



National Competition for Research Excellence 2023

Indian National Young Academy of Science (INyas) is pleased to announce its National Competition for Research Excellence 2023 in 5 research areas.



A) BEST RESEARCH IN NATURAL NANOFIBERS WITH SOCIETAL IMPACT

Eligibility: Ph.D. students from any discipline, graduated or submitted thesis in the year 2022 from any institute, university or R&D lab are eligible to apply.

They must have published at least one paper in a peer reviewed international journal as first author.

Research area: Natural nanofibrous bear a huge potential in providing sustainable solutions for various societal problems in health and environment. This award is to acknowledge the research contribution in applied research where natural nanofibers (fibres below 100 nm originating from natural sources) or their modified forms are utilised in the area of healthcare and environmental remediation.

Sponsored by Mudrika Khandelwal,
Associate Professor, Cellulose and
Composites Group, IIT Hyderabad.

 <https://youtu.be/7KUiPQxrjAO>
 ₹10,000/- and a certificate



B) BEST Ph.D. THESIS IN THE AREA OF CARBON MATERIALS

Eligibility: Ph.D. students from any area of Basic Sciences or Applied Engineering who worked in the broad area of carbon materials and have graduated in the year 2022

They must have published at least two papers in a peer reviewed international journal (Scopus/Web of Science indexed) as first author.

Research Area: Carbon is nature's building block and one of the most versatile engineering materials. Carbon materials have received tremendous attention in a variety of applications including energy, environment and healthcare. This award is instituted to appreciate the best doctoral research in the area of carbon materials.

Sponsored by Chandra Shekhar Sharma,
Professor, Carbon Lab, IIT Hyderabad.

 <https://youtu.be/MDciQ5a2xWU>
 ₹10,000/-, certificate and a plaque





C) BEST THESIS FOR EXCELLENCE IN NANO INNOVATION

Eligibility: Ph.D. students from any area of Basic Sciences or Applied Engineering who have graduated in the year 2022 from any institute, university or R&D lab. PhD students who submitted their thesis by 31st December 2022 are also eligible to apply.

Research Area: The award will be given for ground breaking invention in the field of nanotechnology especially in Chemical engineering, Material Sciences and Biological Sciences. The invention should have a large social impact

Sponsored by E-Spin Nanotech Pvt. Ltd .

 <https://youtu.be/Q3kkySwluEM>
 ₹25,000/- and certificate





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D) BEST Ph.D. THESIS IN THE AREA OF ELECTROCHEMISTRY

Eligibility: Ph.D. students from any area of Basic Sciences or Applied Engineering who have graduated in the year 2022 from any institute, university or R&D lab. PhD students who submitted their thesis by 31st December 2022 are also eligible to apply.

Research Area: Metrohm offers a wide range of services and support for carrying out the state of the art research in the vast field of electrochemistry. This award is instituted to honor the best Ph.D. Thesis in the broad area of electrochemistry including advancing the fundamental understanding as well as developing new technological solutions at the forefront of electrochemical research. Some of the applications of electrochemistry include but not limited to areas like energy storage & conversion, corrosion, coatings, electrolysis and sensors.

Sponsored by Metrohm India Pvt. Ltd.

 ₹10,000/-, certificate and a plaque

 <https://www.youtube.com/watch?v=rkbz111uCDE>



E) SIR JOHN MASON OUTSTANDING THESIS FOR INTERDISCIPLINARY RESEARCH

Eligibility: Ph.D. Students from interdisciplinary fields of Atmospheric Sciences, Astrochemistry and Planetary Sciences graduated or submitted thesis in the year 2022 from any University (and affiliated colleges) and autonomous colleges are eligible to apply. In the case of woman candidates, if they have graduated (with Viva) in the year 2021 are also eligible to apply. They must have published at least one paper in a peer-reviewed international journal as the first author.

Research Area: Fundamental research carried out in the interdisciplinary fields of Atmospheric Sciences, Astrochemistry and Planetary Sciences.

Sponsored by Mr Sivaraman, Karaikudi

 ₹10,000/-, certificate and a plaque

How to apply: Interested and eligible candidates may apply through the following Google form link.



[click here or scan qr code for google form link](#)

THE RESULTS ARE EXPECTED TO BE ANNOUNCED IN JULY-AUGUST 2023

IN CASE OF ANY QUERY
 inyascompetitions@gmail.com