

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)
DEPARTMENT OF BIOMEDICAL ENGINEERING
FACULTY PARTICIPATON IN VARIOUS PROGRAMMES
ACADEMIC YEAR 2023-2024

| CONVENER & COORDINATOR | | | | | |
|-----------------------------------|--------------------------|---------------------------------|---|------------------------|-------------|
| S. No | Name of the staff | Programme Responsibility | Topic | Program details | |
| | | | | Venue | Date |
| 1 | Dr.S.Mangai | Organizing Chair | ICECCT | VCET | 2023 |
| 2 | Dr. S.K.Manikandan | Publication Chair | ICECCT | VCET | 2023 |
| 3 | Dr.S.Mangai | Convenor | Oxidative Stress Markers And Their Impact On The Metabolic Profile In Patients With Polycystic Ovary Syndrome | VCET - BME | 31.01.2024 |
| 4 | S. Maheswari | Organizing Secretary | Oxidative Stress Markers And Their Impact On The Metabolic Profile In Patients With Polycystic Ovary Syndrome | VCET - BME | 31.01.2024 |

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)
DEPARTMENT OF BIOMEDICAL ENGINEERING
FACULTY PARTICIPATON IN VARIOUS PROGRAMMES
ACADEMIC YEAR 2023-2024

| RESOURCE PERSON | | | | | |
|------------------------|--------------------------|---|--|--|-------------------------|
| S. No | Name of the staff | Type of Programme | Topic | Program details | |
| | | | | Venue | Date |
| 1. | Dr. N. Jeyashanthi | National Conference | Recent advances of nanoscience in healthcare | KSR Institute for Engineering and Technology | 02.11.2023 & 03.11.2023 |
| 2. | S.Yamunadevi | Student Enrichment Program | Equipments Used In Minimal Invasive Surgery | Velalar College of Engineering & Technology | 02.06.2023 |
| 3. | Dr.S.Sudha | SERB Sponsored Seminar | AI in Precision Agriculture | Sri Krishna College of Technology | 22.02.2024 |
| 4. | Dr.S.Sudha | SERB Sponsored Seminar | Deep Learning in Precision Agriculture | Sri Krishna College of Technology | 07.03.2024 |
| 5. | Dr.S.Mangai | 2 nd International Conference on Artificial Intelligence and Machine Learning Applications | Technical Committee member | K.S.Rangasamy College of Technology | 15.03.2024 - 16.03.2024 |
| 6. | Mr.K.Rajaram | 2 nd International Conference on Artificial Intelligence and Machine Learning Applications | Technical Committee member | K.S.Rangasamy College of Technology | 15.03.2024 - 16.03.2024 |
| 7. | S.Maheswari | 2 nd International Conference on Artificial Intelligence and Machine Learning Applications | Technical Committee member | K.S.Rangasamy College of Technology | 15.03.2024 - 16.03.2024 |
| 8. | Dr.J.Rajalakshmi | Seminar | Health Care Information Technology | VCET | 24.04.2024 |

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)
DEPARTMENT OF BIOMEDICAL ENGINEERING
FACULTY PARTICIPATON IN VARIOUS PROGRAMMES
ACADEMIC YEAR 2023-2024

| APPRECIATION | | | | | |
|---------------------|--------------------------|--------------------------|---|--|-------------------------------|
| S. No | Name of the staff | Type of Programme | Topic | Program details | |
| | | | | Venue | Date |
| 1. | Dr.S.Mangai | Hackathon | Internal Hackathon | VCET | 09.09.2023 |
| 2. | Dr.S.Mangai | Seminar | Implementation of Artificial Intelligence In Digital Therapeutics For Clinical Development Transforming The Practice Of Medicine | VCET | 04.04.2024 |
| 3. | Dr.S.Mangai | Conference | IoT- Based Intelligent Crop Protection and Surveillance System from Climatic Changes and Wild Animals | Sri Krishna College of Engineering | 28.02.2024 |
| 4. | Dr.S.K.Manikandar | Hackathon | Internal Hackathon | VCET | 14.09.2023 |
| 5. | R. Saravanakumar | Hackathon | Internal Hackathon | VCET | 14.09.2023 |
| 6. | P.Ravikumar | Reviewer | IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics | SAHYADRI COLLEGE OF ENGINEERING & MANAGEMENT | 13.10.2023 - 14.10.2023 |
| 7. | Dr.M.Ponni Bala | Conference | IoT- Based Intelligent Crop Protection and Surveillance System from Climatic Changes and Wild Animals | Sri Krishna College of Engineering | 28.02.2024 |
| 8. | Dr.J.Rajalakshmi | Conference | IoT- Based Intelligent Crop Protection and Surveillance System from Climatic Changes and Wild Animals | Sri Krishna College of Engineering | 28.02.2024 |
| 9. | Dr.S.Sudha | Seminar | Implementation of Artificial Intelligence In Digital Therapeutics For Clinical Development | VCET | 04.04.2024 |

