

## Methodology for Calculating Academic Research Score

(This applies to APAR and PBAS Proforma)

Assessment must be based on evidence produced by the teacher such as a copy of publications, a project sanction letter, utilization and completion certificates issued by the University and acknowledgments for patent filing and approval letters, students' Ph.D. award letters, etc.)

S. No	Academic / Research Activity	Faculty of sciences / Engineering / Agriculture / Medical / Veterinary Sciences & other related disciplines	Faculty of Languages / Humanities / Arts / Social Sciences / Library / Education / Physical Education / Commerce / Management & other related disciplines
1	Research Papers in Refereed/ Peer-reviewed or UGC listed journals	08 per paper	10 per paper
2	Publications (other than research papers)		
	<b>Books authored which are published by:</b>		
	International publishers	12	12
	National Publishers	10	10
	Chapter in Edited Book	05	05
	Editor of Book by International Publisher	10	10
	Editor of Book by National Publisher	08	08
	<b>) Translation works in Indian and Foreign Languages by qualified:</b>		
	Chapter or Research paper	03	03
Book	08	08	
3	Creation of ICT mediated Teaching Learning pedagogy and content and development of new and innovative courses and curricula		
	Development of Innovative pedagogy	05	05
	Design of new curricula and courses	02 per curricula/course	02 per curricula/course
	MOOCs		
	Development of complete MOOCs in 4 quadrants (4 credit course) In case of MOOCs of lesser credits 05 marks / credit.	20	20
	MOOCs (developed in 4 quadrant) per module / lecture	05	05
	Content writer/subject matter expert for each module of MOOCs (at least one quadrant)	02	02
	Course Coordinator for MOOCs 4 credit course (In case of MOOCs of lesser credits 02 marks/credit)	08	08
	E-Content		
	Development of e-content in 4 quadrants in complete course / e-book	12	12
	e-Content (developed in 4 quadrants) per module	05	05
Contribution to development of e-content module in complete course / paper / e-book	02	02	
Editor of e-content for complete course	10	10	
4	<b>Research guidance</b>		
	Ph.D.	10 per degree awarded 05 per thesis submitted	10 per degree awarded 05 per thesis submitted
	M.Phil / PG Dissertation	02 per degree awarded	02 per degree awarded

	<b>Research Projects Completed</b>		
	More than 10 lakhs	10	10
	Less than 10 lakhs	05	05
	<b>Research Projects Ongoing</b>		
	More than 10 lakhs	05	05
	Less than 10 lakhs	02	02
	<b>d) Consultancy</b>	03	03
	<b>(a) Patents</b>		
	International	10	10
	National	07	07
	<b>b) * Policy Document (submitted to an international body / organization like UNO / UNESCO / World Bank / International Monetary Fund etc. or Central Government or State Government</b>		
	International	10	10
	National	07	07
	State	04	04
	<b>c) Awards / Fellowship</b>		
	International	07	07
	National	05	05
<b>5</b>	*Invited lectures / Resource Person / paper presentation in Seminars / Conferences / full paper in Conference Proceedings (Paper presented in Seminars / Conferences and also published as full paper in Conference Proceedings will be counted only once)		
	International (Abroad)	07	07
	International (within country)	05	05
	National	03	03
	State / University	02	02
<b>6</b>			

**The Research Score for research papers would be augmented as follows:**

Peer-Reviewed or UGC-listed journals (impact factor to be determined as per Thomson Reuters list):

- |      |   |   |           |
|------|---|---|-----------|
| i.   | Paper in refereed journals without impact factor  | - | 5 points  |
| ii.  | Paper with an impact factor less than – 10 points | - | 10 points |
| iii. | Paper with impact factor between 1 and 2          | - | 15 points |
| iv.  | Paper with impact factor between 2 and 5          | - | 20 points |
| v.   | Paper with an impact factor between 5 and 10      | - | 25 points |
| vi.  | Paper with impact factor >10                      | - | 30 points |
- a) Two authors: 70 % of the total value of publication for each other.
- b) More than two authors: 70% of the total value of publication for the First / Principal / Corresponding author and 30% of the total value of publication for each of the joint authors.
- c) Joint Projects: Principal Investigator and Co-investigator would get 50% each.

**Note:**

- Paper presented if part of edited book or proceeding then it can be claimed only once. For joint supervision of research students, the formula shall be 70% of the total score for the Supervisor and Co-supervisor. The supervisor and Co-supervisor, both shall get 7 marks each.
- For the purpose of calculating research score of the teacher, the combined research score from the categories of 5(b). Policy Document and 6. Invited lectures / Resource Person / Paper presentation shall have an upper capping of thirty percent of the total research score of the teacher concerned.

**The research score shall be from the minimum of three categories out of six categories**