

**DEPARTMENT OF PHYSICS****ACTIVITIES (2024-2025)****(Association meetings, Guest Lectures, Celebration of Important days)**

| <b>S.No</b> | <b>Date</b> | <b>Topic</b>  | <b>Resource Person<br/>(designation with<br/>complete official<br/>address)</b>   | <b>Event</b>                  | <b>Platform</b> |
|-------------|-------------|---|---|-------------------------------|-----------------|
| 1           | 12.07.2024  | Thermodynamics in<br>Everyday Life                                | Dr. G. Umadevi,<br>Associate Professor,<br>Department of Physics,<br>Government Arts<br>College,<br>Coimbatore- 641 018                             | Inaugural<br>Meeting          | Offline         |
| 2           | 09.07.2024  | Strategies for<br>Business Fit                                    | Ms. Tanya Siju, Thou Art<br>(Art Business), III B.SC.<br>Physics, Nirmala College<br>for Women<br>(Autonomous), Coimbatore                          | IIC<br>Session                | Offline         |
| 3           | 12.07.2024  | Thermodynamics in<br>Everyday Life                                | Dr. G. Umadevi,<br>Associate Professor,<br>Department of Physics,<br>Government Arts<br>College,<br>Coimbatore- 641 018                             | Inaugural<br>Meeting          | Offline         |
| 4           | 23.07.2024  | Ignite your Future:<br>Unveiling the<br>Physics Career<br>Options | Dr. D. Khanna<br>Assistant Professor<br>Department of Applied<br>Physics<br>Karunya Institute of<br>Technology and Sciences<br>Coimbatore – 641 114 | Career<br>Guidance<br>Program | Offline         |
| 5           | 27.08.2024  | Electronics – Its<br>importance and<br>Applications               | Dr. N. Sasi,  | Guest<br>Lecture              | Offline         |

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|----|------------|---|--|---------------|---------|
|    |            |   | Former Head and Associate Professor,<br>Department of Physics,<br>Nirmala College for Women,<br>Coimbatore- 641 018                      |               |         |
| 6  | 16.10.2024 | Artificial Intelligence in Physics                                    | Dr. B. Rosiline Jeetha<br>Associate Professor & Head<br>Department Computer Science<br>Nirmala College for Women<br>Coimbatore – 641 018 | Guest Lecture | Offline |
| 7  | 25.10.2024 | Solid State Physics   | Dr. Deepapriya S<br>Assistant Professor<br>Department of Physics<br>Auxilium College<br>Vellore  | Guest Lecture | Online  |
| 8  | 14.12.2024 | Guiding Insights and Reflections on Research Journey<br>Light: and on | Ms. R. Antonette Divya Faustina<br>Alumna (Batch 2016-2019)<br>Research Scholar, SRM Institute of Science & Technology, Chennai.         | Guest Lecture | Online  |
| 9  | 07.02.2025 | Yoga: A Holistic Practice for Balancing Body, Mind, and Spirit        | Dr. Sudha Sharma<br>Assistant Professor & Head<br>Department of Hindi,<br>Nirmala College for Women<br>Coimbatore – 641 018              | Life Skill    | Offline |
| 10 | 13.02.2025 | Solid State Physics   | Dr. Johncy Caroline. J<br>Assistant Professor,<br>Department of Chemistry,<br>Nirmala College for Women,<br>Coimbatore.                  | Guest Lecture | Online  |

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|----|------------|---|--|------------------|--------|
| 11 | 19.02.2025 | Exploring the Foundations of Atomic Physics | Dr. V. G. Brindha,<br>Assistant Professor,<br>Department of Physics<br>(S.F), PSG College of<br>Arts and Science,<br>Coimbatore – 614 014. | Guest<br>Lecture | Online |
|----|------------|---|--|------------------|--------|

**State level Hands-on Training programmes Organized by the Department**

| <b>S. No</b> | <b>DATE</b> | <b>TOPIC</b>              | <b>RESOURCE PERSON</b>   | <b>No. of Participants</b> | <b>Platform</b> |
|--------------|-------------|---------------------------|--|----------------------------|-----------------|
| 1            | 06.02.2025  | Computer Programming in C | Dr. P. Avila<br>Clemenshia<br>Assistant Professor<br>Department<br>Computer Science<br>Nirmala College for<br>Women<br>Coimbatore – 641<br>018 | 13                         | Offline         |

