

# 4 MINUTE RESEARCH PITCH

15-16, APRIL 2022

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Jointly Organised by :  
**Department of Chemistry**  
**IIS (deemed to be University), Jaipur**  
**Govt. Madhav Science PG College, Ujjain**

## About the Institute

IIS (deemed to be University), Jaipur is among the pioneers in Rajasthan in imparting high-quality education to women in different streams. It is known for excellence in delivering value-based education to students and encourages them to think innovatively in different walks of life. It particularly focuses on preparing students to become world-ready citizens, who are abreast to take any professional and social challenges with an educated and empowered mind.

The University offers UG, PG and Doctoral programmes in Arts, Science, Commerce, Home Science, Management and Computer Science & IT. Established in 1995 as the International College for Girls, affiliated to the University of Rajasthan, the college has crossed significant milestones in its journey towards excellence in higher education. Besides receiving numerous other accolades, it was accredited by NAAC of UGC, recognized as a College with Potential for Excellence (CPE) by the UGC and selected as a model college by the state government.

With the grant of memberships of the Association of Indian Universities (AIU), the Association of Commonwealth Universities (ACU) and of Association of Universities of Asia and the Pacific (AUAP) along with the grant of 12-B Status by the UGC, accreditation by NAAC-UGC in 2014, the University is committed to achieving even higher standards in the field of higher education.



## About ACT

Association of Chemistry teachers established in 2000 is in its 21st year of dedicated service to the academic community. ACT is at the forefront of the innovation in Chemistry education through its manifold activities -National and International conferences, webinars, symposiums and training workshops for teachers, students, researchers and industrial chemists. The annual National Convention of Chemistry Teachers (NCCT), Concept test in Chemistry for Undergraduate students, celebration of National Chemistry day and publication of news letter are some of the regular activities. Chemistry popularization workshops have been organized in collaboration with Royal Society of Chemistry, London, UK and DST New Delhi. ACT is involved in the Chemistry Journal, GP Globalize Research Journal of Chemistry (ISSN:2581-5911).

[www.associationofchemistryteachers.org](http://www.associationofchemistryteachers.org)

## About the Department

The Department of Chemistry is one of the leading Departments in the Faculty of Science, offering the following programmes of study:

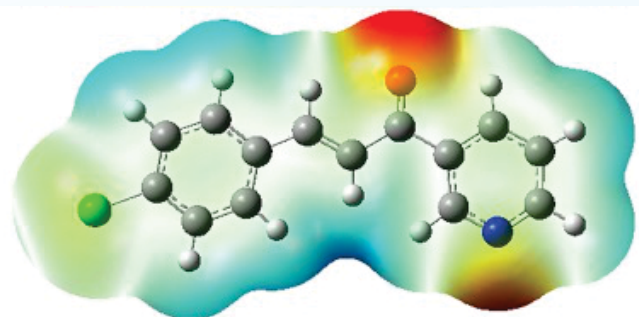
- ▶ Ph.D.
- ▶ M.Sc.
- ▶ B.Sc. (Hons.)
- ▶ B.Sc.

It has a rich tradition of imparting high-quality teaching and research in cutting-edge thrust areas of chemical and interdisciplinary science, providing intensive research training to students and research scholars. The Department has also taken the lead in introducing innovations in the curricula and pedagogy and has, accordingly, introduced a number of job-oriented courses in the programmes being offered - viz. nanotechnology, computational and green chemistry, among others - thereby preparing students for jobs in teaching, medical research, testing/ medical laboratories, pharmaceutical/ companies, etc. The pedagogy adopted to deliver such quality education includes seminars, workshops, expert talks, field visits, presentations, demonstrations, practicals, dissertation and projects, over and above the regular lectures. In terms of physical resources, the Department possesses good infrastructure to support a variety of teaching and research-based initiatives.

Research is a central component and is embedded in the curricula of different programmes on offer. The faculty members embrace the teacher-scholar model and are committed to advancing chemical and interdisciplinary sciences by engaging students in the research process. Each faculty member is actively engaged in research and publishes regularly in quality journals. The Department also has one patent to its credit.

