br>• 1 to 2 - 88<br>• NIL - 19 | The following courses required more FDP participation:<br>• 10213CS130 - Fundamentals of Computer Networks<br>• 10210CS401 - Programming using Python<br>• 10211CS120 - Machine Learning | All faculty are advised to attend the FDP programme's for their courses and also to complete the online certification courses |

| | | | | |
|---|---|---|---|---|
| | course? | | Architecture<br>10211CS213 – Python Programming<br>10211CS207 – Database Management Systems | • AICTE<br>• ATAL Academy |
| 9 | Effectiveness of continuous assessments with respect to measurement of course outcomes | * More effective - 168<br>* Less effective - 03<br>* Not effective - 0 | Overall feedback is good | - |
| 10 | General Suggestions | - | *10211CS129 – Modern Computer Architecture: COs and learning resources shall be revised.<br><br>*10211CS103 – Operating Systems : Need to conduct hands-on workshop<br><br>* 10211CS207 – Database Management Systems : Need to change DBMS syllabus as Data Engineering Paper-1 and Paper-2<br><br>* 10211CS102 – Data Structures : Need more tutorial problems and in-depth learning | * Course Outcomes and learning resources were reviewed and revised. Updated reference books, NPTEL lectures, and additional digital learning materials were included to improve student understanding.<br><br>*Hands-on workshops on Linux, process management, and memory management were conducted to enhance practical exposure.<br><br>*The syllabus revision proposal was submitted to the Board of Studies. Advanced topics such as Data Engineering, Big Data tools, and modern database architectures were recommended for inclusion.<br><br>*Additional tutorial classes, practice problems, and coding exercises were introduced. |

HOD - CSE

Head of the Department
Computer Science and Engineering
Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology

FME – School of Computing

Action Taken for the Academic Year 2023-24 (Winter Semester)

| Course Code | Course Title | Suggestions/Comments by Faculty | Action Taken |
|---|---|---|---|
| 10210CS101 | Problem Solving using C | Students with zero programming exposure. find C syntax and pointers difficult. | Simplified examples were introduced, focusing on logic rather than syntax. |
| 10210CS104 | Programming using Python | Students struggle to transfer logic from C to Python. | Initial Python sessions included revision of PSC concepts with equivalent Python implementations. |
| 10210CS201 | Python Programming | Faculty observe confusion between C and Python syntax. | Comparative teaching approach (C vs Python) was adopted for loops, conditions, and functions. |

Course Coordinator

Dean FME

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology

## School of Electronics and Communication
## Department of Electronics and Communication Engineering
### Action Taken for the Academic Year 2023-24 - Winter Semester

| S. No. | Course Code | Course Title | Suggestions/Comments given by the faculty members | Action Taken |
|---|---|---|---|---|
| 1 | 10211EC106 | Signals and Systems | • Practical exercises can be suggested<br>• Basic real time examples on transforms may be included | Suggestions are discussed in DAC for further action |
| 2 | 10211EC306 | Optical and microwave communication system Lab | • Microwave Experiments can be increased | |
| 3 | 10212EC259 | Machine Vision | • Practical exercises can be included | |
| 4 | 10211EC115 | Optical and microwave communication systems | • Integrate with Industry standards, problem-based learning and case studies | |
| 5 | 10211EC109 | Microprocessor and Microcontroller | • Unit 1 on 8085 microprocessor can be removed. Instead, some advanced microprocessor/ microcontroller can be included<br>• Latest application and Microcontroller ICs to be included in unit 5<br>• Need to reduce Unit 5 content | |
| 6 | 10212EC152 | Block Chain Technology | • Integration with the lab will improve students' practical knowledge | |
| 7 | 10211EC108 | Communication systems | • Syllabus need to be reframed<br>• Some topics in Unit 5 need to be reduced | |
| 8 | 10211EC305 | Communication systems Lab | • Laboratory experiments need to be modified | |
| 9 | 10211EC107 | Electromagnetic and transmission lines | • Unit 5 has to be modified | |
| 10 | 10211EC157 | Soft Computing | • Illustrative programs may be included in the syllabus | |
| 11 | 10212EC102 | Cellular mobile Communication | • Syllabus is backdated More recent and advanced topics to be included in the syllabus | |

12/6/24
**Coordinator**

12/06/2024
**HoD-ECE**

Dr A. Sriram Nath Priya...
Head of the Department
Electronics & Communication Engineering
Vel Tech

SCHOOL OF ELECTRICAL AND COMMUNICATION

ELECTRICAL AND ELECTRONICS ENGINEERING

**Action Taken Report on Faculty Feedback- 2023-24 (winter semester)**

| Course code | Course name | Suggestions/ comments by faculty | Action taken |
|---|---|---|---|
| 10211EE105 | Linear Control Systems | Inadequacy in the total number of periods allotted to complete the course content. | This will be discussed in the upcoming BoS meeting, and the possibility of syllabus revision will be examined |
| 10211EE105 | Linear Control Systems | Additional tutorial hours may be allotted to discuss more problems using MATLAB / Simulink | This will be discussed in the upcoming BoS meeting and the possibility of syllabus revision will be examined |
| 1020EE202 | Basic Electrical and Instrumentation Engineering | Unit 1 content can be reduced | This will be discussed in the upcoming BoS meeting, and the possibility of syllabus revision will be examined |
| 11210EE301 | Engg. Products laboratory | Few experiments can be replaced and few new can be added | This will be discussed in the upcoming BoS meeting, and the possibility of syllabus revision will be examined |
| 1152EE165 | Medical electronics | Adequate titles but less volumes | As per suggestions given by the course teacher, additional books are to be purchased and the list has been submitted to the central library. |
| 10211EE109 | Power System Analysis | This course can be modified as an integrated course. | This will be discussed in the upcoming BoS meeting, and the possibility of syllabus revision will be examined |
| 10210EE202 | Basic Electrical & Instrumentation Engineering | FDPs related to this course have not been attended. | Faculty members are advised to attend ATAL FDPs relevant to the course. |