**WORKSHOPS, SEMINARS, CONFERENCES, SYMPOSIUMS, HANDS ON TRAININGS ORGANISED BY THE DEPARTMENT**

**State level Workshops Organized by the Department**

| <b>S. No</b> | <b>DATE</b> | <b>TOPIC</b>  | <b>RESOURCE PERSON</b>  | <b>No. of Participants</b> | <b>Platform</b> |
|--------------|-------------|---|---|----------------------------|-----------------|
| 1            | 20.01.2025  | Effective Sales and Marketing Strategies for Entrepreneurs/Startups | Dr. Chitra Isac,<br>Assistant Professor<br>and Head,<br>Department of<br>Retail Management,<br>Nirmala College for<br>Women<br>Coimbatore | 55                         | Offline         |

|   |            |                                 |  |    |         |
|---|------------|---------------------------------|--|----|---------|
| 2 | 15.02.2025 | Circuit Testing with Multimeter | Mr. S. P. Arul & A. Ganesh Kumar<br>Technical Head,<br>Mighty Electronics<br>Equipment's<br>Corporation,<br>Coimbatore | 40 | Offline |
|---|------------|---------------------------------|--|----|---------|

**International level Seminars and Conferences Organized by the Department**

| S. No | DATE       | TOPIC   | RESOURCE PERSON  | No. of Participants | Platform |
|-------|------------|---|--|---------------------|----------|
| 1     | 18.02.2025 | Exploring research opportunities abroad - A guide for young aspirants | Ms. Hephysiba K Siju,<br>Alumna (Batch: 2018-2021), National Chung Hsing University,<br>Taiwan | 31                  | Online   |

**ACTIVITIES RELATED TO FACULTY MEMBERS  
FACULTY MEMBERS AWARDED Ph.D.,**

| S. No | Name of the Staff | Date of Regn | Date of Viva-Voce | Title  | Name of the Supervisor         |
|-------|-------------------|--------------|-------------------|--|--------------------------------|
| 1     | S. Krishnaveni    | 22.12.2018   | 09.08.2024        | Quantum Chemical Investigations of Organic Dyes for Dye Sensitized Solar Cells Using Density Functional Theory | Dr. V. Sathyanarayananamoorthi |

**FDP ATTENDED BY THE FACULTY**

| <b>S.No</b> | <b>Date</b>                   | <b>Name of the faculty</b>   | <b>Title</b>                                       | <b>Organized by</b>  | <b>Online/Offline</b> |
|-------------|-------------------------------|------------------------------|--|--|-----------------------|
| 1           | 18.06.2024<br>-<br>28.06.2024 | Dr. Amutha                   | NEP Orientation and sterilization program          | UGC- Malaviya Mission Teacher training Centre (GAD-MMTTC), a Centre of UGC & Ministry of education | Online                |
| 2           | 22.06.2024                    | Ms. R. Leethiyal             | AI Tools for teaching                              | Star International Foundation for Research and Education   | Online                |
| 3           | 22.06.2024                    | Mrs. A. Yuvarani             | AI Tools for teaching                              | Star International Foundation for Research and Education   | Online                |
| 4           | 25.06.2024                    | Dr. Amutha                   | Lecture series on "Teacher as Facilitators"        | The International quality assurance cell, Dr. M.G.R. Educational and Research Institute            | Online                |
| 5           | 26.06.2024                    | Dr. Amutha                   | Lecture series on "Navigation the art of teaching" | The International quality assurance cell, Dr. M.G.R. Educational and Research Institute            | Online                |
| 6           | 29.06.2024                    | Dr. Amutha                   | Seminar on "Empowering Educators for Tomorrow"     | The International quality assurance cell, Dr. M.G.R. Educational and Research Institute            | Online                |
| 7           | 1.07.2024 – 08.07.2024        | Mrs. W. Maria Therease Ramya | Research Paper Writing                             | Research Foundation of India   | Online                |
| 8           | 1.07.2024 – 08.07.2024        | Ms. R. Leethiyal             | Research Paper Writing                             | Research Foundation of India   | Online                |
| 9           | 27.07.2024                    | Dr. Amutha                   | Lecture series on "student engagement"             | The International quality assurance cell,  | Online                |