| | | | | | |
|-----|--------------------------|---------------------|--|--|--------------------------|
| | | | Transforming The Practice Of Medicine | | |
| 10. | Dr.S.Sudha | Conference-Reviewer | AI for Healthcare and Life Science | MIT Art Design and Technology University | 25.04.2024 - 27.04.2024 |
| 11. | P. Georgia Chris Selwyna | FDP | LabVIEW | VCET | 01.02.2024 to 03.02.2024 |
| 12. | P. Georgia Chris Selwyna | Conference-Reviewer | 3 rd IEEE International Conference on Artificial Intelligence for Internet of Things | Vellore Institute of Technology | 03.05.2024 - 04.05.2024 |
| 13. | S. Maheswari | Conference | IoT- Based Intelligent Crop Protection and Surveillance System from Climatic Changes and Wild Animals | Sri Krishna College of Engineering | 28.02.2024 |
| 14. | R. Saravanakumar | Seminar | Implementation of Artificial Intelligence In Digital Therapeutics For Clinical Development Transforming The Practice Of Medicine | VCET | 04.04.2024 |
| 15. | M. Sharmila | Seminar | Implementation of Artificial Intelligence In Digital Therapeutics For Clinical Development Transforming The Practice Of Medicine | VCET | 04.04.2024 |
| 16. | R. Leelavathi | Hackathon | Internal Hackathon | VCET | 09.09.2023 |
| 17. | S. Maheswari | Reviewer | Second International Conference on Artificial Intelligence and Madras section | K S Rangasamy College of Technology | 07.02.2024 |
| 18. | Dr.J.Rajalakshmi | Reviewer | 10 th International Conference on Communication and Signal Processing | Adhiparasakthi Engineering College | 12.04.2024 - 13.04.2024 |

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)
DEPARTMENT OF BIOMEDICAL ENGINEERING
FACULTY PARTICIPATON IN VARIOUS PROGRAMMES
ACADEMIC YEAR 2023-2024

| FACULTY DEVELOPMENT TRAINING PROGRAM & SHORT TERM TRAINING PROGRAM | | | | | |
|---|--------------------------|--------------------------|---|---|------------------------|
| S. No | Name of the staff | Type of Programme | Topic | Program details | |
| | | | | Venue | Date |
| 1. | Dr.S.Mangai | FDP | Outcome based curriculum development | National institute of technical teachers training and research Chandigarh | 11.09.2023 -15.09.2023 |
| 2. | Dr.S.Mangai | FDP | Labview DAQ & Biomedical Sensor Interface using Graphical System Design | VCET-BME | 01.02.2024-03.02.2024 |
| 3. | Dr. N. Jeyashanthi | FDP | Outcome based curriculum development | National institute of technical teachers training and research Chandigarh | 11.09.2023 -15.09.2023 |
| 4. | Dr. N. Jeyashanthi | FDP | Cell Culture Technologies | NPTEL - AICTE | AUG-OCT 2023 |
| 5. | Dr. N. Jeyashanthi | FDP | Virtual Labs | PALS-VLAB | 16.10.2023-18.10.2023 |
| 6. | Dr. N. Jeyashanthi | FDP | Recent Advances in Smart Materials and Sensor Technology | Paavai Engineering College | 12.02.2024-17.02.2024 |
| 7. | Dr. N. Jeyashanthi | FDP | Labview DAQ & Biomedical Sensor Interface using Graphical System Design | VCET-BME | 01.02.2024-03.02.2024 |
| 8. | Dr. N. Jeyashanthi | FDP | Human Physiology | NPTEL - AICTE | Jan-Apr 2024 |
| 9. | Dr.S.K.Manikandan | FDP | Research methodology and ethics in research publication | National institute of technical teachers training and research Chandigarh | 15.05.2023 -19.05.2023 |
| 10. | Dr.S.K.Manikandan | FDP | Curriculum Development for Outcome Based Education | National institute of technical teachers training and research | 11.09.2023 -15.09.2023 |

| | | | | | |
|-----|-------------------|-----|---|--|--------------------------|
| | | | | Chandigarh | |
| 11. | Dr.S.K.Manikandan | FDP | Labview DAQ & Biomedical Sensor Interface using Graphical System Design | VCET-BME | 01.02.2024-03.02.2024 |
| 12. | Dr. P. Ravikumar | FDP | Resourcefulness of Research | Dr.M.G.R Education and Research Institute | 13.07.2023-19.07.2023 |
| 13. | Dr. P. Ravikumar | FDP | Radiological Equipment | Kings Engineering College | 24.07.2023-29.07.2023 |
| 14. | Dr. P. Ravikumar | FDP | Introduction to machine learning (Tamil) | NPTEL - AICTE | JUL-SEP 2023 |
| 15. | Dr. P. Ravikumar | FDP | Outcome based curriculum development | National institute of technical teachers training and research Chandigarh | 11.09.2023 -15.09.2023 |
| 16. | Dr. P. Ravikumar | FDP | Data Science using R | National institute of technical teachers training and research Chandigarh | 17.07.2023-21.07.2023 |
| 17. | Dr. P. Ravikumar | FDP | AI and Machine Learning for Chip Design | Muthayammal Engineering College | 11.12.2023-16.12.2023 |
| 18. | Dr. P. Ravikumar | FDP | The Art of Research and Development | S.A. Engineering College | 26.12.2023-30.12.2023 |
| 19. | Dr. P. Ravikumar | FDP | Labview DAQ & Biomedical Sensor Interface using Graphical System Design | VCET-BME | 01.02.2024-03.02.2024 |
| 20. | Dr. P. Ravikumar | FDP | Based Design Approach in Biomedical Engineering | KSR IET | 04.03.2024-11.03.2024 |
| 21. | Dr.M.Ponni Bala | FDP | Tricks and techniques for research article | Baselios Mathews II college of engineering | 02.08.2023 |
| 22. | Dr.M.Ponni Bala | FDP | Sensors and Measurements | Biomedical Engineering, Alpha College of Engineering, Thirumazhisai, Chennai | 03.08.2023 to 05.08.2023 |
| 23. | Dr.M.Ponni Bala | FDP | Modern Medical Instrumentation | SRM Institute | 04.12.2023 - 08.12.2023 |

