

**DEPARTMENT OF  
CHEMISTRY**

**SCHOOL OF PHYSICAL AND  
CHEMICAL SCIENCES**



**M.Sc. Chemistry  
Admissions Open  
2026-27**

**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  
**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

**Amalgam**

Amalgams involve mixing of metal layers on metals such as Ag, Bi, Sn and their alloys through application of a voltage or current (200 or more A/cm<sup>2</sup>) 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**

B.S. ADOLF KHANNA  
**Crescent**  
 Institute of Science & Technology  
 (Deemed to be University) - 8 of the UGC Act, 1956  
 657 Road, Vandalur, Chennai 600 049

DEPARTMENT OF CHEMISTRY  
 14 DAYS FACULTY DEVELOPMENT PROGRAMME  
 MATERIALS SCIENCE & NANOTECHNOLOGY  
 (7DP-MSNT 2020)

3-17  
 Any

**Photocatalysis: Past, Present & Future**

**7**  
 Faculty Development Programme

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

**Triphala**

Terminalia chebula, Terminalia bellirica, Embelia officinalis

Kashala, Thandilam, Pathala

## 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.

DELIVERING  
GUEST  
LECTURES AND  
INVITED TALKS  
IN VARIOUS  
INSTITUTES

PH.D. THESIS  
EVALUATORS OF  
OTHER  
INSTITUTES  
UNIVERSITIES IN  
INDIA AND  
ABROAD

**FACULTY**

REVIEWER FOR  
VARIOUS  
INTERNATIONAL  
JOURNALS

DC MEMBER  
FOR PH.D.  
SCHOLARS OF  
OTHER  
DEPARTMENT  
AND OTHER  
INSTITUTES



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

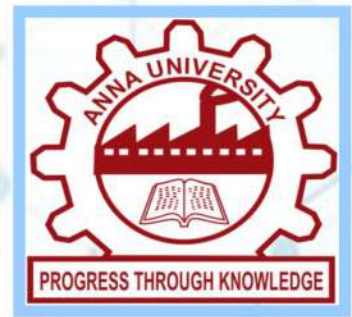


STUDENTS PLACED IN.....



Anjan Drug Private Limited





## Students doing Higher Studies in Reputed Institutions



## Summer Internship in Renowned Institutions



## CREREDENTIALS 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 "

## CREREDENTIALS 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.”



## DEPARTMENT OF CHEMISTRY

### Contact

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Professor & Director (PG Admissions)  
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### Admission Help-desk

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GST Road, Vandalur, Chennai 600 048. Tamilnadu. INDIA



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or



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