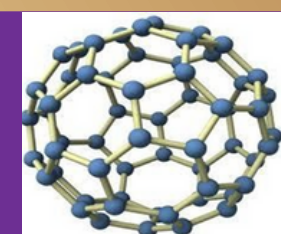




St. Ann's College for Women



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ELEMENTS

2021-2022

"IN HOUSE NEWS LETTER"

(Campus Khabar)

Department of CHEMISTRY

Issue XVI

Planning Board

Ms.G.Aphia Mary

Editor

Vadla Pranavi



Dr. Sr. P. Amrutha

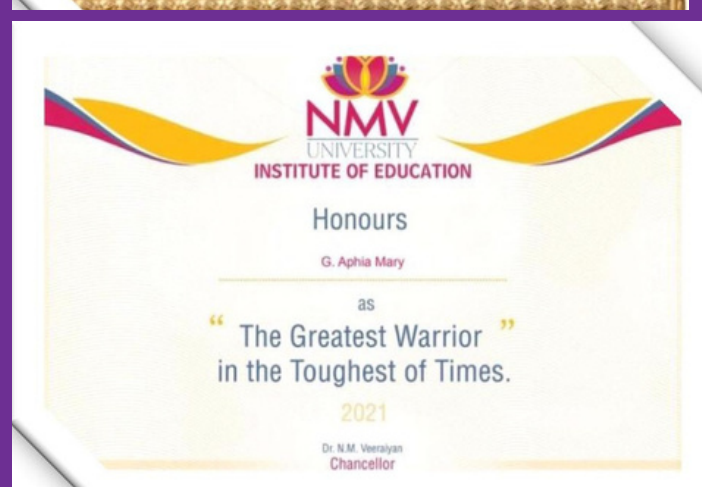
Principal's Message

It gives me immense pleasure to see the XVI edition of **ELEMENTS**. Science teachers play an important role in nation building and Elements has been playing a stellar role in showcasing the activities of Chemistry department of our college. My congratulations and best wishes to the department and the editors.

Editor's note

Welcome to Elements, the annual newsletter about the Chemistry department of St. Ann's College. If you are thinking that the Chemistry department has named it Elements, then you are right. But it also conveys the various elements that gives the department a unique and the central place in the college. We successfully completed this academic year with a huge unpredictable talent from the freshers. we hope you enjoy every stop on this tour.