|    |                         |                              |   |  |         |
|----|-------------------------|------------------------------|---|--|---------|
|    |                         |                              | through Effective teaching and learning                           | Dr. M.G.R. Educational and Research Institute                                    |         |
| 10 | 09.09.2024-13.09.2024   | Dr. R. Amutha                | Adapting to AI driven industry                                    | P. G. Department of Computer Science, Rajapalayam Raju's College, Rajapalayam    | Online  |
| 11 | 09.09.2024-13.09.2024   | W. Maria Therease Ramya      | Adapting to AI driven industry                                    | P. G. Department of Computer Science, Rajapalayam Raju's College, Rajapalayam    | Online  |
| 12 | 09.09.2024-13.09.2024   | R. Leethiyal                 | Adapting to AI driven industry                                    | P. G. Department of Computer Science, Rajapalayam Raju's College, Rajapalayam    | Online  |
| 13 | 09.09.2024-13.09.2024   | A. Yuvarani                  | Adapting to AI driven industry                                    | P. G. Department of Computer Science, Rajapalayam Raju's College, Rajapalayam    | Online  |
| 14 | 25.11.2024 – 30.11.2024 | Dr. R. Amutha                | Recent Advances in Functional Materials and Characterizations     | Department Physics, SRM Institute of Science and Technology, Ramapuram, Chennai. | Online  |
| 15 | 04.12.2025              | Dr. R. Amutha                | Learning outcome based curriculum framework in the context of NEP | IQAC, Nirmala College for Women, Coimbatore                                      | Offline |
| 16 | 04.12.2025              | Mrs. W. Maria Therease Ramya | Learning outcome based curriculum framework in the context of NEP | IQAC, Nirmala College for Women, Coimbatore                                      | Offline |
| 17 | 04.12.2025              | Ms. R. Leethiyal             | Learning outcome based  | IQAC, Nirmala College for  | Offline |

|    |                       |                              |   |  |         |
|----|-----------------------|------------------------------|---|--|---------|
|    |                       |                              | curriculum framework in the context of NEP                        | Women, Coimbatore  |         |
| 18 | 04.12.2025            | Mrs. A. Yuvarani             | Learning outcome based curriculum framework in the context of NEP | IQAC, Nirmala College for Women, Coimbatore                                    | Offline |
| 19 | 04.12.2025            | Dr. S. Krishnaveni           | Learning outcome based curriculum framework in the context of NEP | IQAC, Nirmala College for Women, Coimbatore                                    | Offline |
| 20 | 20.01.2025-24.01.2025 | Dr. S. Krishnaveni           | Advancements in Material Science                                  | Department of Physics, KPR Institute of Engineering and Technology, Coimbatore | Online  |
| 21 | 27.01.2025            | Dr. R. Amutha                | Exploring Ethical Hacking Tools                                   | Nirmala College for Women, Coimbatore  | Offline |
| 22 | 27.01.2025            | Mrs. W. Maria Therease Ramya | Exploring Ethical Hacking Tools                                   | Nirmala College for Women, Coimbatore  | Offline |
| 23 | 27.01.2025            | Ms. R. Leethiyal             | Exploring Ethical Hacking Tools                                   | Nirmala College for Women, Coimbatore  | Offline |
| 24 | 27.01.2025            | Mrs. A. Yuvarani             | Exploring Ethical Hacking Tools                                   | Nirmala College for Women, Coimbatore  | Offline |
| 25 | 17.03.2025-27.03.2025 | Dr. R. Amutha                | Frontiers in Material Science                                     | SRM Institute of Science and Technology, Ramapuram, Chennai                    | Online  |
| 26 | 17.03.2025-27.03.2025 | Dr. W. Maria Therease Ramya  | Frontiers in Material Science                                     | SRM Institute of Science and Technology, Ramapuram, Chennai                    | Online  |
| 27 | 17.03.2025-27.03.2025 | Ms. R. Leethiyal             | Frontiers in Material Science                                     | SRM Institute of Science and Technology,                                       | Online  |

