

RESPONSIBILITIES OF TEACHERS OF HIGHER EDUCATION FOR RESEARCH

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WHY SO MUCH OF EMPHASIS ON RESEARCH ?

HIGHER EDUCATION

CONTINUOUSLY GAINING NEW KNOWLEDGE

The most developed living system on earth

Human Brain

Curiosity to Know

Teachers:

Mother, Father, Family, Relatives, Fellow Human Beings, Nature

Primary School Teacher

Secondary & Higher Secondary School Teacher

Higher Education: Teachers in Colleges/Universities

Educate: Train or instruct mentally and morally

Educated = cultured, enlightened, learned

Education defined as “ the manifestation of perfection already in man” Swami Vevakanand

Teacher: ‘Moral value, goal of life, development of continuous learning’ we get from our teachers : Dr Kalam

“A good teacher prepares himself like an Examinee of High School before going to teach.”

Teachers of Higher Education

1. Learning and teaching
2. Conducting and Guiding Research.
3. Examination: question setting, evaluation, tabulation, invigilation etc.
4. Administrative Duties
5. Co-curricular activities

- For Direct Recruitment as Asso. Prof. Ph.D. shall be a compulsory requirement.
- Minimum 5 years of teaching /research experience in the rank of Asstt. Professor, excluding the period of Ph.D. research.
 - Minimum 5 publications as Books and /or research/policy papers in indexed /ISBN/ISSN
 - Contribution to edu. innovation, design of new curricula and courses, and technology- mediated teaching - learning process with evidence of having guided doctoral candidates and research students.
 - Minimum score as stipulated in the Academic Performance Indicator (API) based Performance Based Appraisal System (PBAS) developed by UGC in these Regulations.

- For Designation of Professor
- Ph.D. : compulsory requirement.
 - 10 years of teaching experience including experience of guiding research at doctoral level.
 - 10 Publications ISBN/ISSN numbered Journals
 - Contribution to educational innovation, design of new curricula and courses, and technology- mediated teaching learning process.
 - A minimum score as stipulated in the API on PBAS developed by the UGC in these Regulations .

CAS (Career Advancement Schemes)

- Performance Based Appraisal System (PBAS) on the Academic Performance Indicators (API)
- UGC observer in the Selection Committee for the post of Associate Professor/Professor under CAS

1. Publications in ISBN/ISSN Journals

For selection of Associate Prof. Reprints of 3 major publications to be submitted for assessment before the Interview.

- For Professor: 5 Major publications reprints
- API scores
 - Aptitude for teaching, research, administration
 - Ability to communicate clearly and effectively
 - Ability to plan, analyze, and discuss curriculum development, research problems and college development/administration
 - Ability to deliver Lecture, group discussion
 - Performance Based Appraisal System (PBAS)
- From One AGP to higher AGP " Screening-cum- Evaluation Committee"

Category I: Teaching, Learning and Evaluation Related Activities

Essential	Max. Score
1. Lectures taken as % of allocations	20
2. Seminars, tutorials, practical, contact hours	20
3. Lectures in excess of UGC norms	10
4. Instruction with materials and methodology	20
5. Exam. Duty (Setting/ Evaluation)	10
6. Exam: Continuous Assessment	10
7. Addl. Exam work: invigilation, Flying squad etc.	10

Desirable

- | | |
|---|----|
| 1. Innovative teaching –learning methodology | 10 |
| 2. Remedial/bridge Course | 10 |
| 3. Develop Communication skills | 10 |
| 4. Specialized teaching-learning, performing-
Visual area etc. | 10 |
| 5. Organizing popularization/training skills etc. | 10 |

**Category II : Co-Curricular,
Extension and Professional
related Activities... 75**

**Category III: Research and Academic
Contributions... 275**

**FORMAT FOR SUBMISSION OF PROPOSAL FOR
MAJOR RESEARCH PROJECT**

PART – A

1. Broad Subject
2. Area of Specialization
3. Duration
4. Principal Investigator
Name, Sex, Date of birth, Qualification,
Designation, Address
5. Co – Investigator(s): ...Do.....

6. In case of a retired teacher, please give the following information:

- (i) Date of Superannuation:
- (ii). Age at the time of Superannuation:
- (iii). Whether employed or not

7. Name of the Institution where the project will be undertaken:

- (a). Department:
- (b). University/College:

8. Whether under Section 2 (f) and 12 (B) of the UGC Act?

9. Teaching and Research Experience of Principal Investigator
 - a. Teaching experience:
 - b. Research experience:
 - c. Year of award of Doctoral degree :
Title of thesis for doctoral degree:
 - e. Publication:
 - i. Papers Published : Accepted :
Communicated :
 - ii. Books Published : Accepted :
Communicated :
 (Please enclose the list of papers and books published and/or accepted during *last five years*)

10. (i) Project Title
- (ii) Introduction
 - Origin of the research problem
 - Interdisciplinary relevance
 - Review of Research and Development in the Subject:
- International status
- National Status
- Significance of the study
- (iii) Objectives
- (iv) Methodology
- (v) Year wise Plan of work and targets to be achieve.
- (vi) Details of collaboration, if any intended

11. Financial Assistance required
Item Estimated Expenditure
 i Research Associate
 @ Rs.12,000/- p.m. (fixed)
 or
 Project Associate
 @ Rs. 8000/- p.m.
 or
 ii Project Fellow
 @ Rs. 6000/- p.m.
 ii. Hiring Services
 iii. Field Work and Travel
 iv. Chemicals and glassware
 v. Contingency (including special needs)
 vi. Honorarium to retired teacher
 @ Rs. 10,000/- p.m.