Dr. S. Ramesh
Head of the Department
Electrical and Electronics Engineering

Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology

**FRESHMAN ENGINEERING**

**FME-ECE,EEE**

**Analysis and Action Taken Report of Faculty Feedback on Courses Handled**

**Academic Year 2023-24 (Winter Semester)**

| Sl. No. | Course offered to | Course Code | Course Title | Faculty Feedback Report | Action taken |
|---|---|---|---|---|---|
| 1 | B.Tech. - I Year | 10210EE201 | Basic Electrical, Electronics and Measurement Engineering | Excessive course content | Syllabus will be rationalized by emphasizing fundamental concepts and essential topics. |
| 2 | B.Tech. - I Year | 10210EE202 | Basic Electrical and Instrumentation Engineering | Difficulty in syllabus completion. | Lesson plans will be revised to align with available instructional hours. |
| 3 | B.Tech. - I Year | 10210EE203 | Basic Electronics and Measurement Engineering | Need for improved learning effectiveness | Activity-based teaching methods, tutorials, and problem-solving sessions will be strengthened. |
| 4 | B.Tech. - I Year | 10210EC201 | Basic Electronics and Digital Logic Design | Course content in each unit is extensive and difficult to complete within the allotted hours. | In the upcoming regulation, the course content will be revised to align with allotted hours |

**FME–SoEC Coordinator** **Dean-FME**

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**

**Action Taken for the Academic Year 2023-24 (Winter Semester)**

| Course Code | Course Title | Suggestions/Comments by Faculty | Action Taken |
|---|---|---|---|
| 10211BM303 | Sensors and Transducers Laboratory | No changes in syllabus content. Instruments specific to the measurement of capacitance and inductance can be purchased. | To be purchased for the upcoming academic year |
| 10212BM113 | Predictive Analysis of Medical Data | The course outcome for unit 3 has to be changed as it is repetitive course outcome of unit 2. The topics in units - 4 and 5 are very vast and cover a wide range of applications in huge length. Hence, the topics in 4th and 5th units should be made concise. | To be changed for the upcoming batch |
| 10212BM101 | Hospital Management | Keep reference copies of at least one copy of all textbooks for hospital management courses in the library. | To include in the book list requested by libraries |
| 10213BM103 | Remote health technology | Content can be changed for few units | This is open elective courses, if needed it can be changed for the upcoming batch |
| 10211BM105 | Bio Sensors and Transducers | This course both theory and practical is highly suitable for a Biomedical Engineer and by doing minor projects and major projects it will be very much helpful to have great future | Most of the hardware project involved sensor interface |
| 10211BM307 | Diagnostic and Therapeutic Equipments Laboratory | Can include more equipment like heart lung, ventilators | To be considered for the upcoming AY |

for
Feedback Co-ordinator

IQAC Co-ordinator

HoD/BME

Dr. D. [illegible]
Head of the Department
Biomedical Engineering
Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology

Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology
SCHOOL OF ELECTRICAL AND COMMUNICATION
DEPARTMENT OF BIOTECHNOLOGY
Faculty Feedback on Course Curriculum
Academic Year Winter Semester (2023-24)

| Faculty ID. | 3515 | 2409 | 2409 | 2409 | 2285 | 2285 | 3761 | 3761 | 3761 | 3761 | 3773 | 3607 | 3607 | 3635 | 3294 | 3294 | 3294 | 3276 | 3276 | 3276 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Faculty Name | Dr. Ashish R. S. | Mrs. Nirmala Nithya. R | Mrs. R. Nirmala Nithya | Mrs. R. Nirmala Nithya | Dr. R.SAI NANDHINI | Dr. R. SAI NANDHINI | Dr.S.Shobana | Dr.S.Shobana | Dr.S.Shobana | Dr.S.Shobana | Dr. LEENA SHARAN V | Dr G PRASANNAMEDHA | Dr. G PRASANNAMEDHA | Dr. S. Senthil Kumar | SUGUMARI VALLINAYAGAM | SUGUMARI VALLINAYAGAM | SUGUMARI VALLINAYAGAM | Dr S.Chandramohan | Dr S.CHANDRAMOHAN S | Dr S.CHANDRAMOHAN |
| School | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication |
| Department | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology |
| Course Code | 10212BT304 | 10211BT113 | 10211BT136 | 10211BT107 | 10212BT118 | 10211BT104 | 10212BT117 | 10211BM101 | 10211BT105 | 10212BT119 | 10212BT140 | 10211BT112 | 10211BT111 | 10211BT107 | 10212BT133 | 10211BT130 | 10211BT106 | 10211BT114 | 10211BT110 | 10212BT103 |
| Course Title | Agricultural Biotechnology | METABOLIC ENGINEERING | IMMUNOLOGY AND IMMUNOTECHNOLOGY | METABOLIC ENGINEERING | Enzyme technology and Biotransformation | Molecular biology and genetic engineering lab | Biopharmaceutical Technology | Biology for Engineers | Molecular biology lab | Biomechanics | Bionanotechnology | Unit operations in biotech industry | Downstream processing | Immunology lab | FOOD PRESERVATION PACKAGING TECHNOLOGIES | PRECISION AGRICULTURAL BIOTECHNOLOGY | Downstream Processing Laboratory | Green Biotechnology & Pollution Abatement | Bioprocess Engineering | Biomaterials Engineering |
| No. of Section(s)/ Slot(s) handled the mentioned course | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Are the syllabus contents of the course adequate to attain all the course outcomes? | Well adequate | Well adequate | Well adequate | Well adequate | Well adequate | Well adequate | Well adequate | Well adequate | Well adequate | Just adequate | Well adequate | Well adequate | Well adequate | Well adequate | Well adequate | Well adequate | Well adequate | Well adequate | Well adequate | Well adequate |
| Give your valuable suggestions for improving the syllabus contents to attain all the course outcomes | | | | | | | | | | | | | | | | | | | | |
| Are all the prescribed text and reference books of the course available in our library? | Adequate titles but less volumes | Inadequate titles & volumes | Adequate titles but less volumes | Adequate titles but less volumes | Adequate titles & volumes | Adequate titles & volumes | Adequate titles & volumes | Adequate titles & volumes | Adequate titles & volumes | Adequate titles but less volumes | Adequate titles & volumes | Adequate titles & volumes | Adequate titles & volumes | Adequate titles & volumes | Adequate titles & volumes | Adequate titles & volumes | Adequate titles & volumes | Adequate titles & volumes | Adequate titles & volumes | Adequate titles & volumes |