| | | | | | |
|-----|------------------|-----|---|---|-------------------------|
| 24. | Dr.M.Ponni Bala | FDP | Transformation in Health Care: Smart Technologies | IEEE-EMBS | 12.08.2023-30.09.2023 |
| 25. | Dr.M.Ponni Bala | FDP | Emerging Paradigms In Biomedical Healthcare Applications | Sathyabama institute of science and technology | 18.12.2023-23.12.2023 |
| 26. | Dr.M.Ponni Bala | FDP | Advanced Research In Biomedical Engineering | Saveetha Engineering College, Chennai | 29.01.2024 - 02.02.2024 |
| 27. | Dr.M.Ponni Bala | FDP | Labview DAQ & Biomedical Sensor Interface using Graphical System Design | VCET-BME | 01.02.2024-03.02.2024 |
| 28. | Dr.J.Rajalakshmi | FDP | Data science | Sathyabama institute of science and technology | 31.07.2023 - 04.08.2023 |
| 29. | Dr.J.Rajalakshmi | FDP | Frontiers in multidisciplinary research | School of basic sciences galgotias university | 16.08.2023 - 22.08.2023 |
| 30. | Dr.J.Rajalakshmi | FDP | Advanced Research In Biomedical Engineering | Saveetha Engineering College, Chennai | 29.01.2024 - 02.02.2024 |
| 31. | Dr.J.Rajalakshmi | FDP | Labview DAQ & Biomedical Sensor Interface using Graphical System Design | VCET-BME | 01.02.2024-03.02.2024 |
| 32. | S.Sudha | FDP | Effective teaching learning using social media | National institute of technical teachers training and research Chandigarh | 05.06.2023-09.06.2023 |
| 33. | S.Sudha | FDP | Frontiers in multidisciplinary research | School of basic sciences galgotias university | 16.08.2023 - 22.08.2023 |
| 34. | S.Sudha | FDP | Outcome Based Curriculum Development | National institute of technical teachers training and research Chandigarh | 11.09.2023-15.09.2023 |
| 35. | S.Sudha | FDP | Data Science using R | National institute of technical teachers training and research Chandigarh | 17.07.2023-21.07.2023 |

| | | | | | |
|-----|-----------|-----|--|--|-------------------------|
| 36. | S.Sudha | FDP | Design challenges and Realization of Wearable Antennas From Antenna Engineer Perspective | VCET | 18.12.2023-23.12.2023 |
| 37. | S.Sudha | FDP | Issues, Opportunities and Challenges in Smart Grid | The Kavery Engineering College | 20.02.2024-24.02.2024 |
| 38. | S.Sudha | FDP | Medical Device Regulatory Affairs | B.V.Raju Institute of Technology | 12.02.2024-16.02.2024 |
| 39. | S.Sudha | FDP | Labview DAQ & Biomedical Sensor Interface using Graphical System Design | VCET-BME | 01.02.2024-03.02.2024 |
| 40. | S.Sudha | FDP | Deep Learning Techniques for Social Media Analytics | Kongu Engineering College | 15.04.2024-20.04.2024 |
| 41. | C.Radhika | FDP | Resourcefulness of Research | Dr.M.G.R Education and Research Institute | 13.07.2023-19.07.2023 |
| 42. | C.Radhika | FDP | Emerging technologies for next generation networks | Kings Engineering College | 17.07.2023-22.07.2023 |
| 43. | C.Radhika | FDP | Frontiers in multidisciplinary research | School of basic sciences galgotias university | 16.08.2023 - 22.08.2023 |
| 44. | C.Radhika | FDP | Cloud Infrastructure | Sathyabama institute of science and technology | 21.08.2023 - 25.08.2023 |
| 45. | C.Radhika | FDP | Introduction to machine learning (Tamil) | NPTEL - AICTE | JUL-SEP 2023 |
| 46. | C.Radhika | FDP | Innovative Teaching Pedagogies | Government arts and science college for women | 29.02.2024-03.03.2024 |
| 47. | C.Radhika | FDP | Labview DAQ & Biomedical Sensor Interface using Graphical System Design | VCET-BME | 01.02.2024-03.02.2024 |

| | | | | | |
|-----|--------------------------|-----|---|---|-------------------------|
| 48. | D.Sasipreetha | FDP | Resourcefulness of Research | Dr.M.G.R Education and Research Institute | 13.07.2023-19.07.2023 |
| 49. | D.Sasipreetha | FDP | Transformation in Health Care: Smart Technologies | IEEE-EMBS | 12.08.2023-30.09.2023 |
| 50. | D.Sasipreetha | FDP | Cloud Infrastructure | Sathyabama institute of science and technology | 21.08.2023 - 25.08.2023 |
| 51. | D.Sasipreetha | FDP | Frontiers in multidisciplinary research | School of basic sciences galgotias university | 16.08.2023 - 22.08.2023 |
| 52. | D.Sasipreetha | FDP | Labview DAQ & Biomedical Sensor Interface using Graphical System Design | VCET-BME | 01.02.2024-03.02.2024 |
| 53. | K.Rajaram | FDP | Outcome based curriculum development | National institute of technical teachers training and research Chandigarh | 11.09.2023 -15.09.2023 |
| 54. | K.Rajaram | FDP | Deep Learning & AI Based Healthcare Systems | Coimbatore Institute Of Technology, Coimbatore | 18.12.2023 -24.12.2023 |
| 55. | K.Rajaram | FDP | Labview DAQ & Biomedical Sensor Interface using Graphical System Design | VCET-BME | 01.02.2024-03.02.2024 |
| 56. | N.N. Baalakumar | FDP | Outcome based curriculum development | National institute of technical teachers training and research Chandigarh | 11.09.2023 -15.09.2023 |
| 57. | N.N. Baalakumar | FDP | Labview DAQ & Biomedical Sensor Interface using Graphical System Design | VCET-BME | 01.02.2024-03.02.2024 |
| 58. | P. Georgia Chris Selwyna | FDP | Funding opportunities in engineering | National institute of technical teachers training and research Chandigarh | 24.07.2023 -28.07.2023 |
| 59. | P. Georgia Chris Selwyna | FDP | Sensors and measurements | Alpha college of engineering | 03.08.2023-05.08.2023 |

