



Govt. of N.C.T. of Delhi  
**DELHI TECHNOLOGICAL UNIVERSITY**  
(Formerly Delhi College of Engineering)  
Shahbad Daultpur, Main Bawana Road, Delhi-42

F.No. DTU/ACAD-PG/Ph.D./Notification/ 760

Dated: 30/08/2020.

**NOTIFICATION**

**Subject: Inclusion of “Research and Publication Ethics (RPE)” as a Compulsory Course for Ph.D Coursework**

In pursuance of the UGC notification circulated vide No. D.O. No.F.1-1/2018(Journal/CARE) dated December, 2019 in context to the subject matter above, the 2-credit course entitled “**Research and Publication Ethics (RPE)**” is made compulsory for all Ph.D. students for Pre-Registration Course Work from the academic session: 2020-2021 (**Attached as Annexure I**).


All the Ph.D. scholars who are admitted from session 2020-21 has to register for the above mentioned compulsory course and these credits will be counted towards the requirement of course credits as mentioned in R.6 of Ph.D. Ordinances & Regulations 2017.

**The course comprises of six modules listed in table below. Each module has 4-5 units:**

Course Name and Course Code	Course Credits	Weightage		Module	Unit Title	Teaching Hours
		MTE	ETE			
Research and Publication Ethics (RPE) Course Code- ‘RPE-903’	02 Credits	30%	70%	<b>THEORY</b>		
				RPE01	Philosophy and Ethics	4
				RPE02	Scientific Conduct	4
				RPE03	Publication Ethics	7
				<b>PRACTICE</b>		
				RPE04	Open Access Publishing	4
				RPE05	Publication Misconduct	4
				RPE06	Databases and Research Metrics	7
					<b>Total</b>	<b>30</b>

Delhi School of Management (DSM) would be the coordinating department for “**Research and Publication Ethics (RPE-903)**” to be commenced from the academic session-2020-21.


This issues with the approval of the Competent Authority.

  
(Prof. Suresh C. Sharma)  
Dean (Acad-PG)

**Encls.:** (As above)

Copy to:-

1. PA to VC for kind information of Hon'ble Vice Chancellor, DTU.
2. The Registrar, DTU
3. All Deans.
4. The Controller of Examination, DTU for necessary action please.
5. All HoDs.
6. Librarian, DTU.
7. Head CC with the request to upload on website under Acad-PG (Ph.D.).
8. Notice Board.
9. Guard File.

  
**(Dr. Rishu Chaujar)**  
**Associate Dean (Acad-PG)**

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ANNEXURE

**Course Title:**

- **Research and Publication Ethics (RPE)**-Course for awareness about the publication ethics and publication misconducts.

**Course Level:**

- 2 Credit course (30 hrs.)

**Eligibility:**

- M.Phil., Ph.D. students and interested faculty members (It will be made available to post graduate students at later date)

**Fees:**

- As per University Rules

**Faculty:**

- Interdisciplinary Studies

**Qualifications of faculty members of the course:**

- Ph.D. in relevant subject areas having more than 10 years' of teaching experience

About the course

**Course Code: CPE- RPE**

**Overview**

- This course has total 6 units focusing on basics of philosophy of science and ethics, research integrity, publication ethics. Hands-on-sessions are designed to identify research misconduct and predatory publications. Indexing and citation databases, open access publications, research metrics (citations, h-index, Impact Factor, etc.) and plagiarism tools will be introduced in this course.

**Pedagogy:**

- Class room teaching, guest lectures, group discussions, and practical sessions.

**Evaluation**

- Continuous assessment will be done through tutorials, assignments, quizzes, and group discussions. Weightage will be given for active participation. Final written examination will be conducted at the end of the course.



## Course structure

- The course comprises of six modules listed in table below. Each module has 4-5 units.

Modules	Unit title	Teaching hours
<b>Theory</b>		
RPE 01	Philosophy and Ethics	4
RPE 02	Scientific Conduct	4
RPE 03	Publication Ethics	7
<b>Practice</b>		
RPE 04	Open Access Publishing	4
RPE 05	Publication Misconduct	4
RPE 06	Databases and Research Metrics	7
	<b>Total</b>	<b>30</b>

## Syllabus in detail

### THEORY

- RPE 01: PHILOSOPHY AND ETHICS (3 hrs.)**
  - Introduction to philosophy: definition, nature and scope, concept, branches
  - Ethics: definition, moral philosophy, nature of moral judgements and reactions
- RPE 02: SCIENTIFIC CONDUCT (5hrs.)**
  - Ethics with respect to science and research
  - Intellectual honesty and research integrity
  - Scientific misconducts: Falsification, Fabrication, and Plagiarism (FFP)
  - Redundant publications: duplicate and overlapping publications, salami slicing
  - Selective reporting and misrepresentation of data
- RPE 03: PUBLICATION ETHICS (7 hrs.)**
  - Publication ethics: definition, introduction and importance
  - Best practices / standards setting initiatives and guidelines: COPE, WAME, etc.
  - Conflicts of interest
  - Publication misconduct: definition, concept, problems that lead to unethical behavior and vice versa, types
  - Violation of publication ethics, authorship and contributorship
  - Identification of publication misconduct, complaints and appeals
  - Predatory publishers and journals

### PRACTICE

- RPE 04: OPEN ACCESS PUBLISHING(4 hrs.)**
  - Open access publications and initiatives

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2. SHERPA/RoMEO online resource to check publisher copyright & self-archiving policies
  3. Software tool to identify predatory publications developed by SPPU
  4. Journal finder / journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester, etc.

• **RPE 05: PUBLICATION MISCONDUCT (4hrs.)**

**A. Group Discussions (2 hrs.)**

1. Subject specific ethical issues, FFP, authorship
2. Conflicts of interest
3. Complaints and appeals: examples and fraud from India and abroad

**B. Software tools (2 hrs.)**

Use of plagiarism software like Turnitin, Urkund and other open source software tools

• **RPE 06: DATABASES AND RESEARCH METRICS (7hrs.)**

**A. Databases (4 hrs.)**

1. Indexing databases
2. Citation databases: Web of Science, Scopus, etc.

**B. Research Metrics (3 hrs.)**

1. Impact Factor of journal as per Journal Citation Report, SNIP, SJR, IPP, Cite Score
2. Metrics: h-index, g index, i10 index, altmetrics

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