



(Deemed to be University U/s-3 of UGC Act 1956)

NEHRU GRAM BHARATI

(DEEMED TO BE UNIVERSITY)

Kotwa- Jamunipur-Dubawal, Prayagraj- 221505, Uttar Pradesh (INDIA)

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Ref. No.: NGB(DU)-II/AC-22/IQAC 2020-21/

Dated : 22-03-2021

Action Taken Report

IQAC IInd Meeting held on 16-12.2020 on Implementation of UGC Guidance Document "Good Academic Research Practices (GARP) Sept. 2020. (www.ugc.ac.in>ebook>GARP):

The above UGC document of Sept. 2020 was presented in above meeting participated by the IQAC members and all 75 in-house Ph.D. Supervisors. As per this document, a research work/thesis may be infected with: i. Fabrication; ii. Falsification; iii. Mis-representation; iv. Mis-conduct with subjects from whom data is collected; v. the colleague researchers in that field; vi. the targeted audience having stake in the research findings vii. Environment etc.

It was also advised in this document that researchers should keep away from predatory journals both to use their research paper and also to publish their own research findings in such journals.

2. It emerged in the discussions that to address timely the above issues, an "Annual Research Integrity Assessment Council (ARIAC)" be constituted for taking stock of all ongoing research and mould them to adopt GARP.

3. To implement the above duly approved Office Order dated 06-03-2021 was notified by the Registrar (Annexure 1). However, because of existing uncertainty by COVID-19 Pandemic, ARIAC meetings are yet to be organised.

4. However, as part of implementation of GARP, our Deemed to be University has continued the good practices of checking all the draft thesis as per PSP Check List IInd edition dated 10-10-2019 (Annexure 2) with due sanitating all the Ph.D. thesis to be free from Plagiarism using Ministry of Education supplied URKUND Plagiarism Detection System and self procured "Check-for-Plag (CFP)" package supporting all hindi/ sanskrit kruti dev fonts.

5. Also, a two credit course "Research and Publication Ethics (RPE)" (Annexure 3) is being continued for implementing GARP as part of Ph.D. Course work mandatory for all the Ph.D. Research Scholars admitted since March 2020.

(Prof. R.C. Tripathi)
Member Convener-IQAC

Enclosures:

Annexure No.1 : Copy of Office Order dated 06-03-2021 notified by the Registrar Constituting ARIAC.

Annexure No.2 : Copy of PSP Check List IInd Edn. dated 10-10-2019

Annexure No 3: Copy of Syllabus 2 Credit Course Work "Research and Publication Ethics (RPE)"



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Kotwa-Jamunipur-Dubawal, Prayagraj-221505, U.P. (India)

Ref : NGB(DU)-22/IQAC 2020-21/1

Date : 06.03.2021

Office-Order

Subject :- Implementation of UGC Guidance Document "Good Academic Research Practices (GARP)" by constituting Annual Research Integrity Assessment Committee (ARIAC) and organizing its Meetings with Respective Departmental Research Committees (DRC's) in 1st Qtr. of each Calendar Year.

Pursuant to the resolution No.5 of the meeting held on 02.02.2021 of the Academic Council NGB(DU) approving the minutes of IQAC meeting held on 16.12.2020, Annual Research Integrity Assessment Committee (ARIAC) is hereby constituted as below-

(i)	Hon'ble Vice Chancellor/Pro Vice Chancellor	Chairman
(ii)	Dean of the Faculty concerned	Member
(iii)	Dir. (IQAC)	Member
(iv)	Supervisors of the Deptt concerned.	Member
(v)	Expert No.1 member of same subject from UP	Member
(vi)	Expert No.2 member of same subject from India but of outside UP	Member
(vii)	HOD Concerned	Member Convener

The aforesaid ARIAC will meet for each department jointly with its departmental Research Committee on yearly basis preferably in 1st Qtr. of the calendar year wherein all Ph.D. scholars of the department concerned, having completed minimum two years after their course work but have not reached up to the stage of Draft Thesis for PSP, will be putting up duly filled in ARIAC Check List (Ann-1) through their Supervisor and HOD. This will be evaluated by way of personal interviews by the said committee which will advise them on the check list itself for corrective actions if any in regard to misconducts by way of (i) Fabrication of Data (ii) Falsification of Results (iii) Misrepresentation of observations, data, Results and its interpretation (iv) Misconduct by researchers with other researchers (i.e. plagiarism), data subjects or environment or audience etc. All these will be assessed based on research paper(s) published in the journals and/or papers presented in National/International conferences.