| | | | | | |
|-----|--------------------------|-----|---|---|-------------------------|
| | | | | | |
| 60. | P. Georgia Chris Selwyna | FDP | Cloud Infrastructure | Sathyabama institute of science and technology | 21.08.2023-25.08.2023 |
| 61. | P. Georgia Chris Selwyna | FDP | Recent advances, trends and challenges in nanomaterials characterization and techniques | Koneru lakshmaiah education foundation | 25.09.2023-29.09.2023 |
| 62. | P. Georgia Chris Selwyna | FDP | Cell Culture Technology | NPTEL-AICTE | AUG-OCT-2023 |
| 63. | P. Georgia Chris Selwyna | FDP | Labview DAQ & Biomedical Sensor Interface using Graphical System Design | VCET-BME | 01.02.2024-03.02.2024 |
| 64. | P. Georgia Chris Selwyna | FDP | Human Physiology | NPTEL-AICTE | Jan-Apr 2024 |
| 65. | S. Maheswari | FDP | Funding opportunities in engineering | National institute of technical teachers training and research Chandigarh | 24.07.2023-28.07.2023 |
| 66. | S. Maheswari | FDP | Tricks and techniques for research article | Baselios Mathews II college of engineering | 02.08.2023 |
| 67. | S. Maheswari | FDP | Frontiers in multidisciplinary research | School of basic sciences galgotias university | 16.08.2023 - 22.08.2023 |
| 68. | S. Maheswari | FDP | Cloud Infrastructure | Sathyabama institute of science and technology | 21.08.2023 - 25.08.2023 |
| 69. | S. Maheswari | FDP | Basic Life support & First Aid | AICTE in association with heka healthy you | 04.09.2023 |
| 70. | S. Maheswari | FDP | Outcome based curriculum development | National institute of technical teachers training and research Chandigarh | 11.09.2023-15.09.2023 |
| 71. | S. Maheswari | FDP | ECE Lab Practices using Multisim Live Online Simulator | VCET | 04.12.2023-08.12.2023 |
| 72. | S. Maheswari | FDP | The Art Of Research And Development | IEEE PCs Madras | 26.12.2023-30.12.2023 |
| 73. | S. Maheswari | FDP | Advanced Research In Biomedical Engineering | Saveetha Engineering College | 29.01.2024-02.02.2024 |

| | | | | | |
|-----|----------------|-----|---|---|-------------------------|
| 74. | S. Maheswari | FDP | Labview DAQ & Biomedical Sensor Interface using Graphical Design System | VCET-BME | 01.02.2024-03.02.2024 |
| 75. | S. Yamuna Devi | FDP | Funding opportunities in engineering | National institute of technical teachers training and research Chandigarh | 24.07.2023-28.07.2023 |
| 76. | S. Yamuna Devi | FDP | Sensors and measurements | Alpha college of engineering | 03.08.2023 - 05.08.2023 |
| 77. | S. Yamuna Devi | FDP | Recent advances, trends and challenges in nanomaterials characterization and techniques | Koneru lakshmaiah education foundation | 25.09.2023 - 29.09.2023 |
| 78. | S. Yamuna Devi | FDP | Modern Medical Instrumentation | SRM Institute | 04.12.2023 - 08.12.2023 |
| 79. | S. Yamuna Devi | FDP | Labview DAQ & Biomedical Sensor Interface using Graphical Design System | VCET-BME | 01.02.2024-03.02.2024 |
| 80. | S. Govindaraj | FDP | Funding opportunities in engineering | National institute of technical teachers training and research Chandigarh | 24.07.2023-28.07.2023 |
| 81. | S. Govindaraj | FDP | Tricks and techniques for research article | Baselios Mathews II college of engineering | 02.08.2023 |
| 82. | S. Govindaraj | FDP | Frontiers in multidisciplinary research | School of basic sciences galgotias university | 16.08.2023 - 22.08.2023 |
| 83. | S. Govindaraj | FDP | Outcome based curriculum development | National institute of technical teachers training and research Chandigarh | 11.09.2023-15.09.2023 |
| 84. | S. Govindaraj | FDP | ECE Lab Practices using Multisim Live Online Simulator | National institute of technical teachers training and research Chandigarh | 04.12.2023-08.12.2023 |