Department Highlights and Achievements 2021-2022



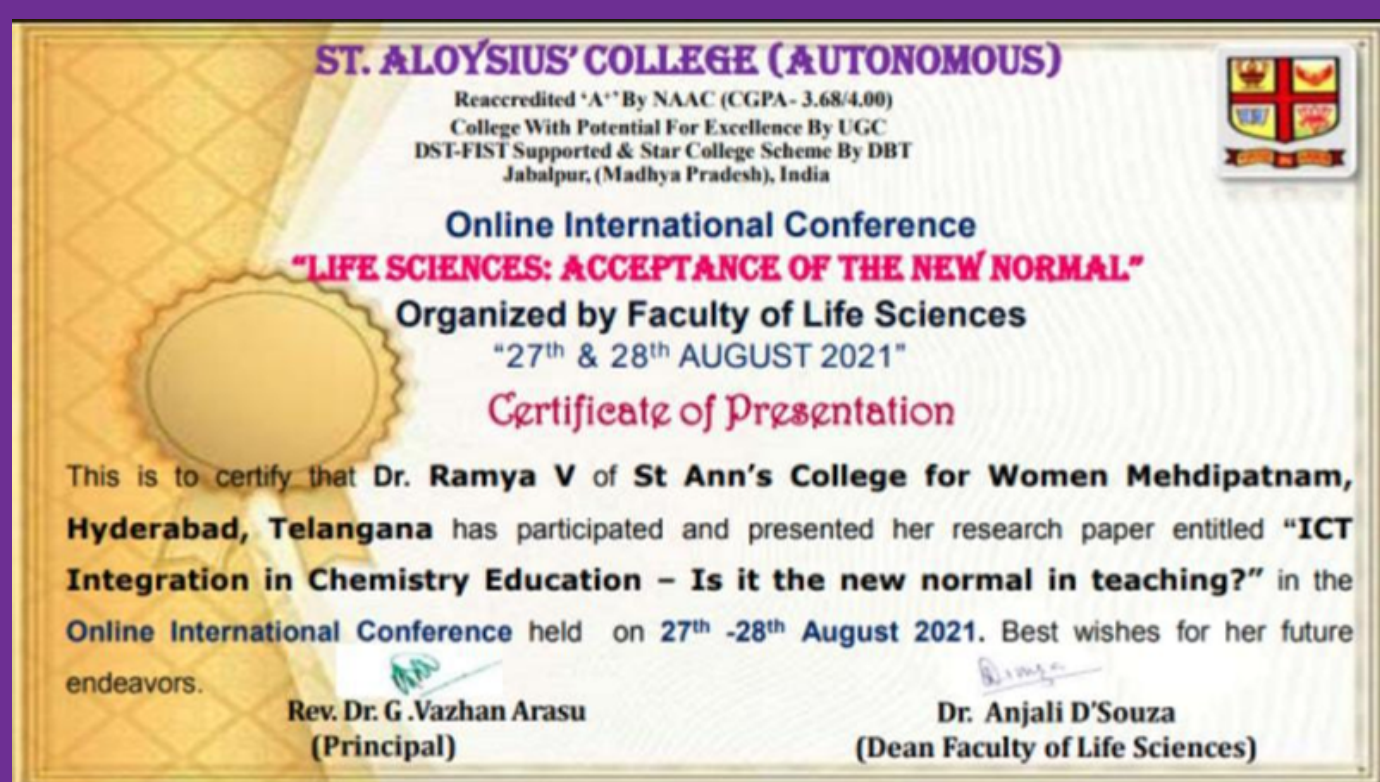
Ms. G. Aphia Mary was awarded with -

- Bharatjyoti Acharya Shiromani Award-2021
- INDIA PRIME top 100 Professors Award-2021.
- The greatest warrior in the toughest of times Award 2021.

Faculty paper publications

- Ms. G. Aphia Mary published a paper in Galaxy International Interdisciplinary Research Journal with title "Green Synthesis Of Copper Nanoparticles Using Eclipta Prostrata Leaves Extract And Their Impact On Seed Germination And Seedling Growth Of Sorghum Vulgare."
1. Green synthesis of copper nanoparticles using Eclipta Prostrata leaves extract and their impact on seed germination and seedling growth of Sorghum vulgare.
- Ms. G. Sowmya Devi & Ms. M. Sujatha published a paper in YMER digital with title "Environment Friendly and Low-Cost Method for Removal of NO₂ from Aqueous Media using Paper Pulp"

Faculty paper presentation



- Paper Presentation by Ms. Ramya V in International conference Life Sciences: Acceptance of the New Normal on 27th and 28th August, 2021, organized by ST ALOYSIUS COLLEGE Jabalpur. Paper title - ICT integration in Chemistry Education - Is it the new normal?
- Paper Presentation by Ms. Ramya V, Ms. K. Vasavi in International conference Chemical advances in sustainable development on 12th and 13th April 2022, organized by University college for Women, Koti, Hyderabad. Paper title- Assessment of water Quality of major lakes of Hyderabad.



Mrs. G. Sowmya Devi

Received NAARI SHAKTHI- Best Woman Academician Award 2022 on the Eve of INTERNATIONAL WOMEN'S DAY CELEBRATIONS on 8th March 2022.



Ms. Nazia Fathima received Academic Excellence Award by Institute of Scholars, Bangalore

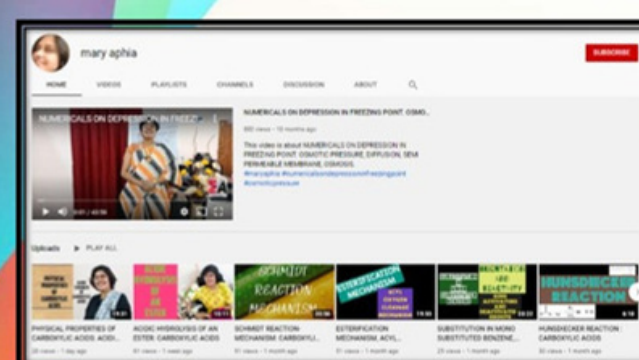


Dr. Khairunnisa Amreen Research Excellence in Electrochemistry Award-2022



Mrs. M. Sujatha received NAARI SHAKTHI- Best Woman Academician Award 2022 on the Event of INTERNATIONAL WOMEN'S DAY CELEBRATIONS on 8th March 2022.

YouTube Channel by Ms. Aphia Mary



- ✓ Channel name: mary aphia
- ✓ Link: https://youtube.com/channel/UCCS03IPk3IE00_xpbonexbQ
- ✓ 200 Videos



- Dedicated Youtube Channel for learning Chemistry by Ms. Aphia Mary.
- Made understand Chemistry for students easy through online mode.

