

Summer Internship Programs

The institute names in the left columns are hyperlinks to the respective webpages.

Active Programs

| Institute | Deadline | Stipend (monthly) |
|-------------------|--------------|-------------------|
| IOP Bhubhaneswar | Apr 14, 2022 | unclear |
| IIT Ropar | Apr 15,2022 | none |
| SINP Kolkata | Apr 15, 2022 | Rs. 7,000 |
| IISER Bhopal | Apr 20, 2022 | none |
| Bose Nat. Center | Apr 20, 2022 | Rs. 1250 |
| NISER Bhubaneswar | Apr 20, 2022 | Rs. 5,000 |
| IUAC New Delhi | Apr 23, 2022 | free food & stay |
| PRL Ahmedabad | Apr 26, 2022 | Rs. 10,000 |
| NIT Meghalaya | Apr 29,2022 | none |
| IIT Bhubaneswar | Apr 30, 2022 | none |
| JNCASR Bangalore | Apr 30, 2022 | Rs. 10,000 |
| IISER Kolkata | May 4, 2022 | none |
| IMSC Chennai | May 08, 2022 | Rs. 200 / day |
| IIIT Allahabad | May 16, 2022 | unclear |

Currently Inactive/Closed

| Institute | Deadline | Stipend (monthly) |
|--------------|--------------|-------------------|
| VNIT Nagpur | Apr 16, 2022 | unclear |
| VECC Kolkata | Apr 18,2022 | Rs. 10,000 |
| NIT Trichy | Apr 15,2022 | unclear |
| IIT Madras | Apr 4, 2022 | Rs. 6,000 |
| IIT Palakkad | Apr 10, 2022 | Rs. 6,000 |

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| IIA Bangalore | Apr 10, 2022 | Rs. 10,000 |
| IIT Gandhinagar | Mar 25, 2022 | |
| IIT Roorkee | Mar 5, 2022 | |
| NCRA Pune | Feb 21, 2022 | |
| IIT Kanpur | Feb 2, 2022 | |
| ICTS Bangalore | Jan 31, 2022 | |
| IISC Bangalore | Jan 15, 2022 | |
| Science Academies | Nov 30, 2021 | |
| IIT Roorkee | | |
| IIT Mandi | | |
| IUCAA Pune | | |
| IISER Thiruvananthapuram | | |
| Bose Institute Kolkata | Mar 31, 2020 | |
| IIT KGP | Feb 29, 2020 | |
| IISER Pune | Feb 29, 2020 | |
| IISER Berhampur | Apr 20, 2021 | |
| IIT Jammu | Apr 14, 2022 | Rs. 2,500 (weekly) |
| IISER Mohali | | |
| IIST | | |

International Programs

| Institute | Deadline | Stipend (monthly) |
|-----------------------------------|--------------|-------------------|
| Phasecraft Quantum Software | Mar 15, 2022 | |
| MCQST Munich | Mar 13, 2022 | |
| SQMS Undergraduate Internship | Feb 17, 2022 | |
| Racah Institute of Physics Israel | Feb 15, 2022 | |
| Open Quantum Initiative | Feb 11, 2022 | |

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| CERN Summer Programme | Jan 31, 2022 | |
| Rutgers University | | |

Year-Round Programs

Many institutes offer year-round internships for interested students that are open throughout the year. UG/PG students are asked to send in their applications at any point of the year and participate in summer programs/research work for a certain amount of time. *Note that the headings are hyperlinks to the respective webpages.*

Bhabha Atomic Research Centre (BARC), Mumbai

Duration: 2 months for practical training, 3-6 months for project work

Stipend: unclear

Eligibility:

- Engineering (BE/B.Tech): Only those students who have appeared 5th semester and above
- M.E./M.Tech: Only those students who have completed 1st semester and above
- B.Sc: Only final year students
- M.Sc: Only those students who have completed first semester and above

Inter-University Accelerator Centre (IUAC), New Delhi

Duration: three weeks

Stipend: unclear

Eligibility:

- Student pursuing their M. Sc. in relevant field
- Student waiting for the M. Sc. final year/semester result
- Good academic record

National Centre for Radio Physics (NCRA), Pune

Duration: upto a year

Stipend: unclear

Eligibility: Pre-doctoral (usually under-graduate) students

Raman Research Institute (RRI), Bangalore

Duration: anywhere between 4-weeks to 6-months

Stipend: A consolidated stipend of Rs.13,000 per month

Eligibility:

- Students within 1 or 2 years of the end of their undergraduate science or engineering degrees or masters in science of engineering
- Students from Bangalore colleges, who are keen to work on part time basis for acquiring research experience at RRI

IIT Indore

Duration: Minimum one month and maximum one year

Stipend: INR 2,000 per month

Eligibility:

- undergraduate students

Harish-Chandra Research Institute (HRI), Allahabad

Duration: max 2 months

Stipend: The selected students will be paid a stipend to cover local expenses.