| | | | | | |
|-----|---------------|-----|--|---|-------------------------------|
| 85. | S. Govindaraj | FDP | The Art Of Research And Development | IEEE PCs Madras | 26.12.2023 -30.12.2023 |
| 86. | S. Govindaraj | FDP | Advanced Research in Biomedical Engineering | Saveetha Engineering College | 29.01.2024- 02.02.2024 |
| 87. | S. Govindaraj | FDP | Labview DAQ & Biomedical Sensor Interface using Graphical System Design | VCET-BME | 01.02.2024- 03.02.2024 |
| 88. | R. Indhumathi | FDP | Introduction to machine learning (Tamil) | NPTEL - AICTE | JUL-SEP 2023 |
| 89. | R. Indhumathi | FDP | Frontiers in multidisciplinary research | School of basic sciences galgotias university | 16.08.2023 - 22.08.2023 |
| 90. | R. Indhumathi | FDP | Virtual Labs | PALS-VLAB | 16.10.2023- 18.10.2023 |
| 91. | R. Indhumathi | FDP | 'EXPLORING THE NEXUS OF INDUSTRY 4.0 AND HEALTHCARE - CONTEXT, APPLICATIONS, ADVANTAGES AND CHALLENGES | RAJALAKSHMI ENGINEERING COLLEGE | 18.01.2024- 24.01.2024 |
| 92. | R. Indhumathi | FDP | Labview DAQ & Biomedical Sensor Interface using Graphical System Design | VCET-BME | 01.02.2024- 03.02.2024 |
| 93. | A. Kalyani | FDP | Funding opportunities in engineering | National institute of technical teachers training and research Chandigarh | 24.07.2023 -28.07.2023 |
| 94. | A. Kalyani | FDP | Sensors and measurements | Alpha college of engineering | 03.08.2023 - |

| | | | | | |
|------|------------------|-----|---|---|-------------------------------|
| | | | | | 05.08.2023 |
| 95. | A. Kalyani | FDP | Cloud Infrastructure | Sathyabama institute of science and technology | 21.08.2023 - 25.08.2023 |
| 96. | A. Kalyani | FDP | Recent advances, trends and challenges in nanomaterials characterization and techniques | Koneru lakshmaiah education foundation | 25.09.2023 - 29.09.2023 |
| 97. | A. Kalyani | FDP | Cell Culture Technology | NPTEL-AICTE | AUG-OCT-2023 |
| 98. | A. Kalyani | FDP | Modern Medical Instrumentation | SRM Institute | 04.12.2023 - 08.12.2023 |
| 99. | A. Kalyani | FDP | Labview DAQ & Biomedical Sensor Interface using Graphical System Design | VCET-BME | 01.02.2024-03.02.2024 |
| 100. | R. Saravanakumar | FDP | VLSI & Chip Design | PSG institute of technology | 24.07.2023 - 29.07.2023 |
| 101. | R. Saravanakumar | FDP | Cloud Infrastructure | Sathyabama institute of science and technology | 21.08.2023 - 25.08.2023 |
| 102. | R. Saravanakumar | FDP | Outcome based curriculum development | National institute of technical teachers training and research Chandigarh | 11.09.2023 -15.09.2023 |
| 103. | R. Saravanakumar | FDP | The Art Of Research And Development | IEEE PCs Madras | 26.12.2023 -30.12.2023 |
| 104. | R. Saravanakumar | FDP | Labview DAQ & Biomedical Sensor Interface using Graphical System Design | VCET-BME | 01.02.2024-03.02.2024 |
| 105. | M. Sharmila | FDP | Resourcefulness of Research | Dr.M.G.R Education and Research Institute | 13.07.2023-19.07.2023 |
| 106. | M. Sharmila | FDP | Transformation in Health Care: Smart Technologies | IEEE-EMBS | 12.08.2023-30.09.2023 |
| 107. | M. Sharmila | FDP | Cloud Infrastructure | Sathyabama institute of science and technology | 21.08.2023 - 25.08.2023 |
| 108. | M. Sharmila | FDP | Frontiers in | School of basic | 16.08.2023 |

| | | | | | |
|-----|---------------|-----|---|---|-------------------------------|
| | | | multidisciplinary research | sciences galgotias university | - 22.08.2023 |
| 109 | M. Sharmila | FDP | Introduction to machine learning (Tamil) | NPTEL - AICTE | JUL-SEP 2023 |
| 110 | M. Sharmila | FDP | Cell Culture Technologies | NPTEL - AICTE | AUG-OCT 2023 |
| 111 | M. Sharmila | FDP | Labview DAQ & Biomedical Sensor Interface using Graphical System Design | VCET-BME | 01.02.2024- 03.02.2024 |
| 112 | M. Sharmila | FDP | PYTHON | Star International Foundation for Research and Education | 19.03.2024- 25.03.2024 |
| 113 | M. Sharmila | FDP | Deep Learning Techniques For Social Media Analytics | Kongu Engineering College - Perundurai | 15.04.2024 – 20.04.2024 |
| 114 | M. Sharmila | FDP | Human Physiology | NPTEL - AICTE | Jan-Apr 2024 |
| 115 | R. Leelavathi | FDP | Funding opportunities in engineering | National institute of technical teachers training and research Chandigarh | 24.07.2023 -28.07.2023 |
| 116 | R. Leelavathi | FDP | Transformation in Health Care: Smart Technologies | IEEE-EMBS | 12.08.2023- 30.09.2023 |
| 117 | R. Leelavathi | FDP | Cloud Infrastructure | Sathyabama institute of science and technology | 21.08.2023 - 25.08.2023 |
| 118 | R. Leelavathi | FDP | Accreditation And Outcome Based Learning | NPTEL - AICTE | AUG-OCT 2023 |
| 119 | R. Leelavathi | FDP | Modern Medical Instrumentation | SRM Institute | 04.12.2023 - 08.12.2023 |
| 120 | R. Leelavathi | FDP | Labview DAQ & Biomedical Sensor Interface using Graphical System Design | VCET-BME | 01.02.2024- 03.02.2024 |