The Research areas range from traditional areas of chemistry (i.e. analytical, biochemistry, inorganic, organic, physical and green chemistry) to interdisciplinary pursuits in materials chemistry, nanotechnology, medicinal chemistry and computational chemistry. Regular interface with eminent scientists and researchers from various universities and research institutes - both from within India and abroad - are regularly organised on some of the frontier areas of study and research. This is also for the purpose of fostering and encouraging collaborative and/ or interdisciplinary research in the thrust areas within chemical sciences.

In sum, the Department's mission is to nurture a world-class quality teaching environment for undergraduate, postgraduate, and doctoral research programmes and to empower the students to meet the challenges posed by the academia and the industry alike.





## Aims and objectives of the Event

The 4-Minute Research Pitch is an online event that will give an opportunity to the UG/PG/PhD/Post-doctoral researchers from all chemistry and allied sciences to celebrate their dynamic and exciting research-idea through a four minute-pitch.

It is a way to demonstrate to others why one should pay attention to an individual research work, ongoing or proposed. In four minutes' time, the participating researchers should be able to explain the value of their work to fellow researchers as well as to the public, policymakers and funding agencies. The presentation need to enthrall their audience so that they can understand the research conducted and its significance. The challenge of this competition is that the participant must find what is interesting and exciting about his/her work and convey it in short. In other words, this is the distillation of a student's entire research project to find out the primary endpoint!!

Communication is a skill much needed by researchers in today's time, be it when facing a job interview or presenting their research plan to a funding agency or sharing the outcomes/ findings with the audience in the form of an oral or a poster presentation. They will have to make sure that they get across exactly what it is that they are doing and what is their research work's unique quality!!!

The objective of this event, therefore, is to give researchers an opportunity to showcase and hone both their communication as well as presentation skills.

This pitch will teach them to prioritize the most important things and filter out the best in their research and subsequently in their lives too.

After all, two hundred and forty seconds of somebody's time is probably all one needs to make an impact and be remembered for it !

Further, it will also give an opportunity to all participating delegates to update the Scientific and Academic communities with the current advancement in frontier areas of Chemistry. It will provide a platform to the participants to present their original research work and share their ideas, with the peer group and seniors group of people from different parts of the world.

The event is open for the student and faculty of Science stream.

## Who Can Participate ?

- Science students of UG, PG, M.Phil and Ph.D. programmes
- Faculty
- Industry persons

## Guidelines

### Presentation

The participation is individual.

Each presenter will be given 4 minutes time slot to describe the research work to the audience with the use of PowerPoint slides or any other mode.

### Abstract Submission

The abstract should be up to 250 words including:

- Title MS Word in Arial (Size 16 points) in single spacing
- Authors MS word in Arial (Size 14 points)
- Affiliation The name of the presenting author should be underlined. MS Word in Arial (Size 12 points)
- Email MS Word in Arial (Size 10points)
- Abstract MS Word in Arial (Size 12 points) in single spacing

Abstract should briefly include the purpose of study, methods, results and conclusions. At the bottom of the page, please indicate the thrust area and category (UG/PG/Research).

Abstract should be submitted online at the following email by March 31, 2022

Email- [respit.4@iisuniv.ac.in](mailto:respit.4@iisuniv.ac.in)

All the submitted abstracts will be scrutinized by a reviewing committee and a letter of the acceptance will be sent by e-mail.

The abstracts of only registered candidates will be considered for presentation.

## Awards

Best presentation will be awarded in the given categories:

- Under Graduate
- Post Graduate
- Research Scholar
- Faculty

A copy of ID Card issued by the institution of study or work is to be uploaded with registration form.

Presentations will be judged based on the following:

- How well the entire research objective is covered in 4 minutes time
- Content
- Overall Presentation  
Decision of the panel of judges will be final.

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REGISTRATION IS FREE AND E-CERTIFICATES WILL BE PROVIDED TO ALL PRESENTERS & PARTICIPANTS  
REGISTRATION IS OPEN FOR NON PRESENTERS ALSO

**REGISTER NOW**

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LAST DATE OF REGISTRATION : 31 MARCH 2022



Contact Persons :

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