20/12

Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science and Technology
SCHOOL OF ELECTRICAL AND COMMUNICATION
DEPARTMENT OF BIOTECHNOLOGY
Faculty Feedback on Course Curriculum
Academic Year Winter Semester (2023-24)

| Faculty ID. | 3515 | 2409 | 2409 | 2409 | 2285 | 2285 | 3761 | 3761 | 3761 | 3761 | 3773 | 3007 | 3007 | 3675 | 3291 | 3291 | 3291 | 2379 | [illegible] | [illegible] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Faculty Name | Dr. Achsah R S. | Mrs. Nirmala Nithya R | Mrs. R. Nirmala Nithya | Mrs. R. Nirmala Nithya | Dr. R SAI NANDHINI | Dr. R SAI NANDHINI | Dr.S.Shobana | Dr.S.Shobana | Dr.S.Shobana | Dr.S.Shobana | Dr. LEENA SHARAN V | Dr. G PRASANNAMEDHA | Dr. G PRASANNAMEDHA | Dr. T Senthil Kumar | SUGUMARI VALLINAYAGAM | SUGUMARI VALLINAYAGAM | SUGUMARI VALLINAYAGAM | Dr.S.Chandraleka | Dr.CHANDRAMOHAN S | Dr.S.CHANDRAMOHAN |
| School | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication |
| Department | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology |
| Course Code | 10212BT104 | 10211BT118 | 10211BT136 | 10211BT307 | 10212BT113 | 10211BT304 | 10212BT117 | 10211BRA101 | 10211BT305 | 10212BT139 | 10212BT140 | 10211BT112 | 10211BT111 | 10211BT307 | 10212BT133 | 10211BT120 | 10211BT306 | 10211BT124 | 10211BT110 | [illegible] |
| Course Title | Agricultural Biotechnology | METABOLIC ENGINEERING | IMMUNOLOGY AND IMMUNOTECHNOLOGY | METABOLIC ENGINEERING | Enzyme technology and Biotransformation | Molecular biology and genetic engineering lab | Biopharmaceutical Technology | Biology for Engineers | Molecular biology lab | Biomechanics | Bionanotechnology | Unit operations in biotech industry | Downstream processing | Immunology lab | FOOD PRESERVATION, PACKAGING TECHNOLOGIES | PRECISION AGRICULTURAL BIOTECHNOLOGY | Downstream Processing Laboratory | Green Biotechnology & Pollution Abatement | Bioprocess Engineering | Biomaterial Engineering |
| Specify the title and no.of volumes to be added in library | | Sang Yup Lee and Terry Papoutsakis E., "Metabolic Engineering", Marcel Dekker, New York, 1999. -5 | | | | | | | | | | | | | | | | | | |

Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology
SCHOOL OF ELECTRICAL AND COMMUNICATION
DEPARTMENT OF BIOTECHNOLOGY
Faculty Feedback on Course Curriculum
Academic Year Winter Semester (2023-24)

| Faculty ID. | 3515 | 2409 | 2409 | 2409 | 2285 | 2285 | 3761 | 3761 | 3761 | 3761 |
|---|---|---|---|---|---|---|---|---|---|---|
| Faculty Name | Dr. Achsah. R. S. | Mrs. Nirmala Nithya. R | Mrs. R. Nirmala Nithya | Mrs. R. Nirmala Nithya | Dr. R SAI NANDHINI | Dr. R. SAI NANDHINI | Dr.S.Shobana | Dr.S.Shobana | Dr.S.Shobana | Dr.S.Shobana |
| School | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication |
| Department | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology |
| Course Code | 10212BT104 | 10211BT113 | 10211BT116 | 10211BT307 | 10212BT113 | 10211BT304 | 10212BT117 | 10211BM101 | 10211BT305 | 10212BT139 |
| Course Title | Agricultural Biotechnology | METABOLIC ENGINEERING | IMMUNOLOGY AND IMMUNOTECHNOLOGY | METABOLIC ENGINEERING | Enzyme technology and Biotransformation | Molecular biology and genetic engineering lab | Biopharmaceutical Technology | Biology for Engineers | Molecualr biology lab | Biomechanics |
| Adequateness of the total number of periods allotted to complete the delivery of the course contents | Moderate | High | High | High | Moderate | Moderate | Moderate | High | Moderate | High |

| Faculty ID. | 1721 | 1607 | 1607 | 1015 | 1294 | 1294 | 1294 | 1276 | 1276 | 1276 |
|---|---|---|---|---|---|---|---|---|---|---|
| Faculty Name | Dr. LEENA SHARAN V | Dr G PRASANNAMEDHA | Dr. G. PRASANNAMEDHA | Dr. S Senthil Kumar | SUGUMARI VALLINAYAGAM | SUGUMARI VALLINAYAGAM | SUGUMARI VALLINAYAGAM | Dr S Chandramohan | Dr CHANDRAMOHAN S | Dr S CHANDRAMOHAN |
| School | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication | School of Electrical and Communication |
| Department | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology | Biotechnology |
| Course Code | 10212BT140 | 10211BT112 | 10211BT111 | 10211BT107 | 10212BT133 | 10211BT130 | 10211BT105 | 10211BT114 | 10211BT110 | 10211BT103 |
| Course Title | Bionanotechnology | Unit operations in biotech industry | Downstream processing | Immunology lab | FOOD PRESERVATION, PACKAGING TECHNOLOGIES | PRECISION AGRICULTURAL BIOTECHNOLOGY | Downstream Processing Laboratory | Green Biotechnology & Pollution Abatement | Bioprocess Engineering | Biomaterials Engineering |
| Adequateness of the total number of periods allotted to complete the delivery of the course contents | High | Moderate | Moderate | High | High | High | High | Moderate | Moderate | High |