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY**(AUTONOMOUS)****DEPARTMENT OF BIOMEDICAL ENGINEERING****FACULTY PARTICIPATION IN VARIOUS PROGRAMMES****ACADEMIC YEAR 2023-2024**

| WORKSHOP | | | | | |
|-----------------|--------------------------|--------------------------|--|--|-------------------------------|
| S. No | Name of the staff | Type of Programme | Topic | Program details | |
| | | | | Organiser | Date |
| 1. | Dr.N.Jeyashanthi | Workshop | Brain Balancing and Hypnosis | Ramanujan College, University of Delhi | 13.10.2023 |
| 2. | S. Govindaraj | Workshop | Machine Learning | PANTECH E LEARNING PVT LTD. | 14.09.2023 |
| 3. | S. Govindaraj | Workshop | Artificial Intelligence | NoviTech R&D Private Limited | 25.09.2023 |
| 4. | S. Govindaraj | Workshop | Internet of Things | NoviTech R&D Private Limited | 29.09.2023 |
| 5. | S. Govindaraj | Workshop | Machine Learning and Deep Learning For Modern World Applications | Marcello Tech | 10.03.2024 |
| 6. | R. Saravanakumar | Workshop | SPSS in Research | Star International Foundation | 26.12.2023 - 30.12.2023 |
| 7. | M.Sharmila | Workshop | Brain Balancing and Hypnosis | Ramanujan College, University of Delhi | 13.10.2023 |
| 8. | M.Sharmila | Workshop | SPSS in Research | Star International Foundation | 26.12.2023 - 30.12.2023 |

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)
DEPARTMENT OF BIOMEDICAL ENGINEERING
FACULTY PARTICIPATON IN VARIOUS PROGRAMMES
ACADEMIC YEAR 2023-2024

| SEMINAR | | | | | |
|----------------|--------------------------|--------------------------|--|------------------------|-------------|
| S. No | Name of the staff | Type of Programme | Topic | Program details | |
| | | | | Organiser | Date |
| 1. | Dr. N. Jeyashanthi | Seminar | Oxidative Stress Markers And Their Impact On The Metabolic Profile In Patients With Polycystic Ovary Syndrome | VCET - BME | 31.01.2024 |
| 2. | Dr. N. Jeyashanthi | Seminar | Implementation of Artificial Intelligence In Digital Therapeutics For Clinical Development Transforming The Practice Of Medicine | VCET | 04.04.2024 |
| 3. | Dr.S.K.Manikandan | Seminar | Oxidative Stress Markers And Their Impact On The Metabolic Profile In Patients With Polycystic Ovary Syndrome | VCET - BME | 31.01.2024 |
| 4. | Dr.S.K.Manikandan | Seminar | Implementation of Artificial Intelligence In Digital Therapeutics For Clinical Development Transforming The Practice Of Medicine | VCET | 04.04.2024 |
| 5. | Dr. P. Ravikumar | Seminar | Oxidative Stress Markers And Their Impact On The Metabolic Profile In Patients With Polycystic Ovary Syndrome | VCET - BME | 31.01.2024 |
| 6. | Dr. P. Ravikumar | Seminar | Implementation of Artificial Intelligence | VCET | 04.04.2024 |

| | | | | | |
|----|------------------|---------|--|------------|------------|
| | | | In Digital Therapeutics For Clinical Development Transforming The Practice Of Medicine | | |
| 7. | Dr.M.Ponni Bala | Seminar | Oxidative Stress Markers And Their Impact On The Metabolic Profile In Patients With Polycystic Ovary Syndrome | VCET - BME | 31.01.2024 |
| 8. | Dr.M.Ponni Bala | Seminar | Implementation of Artificial Intelligence In Digital Therapeutics For Clinical Development Transforming The Practice Of Medicine | VCET | 04.04.2024 |
| 9. | Dr.J.Rajalakshmi | Seminar | Oxidative Stress Markers And Their Impact On The Metabolic Profile In Patients With Polycystic Ovary Syndrome | VCET - BME | 31.01.2024 |
| 10 | Dr.J.Rajalakshmi | Seminar | Implementation of Artificial Intelligence In Digital Therapeutics For Clinical Development Transforming The Practice Of Medicine | VCET | 04.04.2024 |
| 11 | S.Sudha | Seminar | Oxidative Stress Markers And Their Impact On The Metabolic Profile In Patients With Polycystic Ovary Syndrome | VCET - BME | 31.01.2024 |
| 12 | S.Sudha | Seminar | Implementation of Artificial Intelligence In Digital Therapeutics For Clinical Development Transforming The Practice Of Medicine | VCET | 04.04.2024 |
| 13 | C.Radhika | Seminar | Oxidative Stress | VCET - BME | 31.01.2024 |

| | | | | | |
|----|-----------------|---------|--|------------|------------|
| | | | Markers And Their Impact On The Metabolic Profile In Patients With Polycystic Ovary Syndrome | | |
| 14 | C.Radhika | Seminar | Implementation of Artificial Intelligence In Digital Therapeutics For Clinical Development Transforming The Practice Of Medicine | VCET | 04.04.2024 |
| 15 | D.Sasipreetha | Seminar | Oxidative Stress Markers And Their Impact On The Metabolic Profile In Patients With Polycystic Ovary Syndrome | VCET - BME | 31.01.2024 |
| 16 | D.Sasipreetha | Seminar | Implementation of Artificial Intelligence In Digital Therapeutics For Clinical Development Transforming The Practice Of Medicine | VCET | 04.04.2024 |
| 17 | K.Rajaram | Seminar | Oxidative Stress Markers And Their Impact On The Metabolic Profile In Patients With Polycystic Ovary Syndrome | VCET - BME | 31.01.2024 |
| 18 | K.Rajaram | Seminar | Implementation of Artificial Intelligence In Digital Therapeutics For Clinical Development Transforming The Practice Of Medicine | VCET | 04.04.2024 |
| 19 | N.N. Baalakumar | Seminar | Oxidative Stress Markers And Their Impact On The Metabolic Profile In Patients With Polycystic Ovary Syndrome | VCET - BME | 31.01.2024 |