These reports will form basis for any promotion of Ph.D. scholar and for deciding probable date of organizing Pre Submission Presentation (PSP) by the Ph.D. students.


R.L. Vishwakarma
(Registrar)

Enclosure- Ann-1 (ARIAC check list)

To : All Ph.D. Supervisors by E-mail.

CC :

- 1- PA to Hon'ble VC by E-mail.
- 2- PA to Hon'ble Pro VC by E-Mail.
- 3- All the Deans and Directors.
- 4- All the HOD's.
- 5- Account Officer
- 6- All the Notice Boards.
- 7- Guard File.

ANNUAL RESEARCH INTEGRITY ASSURANCE COUNCIL'S (ARIAC's) CHECK-LIST

To be adopted for all current Ph.D. Students by Joint Meeting of DRC and "Annual Research Integrity Assessment Council (ARIAC) Brain Storming Meeting" held in 1st Quarter of each Calendar Year

Name and Department of Ph.D. Scholar: _____

Topic recommended by DRC (and duly approved by Director (IQAC) for admissions w.e.f. Academic Year 2020-21): _____

Name and Department of Ph.D. Supervisor forwarding this report along with said enclosures through his/her HOD to Dean to Dir. (Research Centre): _____

This Check List is to assure all Ph.D. Scholar's in a faculty of their Research Work from integrity angle to meet standards specified in UGC Guidance Document - "Good Academic Research Practices > GARP" notified in September, 2020 at: www.ugc.in/ebook/garp. Said document sets standards for ethics, rigour, relevance, transparency, respect, impartiality and accountability. These factors are assessed below based on Ph.D. Synopsis, term paper, research papers published/communicated to Journals and papers published in International conference proceedings by the Ph.D. Scholar who attaches them with this report duly filled in to the satisfaction of his/her supervisor to the concerned HOD. The scholar will defend it before ARIAC in its Annual Meeting of their Brain Storming Session jointly with DRC. HOD with his/her Supervisor & Dean, Conjugate Dean, Dir. (Reserach Centre), Dir. (IQAC) and two outside experts will form the ARIAC. The joint meeting of DRC and ARIC will be convened in January/February of each Calendar year by HOD in Research Centre and based on his/her recommendation Dir. (Research Centre) will invite two external experts of the same subject. Minimum two such Checklists will be compulsorily enclosed in the file of each Ph.D. Scholar every year by Calendar Year 2022 by Dir. (Research Centre) before any PSP is Organised after 31st March, 2022. This activity will start w.e.f. Jan. 2021.

(1) Problem Definition & Literature Survey:

- 1.1 Whether the research addresses the questions answer to whom will contribute new knowledge, solve challenges, correct errors in the existing literature or develop new methods tools/databases for conducting such research. [NA] / [Y] / [N]
- 1.2 Whether latest literature survey made by the scholar also supports the problem defined in the research proposed and same was really pending for rigorous and systematic investigation, analysis and evidence to support the research claims.

