

**KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD
UG & PG DEPARTMENT OF PHYSICS**

M.SC. (PHYSICS) COURSE



The Physics building of Karnatak Science College, Dharwad (KSCD) occupies a prime position at the entry of Karnatak College Dharwad (KCD) campus (near the main gate), a bit away from the college road, distanced from it by the garden (park) and the football ground. The post-graduate course in Physics was started on self-finance basis in the year 2011 and has been successfully running till date, with two specializations, namely, **Nuclear and Particle Physics (NPP)** as well as **Condensed Matter Physics (CMP)**.

TEACHING STAFF MEMBERS 2024-25

Sl. No.	Name of the Teaching Staff Member	Designation
1.	Dr. G. H. Malimath	Professor
2.	Dr. Blaise Lobo	Professor
3.	Dr. (Smt.) Nirupama J M	Assistant Professor
4.	Dr. (Smt.) Geeta N Chavan	Assistant Professor
5.	Dr. (Smt.) Jyothi S Doddamani	Assistant Professor
6.	Dr. (Smt.) Reshma A Nesargi	Assistant Professor

- All regular faculty members have Ph.D. and Project guidance experience.
- Assistance is provided to M.Sc. students by Research scholars as well as Ph.D. guides (recognized by KUD) and M.Sc. project supervisors.
- There are full time teachers appointed specifically for the PG course in Physics by the University authorities, in addition to the permanent faculty members mentioned above.
- Individual attention is given to each PG student, during theory, lab sessions and project work.



FRESHER'S DAY 2023-24

THE PG PROGRAMME IN PHYSICS

- It is a 2-year full time course.
- An innovative and well-designed MSc programme that prepares quality physicists for the high-technology and competitive workplace.
- Provides a flexible, yet solid education on theories, techniques and frontier developments in physics including:
 - Nuclear and Particle Physics
 - Condensed Matter Physics
- Strengthens students background to cope with ever-evolving challenges .
- Prepares graduates to pursue higher master or doctoral degree courses in a wide range of science disciplines.
- Emphasis on clearing screening examinations like SLET, NET, GATE and other competitive examinations.

ADMISSION REQUIREMENTS

- A bachelor's degree in a relevant science subjects, with physics as one of the optional or DSE subjects studied.
- Shall pass a qualifying entrance examination conducted by the Karnatak University.
- Fulfil the university entrance requirements.
- No donations are collected. There are no hidden charges.



BATCH OF 2023-2024

OUR FACILITIES

- Separate departmental library, NLIST journal browsing facility and e-learning materials, which can be freely used by students in the Dr.V.K.Gokak library present in the KCD campus.
- Well equipped laboratories and computer laboratory. Students are provided 24 hours access to the laboratory in order to perform research/project work.
- Research project supervision is done by faculty members with several years of experience in this regard. Students are encouraged to publish research papers in reputed journals using their project data. They are encouraged to attend seminars and conferences to present their work.
- USIC KUD instrumentation facility is extended to our MSc students, as KCD is a constituent college of KUD.
- Spacious grounds for indoor and outdoor sports activities.
- WIFI and 24/7 CCTV surveillance.
- Separate hostel facilities for girls and boys.
- Central location in Dharwad city, with good bus connectivity.
- Special training for KSLET/NET/GATE and other competitive exams.
- The department has a separate office, with full fledged staff to provide service to the students.
- Invited talks and interaction sessions with scientists are arranged through the Science Association and Einstein Study Circle.
- Access provided to electronics laboratory and research laboratory in the departments.
- Students are encouraged to take part in Sports and Cultural Activities.
- Classic darkroom facility is available for spectroscopy experiments and research/project work.

OUR ACHIEVERS

Sl.No	Name of the student	Exams qualified/Ph.D. Awardees
1	Mallikarjun Hoogar	NET
2	Veeresh Hiremath	NET
3	Dr. Shivaprasadagouda Patil	NET, Ph.D.
4	Praveenakumara Valmiki	NET
5	Rakshita H.A	GATE
6	Avinash Patil	GATE
7	Gurunath Honnikol	SLET
8	Goutami Nagendra Balimane	SLET
9	Kiran Gadivaddar	SLET
10	Sonal Kalal	SLET
11	Dr.(Ms.) Veena Kindalkar	Ph.D., SLET
12	Dr.(Mrs.) Preeti Hammannavar	Ph.D.
13	Dr.Shreedatta Hedge	Ph.D.