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|----|-------------------------------|-----------------------------------|---|---|--------|
|    |                               |                                   |   | Ramapuram,<br>Chennai   |        |
| 28 | 17.03.2025-<br>27.03.2025     | Mrs. A.<br>Yuvarani               | Frontiers in<br>Material Science  | SRM Institute of<br>Science and<br>Technology,<br>Ramapuram,<br>Chennai                               | Online |
| 29 | 01.04.2025<br>–<br>05.04.2025 | Dr. R.<br>Amutha                  | Nanotechnology<br>in Environmental<br>Sustainability for<br>Tomorrow<br>(NEST'25) | VELAMMAL<br>COLLEGE OF<br>ENGINEERING<br>AND<br>TECHNOLOGY<br>(AUTONOMOUS),<br>Viraganoor,<br>Madurai | Online |
| 30 | 01.04.2025<br>–<br>05.04.2025 | Dr. W. Maria<br>Therease<br>Ramya | Nanotechnology<br>in Environmental<br>Sustainability for<br>Tomorrow<br>(NEST'25) | VELAMMAL<br>COLLEGE OF<br>ENGINEERING<br>AND<br>TECHNOLOGY<br>(AUTONOMOUS),<br>Viraganoor,<br>Madurai | Online |
| 31 | 01.04.2025<br>–<br>05.04.2025 | Ms. R.<br>Leethiyal               | Nanotechnology<br>in Environmental<br>Sustainability for<br>Tomorrow<br>(NEST'25) | VELAMMAL<br>COLLEGE OF<br>ENGINEERING<br>AND<br>TECHNOLOGY<br>(AUTONOMOUS),<br>Viraganoor,<br>Madurai | Online |
| 32 | 01.04.2025<br>–<br>05.04.2025 | Dr. S.<br>Krishnaveni             | Nanotechnology<br>in Environmental<br>Sustainability for<br>Tomorrow<br>(NEST'25) | VELAMMAL<br>COLLEGE OF<br>ENGINEERING<br>AND<br>TECHNOLOGY<br>(AUTONOMOUS),<br>Viraganoor,<br>Madurai | Online |
| 33 | 03.05.2025-<br>25.05.2025     | Dr. S.<br>Krishnaveni             | Quantum<br>Computing  | Centre for<br>Development of<br>Advanced  | Online |



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|  |  |  |  | Computing,<br>Hyderabad<br>& Indian Institute<br>of Technology,<br>Roorkee with the<br>support of<br>Ministry of<br>Electronics and<br>Information<br>Technology,<br>Government of<br>India. |  |
|--|--|--|--|--|--|

### TRAINING PROGRAMMES ATTENDED BY THE FACULTY

| S.No | Date                          | Name of the faculty        | Title   | Organized by                     | Online/Offline |
|------|-------------------------------|----------------------------|---|----------------------------------|----------------|
| 1    | 04.11.2024<br>–<br>12.11.2024 | W. Maria<br>Therease Ramya | NEP 2020<br>Orientation &<br>Sensitization<br>Programme | Central University<br>of Kerala  | Online         |
| 2    | 04.11.2024<br>–<br>12.11.2024 | R. Leethiyal               | NEP 2020<br>Orientation &<br>Sensitization<br>Programme | Central University<br>of Kerala, | Online         |

### PARTICIPATION OF THE FACULTY IN SEMINARS

| S. No | Date       | Name of the faculty | Title  | National/Intl | Organizing Committee with Address                              | Platform |
|-------|------------|---------------------|--|---------------|--|----------|
| 1     | 27.11.2024 | Dr. R.<br>Amutha    | Steps to write<br>persuasive<br>project proposal<br>organized by the<br>IQAC | National      | Dr. M. G.<br>R.<br>Educational<br>and<br>Research<br>Institute | Online   |

### PARTICIPATION OF THE FACULTY IN WORKSHOPS

| S. No | Date | Name of the faculty | Title | National/Intl | Organizing Committee with Address | Platform |
|-------|------|---------------------|-------|---------------|-----------------------------------|----------|
|-------|------|---------------------|-------|---------------|-----------------------------------|----------|

|   |            |               |  |          |                       |        |
|---|------------|---------------|--|----------|-----------------------|--------|
| 1 | 19.11.2024 | Dr. R. Amutha | Freem Computing: Sustainability Through Imation Technology | National | A.C.T Academy, Kerala | Online |
| 2 | 19.11.2024 | A. Yuvarani   | Freem Computing: Sustainability Through Ination Technology | National | A.C.T Academy, Kerala | Online |

