



PROSPECTUS
2023 - 24

M.Sc. **CHEMISTRY**

GOVINDA DASA COLLEGE
DEPARTMENT OF PG STUDIES IN CHEMISTRY
SURATHKAL - 575 014, D.K., KARNATAKA

(MANAGED BY HINDU VIDYADAYINEE SANGHA (R.))

ACCREDITED WITH 'A' GRADE BY NAAC (CGPA 3.14)

AFFILIATED TO MANGALORE UNIVERSITY

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ABOUT THE COLLEGE

Govinda Dasa College, established in the year 1967, is a leading educational institution in coastal Karnataka offering a number of undergraduate courses. It has a very clean and green campus spread over five acres of land; with a spacious library, playground, state of the art computer laboratory, conference hall and audio-visual hall. The members of the faculty are experienced and are capable of bringing out the latent talents of students.

The College is located within the city limits of Mangalore City Corporation, about 14 kms from the heart of the city towards Udupi. It is adjacent to National Highway 66 and is well connected by buses and railways. The Surathkal railway station is just about half km from the College. The college is very close to the beautiful Surathkal beach which is a widely acclaimed tourist spot.

OUR VISION

To facilitate students, largely coming from rural areas, reach higher levels of knowledge, capabilities and human values by the pursuit of excellence and promotion of quality for leadership.

OUR MISSION

- 🔗 To give priority to girls' education.
- 🔗 To promote human values by practising them.
- 🔗 To offer quality education at an affordable cost.
- 🔗 To impart skills for acquiring and generating knowledge.
- 🔗 To promote responsible citizenship through outreach programmes.
- 🔗 To prepare the students for career responsibilities by honing their soft skills.
- 🔗 To facilitate effective interaction among Management, Faculty, Students, Parent & Alumni.

SALIENT FEATURES

- 🔗 Industry Institute Interaction Cell for Projects Research, Internship and Placement
- 🔗 Developing Entrepreneurship in Chemical Based Home Industries
- 🔗 Inculcation of Research Culture. Focus on Industrial Needs
- 🔗 "Chemical Society" for Student - Community Interaction
- 🔗 Promotion of Employable Skills and Competence
- 🔗 Value added Industrial Certificate Courses
- 🔗 Affordable fee Structure
- 🔗 Industry Academia Interaction

COLLEGE AMBIENCE

- 🔗 Guidance from the Professionals
- 🔗 Interactive Atmosphere in Class Rooms
- 🔗 Green, Clean and Hygienic Surrounding
- 🔗 Hands-on Experience in Well-equipped Laboratory
- 🔗 College Located on NH 66, Near Major Industries and SEZ Region



VIDYA PARA DEVATHA

EDUCATION IS AN EVER WIDENING PROCESS...
A JOURNEY THROUGH NEW HORIZONS...

BE A PART OF THIS
BY SEEKING KNOWLEDGE
WITH HARD WORK, PERSEVERANCE
DILIGENCE AND HUMILITY



FACILITIES OFFERED

- 🔗 Open Access Library
- 🔗 Education Loan Facility
- 🔗 State of the Art Laboratory
- 🔗 Need and Merit Based Scholarships
- 🔗 Hostel Facilities for Girls
- 🔗 Highly Qualified Faculty with Research Experience



TITLE OF MODULE

SEMESTER

01



- CH H 401 : Inorganic Chemistry
 CH H 402 : Organic Chemistry
 CH H 403 : Physical Chemistry
 CH S 404 : Inorganic Spectroscopy & Analytical Techniques
 or
 CH S 405 : Environmental Chemistry
 CH S 406 : Molecular Spectroscopy & Diffraction Techniques
 CH P 407 : Inorganic Chemistry Practicals-I
 CH P 408 : Organic Chemistry Practicals-I
 CH P 409 : Physical Chemistry Practicals-I

SEMESTER

02



- CH H 451 : Advanced Inorganic Chemistry
 CH H 452 : Advanced Organic Chemistry
 CH H 453 : Advanced Physical Chemistry
 CH S 454 : Organic Spectroscopic Techniques
 or
 CH S 455 : Chemistry of Bio-molecules
 CH E 456 : Environmental, Electro- and Surface Chemistry
 CH P 457 : Inorganic Chemistry Practicals-II
 CH P 458 : Organic Chemistry Practicals-II
 CH P 459 : Physical Chemistry Practicals-II

SEMESTER

03



- CH H 501 : Coordination Chemistry
 CH H 502 : Organic Reaction Mechanism & Heterocyclic Chemistry
 CH H 503 : Solid State Chemistry
 CH S 504 : Medicinal and Natural Product Chemistry
 or
 CH S 505 : Bioorganic Chemistry
 CH E 506 : Analytical and Green Chemistry
 CH P 507 : Inorganic Chemistry Practicals-III
 CH P 508 : Organic Chemistry Practicals-III
 CH P 509 : Physical Chemistry Practicals-III

SEMESTER

04



- CH H 551 : Bioinorganic Chemistry
 CH H 552 : Organic Synthetic Methods
 CH H 553 : Electrochemistry and Reaction Dynamics
 CH S 554 : Organometallic Chemistry
 CH S 555 : Polymer Chemistry
 or
 CH S 556 : Nuclear, Radiation and Photochemistry
 CH P 557 : Inorganic Chemistry Practicals-IV
 CH P 558 : Physical Chemistry Practicals-IV
 CH P 559 : Project Work & Dissertation



ADMISSION PROCEDURE

ELIGIBILITY

A student who has successfully completed B.Sc. Degree (with Chemistry as one of the core subject) examination conducted by any University in India or approved equivalent as recognized by Mangalore University and with not less than 45% marks in aggregate (excluding language subjects) is eligible for admission to the Post-Graduate Course in Chemistry.

PROCEDURE

Eligible candidates are required to apply for admission through a duly filled in application form which may be obtained from the college office in person or by post. Provisional admission list will be displayed in the College Notice Board and the selected candidates will be informed to appear for an interview on a specified date. Government regulations regarding reservation will be complied with while admitting the students.

CODE OF CONDUCT

Students admitted to a course will have to pay the prescribed fees. They are not permitted to bring mobile phones inside the college campus. They are subject to the rules and regulations prescribed by the University and the College regarding their attendance and conduct. Fees once paid will not be refunded.

TIMINGS

The classes are conducted between 9.30a.m. to 4.30p.m. with a break of one hour between 12.30p.m. to 1.30p.m. Whenever necessary, special classes by visiting guest faculty are conducted during holidays.

GIRLS HOSTEL

UGC sponsored Hostel is available for girl students. Women's hostel is located in a secured place in the college campus itself. Paying Guest facility is made available for boys.



SCAN
QR CODE TO GET
ONLINE APPLICATION



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