Student participation in departmental extension activities



- V. Pranavi, G Anupama of BBC second year and Swaranjali and Sujin of GCM second year(R 20) participated in the outreach program (Spreading awareness about the preventive measures of Covid 19)
- Prasanna, Tejaswini, Supriya of BZC final year(R 19) participated in social responsibility activity (LEARNING IS THE EVOLUTION OF MIND)
- Department of Chemistry entered an MOU with The Pharma Patashala on 26th April 2022.

Co-Curricular activities



- Based on the college theme RESILIENCE - 2021, department organized an Intercollegiate event, “Resilient Friendship Bonding with Chemistry”, August 1st 2021.



- As a part of welcoming R 21 batch students, Department organized Molecular Rangoli competition, 20th September 2021.
- National Chemistry Week 2021 from 20th -23rd October 2021 was celebrated, conducting various virtual competitions throughout the week by Chem club.

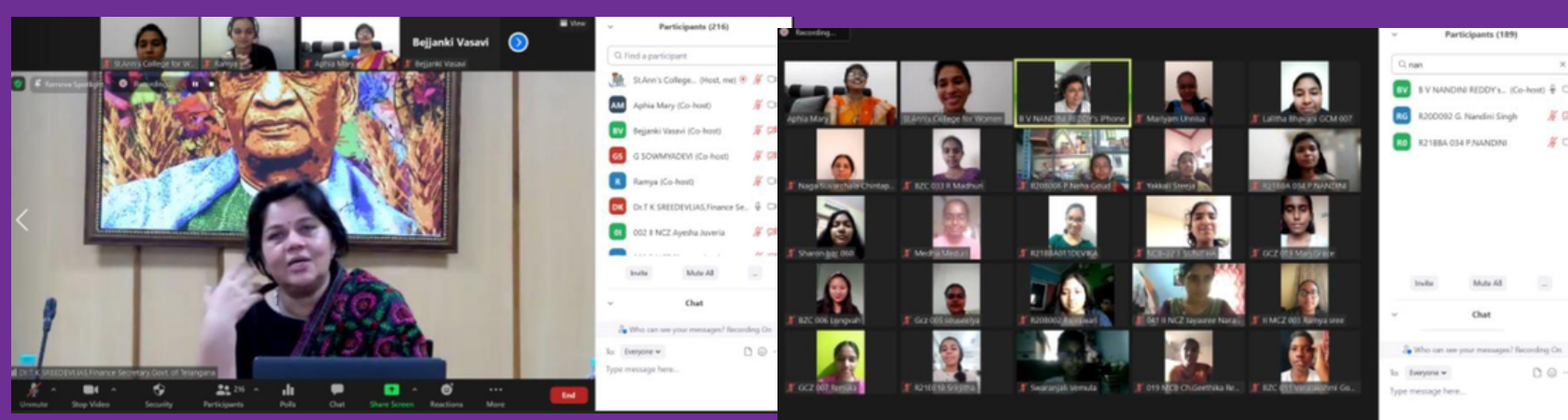
Social Responsibility programs



- Department organized an awareness program on ‘National Pollution Control Day’, 4th December 2021.