### PUBLICATION BY THE FACULTY IN INTERNATIONAL JOURNALS

| S. No | Month & Year   | Name of the faculty          | Topic  | Name of the Journal  | Vol No, Issue No, Pg No | ISSN         | Impact factor | Indexing Details |
|-------|----------------|------------------------------|--|--|-------------------------|--------------|---------------|------------------|
| 1     | August 2024    | W. Maria Therease Ramya      | Flexible PVP/PEO/MnO <sub>2</sub> Polymer Nanocomposites based Cathode Material for Asymmetric Supercapacitor  | Asian Journal of Chemistry                                     | 36, 10, 2431-2442       | 0975 - 427 X | 1.68          | Scopus           |
| 2     | December, 2024 | Ms. R. Leethiyal             | Biosynthesis of Titanium Dioxide Nanoparticles for Antibacterial and Photocatalytic Activity Using <i>Justicia adhatoda</i> Leaf and <i>Cissus quadrangularis</i> Leaf Extract | Journal of Inorganic and Organometallic Polymers and Materials |                         | 1574 - 1451  | 3.9           | Scopus, UGC CARE |
| 3     | March 2025     | Mrs. W. Maria Therease Ramya | Nanoscale V <sub>2</sub> O <sub>5</sub> anchored biodegradable PVP/PEO based polymer nanocomposites for flexible supercapacitor applications.                                  | Journal of Molecular Liquids                                   | 422, 126908             |              | 5.3           | Scopus           |

**PAPER PRESENTATION BY THE FACULTY**

| S No | Date      | Name of the faculty | Topic                             | Category         | Organizing Committee with address | Platform |
|------|-----------|---------------------|-----------------------------------|------------------|-----------------------------------|----------|
| 1    | 25.1.2025 | Dr. R. Amutha       | கல்வி அளவில் நலம் தரும் செயல்கள்  | Faculty          | உலக திருக்குறள் மையம்             | Offline  |
| 2    | 25.1.2025 | Ms. R. Leethiyal    | நாட்டு அளவில் நலம் தரும் செயல்கள் | Research Scholar | உலக திருக்குறள் மையம்             | Offline  |

**PUBLICATIONS BY THE FACULTY  
BOOKS PUBLISHED BY THE FACULTY**

| S. No | Year | Name of the faculty          | Name of the Book   | IBBN/ISSN     |
|-------|------|------------------------------|--|---------------|
| 1     | 2024 | Dr. R. Amutha                | Question Bank on Heat and Thermodynamics: Your Study Companion | 9788198203007 |
| 2     | 2024 | W. Maria Therease Ramya      | Introduction to Energy Physics: Solar, Wind and Biomass        | 9788198203052 |
| 3     | 2024 | R. Leethiyal                 | The Working of Home Appliances: MCQ's for Quick Learning       | 9788198203083 |
| 4     | 2024 | Yuvarani                     | Principles of Physics: Concepts for Non-Majors                 | 9788198203045 |
| 5     | 2025 | Dr. R. Amutha                | Comprehensive Question Bank for Allied Physics                 | 9789334198133 |
| 6     | 2025 | Mrs. W. Maria Therease Ramya | Principles of Physics  | 9789356273108 |
| 7     | 2025 | Ms. R. Leethiyal             | Home Appliance Working: A Study Course Material                | 9789334198386 |
| 8     | 2025 | Mrs. A. Yuvarani             | Principles of Physics MCQs : A Study Guide                     | 97893341915   |

**PUBLICATION BY THE FACULTY IN NATIONAL JOURNALS**

**PAPER PRESENTATION BY THE FACULTY**

| S No | Date | Name of the faculty | Topic | Category | Organizing Committee with address | Platform |
|------|------|---------------------|-------|----------|-----------------------------------|----------|
|------|------|---------------------|-------|----------|-----------------------------------|----------|