School of Electrical and Communication

Department of Biotechnology

Action taken for the faculty feedback AY: 2023-2024

| course Code | Course Title | Suggestions/Comments by the Faculty | Action Taken |
|---|---|---|---|
| 10211BT108 | Principles of Chemical Engineering | 1. The syllabus contents of the course adequate to attain all the course outcomes w'ere inadequate.<br>2. The prescribed text and reference books of the course available in our librarv,<br>3. Pre-requisite knowledge of students with respect to learning of this course contents | 1.Syllabus will be revised in upcoming BOS meeting<br>2. This book as suggested was included in the library *Himmelhlue (Princifiles of chemical Engineering), Yonus A cengel Thermodynamics.*<br>3. Mathematics will be made compulsory till 4th semester. |
| 10211BT201 | Computational Biology: Techniques And Applications | Need some software for bioinformatics | Installation of Bioinformatics software tool |
| 102I2BT106 | Nanobiotechnology And Applications | Some lopics should be revised according to the current technology | |

| | | | |
|---|---|---|---|
| 102l3BT103 | Biomaterials Engineering | Certain topics should be removed | Revision of **S5llabtls Will** be done in the upcoming Bt3b meeting |
| 10211 BT301 | Micrtibioltigy Lab | Emphasis shtiuld be given on modem instruments like SEM | |
| 10211 BT302 | Bitichemistry Laboratory | Lab timing may be increased | Laboratory hours were increased |
| 1154BTl 03 | Engineering Advances in Food Preservation | Different department classes were clashing with this institute elective timing | 1°iriae table is revised |
| 10211 BT305 | **Bioprocess Engineering** Laboratory | Number houxs allotted for conducting Laboratory work should be increased, along with credits (if required). | Laboratory hours were increased |

R. Sai Nandhini

Dr. P. Azhagu Saravana Babu
Head of the Department
Biotechnology
Vel Tech
Rangarajan Dr. Sagunthala

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 Mechanical and Construction**
**Department of Aeronautical Engineering**
**Feedback on Course Handled – Winter Semester – AY 2023-24**

1. Are the syllabus contents of the course adequate to attain all the course outcomes?
Based on the 10 entries provided:
    - Well adequate: 10
    - Just Adequate: 0
    - Not Adequate: 0
2. Are all the prescribed text and reference books of the course available in our library?
    - Adequate titles & volumes: 7
    - Adequate titles but less volumes: 3
    - Inadequate titles & volumes: 0
3. Adequateness of the total number of periods allotted to complete the delivery of the course contents
    - High: 10
    - Moderate: 0
    - Low: 0
4. Extent of pre-requisite knowledge of students with respect to learning of this course contents
    - Excellent: 10
    - Good: 0
    - Poor: 0
5. Freedom in accessing appropriate teaching aids for delivering the course
    - Excellent: 8
    - Good: 2
    - Poor: 0
6. Classroom ambiance for students' learning
    - Excellent: 9
    - Good: 1
    - Poor: 0
7. Accessibility of e-learning resources for the students
    - Well adequate: 8
    - Just adequate: 2
    - Poor: 0
8. Have you attended any faculty development programme for this course?
    - Well adequate: 1
    - Just adequate: 9
    - Nil: 0

9. Effectiveness of continuous assessments with respect to measurement of course outcomes

- Well adequate: 10
- Less effective: 0
- Not effective: 0

| Sl. No. | Course Title | Course Code | Your suggestions/comments, if any. |
|---|---|---|---|
| 1 | UAV Mapping and Monitoring | 10212AE211 | The syllabus is well structured to impart the knowledge of UAV-based remote sensing techniques to the B.Tech Aeronautical Engineering students. |
| 2 | Avionics | 10211AE219 | Avionics based Exercise can be given added in Lab component. |
| 3 | Airplane Stability and Control | 10211AE221 | Aeronautical / Aerospace based MATLAB Exercise related to Stability & control can be given added in Lab component |
| 4 | Linear System Analysis & Control | 10211AE217 | Aeronautical / Aerospace based MATLAB Exercise can be given added in Lab component. |
| 5 | Aircraft Systems & Instruments | 10211AE218 | Aeronautical / Aerospace based MATLAB Exercise can be given added in Lab component. |
| 6 | Low Speed Aerodynamics | 10211AE202 | Overall Good |
| 7 | Minor Project - II | 10214AE602 | Overall Good |
| 8 | Minor Project - I | 10214AE601 | Overall Good |

Dr. R. Jaganraj
Head of the Department
Aeronautical Engineering
Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology

**School of Mechanical and Construction**
**Department of Mechanical Engineering**
**ACTION TAKEN REPORT FOR THE FEEDBACK ON COURSES HANDLED**
**WINTER SEMESTER 2023-2024**

The faculty feedback on courses handled during the **Winter Semester 2023–24** for the **Mechanical Engineering Department** provides valuable insights into the effectiveness of the curriculum, teaching–learning practices, and available support systems.

Overall, the responses indicate a favourable perception of the courses, with the majority of faculty members rating key aspects such as syllabus adequacy, industry relevance, assessment methods, and encouragement of innovative practices as Well Adequate to Excellent. However, the feedback also brings out a few areas that require focused attention, which can be strengthened through appropriate academic planning and continuous improvement measures.

