

# Department of Physics- 2025-26

**1. Courses Offered :** B.Sc - PM, PC, PCS (NEP Combinations) & B.Sc – PCM and PMCS (Revised NEP Combinations)

## 2. Details of Staff

| No | Name                | Qualification                     | Designation              | Experience |
|----|---------------------|-----------------------------------|--------------------------|------------|
| 1  | Smt. Sowmya.B       | M.Sc, PGD in HRE                  | Asst. Professor and Head | 19         |
| 2  | Sri. Umesh V.       | M.Sc.,M.Phil, B.Ed, Persuing Phd. | Assistant Professor      | 18         |
| 3  | Sri. Yashwanth D.B. | M.Sc., B.Ed.                      | Assistant Professor      | 16         |
| 4  | Dr.Nagaraju K M     | M.Sc., B.Ed., M.Phil., Ph.D.      | Assistant Professor      | 20         |
| 5  | Smt. Nandana C      | M.Sc., B.Ed.                      | Assistant Professor      | 03         |
| 6  | Kum. Kavyashree K V | M.Sc                              | Assistant Professor      | 01         |

## 3. Admissions

| Course       | 2024-25       |               |                | 2025-26       |                |                |
|--------------|---------------|---------------|----------------|---------------|----------------|----------------|
| BSc          | I B.Sc (RNEP) | II B.Sc (NEP) | III B.Sc (NEP) | I B.Sc (RNEP) | II B.Sc (RNEP) | III B.Sc (NEP) |
| PC           | ---           | 21            | 13             | ---           | ---            | 21             |
| PCS          | ---           | 23            | ---            | ---           | ---            | 20             |
| PM           | ---           | ---           | ---            | ---           | ---            | ---            |
| PCM          | 19            | ---           | ---            | 35            | 19             | ---            |
| PMCS         | 51            | ---           | ---            | 53            | 51             | ---            |
| <b>Total</b> | <b>70</b>     | <b>44</b>     | <b>13</b>      | <b>76</b>     | <b>70</b>      | <b>41</b>      |

## 4. Activities:

### a. Special Lecture/Events Organized.

| Sl.No. | Date                         | Topic                                                                                          | Resource Person/Place |
|--------|------------------------------|------------------------------------------------------------------------------------------------|-----------------------|
| 1      | 06 <sup>th</sup> August 2025 | <b>Field Visit</b><br><b>Event:</b> National Space Day 2025 Celebration by ISRO-ISTRAC jointly | KSOU Campus           |