Eligibility:

- students in M.Sc, B.Tech and final year B.Sc programmes are eligible

National Chemical Laboratory (NCL), Pune

Duration: minimum duration of 2 - 6 months

Stipend: none

Eligibility:

- BTech/BS-MS/MTech/MSc students
- Final year, last semester students will not be considered for training.

Indira Gandhi Centre for Atomic Research, Kalpakkam

Duration: one semester duration (3 to 8 months)

Stipend: none

Eligibility:

- Students in Post Graduate Programme only

- Students from any Institution are eligible
- Only Indian Nationals are permitted

Aryabhata Research Institute of Observational Sciences (ARIES), Nainital

Duration: 5-6 months for masters students, 2-3 months for PhD students

Stipend: If they are not KVPY or Inspire fellows, their accommodation charges may be waived-off, or a daily allowance of Rs 250/- may be provided

Eligibility:

- Summer project students (Masters and final year Bachelor students) can be considered without any financial commitment
- Students who come in ARIES from various Colleges/Institutions/Universities may be allowed to continue in hands-on research projects

Indian Institute of Remote Sensing (IIRS), Dehradun

Duration: The minimum duration of research project at IIRS campus is 3 months and the maximum duration is 1 year.

Stipend: none

Eligibility:

- students pursuing B.Tech./ B.E./ B.Sc.(Engg.)/ M.Sc./ M.Sc. (Tech.)/ M.E./ M.Tech/ MCA
- The applications from PG/UG students for summer training/internship of 6 to 8 weeks period will also be entertained as a special case only for the candidate having blood relation with ISRO/DOS employee or candidate(s) from reputed institutes.

Institute of Advanced Study in Science and Technology, Guwahati

Duration: two (2) to six (6) months

Stipend: none

Eligibility: open

Summer Schools

Many institutes offer year-round internships for interested students that are open throughout the year. UG/PG students are asked to send in their applications at any point of the year and participate in summer programs/research work for a certain amount of time. *Note that the headings are hyperlinks to the respective webpages.*

Future Flavours: Prospects for Beauty, Charm and Tau Physics

Institute: ICTS

Deadline: April 18, 2022

Topic:

- Pedagogical Introduction to Experimental
- Phenomenological Flavour Physics

Target Audience:

- Ph.D students in particle physics and above
- Final year M.Sc. students may apply if they have done courses and/or project work in particle physics

ICTS Summer School on Gravitational-Wave Astronomy

Institute: ICTS, Bangalore

Deadline: April 15, 2022

Topic:

- Stellar structure
- evolution, collapse and supernovae
- Compact binary evolution, rates and population modelling

Target Audience:

- The school is primarily meant for graduate students and postdocs in GW astrophysics and related fields.
- A small number of highly motivated senior undergraduates can also be considered

Introductory Summer School in Astronomy and Astrophysics

Institute: IUCAA, Pune

Deadline: April 22, 2022

Topic:

- Fundamentals of Astronomy and Astrophysics
- Recent developments in the field

Target Audience:

- Students in the final year B.Sc. (Physics/Applied Mathematics/Astronomy/Electronics)
- Students in third year and onwards of B.Tech./B.E. (any branch)/Integrated M.Sc. (Physics/Applied Mathematics/Astronomy/Electronics)
- Students pursuing M.Sc. (Physics/Applied Mathematics/Astronomy/Electronics)

Summer School for Women in Mathematics and Statistics

Institute: ICTS, Bangalore

Deadline: April 29, 2022

Topic:

- Advanced Calculus
- Linear Algebra
- Probability
- Statistics

Target Audience: Women students studying in first year B.A./B.Sc./B.E./B.Tech. or equivalent degree and having Mathematics as one of the major subjects/courses, during the academic year 2021-2022

Computational Approaches to Memory and Plasticity

Institute: NCBS, Bangalore

Deadline: April 25, 2022

Topic: theoretical and computational modeling, pertaining to memory and plasticity in the brain, spanning different scales of space, time and complexity

Target Audience: PhD students, Postdocs, and exceptional undergraduates worldwide from all backgrounds
