

**DEPARTMENT OF
CHEMISTRY**

**SCHOOL OF PHYSICAL AND
CHEMICAL SCIENCES**



**M.Sc. Chemistry
Admissions Open
2023-24**

CONTACT

THE DIRECTOR (ADMISSIONS)

HELPLINE : +91 95432 77888

TELEPHONE: +91 44 22759230, 22751333/334/335

Apply online : <https://crescent.education/m-sc-chemistry-2>

ABOUT THE DEPARTMENT

The department offers M. Sc and Ph. D in Chemistry since 2010. It organizes National and International Conferences periodically and Conducts international and national webinars on the emerging topics. PG students are trained to conduct events via Alkemia association to enhance their interpersonal skills. Further they are encouraged to involve in extra-curricular and social empowering activities. h-index of the department is 25 & citation 1949.



UNIQUENESS OF THE PROGRAMME

- Training for CSIR-NET and GATE examinations.
- Final semester is exclusively allotted for the project work
- Facilitates to carry out the project work in reputed Academic institutions , National labs and Industries.
- Hands on experience in operating the sophisticated instruments.

ELIGIBILITY FOR ADMISSION

- B.Sc in Chemistry from an UGC recognized institution.

INFRASTRUCTURE FACILITIES

Different laboratories in the department

- Material science Laboratory
- Organic Chemistry Research Laboratory
- Sophisticated instruments Laboratory
- Wet chemical synthesis Laboratory
- PG Laboratory



- Department is equipped with sophisticated instruments such as UV-Vis Spectroscopy , DRS UV, FTIR , GC , HPLC etc, to facilitate high class research in excellent academic environment.



EVENTS CONDUCTED BY OUR DEPARTMENT



EVENTS CONDUCTED THROUGH ONLINE

Crescent
Institute of Science & Technology
Centre for Fuel Cell Technology
Advanced Research Centre for Powder Metallurgy and New Materials
IITM Research Park
vedarajan.raman@arcl.res.in

The Science and Engineering of PEM Fuel Cells

Raman Vedarajan
Scientist
Centre for Fuel Cell Technology
Advanced Research Centre for Powder Metallurgy and New Materials
IITM Research Park
vedarajan.raman@arcl.res.in

Anodizing

Anodizing involves thickening of oxide layers on metals such as Al, Mg, Ti, and their alloys, through application of a voltage or current (200 or more A/cm²) to a metal surface that is immersed in a suitable electrolyte.

The oxide so formed must be hydrated to improve its protective qualities by exposing anodized articles to steam or hot water for several minutes, a process called sealing.

Online live Quiz

Crescent
Institute of Science & Technology
DEPARTMENT OF CHEMISTRY
14 DAYS FACULTY DEVELOPMENT PROGRAMME
ON
MATERIALS SCIENCE & NANOTECHNOLOGY
(JIP-MENT 2020)
3-17
Aug

Photocatalysis: Past, Present & Future

Dr. T. Mishra
Sr. Principal Scientist
CSIR-National Metallurgical Laboratory
Jamshedpur-831007

Triphala

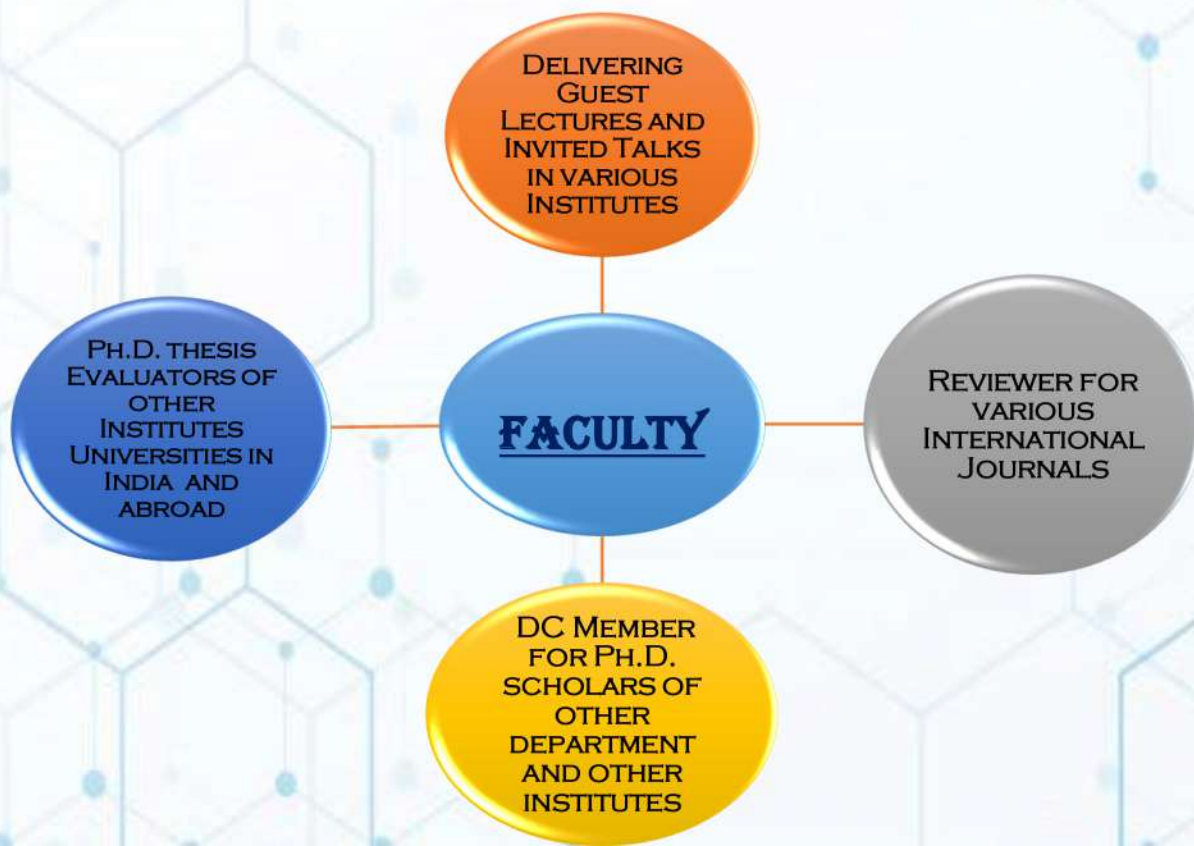
Terminalia chebula
Terminalia bellaria
Emblica officinalis