|          |                                           |                                                                                                                                           |                                                                                                                                                                                                  |
|----------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |                                           | with KSOU and MIT-Mysuru<br><b>Participants:</b><br>1) III B.Sc-PC & PCS- (40 Students)<br>2) Faculty : Mr. Umesh V and<br>Dr. Nagaraju.M |                                                                                                                                                                                                  |
| <b>2</b> | 11 <sup>th</sup> August<br>2025           | <b>COSMOS CLUB INAUGURATION<br/>&amp;<br/>Awareness Program on</b><br>“Commemoration of Hiroshima Day &<br>Nagasaki Day”                  | <b>Dr.Shivalingaswamy T</b><br>Professor<br>PG Department of Physics<br>Maharani’s Science College<br>for Women<br>(Autonomous), Mysuru                                                          |
| <b>3</b> | 25 <sup>th</sup> August<br>2025           | On the occasion of <b>National Space<br/>day -2025</b> , An <b>Awareness Program</b> on<br>“INDIA IN SPACE”                               | <b>Mr. Amoghavarsha N</b><br>Project Associate-1,<br>COSMOS_Mysuru<br>Indian Institute of<br>Astrophysics<br>Vijnana Bhavan,<br>Manasagangotri, Mysuru                                           |
| <b>4</b> | 23 <sup>rd</sup><br>August<br>2025        | Attended an <b>Invited talk</b> on “From<br>Rockets to satellite Missions-Growth of<br>Space Science in India”                            | <b>Place: Vijnana Bhavan,</b><br>Manasagangotri, Mysuru<br><b>Speaker: Dr.S.Seetha,</b><br>Former Director, Space<br>Science Program Office,<br>ISRO & Visiting Scientist-<br>RRI, Bengaluru     |
| <b>5</b> | 25 <sup>th</sup><br>September<br>2025     | <b>Skill Enhancement Program</b><br>on<br>“FUNDAMENTALS OF<br>SEMICONDUCTORS”                                                             | <b>Sri.K.Umakanth,</b><br>Retd. Associate Professor &<br>Principal<br>Sarada Vilas First Grade<br>College<br>Mysuru-09                                                                           |
| <b>6</b> | 13 <sup>th</sup><br>February<br>2026      | <b>Workshop<br/>on</b><br>“Transistor Scaling, Advantages and<br>Applications”                                                            | <b>Dr.Rudraswamy S B</b><br>Associate Professor<br>Dept. Of Electronics and<br>Communication<br>Engineering<br>Sri Jayachamarajendra<br>College of Engineering,<br>JSSSTU, Mysuru                |
|          | 31 <sup>st</sup> March<br>2026<br>At 11AM | <b>Workshop<br/>on</b><br>“Quantum Computing”                                                                                             | <b>Dr.Madhu<br/>Chennabasappa</b><br>Associate Professor and<br>HoD<br>Dept. Of Physics<br>Sri Jayachamarajendra<br>College of Engineering<br>JSS Science and<br>Technology University<br>Mysuru |

|  |                             |                                                                                                                                                                      |                                                      |
|--|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
|  | 31 <sup>st</sup> March 2026 | <b>Field Visit</b><br>Department of Physics and its associated Research Laboratories<br><b>Participants:</b><br>III B.Sc-PC & PCS- (41 Students) and Faculty Members | DoS in Physics, Manasagangotri, University of Mysuru |
|--|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|

**b. Other Activities: SCIENCE FEST**

| Sl No | Date                                              | Class       | No of Students participated | Event                                                                         | Place |
|-------|---------------------------------------------------|-------------|-----------------------------|-------------------------------------------------------------------------------|-------|
| 1     | 24 <sup>th</sup> & 25 <sup>th</sup> February 2026 | All Science | All Science Students        | <b>Science Rostrum-VISTARA 2K26</b> - Inter and Intra Collegiate Competitions | JSSCW |

**c. Workshops/FDP/Webinars/Seminars/Conferences Participated:**

| Sl.No. | Date                                               | Topic                                                                                                                                                                                    | Resource Person/Place                                     |
|--------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| 1      | 23 <sup>rd</sup> to 27 <sup>th</sup> June 2025     | <b>Five-Day National Level Online FDP</b> on “ICT Tools and Binary Accreditation for Modern Higher Education Institutions”<br><b>Participants:</b> Umesh V                               | St.Joseph’s First Grade College, Jayalakshmipuram, Mysuru |
| 2      | 30 <sup>th</sup> June to 7 <sup>th</sup> July 2025 | <b>One WEEK National Level FDP &amp; Virtual Panel Discussion”</b> on “Cultivating Student Success Empowering Teachers for Holistic Student development”<br><b>Participant:</b> Sowmya B | GRCCM, Bengaluru                                          |
| 3      | 19 <sup>th</sup> July 2025                         | <b>Workshop on</b> “Capacity Building for Teachers”.<br><b>Participants:</b> Sowmya B, Umesh V, Yashwanth D B, Nandana C                                                                 | IQAC, JSSCW                                               |
| 4      | 21 <sup>st</sup> to 25 <sup>th</sup> July 2025     | <b>Five-Day National Level Online FDP</b> on “AI-Powered Research Excellence”<br><b>Participants:</b> Umesh V                                                                            | De Paul College, Mysuru                                   |
| 5      | 13 <sup>th</sup> September 2025                    | <b>Workshop on</b> “Outcome based Education”<br><b>Participants:</b> Sowmya B, Umesh V                                                                                                   | IQAC, JSSCW                                               |
| 6      | 27 <sup>th</sup> December 2025                     | <b>One Day State Level FDP on</b> “Research Methodology and Ethical Issues for Emerging Researchers”<br><b>Participants:</b> Sowmya B, Umesh V, Yashwanth D B, Nandana C                 | IQAC, JSSCW                                               |
| 7      | 29 <sup>th</sup> December 2025                     | <b>Workshop on</b> “Intellectual Property Rights”<br><b>Participants:</b> Sowmya B, Umesh V, Yashwanth D B, Nandana C                                                                    | Dept. of Library, JSSCW                                   |
| 8      | 20 <sup>th</sup> December 2025                     | <b>FDP on</b> “OUTCOME BASED – LEARNER CENTRIC EDUCATION”<br><b>Participants:</b> Sowmya B, Umesh V,                                                                                     | IQAC, JSSCW                                               |