|   |                               |                               |  |               |  |         |
|---|-------------------------------|-------------------------------|--|---------------|--|---------|
| 1 | 24.08.2024<br>–<br>26.08.2024 | Dr. R.<br>Amutha              | Sustainable<br>Enhancement in waste<br>water treatment with<br>spray pyrolyzed ZnO<br>thin films                                       | International | Nirmala<br>College for<br>Women,<br>Coimbatore | Offline |
| 2 | 24.08.2024<br>–<br>26.08.2024 | W. Maria<br>Therease<br>Ramya | Empowering Women<br>Through Sustainable<br>Innovation:<br>Development of a<br>Passive Solar Dryer<br>for Medicinal Herbs               | International | Nirmala<br>College for<br>Women,<br>Coimbatore | Offline |
| 3 | 24.08.2024<br>–<br>26.08.2024 | R.<br>Leethiyal               | Sustainable TiO <sub>2</sub><br>Nanoparticles:<br>Empowering Women<br>Through Cultivation<br>and Processing of<br>JUSTICIA<br>ADHATODA | International | Nirmala<br>College for<br>Women,<br>Coimbatore | Offline |
| 4 | 24.08.2024<br>–<br>26.08.2024 | A.<br>Yuvarani                | Sustainable TiO <sub>2</sub><br>Nanoparticles for<br>Photocatalytic<br>Activity: Empowering<br>Women with CISSUS<br>QUADRANGULARIS     | International | Nirmala<br>College for<br>Women,<br>Coimbatore | Offline |
| 5 | 15.10.2024<br>–<br>16.10.2024 | Ms. R.<br>Leethiyal           | Plant mediated<br>synthesis of TiO <sub>2</sub><br>nanoparticles for<br>antibacterial and<br>photocatalytic activity                   | International | Dr. N. G. P.<br>Arts and<br>Science<br>College | Online  |
| 6 | 17.10.2024<br>–<br>19.10.2024 | Dr. R.<br>Amutha              | Structural Properties of<br>Silver-doped thermally<br>evaporated ZnTe thin<br>films  | International | SSN<br>College of<br>Engineering,<br>Chennai   | Offline |

### DETAILS RELATED TO STUDENTS

#### FELLOWSHIPS AND SCHOLARSHIPS

| S. No | Name of the<br>Student and<br>Class    | Name of the<br>fellowship/scholarship | Funding agency | Stipend<br>Amount |
|-------|--|---------------------------------------|----------------|-------------------|
| 1.    | Jecintha G<br>–<br>I B.Sc Physics      | Pudhumai Penn<br>Scheme               | Government     | 3000              |
| 2.    | Yazhisaiivani S<br>–<br>I B.Sc Physics | Pudhumai Penn<br>Scheme               | Government     | 3000              |

**ONLINE COURSES COMPLETED BY THE STUDENTS**

| <b>SL.NO</b> | <b>NAME</b>                 | <b>NAME OF THE COURSE</b>                 | <b>COURSE CONDUCTED BY</b> |
|--------------|-----------------------------|---|----------------------------|
| 1            | R. Abinaya                  | Hotel Management                          | Swayam Plus                |
|              |                             | Basics of Business Statistics             |                            |
|              |                             | Basics of Marketing Communication         |                            |
|              |                             | Environmental Studies                     |                            |
| 2            | A. Albina                   | Hotel Management                          | Swayam Plus                |
|              |                             | Basics of Business Statistics             |                            |
| 3            | K. Anbarasi                 | Environmental Studies                     | Swayam                     |
|              |                             | Hotel Management                          | Swayam Plus                |
|              |                             | Effective Communication                   |                            |
| 4            | C. G. Infant Jency Ruffeena | Environmental Studies                     | Swayam                     |
|              |                             | Hotel Management                          | Swayam Plus                |
|              |                             | Basics of Business Statistics             |                            |
|              |                             | Problem Solving and innovation – Advanced |                            |
|              |                             | Introducing to Employability Skills       |                            |
| 5            | K. Jayasruthi               | Environmental Studies                     | Swayam                     |
|              |                             | Hotel Management                          | Swayam Plus                |
|              |                             | Basics of Business Statistics             |                            |
| 6            | G. Jecintha                 | Environmental Studies                     | Swayam                     |
|              |                             | Hotel Management                          | Swayam Plus                |
|              |                             | Basics of Business Statistics             |                            |
| 7            | D. Kezia                    | Environmental Studies                     | Swayam                     |
|              |                             | Hotel Management                          | Swayam Plus                |
|              |                             | Basics of Business Statistics             |                            |
|              |                             | Effective Communication                   |                            |
|              |                             | Impactful writing skills                  |                            |
|              |                             | Effective speaking and listening          |                            |
|              |                             | Self- Presentation                        |                            |
| 8            | R. Mahalakshmi              | Environmental Studies                     | Swayam                     |
|              |                             | Hotel Management                          | Swayam Plus                |
|              |                             | Basics of Business Statistics             |                            |
|              |                             | Basics of Marketing Communication         |                            |
|              |                             | Accounting Fundamentals                   |                            |
|              |                             | Work productivity Tools                   |                            |