| | | | | | |
|----|-------------------------|---------|--|---------------------------------|------------|
| 20 | N.N. Baalakumar | Seminar | Implementation of Artificial Intelligence In Digital Therapeutics For Clinical Development Transforming The Practice Of Medicine | VCET | 04.04.2024 |
| 21 | P.Georgia Chris Selwyna | Seminar | Global Dynamics in Teacher Education | Debre Jabor University Ethiopia | 05.10.2023 |
| 22 | P.Georgia Chris Selwyna | Seminar | Oxidative Stress Markers And Their Impact On The Metabolic Profile In Patients With Polycystic Ovary Syndrome | VCET - BME | 31.01.2024 |
| 23 | P.Georgia Chris Selwyna | Seminar | Implementation of Artificial Intelligence In Digital Therapeutics For Clinical Development Transforming The Practice Of Medicine | VCET | 04.04.2024 |
| 24 | S.Maheswari | Seminar | Implementation of Artificial Intelligence In Digital Therapeutics For Clinical Development Transforming The Practice Of Medicine | VCET | 04.04.2024 |
| 25 | S. Yamuna Devi | Seminar | Oxidative Stress Markers And Their Impact On The Metabolic Profile In Patients With Polycystic Ovary Syndrome | VCET - BME | 31.01.2024 |
| 26 | S. Yamuna Devi | Seminar | Implementation of Artificial Intelligence In Digital Therapeutics For Clinical Development Transforming The Practice Of Medicine | VCET | 04.04.2024 |
| 27 | S. Govindaraj | Seminar | Oxidative Stress Markers And Their Impact On The Metabolic Profile In | VCET - BME | 31.01.2024 |

| | | | | | |
|----|------------------|---------|--|------------|------------|
| | | | Patients With Polycystic Ovary Syndrome | | |
| 28 | S. Govindaraj | Seminar | Implementation of Artificial Intelligence In Digital Therapeutics For Clinical Development Transforming The Practice Of Medicine | VCET | 04.04.2024 |
| 29 | R. Indhumathi | Seminar | Oxidative Stress Markers And Their Impact On The Metabolic Profile In Patients With Polycystic Ovary Syndrome | VCET - BME | 31.01.2024 |
| 30 | R. Indhumathi | Seminar | Implementation of Artificial Intelligence In Digital Therapeutics For Clinical Development Transforming The Practice Of Medicine | VCET | 04.04.2024 |
| 31 | A. Kalyani | Seminar | Oxidative Stress Markers And Their Impact On The Metabolic Profile In Patients With Polycystic Ovary Syndrome | VCET - BME | 31.01.2024 |
| 32 | A. Kalyani | Seminar | Implementation of Artificial Intelligence In Digital Therapeutics For Clinical Development Transforming The Practice Of Medicine | VCET | 04.04.2024 |
| 33 | R. Saravanakumar | Seminar | Oxidative Stress Markers And Their Impact On The Metabolic Profile In Patients With Polycystic Ovary Syndrome | VCET - BME | 31.01.2024 |
| 34 | M. Sharmila | Seminar | Oxidative Stress Markers And Their Impact On The | VCET - BME | 31.01.2024 |

| | | | | | |
|----|---------------|---------|--|------------|------------|
| | | | Metabolic Profile In Patients With Polycystic Ovary Syndrome | | |
| 35 | R. Leelavathi | Seminar | Oxidative Stress Markers And Their Impact On The Metabolic Profile In Patients With Polycystic Ovary Syndrome | VCET - BME | 31.01.2024 |
| 36 | R. Leelavathi | Seminar | Implementation of Artificial Intelligence In Digital Therapeutics For Clinical Development Transforming The Practice Of Medicine | VCET | 04.04.2024 |

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)
DEPARTMENT OF BIOMEDICAL ENGINEERING
FACULTY PARTICIPATON IN VARIOUS PROGRAMMES
ACADEMIC YEAR 2023-2024

| WEBINAR | | | | | |
|----------------|--------------------------|--------------------------|---|---|-------------------------------|
| S. No | Name of the staff | Type of Programme | Topic | Program details | |
| | | | | Organiser | Date |
| 1 | Dr.S.Sudha | Webinar | Emerging Trends in Computer Science (IWETCS'23) | Jayaraj Annapackiam College for Women | 12.01.2024 |
| 2 | S.Maheswari | Webinar | Artificial Intelligence | NoviTech R&D Private Limited | 03.11.2023 – 04.11.2023 |
| 3 | S.Maheswari | Webinar | IEEE Xplore | VCET | 06.02.2024 |
| 4 | R. Leelavathi | Webinar | Biodegradable Polymers | Thiagarajar college of engineering | 25.08.2023 |
| 5 | A. Kalyani | Webinar | Biodegradable Polymers | Thiagarajar college of engineering | 25.08.2023 |
| 6 | R. Indhumathi | Webinar | Challenges and Opportunities for Microwave Antennas | QIS College Of Engineering And Technology | 12.01.2024 |
| 7 | M.Sharmila | Webinar | Emerging Trends in Computer Science (IWETCS'23) | Jayaraj Annapackiam College for Women | 12.01.2024 |
| 8 | P. Georgia Chris Selwyna | Webinar | Detection and Characterization of Antimicrobial Resistance in Agricultural, Food and Biosystems | Biosensors | 11.04.2024 |