|           |                                                       |                                                                                                                                                                 |                                                    |
|-----------|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
|           |                                                       | Yashwanth D B, Nandana C                                                                                                                                        |                                                    |
| <b>9</b>  | 11 <sup>th</sup><br>January<br>2026                   | 5Km Walkathon at University of Mysuru<br><b>Participant:</b> Umesh V.                                                                                           | FIT, Mysuru                                        |
| <b>10</b> | 24 <sup>th</sup><br>January<br>2026                   | <b>Workshop on</b> “Smart Teaching: Integrating ASI Tools in the Classroom”<br><b>Participants:</b> Sowmya B, Umesh V, Yashwanth D B, Nandana C, Kavyashree K V | IIC, JSSCW                                         |
| <b>11</b> | 5 <sup>th</sup> & 6 <sup>th</sup><br>February<br>2026 | ICON 2026: INTERNATIONAL CONFERENCE on “Recent Perspectives on Multidisciplinary Practices in Higher Education”<br><b>Participant:</b> Sowmya B                 | RIE First Grade College, Koramangala, Bengaluru    |
| <b>12</b> | 6 <sup>th</sup> & 7 <sup>th</sup><br>February<br>2026 | <b>Two Days National Seminar</b> on “Advanced Functional Materials and devices<br><b>Participant:</b> Umesh V.                                                  | Department of Physics, Manasagangotri, UoM, Mysuru |

### **Paper Presentation/Publication: Sowmya B**

| <b>Sl.No.</b> | <b>Title of the Paper</b>                                                                   | <b>Journal</b>                                                                                                         |
|---------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>1</b>      | Applications of Physics in Biological Sciences – A Review                                   | <b>JSSCWM QUEST</b><br>September 2025, Volume -8, Issue-2, ISSN 2321-0052                                              |
| <b>2</b>      | Implication of Radiation Exposure on Human health : A Narrative Review (Paper Presentation) | <b>ICON 2026: INTERNATIONAL CONFERENCE</b> on “Recent Perspectives on Multidisciplinary Practices in Higher Education” |
| <b>3</b>      | Radiation Exposure and its Impact on Human Health: A Narrative Review                       | <b>JSSCWM QUEST</b><br>March 2026, Volume-9, Issue-1, ISSN 2321-0052                                                   |

### **Student’s Participation:**

| <b>Sl.No.</b> | <b>Date</b>                                            | <b>Name of the Event</b>                                                   | <b>Name of the Institution</b>                                    |
|---------------|--------------------------------------------------------|----------------------------------------------------------------------------|-------------------------------------------------------------------|
| <b>1</b>      | 24 <sup>th</sup> August<br>2025                        | <b>National Space Day Quiz</b><br><b>Participants:</b> 87 Physics Students | ISRO & Govt. of India                                             |
| <b>2</b>      | 24 <sup>th</sup> & 25 <sup>th</sup><br>January<br>2026 | Workshop on Introduction to Astronomy and Astrophysics                     | IIT, Tirupati in collaboration with IISER Tirupati and IUCAA Pune |