Triphala

Triphala

ABOUT THE FACULTY

- All the Faculty members are Doctorate.
- 40 % of the faculty qualified CSIR-NET.
- 20% faculty having rich teaching experience for 3 decades
- 50% of the faculty having postdoctoral experience from USA, France, Germany Portugal, Switzerland, South Korea, Taiwan, Singapore etc.
- Executed funded Project worth of 2.6 crores from DST, CSIR etc.
- Publication in SCI and SCOPUS indexed journals like Chemical Communication, Green Chemistry, Journal of hazardous materials, Sensors and Actuators B, Journal of Organic Chemistry etc.





PDF pursued by our faculty in renowned institutions



COLLABORATIVE RESEARCH BY THE FACULTY



THRUST AREAS OF RESEARCH

- Organic Synthesis
- Polymers
- Nanomaterials
- Sensors
- Catalysis
- Energy and Environment

PLACEMENT & TRAINING

- Placement cell to promote employment for all the eligible candidates.
- Internship in industries during summer vacation
- Students are placed in reputed industries like Shasun, Pfizer, Biocon, Nuray Chemicals etc.
- Entrepreneurship cell to promote innovation and start-up by CIIT

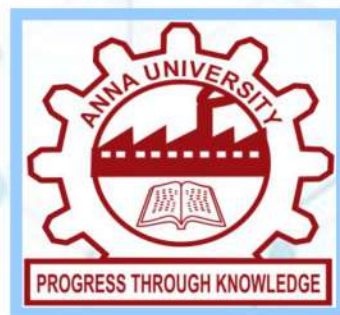


STUDENTS PLACED IN....



Anjan Drug Private Limited





Students doing Higher Studies in Reputed Institutions



Summer Internship in Renowned Institutions



CREDENTIALS FROM ALUMINI



Mr. JAYAPRASAD

Batch 2010-12

"A fortunate opportunity created by the department to work on a project with M/S Shasaun provides a platform for learning about industrial processes and currently working as Senior Research Associate in M/S Nuray chemical Pvt Ltd."



Ms. D. REVATHI

Batch 2015-17

"My hands-on experience with the instruments in our laboratory led me to become a quality control chemist at Asian Paints"



D.V.S. KIRANKUMAR

Batch 2012-14

"The Department and staffs encourages me to do higher studies and helped to learn basics, I'm currently doing post doctoral work at Taiwan"



Ms. F. AYISHA BEGUM

Batch 2016-18

"Motivates to apply for summer internship at IITS, selected as a summer intern at IIT Madras and did my project work at IIT Madras and currently doing PhD in BSACIST "

CREDENTIALS FROM ALUMINI



Mr. M. DINESH

Batch 2012-2014

"The department enable me to do my collaborative project with Anabond Pvt Ltd. It inspired me a lot and it helped to get the placement in the M/S Biocon Pvt Ltd Bangalore"



Mr. M. RAMARAJ

Batch 2013-15

"The department facilitated to do internship in industries and also for getting placement. I'm currently working as Executive Quality control in M/S Anjan drug Pvt Ltd "



Ms. BHAVADHARINI

Batch 2018-20

"I got the opportunity to work as a summer research intern at the BARC, Mumbai. In addition, I completed a final year project at the International advanced research center for powder metallurgy and new materials, where I learned a lot."



Mr. VENKATRAMANAN

Batch 2019- Present

"I pursued my project work through the department at the Yenepoya research center, where I learned about in-vivo and in-vitro techniques in biological models, which created a burning desire to pursue interdisciplinary research."



NBA
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10 Programmes
Tier-1

nirf
2022
Engg:102
Univ: 151-200

THE IMPACT
RANKINGS
SDG 6&7: Top 200
SDG 4: Top 400

QS WORLD
UNIVERSITY
RANKINGS
QS Asia University
Ranking 2022 (601-650)



QS IGAUGE
INTEGRITY
DIAMOND
Diamond

ARIIA
ATL RANKING OF INSTITUTIONS
ON INNOVATION ACHIEVEMENTS
BAND EXCELLENT

DEPARTMENT OF CHEMISTRY

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Admission Help-desk

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Apply online : <https://crescent.education/m-sc-chemistry-2/>

or



For complete details of the department(video) - <https://bit.ly/3pIDTQ3>