

**Department Objective and Action Plan 2024-2025**

**Department: Physics (UG & PG) Date: 03.06.2024**

| **Objectives**   1. Achieve 100% admission, end-semester results, and student placement. 2. Organize one national/international conference and seminar each year. 3. Host one intercollegiate technical meet per year, and conduct two guest lectures per subject each semester (one internal and one external-online or offline). 4. Each faculty member must publish three research articles per year (one in Scopus/WoS-indexed journals and two in UGC CARE-listed journals). 5. Each department should complete one consultancy service per year and establish at least one active MoU annually. 6. Every faculty member should complete at least one NPTEL course per year. 7. All faculty members are required to apply for at least one patent, project, and funding for seminars/conferences each year. 8. Each faculty member must develop a minimum of one e-content per subject taught. 9. All students must complete at least one online certification course per year. 10. Ensure that at least 50% of the teaching-learning process integrates ICT-based methods. |
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| **Action Plan** | | | | |
| --- | --- | --- | --- | --- |
| **S.No** | **Event** | **Details of the Event** | **Tentative Date** | **Attained/ Not Attained** |
| **Events (Dept/ Institution/ National/ International Level)** | | | | |
|  | Seminar | National Seminar on Innovation in Science and Technology | 30.08.2024 |  |
|  | Workshop | Workshop on Intellectual Property Rights and IP Management for Startup | 26.09.2024 |  |
|  | Conference:  National /International | International conference of Recent Advance in Science and Technology for Sustainability | 12.02.2025 &13.02.2025 |  |
|  | Career guidance Programme | Awareness Program on “Competitive Examinations” | 30.09.2024 |  |
| **IIC Activities** | | | | |
|  | IIC Calendar Activity | IIC Calendar Activity (one) | 28.06.2024 |  |
|  | IIC Self-driven Activity | IIC Self-driven Activity related to Entrepreneurship, Startup, Innovation and IPR (one) | 11.07.2024 |  |
|  | IIC Days Celebration | National Entrepreneurship Day | 09.11.2024 |  |
| National Education Day | 11.11.2024 |  |
| National Pollution Control Day | 02.12.2024 |  |
| National Energy Conservation Day (India) | 14.12.2024 |  |
| National Youth Day | 12.01.2025 |  |
| National Startup Day | 16.01.2025 |  |
| National Science Day | 28.02.2025 |  |
| World Creativity and Innovation Day | 21.04.2025 |  |
| World Intellectual Property Day | 26.04.2025 |  |
| National Technology Day | 14.05.2025 |  |
| **Activities for School Students** | | | | |
|  | Competitions for school students (Online/offline) | Discover Science for Future | 01.10.2024 |  |
| **Other Activities for Students** | | | | |
|  | Student Development Program (one week) | SDP on Emerging Technology & Innovations | 17.02.2025 to 22.02.2025 |  |
|  | Guest lectures (two per subject) | Refer Annexture I for details | |  |
|  | Industrial Visit / Field visit | Industrial Visit – IIAP, Kavalur | 03.01.2025 &  03.01.2025 |  |
|  | Extension activity | Extension activity at Orphanage, Erode | 26.10.2024 |  |
|  | Inter / Intra  College/Department event/Technical meet | National Science Day Celebration “Innovation-For Viksit Bharat 2047” – An Intercollege Technical Meet | 28.02.2025 |  |
|  | Exhibition/ Trade Fair | Energy Conservation Day - Model Exhibition on Energy Conservation for Sustainability | 14.12.2024 |  |
|  | Fresher’s Day | Cultural Fest 2K24 -Fresher’s Day program | 18.06.2024 |  |
|  | Farewell Day | A Moment of Reflection: Farewell Ceremony | 31.03. 2025 |  |
|  | Parents meet | GEAR UP- Parents & Teachers meet (Online) | 04.01.2025 |  |
|  | Alumni meet | Passion Summit: Alumni meet 2k25 | 04.03.2025 |  |

**HOD Dean Principal**

**Annexure -I**



**Department of Physics**

**Guest Lecture -Action Plan**

| **2024-2025 Even Semester** | | | | |
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| **S.No** | **Subject** | **Details of the Guest lecture** | **Tentative Date** | **Attained/ Not Attained** |
| **I B.Sc Physics** | | | | |
|  | DSC III: Mechanics |  |  |  |
|  |  |  |
|  | DSC IIV: Optics |  |  |  |
|  |  |  |
| **II B.Sc. Physics** | | | | |
|  | DSC VI: Analog Electronics |  |  |  |
|  |  |  |
|  | DSC VII: Analog Electronics |  |  |  |
|  |  |  |
| **III B.Sc. Physics** | | | | |
|  | DSC XI: Quantum  Mechanics and Relativity |  |  |  |
|  |  |  |
|  | DSC XII: Nuclear Physics |  |  |  |
|  |  |  |
|  | DSC XIIII: Digital Electronics and Microprocessor |  |  |  |
|  |  |  |
| **I M.Sc Physics** | | | | |
|  | DSC V: Quantum Mechanics I |  |  |  |
|  |  |  |
|  | DSC VI: Mathematical Physics II |  |  |  |
|  |  |  |
|  | DSE I: Nanoscience and Nanotechnology |  |  |  |
|  |  |  |
| **II M.Sc Physics** | | | | |
|  | DSC X: Spectroscopy |  |  |  |
|  |  |  |
|  | DSC XI: Nuclear and Particle Physics |  |  |  |
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**HOD Dean Principal**

**Annexure -II**



**Department of Physics**

**Department Objective Attainment Status 2024-2025**

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| **S.No** | **Objectives** | **Attainment Status** | **Remarks** |
|  | Achieve 100% admission, end-semester results, and student placement. |  |  |
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|  | Every faculty member should complete at least one NPTEL course per year. |  |  |
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