| S.No | Feedback Question | Feedback Area | Faculty Feedback | Action Plan |
|---|---|---|---|---|
| 1 | Availability of prescribed text & reference books | Adequate titles but less number of volumes | Few responses marked *"Adequate titles but less volumes"* | Procurement of additional copies and latest editions to be initiated |
| 2 | Adequateness of periods allotted | Moderate rating for select courses | Faculty indicated difficulty in completing syllabus within allotted hours | Courses identified for syllabus rationalization / redistribution of hours |
| 3 | Classroom ambiance | Rated Good instead of Excellent in some cases | Faculty feedback indicates scope for improvement | Classroom maintenance and infrastructure improvement to be undertaken |
| 4 | Faculty Development Programmes (FDPs) | FDP participation limited to One–Two for some faculty | FDP exposure not uniform across courses | Departmental FDP calendar to be strengthened |
| 5 | Continuous assessment practices | Suggestions to reduce syllabus load and improve relevance | Comments such as *"Syllabus to be reduced"* | Assessment pattern and syllabus load to be reviewed in DRC meeting. |

| Course Code | Programme | Faculty Feedback | Action Taken / Proposed |
|---|---|---|---|
| 10213ME111 | Energy Conservation and Audit | Adequateness of periods rated **Moderate** | Course content and delivery plan to be reviewed |
| 10211ME209 | Thermal Engineering | Classroom ambiance rated **Good** | Infrastructure maintenance and improvements proposed |
| 1151ME201 | Finite Element Analysis | Heavy syllabus content; suggestion to reduce syllabus | To be discussed in DRC for content rationalization |

**HOD - MECHANICAL**

Vel Tech

**VEL TECH RANGARAJAN DR. SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY**

**DEPARTMENT OF CIVIL ENGINEERING**

**ACTION TAKEN REPORT (2023-24) (Winter Semester)**

| S.No. | Stakeholder | Feedback received | Action Taken |
|---|---|---|---|
| 1. | Dr. J. Logeshwari<br>Associate Professor | Insisted on the importance of the course Rock Engineering has to be included in the curriculum as it is mandatory for the students to learn about the properties | 10212CE145 - Rock Engineering has been included under Program Elective in Winter Semester 2023-24. |
| 2. | Er. L Suresh Kumar<br>Industrial Expert | FEM / Latest software's are to be used for analysis in structural laboratory | Value added course on "Hands on Training in Modelling and Detailing of Steel Structures using TEKLA Software" in Winter Semester 2023-24. |

**HoD /Civil**

**FRESHMAN ENGINEERING**

**FME-SoMC**

**Analysis and Action Taken Report of Faculty Feed back on Courses Handled**

**Academic Year 2023-24 (Winter Semester)**

| Sl. No. | Course offered to | Cour seCo de | Course Title | Faculty Feedback Report | Action taken |
|---|---|---|---|---|---|
| 1 | B.Tech.- I Year | 10210ME101 | Design Thinking | Revise the course content | The syllabus will be revised by emphasizing fundamental concepts and essential topics. |
| | B.Tech.- I Year | 10210ME201 | Engineering Graphics | Difficulty in syllabus completion. | Lesson plans will be revised to align with available instructional hours. |
| 2 | B.Tech.- I Year | 10210EE204 | Introduction to Engineering | Need for improved learning effectiveness | Activity-based teaching methods, tutorials, and problem-solving sessions will be strengthened. |
| 3 | B.Tech.- I Year | 10210EE301 | Engineering Products Laboratory | The course content in the experiments is extensive and difficult to complete within the allotted hours. | In the upcoming regulation, the course content will be revised. |

**FME–SoMC Coordinator** **Dean-FME**

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

## DEPARTMENT OF CHEMISTRY

**Analysis and Action Taken Report of Faculty Feedback on Courses Handled**

**Academic Year 2023-24 / Eng. Chem (Winter Semester) - R21**

| Sl. No. | Course offered to | Course Code | Course Title | Faculty Feedback Report | Action taken |
|---|---|---|---|---|---|
| 1 | B.Tech. | 10210CH105 | Engineering Chemistry | Providing additional support and individualized attention are recommended for slow learners. | At the end of each class, a brief discussion was conducted to help students understand the topic covered. Also, faculties ensured the audible volume throughout the class. |

**Head of the Department**

**Dean - FME**

Dr. M. Sivakumar
Dean - Freshman Engineering

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology

**DEPARTMENT OF CHEMISTRY**

**Analysis and Action Taken Report of Faculty Feedback on Courses Handled**

**Academic Year 2023-24 / ESS (Winter Semester) - R21**

| Sl. No. | Course offered to | Course Code | Course Title | Faculty Feedback Report | Action taken |
|---|---|---|---|---|---|
| 1 | B.Tech. | 10210CH103 | Environmental Studies | Providing additional support and individualized attention are recommended for slow learners. | At the end of each class, a brief discussion was conducted to help students understand the topic covered. |
| 2 | B.Tech. | 10210CH104 | Environmental Studies and Sustainability | Providing additional support and individualized attention are recommended for slow learners. | At the end of each class, a brief discussion was conducted to help students understand the topic covered. |

**Head of the Department**

**Dean - FME**

# Report of Analysis on Faculty Feedback on course handled

## Professional Communication II (10210EN202)

## WS AY 2023-2024

Faculty feedback on the course *Professional Communication II (10210EN202)* is systematically collected from the course-handling faculty to support continuous improvement of the course content. The feedback indicates that the syllabus is comprehensive and adequately designed to achieve the intended course outcomes. The reference books prescribed for the course are sufficient and readily available in the library.

The total number of periods allocated for completing the syllabus is adequate but expecting an extra hour to complete the portions. Students possess the necessary prerequisite knowledge to effectively engage with and understand the course content. Faculty members are satisfied with the availability and accessibility of appropriate teaching and learning materials for effective course delivery.

The classrooms provided for conducting the course are well equipped and conducive to learning. Access to e-learning resources for students through the library is excellent. Most faculty members have participated in Faculty Development Programmes (FDPs), while a few are yet to attend. Appropriate and effective measures are in place to assess and evaluate the attainment of course outcomes.