12. Whether the teacher has received support for the research project from the UGC under Major, Minor, scheme of support for research or from any agency? If so, please indicate:
- Name of the agency from which the assistance was approved
 - Sanction letter No. and date under which the assistance was approved
 - Amount approved and utilized
 - Title of the project for which assistance was approved
 - In case the project was completed, whether the work on the project has been published
 - If the candidate was working for the doctoral degree, whether the thesis was submitted and accepted by the University for the award of degree.
- (A summary of the report/thesis in about 1,000 words may please be attached with the application)
- If the project has not been completed, please state the reasons

FORMAT FOR SUBMISSION OF PROPOSAL FOR MINOR RESEARCH PROJECT

PART- A

- Broad Subject
- Area of Specialization
- Duration
- Principal Investigator
 (i) Name:(ii) Sex: M/F(iii) Date of Birth:(iv) Qualification:
 (v) Designation:(vi) Address: Office :
 Residence
- Co- Investigator(s)
 (i) Name etc.....do.....

- Name of the Institution where the project will be undertaken:
 (a) Department:
 (b) University/College:
 (Please mention the name of affiliating University in case of college)
- Whether the University/College/Institution is approved under Section 2 (f) and 12 (B) of the UGC Act?
 Yes / No

8. Teaching and Research Experience of Principal Investigator

- Teaching experience: UG _____ Years
 PG _____ Years
- Research experience:
- Whether the project has been approved by the University for the doctoral degree? If so, please indicate:
 (i) Date of registration:
 (ii) Name and designation of the supervisor approved by the University:
 (iii) Name of the University where registered:
- In case the teacher holds a doctoral degree:
 (i) Title of the thesis:
 (ii) Year of award of the degree:
 (iii) Name of the University:
- Publications:
 (i) Papers Published:
 Accepted:
 Communicated:
 (ii) Books Published:
 Accepted:
 Communicated:

(Please enclose the list of papers and books published and/or accepted during last five years)

Proposed Research Work

- (i) Project Title
- (ii) Introduction
 - Origin of the research problem
 - Interdisciplinary relevance
 - Review of Research and Development in the Subject
 - International status
 - **National status**
 - Significance of the study
 - (iii) Objectives
 - (iv) Methodology
 - (v) Year wise Plan of work and targets to be achieved.
 - (vi) Details of collaboration, if any intended

10. Financial Assistance required
Sl. no Item Estimated expenditure
- (i) Books and Journals
 - (ii) Equipment, if needed (Please specify name and approx. cost)
 - (iii) Field work and travel
 - (iv) Chemicals and glassware
 - (v) Contingency (including special needs)
- Total:

11. Whether the teacher has received support for the research project from the UGC under Major, Minor scheme of support for research or from any agency? If so, please indicate:
- (a) Name of the agency from which the assistance was approved.
 - (b) Sanction letter No. and date under which the assistance was approved.
 - (c) Amount approved and utilized.
 - (d) Title of the project for which assistance was approved.
 - (e) In case the project was completed, whether the work on the project has been published.
 - (f) If the candidate was working for the doctoral degree, whether the thesis was submitted and accepted by the University for the award of degree.
(A summary of the report/thesis in about 1,000 words may please be attached with the application)
 - (g) If the project has not been completed, please state the reasons.

12. (a) Details of the project/scheme completed or ongoing with the P.I
Name of the Agency Year Total Equipment/
Infrastructural facilities obtained
Started Completed
- (b) Institutional and Departmental facilities available for the proposed work:
Equipment:
Other infrastructural facilities:
13. Any other information, which the investigator may like to give in support of this proposal, which may be helpful in evaluating

- To certify that The University/College is approved under Section 2(f) and
- (a) 12-B of the UGC Act and is fit to receive
- grants from the UGC.
- (b) General physical facilities, such as furniture/space etc.,
- are available in the Department/College.
- (c) I/we shall abide by the rules governing the scheme
- in case assistance is provided to me/us from the
- UGC for the above project.
- (d) I/we shall complete the project within the stipulated period.
- If I/we fail to do so and if the UGC is not
- satisfied with the progress of the research project,
- the Commission may terminate the project
- immediately and ask for the refund of the amount received by me/us.
- (e) The above Research Project is not funded by any other agency

Name and signature

- (a) Principal Investigator
- (b) Co – Investigator
- (i)
- (ii)
- (c) Registrar/Principal

(Signature with seal)

RESPONSIBILITIES TOWARDS:

1.STUDENTS

Teaching
Evaluation
Guidance

2.SOCIETY

Fellow feeling
Social behaviour

- Concern for all
 - FAMILY
- Well being of all
- Financial management
 - SELF
- Enjoying and satisfying job
- Care for health and good habits

LESSON TO LEARN

To keep record in the form of a diary regarding all activities- teaching, research, seminars, exam, co-curricular activities, Salary, Arrears, Bank A/C etc. & getting it signed by the immediate Head.

THANK
YOU