|    |                     |   |             |
|----|---------------------|---|-------------|
|    |                     | Problem solving and Innovation          |             |
|    |                     | Leadership and Management               |             |
|    |                     | Online Communication and Data Security  |             |
|    |                     | Obtain an Appropriate job               |             |
|    |                     | Start-up Mindset                        |             |
|    |                     | Safety Practices                        |             |
|    |                     | Introduction to Entrepreneurship        |             |
|    |                     | Professionalism                         |             |
|    |                     | Customer Centricity                     |             |
|    |                     | Environmental Studies                   | Swayam      |
| 9  | S. Yazhisaivani     | Hotel Management                        | Swayam Plus |
|    |                     | Basics of Business Statistics           |             |
|    |                     | Success at work                         |             |
|    |                     | Self- Presentation                      |             |
|    |                     | Impactful Writing Skills                |             |
|    |                     | Effective Speaking and Listening Skills |             |
|    |                     | Self- Management                        |             |
|    |                     | Interpersonal skills                    |             |
|    |                     | Problem solving and Innovation          |             |
|    |                     | Environmental Studies                   | Swayam      |
| 10 | G. Yogameenal       | Startup Mindset                         | Swayam Plus |
|    |                     | Introduction to Entrepreneurship        |             |
|    |                     | Professionalism                         |             |
|    |                     | Problem Solving and Innovation          |             |
|    |                     | Interpersonal Skills                    |             |
|    |                     | Basics of Business Statistics           |             |
|    |                     | Hotel Management                        |             |
|    |                     | Self-Management                         |             |
|    |                     | Success at work                         |             |
| 11 | K. Kasimalla Sweeti | Hotel Management                        | Swayam Plus |
|    |                     | Effective Communication                 |             |
| 12 | S. Amina            | Enhancing soft skill and personality    | Swayam      |
|    |                     | Body language                           |             |
|    |                     | Leadership and management               | Swayam Plus |
|    |                     | Online communication and data security  |             |

|    |               |   |             |
|----|---------------|---|-------------|
|    |               | Introduction to employability skills    |             |
| 13 | U. P. Athira  | Soft Skill and Personality              | Swayam      |
|    |               | Body language                           |             |
|    |               | Leadership and management               | Swayam Plus |
|    |               | Online communication and data security  |             |
|    |               | Introduction to employability skills    |             |
| 14 | A. Cathrine   | English language for competitive exam   | Swayam      |
|    |               | Physics of energy renewable resources   |             |
|    |               | Impactful writing skills                | Swayam Plus |
|    |               | Effective speaking and listening skills |             |
| 15 | S. Pooja      | Indian poetry in English                | Swayam      |
|    |               | Body language                           |             |
|    |               | Leadership and management               | Swayam Plus |
|    |               | Online communication and data security  |             |
|    |               | Listening skills                        |             |
| 16 | H. Sharnitha  | Indian poetry in English                | Swayam      |
|    |               | Body language                           |             |
|    |               | Leadership and management               | Swayam Plus |
| 17 | M. Subiksha   | Leadership and management               | Swayam Plus |
| 18 | B. Dhanushika | Leadership and management               | Swayam Plus |

### STUDENT'S PARTICIPATION IN SEMINARS

| S. No | Date       | Name of student                    | Topic   | Name of the Seminar | Organizing Committee and platform   | National/ International |
|-------|------------|------------------------------------|---|---------------------|-------------------------------------|-------------------------|
| 1     | 23.09.2025 | I, II, III B. Sc. Physics Students | From Atoms to Action: Nano Science for a Big Future | Meet the Scientist  | Regional Science Centre, Coimbatore | National                |

### CO-CURRICULAR AND EXTRA CURRICULAR ACTIVITIES

**STUDENT PARTICIPATION IN INTERCOLLEGIATE/INTERDEPARTMENTAL  
COMPETITIONS**

| S. No | Date       | Event            | Organized by                                | Students Name | Participated / Won         |
|-------|------------|------------------|---|---------------|----------------------------|
| 1     | 6.7.2024   | On spot - poetry | Srijan association                          | Tanya siju    | 1 <sup>st</sup> place      |
| 2     | 06.01.2025 | 2 Min Speech     | சிறுவாணி<br>இளைஞர்<br>இலக்கிய<br>திருவிழா   | S. Amina      | 2 nd Prize –<br>Rs. 4000/- |
| 3     | 07.01.2025 | உடனடி<br>ஹைக்கூ  | பொது நூலக<br>இயக்கம்                        | S. Amina      | 3 rd Prize –<br>Rs. 3000   |
| 4     | 08.01.2025 | விவாத<br>மேடை    | பொது நூலக<br>இயக்கம்                        | S. Amina      | 3 rd Prize –<br>Rs. 3000   |
| 5     | 12.03.2025 | பேச்சு<br>போட்டி | முனைவர் தெ.<br>கலியாணசுந்தரம்<br>அறக்கட்டளை | S. Amina      | 2 nd Prize –<br>Rs. 1000/- |