**Action Taken Report of Faculty Feedback on Courses Handled**

| Sl. No. | Course offered to | Course Code | Course Title | Faculty Feedback Report | Action taken |
|---|---|---|---|---|---|
| 1 | B.Tech, – I year | 10210EN202 | Professional Communication - II | Good and excellent. Suggested to change assessment pattern. | Planned to get approval for the assessment pattern in the upcoming BoS. |

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

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

## DEPARTMENT OF MATHEMATICS

### Analysis and Action Taken Report of Faculty Feedback on Courses Handled

### Academic Year 2023-24 (Winter Semester)

| Sl. No. | Course offered to | Course Code | Course Title | Faculty Feedback Report | Action taken |
|---|---|---|---|---|---|
| 1 | B.Tech. - I Year | 10210MA102 | Calculus and Ordinary Differential equation | Excellent | - |
| 2 | B.Tech. - II, III, IV Year | 10210MA104 | Fourier Series and Transform Techniques | Excellent | - |
| 3 | B.Tech. - II, III, IV Year | 10210MA103 | Probability, Statistics and Queuing Theory | Excellent and Random process has to be included in unit 3 | The point have been discussed with all faculty and BOS member of the department. As it is not much essential to CSE students as they are dealing most of the network problems by queueing models. |
| 4 | B.Tech. - II, III, IV Year | 10210MA106 | Probability and Random Process | Good and 10% OF THE SYLLABUS MAY BE REDUCED | BOS members accept the syllabus and satisfied with the existing syllabus which is well adequate to ECE students. |
| 5 | B.Tech. - II, III, IV Year | 10210MA107 | Statistics and Numerical Methods | Good and Well adequate | - |
| 6 | B.Tech. - II, III, IV Year | 10210MA109 | Numerical Method | Good and Need to develop seminar activities to the students | CCs are informed to initiate for the implementation of seminar activity |
| 7 | B.Tech. - I Year | 10210MA111 | Bio Statistics | Good | - |
| 8 | B.Tech. - I Year | 10210MA203 | Vector Calculus & Complex Variable | Excellent | - |
| 9 | B.Tech. - II, III, IV Year | 10213MA101 | Operations Research | Good | - |
| 10 | B.Tech. - I Year | 10210MA204 | PROBABILITY & | Good | - |

| | | | | | |
|---|---|---|---|---|---|
| | | | NUMERICA L METHODS | | |
| 11 | B.Tech. - I Year | 10210MA205 | Probability and Statistics | Good | - |

J. [signature] 30/7/24.

**Head of the Department**

G. Gunasekaran 30/7/24

**Dean FME**

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

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

## DEPARTMENT OF PHYSICS

### Analysis and Action Taken Report of Faculty Feedback on Courses Handled

### Academic Year 2023-24 (Winter Semester)

| Sl. No. | Course offered to | Course Code | Course Title | Faculty Feedback Report | Action taken |
|---|---|---|---|---|---|
| 1. | B.Tech. I Year | 10210PH103 | Applied Physics | Good and Well adequate. Suggestions include adding more books to the library. Projector/smart board required for the classroom. | Procurement request given to the library. Faculty members are advised to correlate examples with the concepts in the lecture hours. |
| 2. | B.Tech. I Year | 10210ME102 | Universal Human Values - II | Good and well adequate. Suggestions include adding more books to the library. Projector/smart board required for the classroom. | Procurement request given to the library. The projector procurement request has been placed. Faculty members are requested to use either smart class room or Engg. Hive. Faculty members are advised to engage with teaching models to facilitate the easy understanding of concepts among students. |
| 3. | B.Tech. I Year | 10210PH302 | Modern physics lab | Excellent and well adequate. | - |

**Head of the Department**

# ACTION TAKEN REPORT

The faculty members' responses to feedback regarding course handling, course outcomes, prescribed textbooks for the library, and attending faculty development programs were collected on 29.05.24. The MBA IQAC committee meeting was held on 10.06.24, where the faculty's response was discussed. Based on these discussions, various suggestions and actions to be taken were identified.

**Members Present**

| S. No | Faculty ID | Faculty Name | Designation | Signature |
|---|---|---|---|---|
| 1 | TTS2943 | Dr. MARIYAPPAN. M.S. R | Dean / School of Management | |
| 2 | TTS3569 | Dr. RAVISHANKAR. K | HOD/ Department of Management | |
| 3 | TTS2534 | Dr. GEETA KESAVARAJ | ASSOCIATE PROFESSOR | |
| 4 | TTS2670 | Dr.P. ELANTHERAIYAN | ASSOCIATE PROFESSOR | |
| 5 | TTS3308 | Dr. MANOJ. G | ASSOCIATE PROFESSOR | |
| 6 | TTS3428 | Dr. SANKAR GANESH. R | ASSOCIATE PROFESSOR | |
| 7 | TTS3657 | Dr. S. RAJA | ASSOCIATE PROFESSOR | |
| 8 | TTS3180 | Dr. THANDAYUTHAPANI. S | ASSISTANT PROFESSOR | |
| 9 | TTS3678 | Dr. LUMINA JULIE.R | ASSISTANT PROFESSOR | |
| 10 | TTS 3680 | Dr.P. TAMILSELVAN | ASSISTANT PROFESSOR | |
| 11 | TTS3676 | Dr. RAJAPRIYA.M | ASSISTANT PROFESSOR | |
| 12 | TTS2671 | MRS. ASHLIN NIMO. J. R | ASSISTANT PROFESSOR | |
| 13 | TTS2775 | MRS.FELISIYA. M | ASSISTANT PROFESSOR | |
| 14 | TTS2821 | MR. ARULKRISHNAN. S | ASSISTANT PROFESSOR | |
| 15 | TTS3162 | MR. JAYAKUMAR. M | ASSISTANT PROFESSOR | |
| 16 | TTS2521 | MR. KOTTESWARAN. D | ASSISTANT PROFESSOR | |

| S.NO | Feed back | Action taken |
|---|---|---|
| 1. | Attended Faculty development program for the course | a) Operations Management<br>Dr. Elantheraiyan P, the faculty member who handles the Operations Management course, will attend the faculty development program (FDP) in the upcoming semester. |

