



## Highlights of the Department (2019-2024)

### Curricular Aspects

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| <ul style="list-style-type: none"> <li>Development of PSOs &amp; COs</li> <li>Curriculum Design, Development &amp; Revision</li> <li>Curriculum focuses on Skills &amp; Employability</li> <li>Curriculum is as per NEP-2020 &amp; integrates cross-cutting issues</li> </ul> | <ul style="list-style-type: none"> <li>New courses introduced: 148</li> <li>Offered courses: 191</li> <li>Courses with FP/RP/Internship.: 06</li> <li>No. of Certificate Courses: 02</li> <li>Feedback on curriculum is regularly obtained</li> </ul> |
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### Teaching-Learning & Evaluation

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| <ul style="list-style-type: none"> <li>Number of Students: 378</li> <li>Number of Teachers: 10</li> <li>Students-Teacher Ratio: 38:1</li> <li>Number of Teachers with Ph.D.: 05</li> <li>Pass % of students: 92%</li> <li>Assessment of learning levels of students</li> </ul> | <ul style="list-style-type: none"> <li>Bridge and Remedial courses: 15</li> <li>Use of student centric methods &amp; ICT tools</li> <li>Implementation of Mentor-Mentee Scheme</li> <li>Academic Calendar &amp; Teacher Diary</li> <li>CO-PO Mapping and its attainment</li> </ul> |
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### Research, Innovations & Extension

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| <ul style="list-style-type: none"> <li>Amount of Seed Money granted: Rs. 2.25 Lakh</li> <li>No. of Teachers receiving fellowship: 04</li> <li>Research funds received: Rs. 5.5 Lakh</li> <li>Number of Research Projects: 05</li> <li>Research Guides: 04</li> <li>Students registered for Ph.D.: 16</li> <li>Participation in Conferences/Seminars: 89</li> <li>Faculty as Journal Reviewer : 07</li> </ul> | <ul style="list-style-type: none"> <li>Research Paper Publications : 26<br/>(Nature/ACS/RSC/Elsevier/Springer/IOP/UGC-care)</li> <li>Book Publications: 10</li> <li>Book Chapter Publications: 31</li> <li>Patent Publications: 10</li> <li>Google Scholar Citations.: 1730</li> <li>h-Index of the Department (IRINS): 14</li> <li>Number of Extension Activities: 11</li> <li>Number of Functional MoUs: 03</li> </ul> |
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### Infrastructure & Learning Resources

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| <ul style="list-style-type: none"> <li>Number of well-equipped Laboratories: 06</li> <li>Computers, Printer, Projectors: 6, 3 &amp; 2</li> <li>Number of Software: 02 (Lab-view, Origin)</li> <li>Books in Dept. Library: 352</li> <li>Vacuum Evaporation with e-Beam facility</li> <li>Electrochemical Workstation</li> <li>Density Function Theory (DFT) Server</li> </ul> | <ul style="list-style-type: none"> <li>Budget of the Department: 25.18 Lakh</li> <li>No. E-content developed: 72</li> <li>SOPs for Laboratory Equipments</li> <li>6" Celestial Telescope</li> </ul> |
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### Student Support & Progression

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| <ul style="list-style-type: none"> <li>Career counselling/ Skill Enhancement activities: 39</li> <li>% of Placement &amp; Progression to HE: 82%</li> <li>Students qualified SET/NET/State/Central Govt. Exams: 31</li> <li>Awards to Students: 04</li> </ul> | <ul style="list-style-type: none"> <li>IQAC Youth Festival Activities: 10</li> <li>Departmental Club Activities: 01</li> <li>Alumni Contribution: Rs. 2.47 Lakh</li> <li>Alumni Contribution (Equipment): 01 Gas Sensor Unit</li> <li>Activities by Alumni: 04</li> <li>Academic &amp; Financial support to students</li> </ul> |
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### Governance, Leadership & Management

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| <ul style="list-style-type: none"> <li>Short Term &amp; Long Term Perspective Plan</li> <li>Felicitation of staff on achievement</li> <li>Completed Academic &amp; Administrative Audit</li> <li>Number of Member of Academic Bodies: 10</li> </ul> | <ul style="list-style-type: none"> <li>Number of FDPs completed by staff: 08</li> <li>Number of organized Conferences / Seminars / Workshops: 07</li> </ul> |
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### Best Practices

- National Graduate Physics Exam by IAPT
- Night Sky Observation Programme

*“The Diversities of Research Areas of our faculty makes this department unique in itself.”*

### About Department

Establishment: 1962

#### Programmes Offered

B. Sc. Physics: From 1962

M. Sc. Physics: From 1993

Ph.D. Physics: From 2017

### Teachers Profile

**Prof. (Dr.) Ashok Kalange**, M.Sc. Ph.D.

*(Vice Principal & Head of the Department)*

**Dr. Rajendra Kale**, M.Sc. Ph.D. Post.Doc.

**Dr. Ramchandra Sapkal**, M.Sc. M.Phil. Ph. D.

**Dr. Sachin Kulkarni**, M.Sc. Ph.D. Post.Doc.

*(Dept. IQAC Coordinator)*

**Mr. Sandip Kakade**, M.Sc. NET, SET, GATE

*(Dept. PG Coordinator)*

**Dr. Vijay Mohite**, M.Sc. Ph.D.

**Ms. Shubhangi Bhosale**, M.Sc. B.Ed.

**Mr. Sopan Thorat**, M.Sc. M.Phil. SET

**Mr. Vikrant Lalge**, M.Sc. SET

**Ms. Aishwarya Pawar**, M.Sc.

### Achievements

1. Major Research Project: SERB ECRA Scheme
2. STAR Education Award.
3. International Abdul Kalam Award, Nepal
4. Participation STUDY IN INDIA=03

### Scan for More Details



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