[NA] / [Y] / [N]

(2) Data Collection:

2.1 Whether due caution has been observed in collection of data by obtaining consent of interviewed candidates/organizations and their privacy has been duly observed as laid out in books of Laws in respect of their age, political leaning, income and expenditure resources, sexual behaviour etc. [NA] / [Y] / [N]

2.2 Whether data collected is real and not fabricated or falsified / misrepresented / misinterpreted. [NA] / [Y] / [N]

2.3 Whether data collected is real and not fabricated or falsified/ misrepresented/ misinterpreted. [NA] / [Y] / [N]

(3) Data Analysis:

3.1 Whether the researcher has practiced in a responsible way his/her duty to use the above data so as to arrive at results and draw conclusions fully traceable truthfully. [NA] / [Y] / [N]

3.2 Whether Data Analysis Tools have been correctly used. [NA] / [Y] / [N]

(4) Publication:

4.1 Whether the Ph.D. scholar has shown due respect to the concerned innovations of fellow researchers, owners of concerned intellectual properties, terms and conditions of publishers of concerned books and journals, reports of State Govt./Central Govt./Corporates/NGO's, concerned owners of websites/databases/proprietary and free open source softwares. [NA] / [Y] / [N]

4.2 Whether the research work done has not transgressed in the interest of alمامater or other HEI's like Universities, other researcher organisations funding agency if any, decision makers and public at large who may use the research findings. [NA] / [Y] / [N]

4.3 Whether the creators of base research papers and others, the concerned patents, copyrights, creative works which have been advanced in the research, have been duly identified and their contributions have been appropriately acknowledged. [NA] / [Y] / [N]

4.4 Except for established norms of ownership of the research results, whether all conflicts of interest possible with fellow researchers, research facilitators, beneficiaries etc have been avoided by proper legal agreements right at the outset of starting the work. [NA] / [Y] / [N]

(5) Results, Conclusion and overall Work done:

5.1 Whether the researcher maintains a proper and up-to-date record of (a) High Quality

Journals, (b) Predatory Journals related to his/her field of research and has provided evidence that he has never used or has been used by said predatory Journals and their Publications.

[NA] / [Y] / [N]

5.2 Whether, for sake of pre tempting any allegation about possible misconduct of data fabrication and falsification proper and progressive time wise documentation in the form of review of research journals, laboratory notes, field notes questionnaires duly filled by the respondent audiences / subjects of data collection, other data sources, their quality, storage and retrievals has been duly compiled and preserved to the satisfactory levels.

[NA] / [Y] / [N]

5.3 Whether topic of research and questions answered; or methods established; or products in the form of new devices, apparatus, equipments, machines or improvements their of innovated through the research do not transgress in the ethical values of fellow researchers or public at large.[NA] / [Y] / [N]

5.4 The whole work done so far reflects due concern to all the direct and indirect stake holders including our own University, the academia in the Country and abroad, targeted audience/customers/individual/interest groups community at local or regional or National or International levels, support creative works or database or technology for products or devices/apparatus/equipments where relevant.

[NA] / [Y] / [N]

Final Recommendation:

(1) All the efforts made so far are in tune with original Ph.D. topic and Research hypotheses spelt out in approved synopsis and all factors of Research Integrity have been duly observed to our satisfaction.

Or

(2) Maintenance of Research Integrity so far seems doubtful or is not fully transparent. Following changes are now suggested to assure the research integrity.

Dir. (Research Centre) Dir. (IQAC) (Supervisor) (HOD) (Dean) (Conjugate Dean)

(Expert 1)

(Expert 2)

PSP CHECK LIST 10 OCTOBER – 2019 (2nd ED'N)

Title of the Thesis:

Name & Deptt. of the Ph.D. Scholar:

Name & Deptt. of his/her Research Guide:

Name of the: Dean/Conjugate Dean to whom Draft Thesis was Submitted with Date.....

Date of submitting the Draft Thesis to the Dir. (RES.Centre).....
.....