**STUDENTS' PARTICIPATION IN CULTURAL/EXTRA CURRICULAR ACTIVITIES  
AND PRIZES**

| S. No | Date                          | Name        | Event   | Participation/ Prize  | Organizing Committee   |
|-------|-------------------------------|-------------|---|-----------------------|--|
| 1     | 05.07.2024<br>-<br>07.07.2024 | M. Subiksha | 36 <sup>th</sup><br>Tamilnadu<br>State Junior<br>Athletic<br>Championship                     | Third                 | Tamil nadu Atheletic<br>Association at J.N<br>Stadium ,Chennai |
| 2     | 16.12.2024<br>-<br>18.12.2024 | M. Subiksha | 42 <sup>nd</sup><br>Bharathiar<br>University<br>intercollege<br>athelete meet<br>(10,000 mts) | 1 <sup>st</sup> prize | Bharathiar University,<br>Coimbatore                           |
| 3     | 16.12.2024<br>-<br>18.12.2024 | M. Subiksha | 42 <sup>nd</sup><br>Bharathiar<br>University<br>intercollege<br>athelete meet<br>(5000 mts)   | 2 <sup>nd</sup> prize | Bharathiar University,<br>Coimbatore                           |
| 4     | 05.01.2025                    | M. Subiksha | Tamilnadu<br>state Cross  | 4 <sup>th</sup> Prize | Villupuram District<br>Athletic Organization                   |



|   |                           |                     |   |   |                                       |
|---|---------------------------|---------------------|---|---|---------------------------------------|
|   |                           |                     | Country meet<br>– Vilupuram<br>(6000 mts)   |   |                                       |
| 5 | 07.01.2025                | Tanya Siju          | Siruvani<br>ezhaingar<br>elakkiya<br>thiruvila-2025   | 3rd prize                                 | pudhu nulaga iyakkam                  |
| 6 | 07.01.2025                | V. Sakthi<br>Harini | Siruvani<br>ezhaingar<br>elakkiya<br>thiruvila-2025   | second prize                              | pudhu nulaga iyakkam                  |
| 7 | 12.01.2025                | M. Subiksha         | 59 <sup>th</sup> national<br>cross country<br>championship,<br>Meerut , UP<br>(6000 mts)                    | 50 <sup>th</sup> Place<br>(Participation) | Utter Pradesh Athletic<br>Association |
| 8 | 14.02.2025                | Dhanushika. D       | sports<br>day/Relay   | 3rd prize                                 | Nirmala College for<br>Women          |
| 9 | 22.02.2025-<br>23.02.2025 | M. Subiksha         | 6 <sup>th</sup> Tamilnadu<br>state youth<br>championship,<br>Chennai (5000<br>mts, 3000 mts<br>stepleCHASE) | 2 <sup>nd</sup> Prize                     | Tamilnadu Athletic<br>Association     |

### EXPOSURE VISITS

| S. No | DATE                                | CLASS                   | PLACE   | No. of days | No of students | Type                |
|-------|-------------------------------------|-------------------------|---|-------------|----------------|---------------------|
| 1     | 05.09.20<br>24 to<br>07.09.20<br>24 | III B.<br>Sc<br>Physics | Mangalore & Coorg   | 2           | 12             | Educational<br>Trip |
| 2     | 06.09.20<br>24                      | I B. Sc<br>Physics      | Regional Science<br>Centre, Coimbatore                          | 1           | 10             | Field Visit         |
| 3     | 06.09.20<br>24                      | II B. Sc<br>Physics     | Mighty Electronics<br>Equipment's<br>Corporation,<br>Coimbatore | 1           | 10             | Industrial<br>Visit |
| 4     | 13.03.20<br>25                      | I B. Sc<br>Physics      | Bhavani Sagar   | 1           | 11             | EVS TRIP            |

### BEST PRACTICES OF THE DEPARTMENT

| <b>SL. No.</b> | <b>DATE</b> | <b>DEPT</b> | <b>ACTIVITY</b>                        |
|----------------|-------------|-------------|--|
| 1              | 10.02.2025  | Physics     | Survey on Energy consumption in Houses |