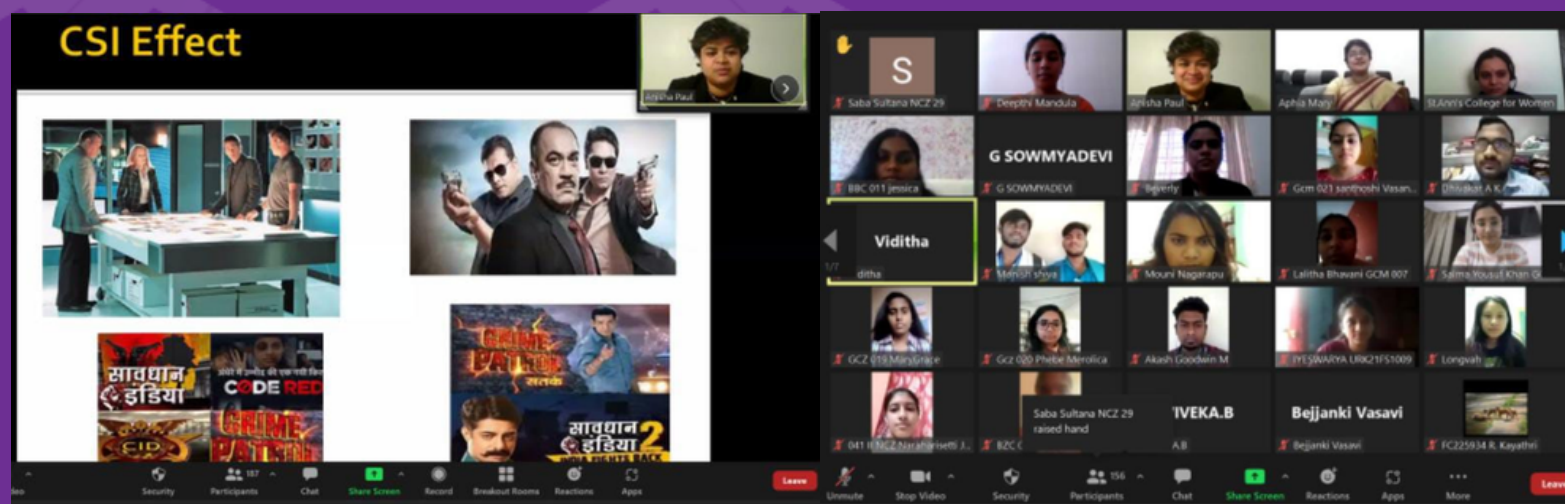
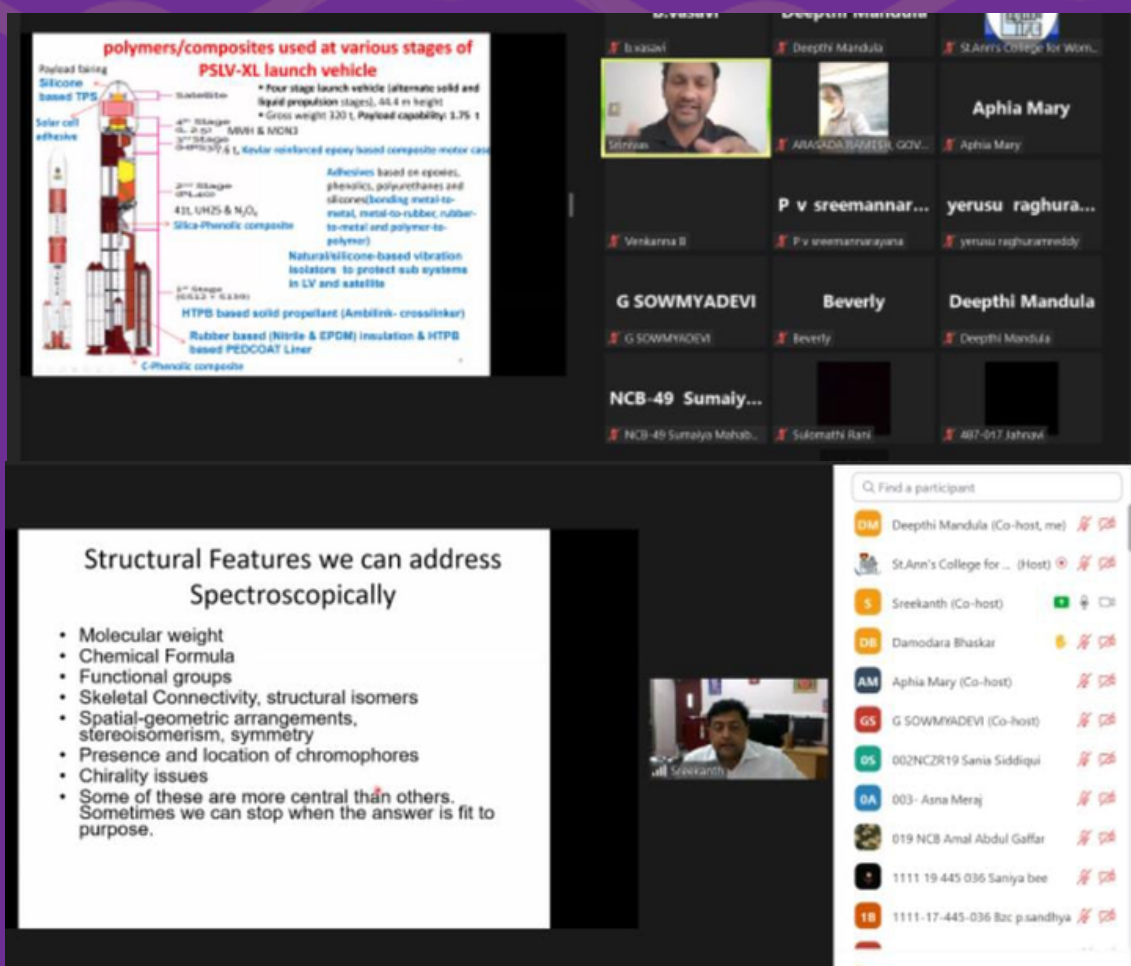


