



# INSTITUTE OF CHEMICAL TECHNOLOGY, MUMBAI

Deemed to be University (MHRD/UGC) Elite Status & Centre Excellence, NAAC Accredited A  
Nathalal Parekh Marg, Matunga, Mumbai 400019 Tel: +91-022-33611005

## RESEARCH AND PUBLICATION ETHICS

February 2022 to May 2022 (Two hours session every week)

2 Credit course

30 hrs

This course is a UGC-mandated compulsory course for research scholars.

### Overview:

This course is intended to be an introduction to the philosophy underpinning scientific research and the ethics of scientific communication. Along with a theoretical understanding of various aspects of the scientific enterprise, topics of practical interest will also be covered.

### Outcomes:

After successful completion of the course, learners will be equipped to understand and deal with ethical issues arising from scientific research, effectively communicate research findings in appropriate fora, and use matrices for measuring scientific impact in a responsible manner.

### Pedagogy:

Online classroom sessions will be supplemented with hands-on training. Formative and summative assessment of learning outcomes will take the form of quizzes, assignments and mid- and end-semester examinations.

### Eligibility for Participation

PhD Research scholars of all Departments & PG Master's degree students are welcome to attend the course.

### Speakers

Dr. Shamlan Reshamwala, Mrs. Madhavi Wadkar, Guest speakers, Database trainers

### Programme Co-ordinators

#### Mrs. Madhavi Wadkar

Senior Librarian & Head  
Prof. M M Sharma Library  
Contact: 02233611126  
Email: [mm.wadkar@ictmumbai.edu.in](mailto:mm.wadkar@ictmumbai.edu.in)

#### Dr. Shamlan Reshamwala

Assistant Professor  
DBT-ICT Centre for Energy Bioscience  
Contact: 02233612318  
Email: [ss.reshamwala@ictmumbai.edu.in](mailto:ss.reshamwala@ictmumbai.edu.in)



18<sup>th</sup> Feb-20<sup>th</sup> May 2022  
Zoom Platform

Registration: <https://bit.ly/3Agg4NZ>

Last date of registration: 17<sup>th</sup> February 2022

Please note that to get approval from their respective College/Institute/University will be the responsibility of the participant

Pre- requisites for Certification:

- Registration for the Programme
- Minimum attendance of 75% of the sessions
- Score of more than 40% in the tests conducted
- Timely Submission of Feedback Forms

Programme Fees: INR 5000/-

Payment Option: Online payment details as below:

#### A. Details of Account Holder:

Name of the Account Holder:  
Institute Of Chemical Technology  
Address of the Account Holder:  
Nathalal Parekh Marg, Matunga 400019.  
Telephone No. : 91-22-3361-1256

#### B. Details of Bank Account:

Name of the Bank & Branch : Bank of Maharashtra, King's Circle (339)  
Br Add: Kaverinita Bldg 519, Mahajani Road, King's Circle, Mumbai 400019  
Bank Tel No's : +91 022-2418378 (Board Line) +91 022-24165809 (Fax)  
IFSC Code : MAHB0000339, Account No. : 20019400624  
Email Id : [bom339@mahabank.co.in](mailto:bom339@mahabank.co.in) Type of Account : Current  
9 digit MICR code : 400014051 SWIFT Code : MAHBINBLJR  
After online payment of the fees, please email the payment transaction details to  
[library@faculty.ictmumbai.edu.in](mailto:library@faculty.ictmumbai.edu.in)

Email: [library@faculty.ictmumbai.edu.in](mailto:library@faculty.ictmumbai.edu.in)

The entire 15-weeks programme will be conducted virtually on the ZOOM platform

# SCHEDULE

## RPE 01: PHILOSOPHY AND ETHICS

Week 1-2

Session 1	THE NATURE OF SCIENCE <i>Scientific theory, scientific research process</i>	Dr. Reshamwala	18 <sup>th</sup> February 2022, Friday 4pm to 6pm
Session 2	ETHICS IN SCIENTIFIC RESEARCH <i>Ethical principles adopted by researchers worldwide</i>	Dr. Reshamwala	25 <sup>th</sup> February 2022, Friday 4pm to 6pm

## RPE 02: SCIENTIFIC CONDUCT

Week 3-4

Session 3	RESEARCH INTEGRITY <i>Responsible research conduct, misconduct, conflict of interest, institutional review boards</i>	Dr. Reshamwala	4 <sup>th</sup> March 2022, Friday 4pm to 6pm
Session 4	GOOD PRACTICES IN ACADEMIC RESEARCH <i>Framework for good academic research practices</i>	Dr. Subhashree Nag Clarivate	11 <sup>th</sup> March 2022, Friday 4pm to 6pm

## RPE 03: PUBLICATION ETHICS

Week 5-7

Session 5	ETHICS IN SCIENTIFIC PUBLICATION <i>Authorship rights, overlapping publishing, salami slicing, etc.</i>	Madhavi Wadkar	19 <sup>th</sup> March 2022, Saturday 10am to 12pm
Session 6	SCIENTIFIC COMMUNICATION <i>Avenue for publication, peer-review</i>	Madhavi Wadkar	25 <sup>th</sup> March 2022, Friday 4pm to 6pm
Session 7	<i>Predatory journals</i>	Guest Speaker	1 <sup>st</sup> April 2022, Friday 4pm to 6pm

\* EXAM (Based on Session 1 to 7)

09<sup>th</sup> April 2022, Monday

## RPE 04: OPEN ACCESS PUBLISHING

Week 8-9

Session 8	OPEN ACCESS PUBLICATION <i>Introduction to the Philosophy and the concept of Open Access, its importance for publicly funded research and India's OA Policy and Plan S</i>	Guest Speaker	8 <sup>th</sup> April 2022, Friday 4pm to 6pm
Session 9	<i>Adopting OA: Institutional Repositories, Author's Rights, SHERPA-ROMEO /JULIET, preprint servers</i>	Madhavi Wadkar	22 <sup>nd</sup> April 2022, Friday 4pm to 6pm

## RPE 05: PUBLICATION MISCONDUCT

Week 10-11

Session 10	PLAGIARISM <i>Self-plagiarism, how to avoid plagiarism</i>	Dr. Reshamwala	29 <sup>th</sup> April 2022, Friday 4pm to 6pm
Session 11	<i>Demonstration of Plagiarism Software</i>	URKUND/iTHENTICATE	30 <sup>th</sup> April 2022, Saturday 10am to 12pm

## RPE 06: DATABASES AND RESEARCH METRICS

Week 12-15

Session 12	MEASURING IMPACT OF RESEARCH FINDINGS <i>Research Metrics and Altmetrics, visibility of research, academic social networks</i>	Dr. Reshamwala	6 <sup>th</sup> May 2022, Friday 4pm to 7pm
Session 13	SEARCHING AND REVIEWING SCIENTIFIC LITERATURE <i>Types of sources, literature search, search engines &amp; tools, Citation Databases, Scopus/Web of Science</i>	Madhavi Wadkar	13 <sup>th</sup> May 2022, Friday 4pm to 6pm
Session 14	<i>Demonstration of Citation Database</i>	Scopus (Guest Speaker)	14 <sup>th</sup> May 2022, Saturday 10am to 12pm

\* EXAM (Based on Session 8 to 14)

20<sup>th</sup> May 2022, Friday