Sr.No	FEATURE		
1.	The Thesis is having correct " Student Declaration" and " Supervisor's Certificate"?	<input type="checkbox"/> Y	<input type="checkbox"/> N
2.	Thesis Title is appropriate to the work done?	<input type="checkbox"/> Y	<input type="checkbox"/> N
3.	Thesis size is about 200 pages?	<input type="checkbox"/> Y	<input type="checkbox"/> N
4.	For the investigative category of research type e.g. Education, Management, Sciences (Biological and Ancillary) Commerce, Sociology, Social work, Library & Information Science, Journalism and Mass Communication, Computer Applications etc. Chapter wise the Thesis has almost 10% pages for Ch.1-Introduction, 15% for Ch. 2- Literature Survey, 25% for Ch. 3 Primary Data Collection and Tabulation, 25% for Ch.4 selection of Research Tools, their application and data analysis, 20% for Ch.5 Results, their interpretation and societal benefits of the thesis work and finally, 5% for Ch. 6 References and Bibliography? Else for other type of research work, (e.g. Languages, Performing art, Politics, Philosophy, History, Geography, Law etc) size of Ch. 3,4,5 as describing the real work done for three type of creativities (new expression/phrase formation or new data compilation/consolidation or new insight achieved), the thesis composition is tailored for these chapters accordingly?	<input type="checkbox"/> Y	<input type="checkbox"/> N
5.	The chapter-1 (introduction) gives an effective overview of the subject starting from the Master Level concerned module up to the latest researches, motivation of the student for selection of the thesis title, a brief on expected results, Societal benefits and chapterisation of the thesis?	<input type="checkbox"/> Y	<input type="checkbox"/> N

6.	Chapter-2 on literature survey is in chronological order with critical review of the researches relevant to the Thesis Title so far, Crystallization of the problem definition and articulation of the Hypotheses to be tested etc?	<input type="checkbox"/> Y	<input type="checkbox"/> N
7.	Slandered procedure and tools have been identified and described in brief for data collection, storage, analysis and interpretation of the results?	<input type="checkbox"/> NA	<input type="checkbox"/> Y <input type="checkbox"/> N
8.	In case of investigation type of researches e.g. for subjects mentioned in paper 4 all relevant primary and secondary Data tables, Analysis Tables, Results have been supplemented with appropriate, Histograms/ Cumulative Frequency Diagram/ Bar Charts/ Pie Charts/ behavioural-Phenomena graphs e.g.?	<input type="checkbox"/> NA	<input type="checkbox"/> Y <input type="checkbox"/> N
9.	All the results have been described with their full interpretation in the conclusion wherein the creativity of the Ph.D. Scholar is fully evident?	<input type="checkbox"/> NA	<input type="checkbox"/> Y <input type="checkbox"/> N
10.	In consultation with Ph.D. Supervisor having internet access to the NGB (DU) account for URKUND Plagiarism check up system or any other Plagiarism Detection System (PDS) the Thesis has been sanitised and is free from any Plagiarism?	<input type="checkbox"/> Y	<input type="checkbox"/> N
11.	Anywhere in the Thesis, if any text from any source document has been ditto copied, it is limited to 3 Sentence or a paragraph whichever is less and its body has been fully indented, italicised and its reference is published on the same page?	<input type="checkbox"/> Y	<input type="checkbox"/> N
12.	The reference of the above has been printed as a foot note on the same page giving full details of the Book/Research Paper/Conference Proceeding/Any Government or Corporate or any Agency Report/or Annual Report or the website?	<input type="checkbox"/> Y	<input type="checkbox"/> N
13.	References of any book include its Author(s), Publication Year, Title, Publisher Name with City, Chapter No. as relevant to the Thesis work?	<input type="checkbox"/> Y	<input type="checkbox"/> N
14.	Any Research Paper used in Thesis has been duly referenced with its Author (s), year, title, name of the journal, Page to Page-----of its publication?	<input type="checkbox"/> Y	<input type="checkbox"/> N
15.	Any conference proceeding used has been referenced as the name of the Author(s), year, title of the research paper name of the conference, with its number, Place page to page with last access date of its website ?	<input type="checkbox"/> Y	<input type="checkbox"/> N

Y N

16. Any report used in the Thesis has been referenced as its year, title, owner, page to page along with its soft version details if any.
Any relevant website address is given of its web link (U.R.L) along with date of last access?