- Faculty and students had the opportunity to visit St. Thomas’ (SPG) Co-Ed High School to interact and teach 7th, 8th and 10th class students a few topics as part of their corporate responsibility program, 17th November 2021.
- Commemorating International Women’s Day- A five-day Impact Lecture Series was organized by the department from 8th -12th March 2022.

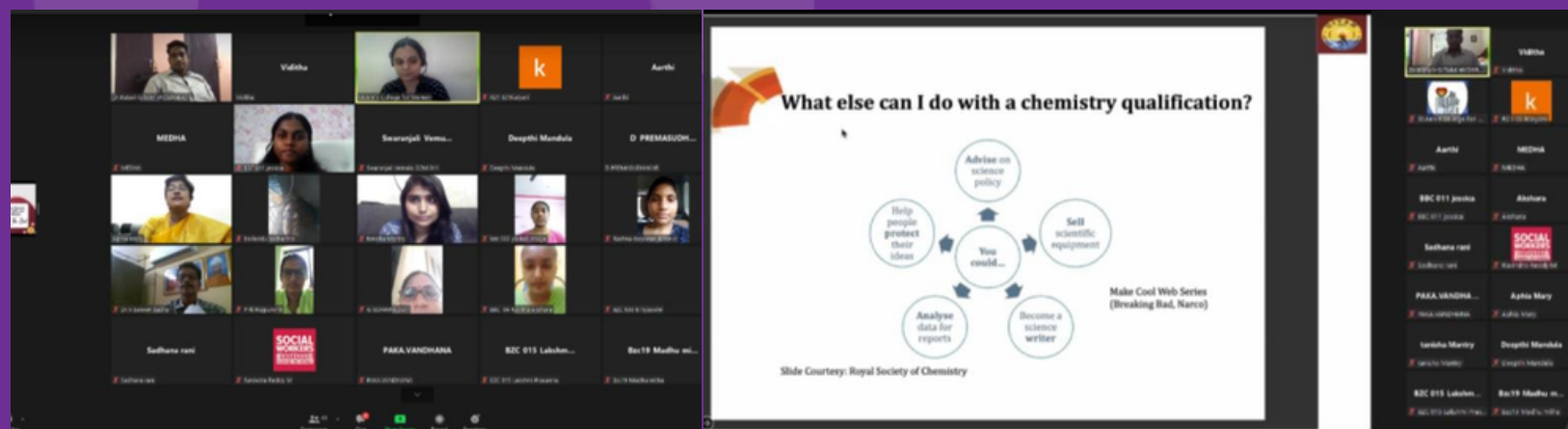


Academic activities

- Orientation program was organized by the department for fresher's (R 21), 9th October 2021.

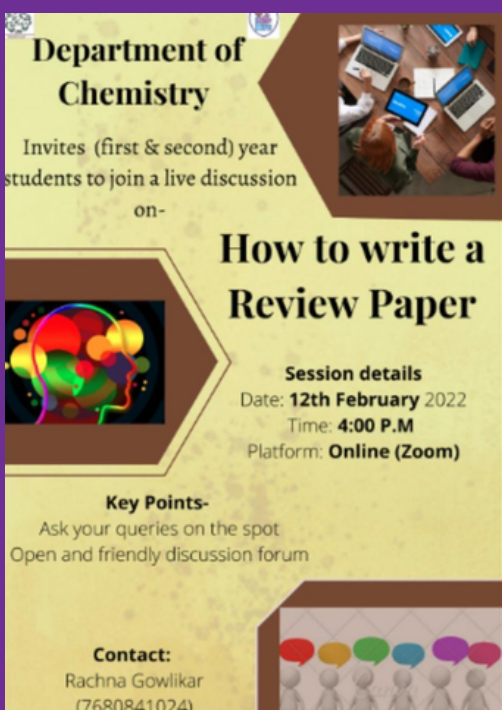


- Guest Lecture on "Forensic- Cracking the Crime with Chemistry" was organized by the department on 26th February 2022.



- National Webinar on Careers in Chemistry- "Opportunities & Prospects" was organized by the department on 19th February 2022.