10/6/24

Stakeholder
Feedback Co-ordinator

IQAC
Co-ordinator

HOD

Dean

Dr. K. Ravishankar
Head - Management Studies
Vel Tech

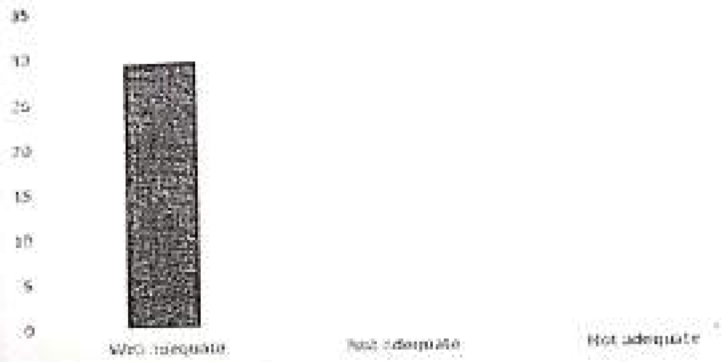
Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology

**Office of the Quality Assurance**

**Feedback On Course Handled -Winter Semester -AY 2023-2024**

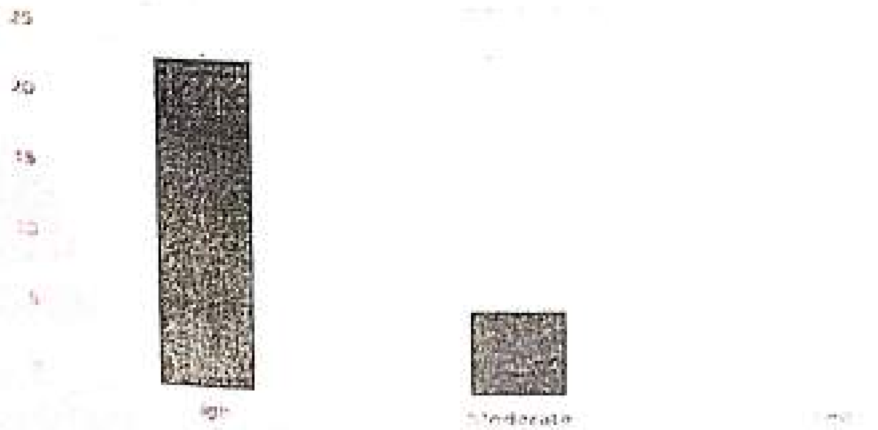
Department: MBA

1. Are the syllabus contents of the course adequate to attain all the course outcomes?

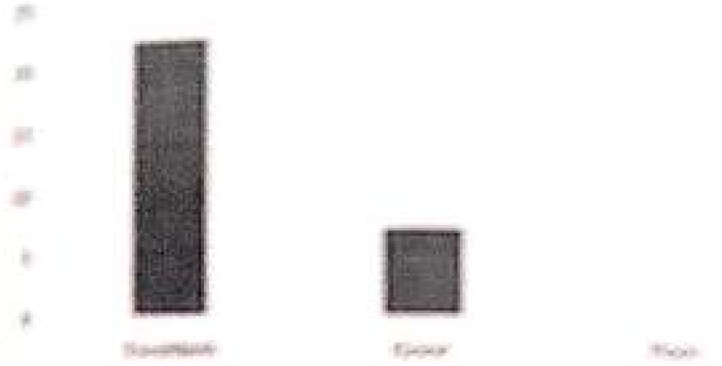


2. Are all the prescribed text and reference books of the course available in our library?


3. Adequateness of the total number of periods allotted to complete the delivery of the course contents



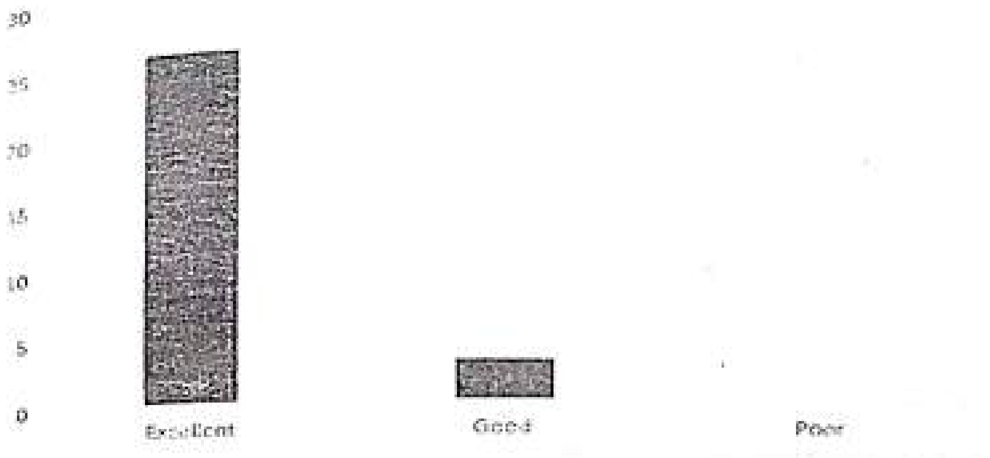
4. The extent of pre-requisite knowledge of students with respect to learning of this course contents



5. Freedom in accessing appropriate teaching aids for delivering the course

6. Classroom ambiance for students' learning

7. Accessibility of e-learning resources for the students




8. Have you attended any faculty development program for this course?


| S.No | Course title | Course code | Reason for not attending |
|---|---|---|---|
| 1 | Operations Management | 30211MG113 | Will attend |

9. Effectiveness of continuous assessments with respect to measurement of course outcomes


10. Your suggestions/comments, if any.

Nil

Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology University Avadi, Chennai

## SCHOOL OF LAW

## Analysis & Action Taken Report: Faculty Feedback on Courses Handled (Winter Semester 2023-24)

This report consolidates and analyses the feedback provided by 53 faculty members across the School of Law regarding the courses they handled during the Winter Semester 2023-24. The feedback covers critical aspects of course delivery, resource availability, infrastructure, and assessment methods. The primary goal is to identify systemic strengths, address gaps, and implement corrective measures to enhance the overall teaching-learning ecosystem.

The analysis reveals a high level of faculty satisfaction with syllabus adequacy and student preparedness. However, significant concerns are noted regarding Library Resource Volumes, Classroom Infrastructure, and access to Faculty Development Programs (FDPs). A clear action plan has been formulated to address these areas.