Y N

17. Where relevant, for data analysis, appropriate statistical tool set has been identified and used. to analyse the data and arrive at appropriate result?

N A Y N

18. The set of hypotheses formed are all NULL-HYPOTHESES ?

N A Y N

19. For any NULL-HYPOTHESES if rejected, next level hypothesis if relevant has also been tested. For ex. If NULL-HYPOTHESES as Salary prospect are found not same for qualifications of U.G, P.G and Ph.D., next level hypotheses is to test which level salary increase prospects dominate etc----- whether for carrier advancement from U.G to P.G level or from P.G. level to Ph.D. level. This is analysed first using χ^2 test, ANOVA and then Post Hoc Anova?

N A Y N

20. The entire thesis looks to be well knit by the Ph.D. Scholar as one piece garland. No where either the flow of the ideas is disjoint nor unnecessary items seem to have been added. Thus the thesis does not suffer with defect of being a work having disjoint feature?

Y N

21. In regard to the above, expressions and contents are devoted to the audience of current Ph.D. Scholars and faculty members in allied research areas and not to the level of U.G. & P.G. level students?

Y N

22. Thesis does not have grammatical/syntactical errors?

Y N

23. Thesis does not have semantic errors. Nowhere any of sentences give a meaning which does not fit into the single thread woven series of appropriate words giving appropriate meaning?

Y N

24. The Ph.D. scholar through his/her thesis has advanced the current level of knowledge on the thesis topic or has made unique contribution and exhibited the expressive power for improved data, text arrangement / new formation of phrases or has gathered new data and its compilation/consolidation or has given a new insight on the topic chosen by a modern Ph.D. Scholar?

Y N

25.	<p>Based on the all above, following is recommended on the instant draft Ph.D. thesis.</p> <p>(a) No PSP be organised as such, a thoroughly revised draft thesis be re submitted to Dir.(IQAC)</p> <p style="text-align: center;">Or</p> <p>(b) Draft thesis be revised thoroughly to have all option as <input type="checkbox"/> N To become <input type="checkbox"/> Y or <input type="checkbox"/> N A</p> <p>and on recommendation of concerned Dean/Dir. (Research Centre), PSP me be organised?</p> <p style="text-align: center;">Or</p> <p>(c) Related revision be made in the thesis by the Ph.D. Scholar and on recommendation of concerned Supervisor, PSP may be organised.?</p> <p style="text-align: center;">Or</p> <p>(d) PSP may be organised for draft thesis as such.</p>
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Dr. R.P. Ojha
Dir. (RES.Centere)

Prof. R.C. Tripath
Dir.(IQAC), Date....

RESEARCH AND PUBLICATION ETHICS (02 Credits)**Course Structure**

- The Course Comprises of modules listed in table below. Each module has 4-5 units.

Modules	Unit Title	Teaching hours
Theory		
RPE 01	Philosophy and Ethics	4
RPE 02	Scientific Conduct	4
RPE 03	Publication Ethics	7
Practice		
RPE 04	Open Access Publishing	4
RPE 05	Publication Misconduct	4
RPE 06	Database and Research Metrics	7
	Total	30

Syllabus in detail**Theory**

- RPE 01: PHILOSOPHY AND ETHICS (3 hrs.)**
 - Introduction to philosophy; definition, nature and concept, branches
 - Ethics; definition, moral philosophy, nature of judgements and reactions.
- RPE 02: SCIENTIFIC CONDUCT (5 hrs)**
 - Ethics with respect to science and research
 - Intellectual honesty and research integrity
 - Scientific misconduct; 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 behaviour and Vice versa, types
 - Violation off publication ethics, authorship and contributor ship
 - Identification of publication misconduct, complaints and appeals
 - Predatory publishers and journals

PRACTICE

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

4. Journal finder / Journal suggestion tool viz. JANE, Elsevier Journal Finder, Springer Journal Suggester, etc.

- **RPE 05: PUBLICATION MISCONDUCT (4 hrs)**

- 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 (2hrs.)**

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

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

- 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.