- Two Day National Webinar on "Spectroscopy- The Fascinating Science of Structure Determination", was organized by the department on 24th & 25th January 2022.



- Peer learning session on "How to write a review paper", was organized by the department on 12th February 2022.



- Chemistry @ A Glance, 280 students of B.Sc. III Year have designed posters on various topics in Chemistry -Book release, 14th March 2022.

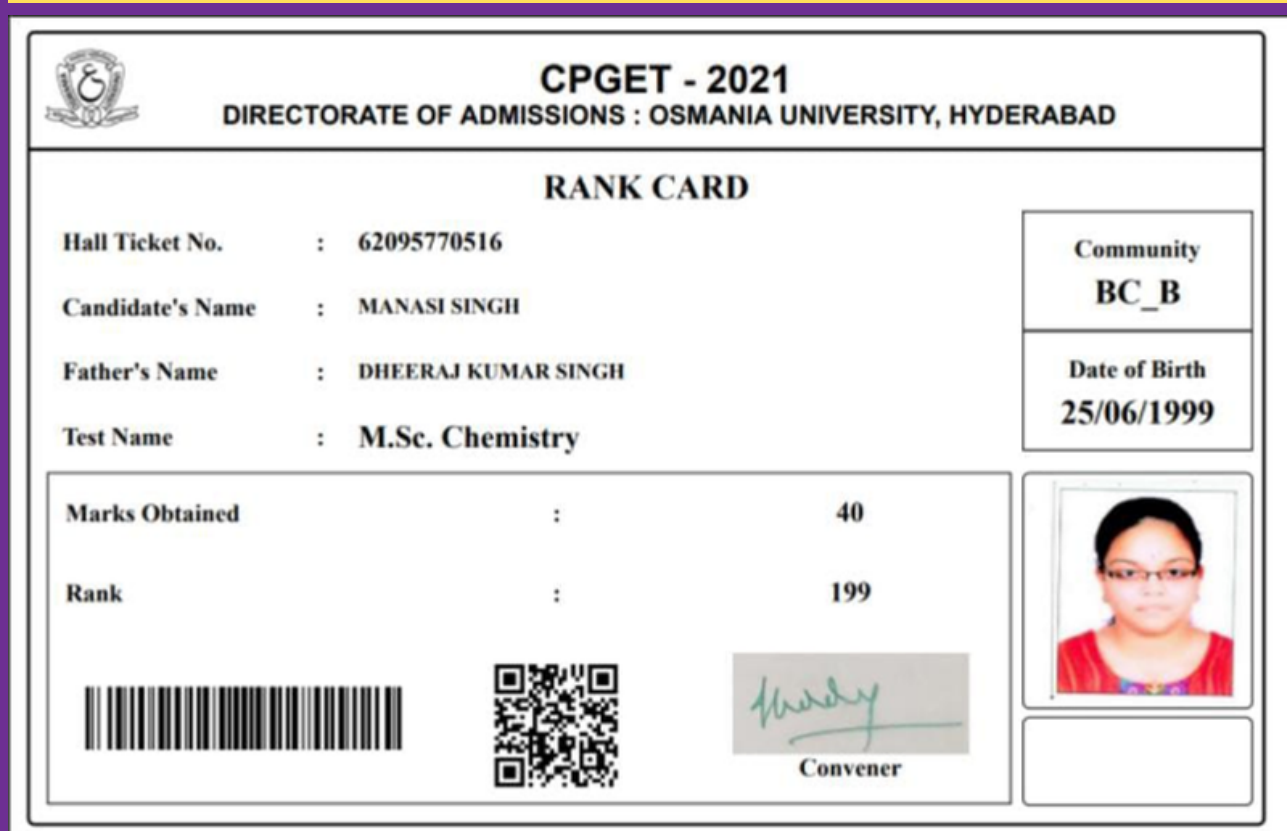


- Students of M.Sc Chemistry visited GITAM School of Science, GITAM (Deemed to be University) as a part of field trip on 26th March 2022.



- Five Day National Online FDP on "Enhancing Academic and Research Endeavors in Chemistry at Higher Education Institutions" from 4th-9th April 2022

Student achievements



- Manasi of III B. Sc(R 18) MCZ secured 199th rank in Chemistry CPGET.



- Vadla Pranavi of BBC/GCM (R 20) was awarded first prize in e- poster competition on the topic "Only one Earth", conducted by the Department of Chemistry and Forensic Science, RBVRR Women's College, Narayanaguda and Government Degree College for Women, Begumpet on 5th June 2022.