### 1. Syllabus & Course Design:

- Adequacy: 81% of faculty found the syllabus "Well Adequate" to attain course outcomes. 15% found it "Just Adequate", and only ~4% found it "Not Adequate".
- **Key Suggestions:**
  - Update syllabi with latest legal developments (e.g., Taxation Law).
  - Incorporate more practical components, case illustrations, and court visits.
  - Structure sessions to include moot courts, debates, and group discussions as part of internal assessment.

### 2. Library Resources:

- **Status:** While 66% reported "Adequate titles & volumes", a significant 30% indicated "Adequate titles but less volumes" or "Inadequate titles & volumes".

- **Key Suggestions/Requests:** Faculty specifically requested additional volumes for subjects like:
  - Law of Crimes-II, Alternative Dispute Resolution (10 vols each)
  - Investment Law, Law and Economics, Political Science
  - Environmental Law (5 vols), General English (most titles missing)

### 3. Period Allotment & Student Preparedness:

- **Period Allotment:** Majority (66%) found the period allotment "High" or "Moderate" and adequate. No major requests for extra periods were highlighted.
- **Student Pre-requisite Knowledge:** Over 90% rated student preparedness as "Good" to "Excellent". A critical outlier comment highlighted concerns about student quality, regularity, and admission screening processes.

### 4. Infrastructure & Teaching Aids:

- **Classroom Ambiance:** ~89% rated it as "Good" to "Excellent". Critical gaps noted include:
  - Need for proper furniture, ACs during summer, better lighting, and podiums.
- **E-Learning Resources:** Accessibility was rated positively by most. Suggestions focused on improving multi-user e-resource licenses and making platforms more student-friendly.

### 5. Faculty Development & Assessment:

- **FDP Attendance:** 43% attended 1-2 FDPs, 23% attended more than two, and a concerning 34% attended NIL.
- **Reason for Non-Attendance:** Primary reasons were "Non-availability of FDP in this subject" and "Not found".
- **Continuous Assessment Effectiveness:** 85% found assessments "More Effective". Key suggestions included:
  - Increasing number of internal tests from 2 to 3.
  - Including quizzes, practical problems, and viva voce.
  - Ensuring rigorous, non-compromised marking.

## C. Key Inferences

**Strengths:**

1. **Strong Syllabus Design:** Broad consensus on syllabus relevance and comprehensiveness.
2. **Faculty Competence & Student Readiness:** High ratings indicate effective foundational knowledge transfer.
3. **Positive Engagement with Assessment Methods:** Faculty are confident in the existing evaluation framework and are proposing constructive enhancements.

**Areas Requiring Immediate & Structured Intervention:**

1. **Resource Crunch in Library:** A clear pattern of insufficient book volumes and missing titles across core and niche law subjects.
2. **Infrastructure Deficits:** Specific classrooms lack basic amenities (AC, furniture, audio-visual podiums), affecting the teaching environment.
3. **Gap in Specialized FDPs:** A significant portion of faculty, especially those handling specialized law papers, have no access to relevant professional development.
4. **Need for Practical Pedagogy:** A strong, recurring faculty recommendation to move beyond theory through court visits, expert lectures, and simulated exercises.

## D. Action Taken / Planned Report

| Focus Area | Action Implemented / Planned | Responsibility |
|---|---|---|
| Library Resource Enhancement | Conduct a gap analysis based on this feedback with the Librarian. Initiate procurement for high-priority titles/volumes identified (e.g., Investment Law, ADR, Environmental Law).<br>- Review and expand e-resource | HOD, Department Librarian |

| | | |
|---|---|---|
| | subscriptions for multi-user access. | |
| Classroom Infrastructure Upgrade | Audit classroom facilities (furniture, lighting, cooling, audio).<br>- Create a phased plan for installing ACs, podiums, and repairing furniture in priority classrooms.<br>- Designate specific rooms as "Moot Court Halls" with requisite infrastructure. | SOL Dean & HOD |
| Targeted Faculty Development | Map FDP needs subject-wise based on faculty feedback.<br>- Collaborate with other law schools and bodies like BC/BAR Council to organize subject-specific workshops/webinars.<br>- Mandate a minimum of one subject-relevant FDP attendance per faculty per academic year. | IQAC, R&D Dept.<br>SOL Dean & HOD |
| Enriching Practical Exposure | Formalise Court Visit Calendar for relevant subjects (e.g., Professional Ethics, Criminology).<br>- Institute a "Practitioner Lecture | Course Coordinators, Moot Court Committee |

| | | |
|---|---|---|
| | Series" inviting lawyers/judges.<br>- Enhance Moot Court, Client Counselling, and Negotiation exercises as part of the curriculum | |
| Assessment Pattern Review | Pilot a 3rd Internal Assessment in select courses as suggested by faculty.<br>- Encourage and provide rubrics for innovative assessments (Quizzes, Case Study Presentations, Drafting Exercises).<br>- Reiterate policy of rigorous and unbiased marking in academic meetings. | Board of Studies (BoS), Examination Cell, HOD |

The faculty feedback for Winter Semester 2023-24 provides invaluable, actionable insights directly from the frontline of delivery. While the academic core is robust, the supporting ecosystem, physical infrastructure, learning resources, and specialized training requires strategic investment. The actions outlined above are designed to systematically address these gaps.

**HOD - SOL**

**Dr. B. Someswara Rao**
Head of the Department
School of Law
Vel Tech

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

## Department of Commerce and Business Administration

## Analysis and Action Taken Report of Faculty Feedback on courses Handled

## Academic Year 2023-24 Forensic Accounting and Fraud Investigation

## (Winter Semester) R 21

| S.No | Courses offered to | Course code | Course title | Faculty Feedback report | Action Taken |
|---|---|---|---|---|---|
| 1 | B.Com | 80212PA110 | Forensic Accounting and Fraud Investigation | Smart classroom facilities are required to enhance the effectiveness of teaching through digital presentations and interactive learning methods. | Submitted a proposal to the management for the installation of a smart board and necessary digital infrastructure to support technology-enabled teaching. |

Y. L
**Head of the Department**

Head of the Department
Commerce
Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology

Y. L
**Dean**

Head of the Department
Commerce
Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology