UNIVERSITY OF CALICUT

Abstract
DoR - Suggestions of the UGC to undertake two Credit Courses for awareness about publication ethics and publication misconducts and to make the paper "Research and Publication Ethics (RPE)" compulsory for students who have started the course work on 1st January 2020 - Implemented - Orders issued.

Directorate of Research
U.O.No. 2508/2020/Admin
Dated, Calicut University. P.O, 24.02.2020

Read:- 1) Letter from Prof. Rajnish Jain, Secretary, University Grants Commission.
2) Orders of the Vice-Chancellor dated 20-02-2020.

ORDER

Vide letter referred as 1st, it is stated that University Grants Commission in its 543rd meeting held on 9th August, 2019 approved two Credit Courses for awareness about publication ethics and publication misconducts entitled "Research and Publication Ethics (RPE)" to be made compulsory for all Ph.D. students for pre-registration course work.

In addition, Prof. Rajnish Jain, Secretary, University Grants Commission, has requested to ensure that the above two Credit courses be made compulsory for all Ph.D. students for pre-registration course work undertaken in the University from the forthcoming academic session.

Considering this, the Vice-Chancellor has ordered to make it mandatory for all research scholars to undertake two Credit Courses for awareness about publication ethics and publication misconducts and to make the paper entitled "Research and Publication Ethics (RPE)" compulsory for students who have started the course work on 1st January 2020.

Orders are issued accordingly.

Sivadamini K.V
Deputy Registrar

To
The Heads of All Teaching Departments / Heads of All Research Centres.

Copy to: The PS to VC/PA to Registrar/Prof. Rajnish Jain, Secretary, University Grants Commission/SF/FC

Forwarded / By Order

Section Officer
Respected Sir/Madam,

University Grants Commission in its 543rd meeting held on 9th August, 2019 approved two Credit Courses for awareness about publication ethics and publication misconducts entitled “Research and Publication Ethics (RPE)” to be made compulsory for all Ph.D. students for pre-registration course work (attached as Annexure).

In view of the above, you are requested to ensure that the above two Credit courses may be made compulsory for all Ph.D. students for pre-registration course work undertaken in your University from the forthcoming academic session.

With regards,

Yours sincerely,

(Rajnish Jain)

TO THE VICE-CHANCELLORS OF ALL UNIVERSITIES
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.

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<tr>
<th>Modules</th>
<th>Unit title</th>
<th>Teaching hours</th>
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<tbody>
<tr>
<td>Theory</td>
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<tr>
<td>RPE 01</td>
<td>Philosophy and Ethics</td>
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<td>RPE 02</td>
<td>Scientific Conduct</td>
<td>4</td>
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<td>RPE 03</td>
<td>Publication Ethics</td>
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<td>Practice</td>
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<td>RPE 04</td>
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<td>RPE 05</td>
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<td>RPE 06</td>
<td>Databases and Research Metrics</td>
<td>7</td>
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<tr>
<td>Total</td>
<td></td>
<td>30</td>
</tr>
</tbody>
</table>

Syllabus in detail

THEORY

- RPE 01: PHILOSOPHY AND ETHICS (3 hrs.)
  1. Introduction to philosophy: definition, nature and scope, concept, branches
  2. Ethics: definition, moral philosophy, nature of moral judgements and reactions

- RPE 02: SCIENTIFIC CONDUCT (5 hrs.)
  1. Ethics with respect to science and research
  2. Intellectual honesty and research integrity
  3. Scientific misconduct: Falsification, Fabrication, and Plagiarism (FFP)
  4. Redundant publications: duplicate and overlapping publications, salami slicing
  5. Selective reporting and misrepresentation of data

- RPE 03: PUBLICATION ETHICS (7 hrs.)
  1. Publication ethics: definition, introduction and importance
  2. Best practices / standards setting initiatives and guidelines: COPE, WAME, etc.
  3. Conflicts of interest
  4. Publication misconduct: definition, concept, problems that lead to unethical behavior and vice versa, types
  5. Violation of publication ethics, authorship and contributorship
  6. Identification of publication misconduct, complaints and appeals
  7. Predatory publishers and journals

PRACTICE

- RPE 04: OPEN ACCESS PUBLISHING (4 hrs.)
  1. Open access publications and initiatives
2. SHERPA/RoME0 online resource to check publisher copyright & self-archiving policies
3. Software tool to identify predatory publications developed by SPPU

• 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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