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)
DEPARTMENT OF BIOMEDICAL ENGINEERING
FACULTY PARTICIPATON IN VARIOUS PROGRAMMES
ACADEMIC YEAR 2023-2024

| OTHERS | | | | | | |
|---------------|--------------------------|--------------------------|---|-----------|---|--------------------------|
| S. No | Name of the staff | Type of Programme | Topic | | Program details | |
| | | | | | Organiser | Date |
| 1. | Dr.J.Rajalakshmi | Awarness program | National intellectual property mission | awareness | Intellectual Property Office | 26.07.2023 |
| 2. | Dr.J.Rajalakshmi | Conference | Detection Classification | and | Ramakrishn an college of technology | 28.03.2024 |
| 3. | K.Rajaram | Training program | | | IEEE Madras section student summit | 14.10.2023 |
| 4. | K.Rajaram | Conference | Delegate | | Indian Association of gastrointest inal endosurgeo ns | 01.02.2024 to 04.02.2024 |
| 5. | N.N. Baalakumar | Conference | Delegate | | Indian Association of gastrointest inal endosurgeo ns | 01.02.2024 to 04.02.2024 |
| 6. | S.Maheswari | Masterclass | Artificial Intelligence | | NoviTech R&D Private Limited | 17.11.2023 To 24.11.2023 |
| 7. | S.Maheswari | Training Program | Intellectual Property Awareness Mission | | Intellectual Property Office | 11.03.2024 |
| 8. | S. Govindaraj | Awarness program | Fire prevention mitigates | | VCET – CIVIL Dept | 21.09.2023 |
| 9. | S. Govindaraj | Masterclass | Deep Learning | | Pantech e learning pvt | 28.9.2023 to |

| | | | | | |
|----|--------------------------|------------------|--|--|--------------------------|
| | | | | ltd. | 18.10.2023 |
| 10 | S. Govindaraj | Masterclass | Generative AI | Pantech e learning pvt ltd. | 08.01.2024 to 27.01.2024 |
| 11 | S. Govindaraj | Internship | Python Demystified Unraveling the Language | Marcello Tech | 26.02.2024 to 03.03.2024 |
| 12 | R. Saravanakumar | Training program | | MoE's Innovation Cell & AICTE | 07.12.2023 |
| 13 | R. Saravanakumar | Training program | | MoE's Innovation Cell & AICTE | 09.12.2023 |
| 14 | R. Saravanakumar | Quiz | Sardar Unity Trinity Quiz | | |
| 15 | R. Saravanakumar | Quiz | Dr.B.R. Ambedkar Quiz | | |
| 16 | R. Leelavathi | Training program | | MoE's Innovation Cell & AICTE | 08.12.2023 |
| 17 | R. Leelavathi | Training program | | MoE's Innovation Cell & AICTE | 22.12.2023 |
| 18 | P. Georgia Chris Selwyna | e-Quiz | National level E-Quiz | Muthayam mal College of Arts and Science | 04.02.2024 |

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)
DEPARTMENT OF BIOMEDICAL ENGINEERING
FACULTY PARTICIPATON IN VARIOUS PROGRAMMES
ACADEMIC YEAR 2023-2024

| NPTEL Certification | | | |
|----------------------------|-------------------------|--|---------------------|
| S.No | NAME | COURSE | CERTIFIED |
| 1. | Dr.N.Jeyashanthi | Cell Culture Technologies | Elite+Silver |
| 2. | Dr.N.Jeyashanthi | Human Physiology | Completed |
| 3. | Dr.P.Ravikumar | Introduction to Machine Learning | Elite |
| 4. | Dr. S. Sudha | Control System | Elite+Silver |
| 5. | Dr. S. Sudha | Principles of Signals and Systems | Elite |
| 6. | C.Radhika | Introduction to Machine Learning | Elite |
| 7. | S.Govindaraj | Control System | Completed |
| 8. | S.Govindaraj | Principles of Signals and Systems | Elite |
| 9. | M Sharmila | Cell Culture Technologies | Elite |
| 10 | M Sharmila | Human Physiology | Completed |
| 11 | M Sharmila | Introduction to Machine Learning | Elite |
| 12 | R. Indumathi | Introduction to Machine Learning | Elite+Silver |
| 13 | A.Kalyani | Introduction to Mechanobiology | Completed |
| 14 | A.Kalyani | Cell Culture Technologies | Completed |
| 15 | P.Georgia Chris Selwyna | Introduction to Mechanobiology | Elite |
| 16 | P.Georgia Chris Selwyna | Cell Culture Technologies | Elite |
| 17 | P.Georgia Chris Selwyna | Human Physiology | Completed |
| 18 | R.Leelavathi | Accreditation and Outcome Based Learning | Elite+Silver |

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)
DEPARTMENT OF BIOMEDICAL ENGINEERING
FACULTY PARTICIPATON IN VARIOUS PROGRAMMES
ACADEMIC YEAR 2023-2024

| NPTEL Mentor | | | |
|---------------------|--------------------|--|----------------|
| S.No | NAME | COURSE | PERIOD |
| 1. | Dr. N. Jeyashanthi | Advance Course In Social Psychology | JUL – DEC 2023 |
| 2. | Dr.J.Rajalakshmi | Entrepreneurship | JUL – DEC 2023 |
| 3. | R. Indhumathi | Entrepreneurship | JUL – DEC 2023 |
| 4. | R. Saravanakumar | Electronic Systems For Cancer Diagnosis | JUL – DEC 2023 |
| 5. | R. Leelavathi | Entrepreneurship | JUL – DEC 2023 |