

National Institute of Technical Teachers Training and Research Ministry of Education, Government of India, Taramani, Chennai 600 113 राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण एवं अनुसंधान संस्थान शिक्षा मंत्रालय, भारत सरकार, तरमणि, चेन्नई 600 113

Annexure - 1

Table-1 Calculation of Academic/ Research Score

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

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S. No.	Academic/ Research Activity	Faculty of Sciences/ Engineering Agriculture / Medical / Veterinary Sciences	Faculty of Language/ Humanities/ Arts/ Social Sciences/ Library/ Education/ Physical Education/ Commerce/ Management & other related disciplines
1	Research Papers in Peer-Reviewed or UGC listed Journals	08 per paper	10 per paper
2	Publications (other than Research papers)		
	(a) Books authored which are published by ;		
	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 faculties		
	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		
	(a) Development of Innovative pedagogy	05	
	(b) Design of new curricula and courses	02 per curricula / course	02 per curricula / course
	(c) MOOCs		
	Development of complete MOOCs in 4 quadrants (4 credit courses) (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 (atleast one quadrant)	02	02
	Course coordinator for MOOCs (4 credit course) (In case of MOOCs of lesser credits 02 marks / credit)	08	08
	(d) E-Content		
	Development of e-Content in 4 quadrants for a 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 (atleast one quadrant)	02	02
	Editor of e-content for complete course/ paper/ e-book	10	10

S. No.	Academic/ Research Activity	Faculty of Sciences/ Engineering Agriculture / Medical / Veterinary Sciences	Faculty of Language/ Humanities/ Arts/ Social Sciences/ Library/ Education/ Physical Education/ Commerce/ Management & other related disciplines
4	(a) Research guidance		
	Ph.D.	10 per degree awarded 05 per thesis submitted	10 per degree awarded 05 per thesis submitted
	M.Phil./P.G. dissertation	02 per degree awarded	02 per degree awarded
	(b) Research & Consultancy* Projects completed		
	More than 10 lakhs	10	10
	Less than 10 Lakhs (proportionately one mark per lakh)	05	05
	(c) Research & Consultancy* Projects ongoing		
	More than 10 lakhs	05	05
	Less than 10 Lakhs	02	02
5	(a) Patents		
	International	10	10
	National	07	07
	(b) * Policy Document (Submitted to an International body/ organisation like UNO/ UNESCO/ World Bank/ International Monetary Fund etc. or Central Government or State Government		
	International	10	10
	National	07	07
	State	04	04
	(c) Awards / Fellowship		
	International	07	07
	National	05	05
6	* 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

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 impact factor less than 1 - 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 impact factor between 5 and 10 - 25 Points
vi) Paper with impact factor >10 - 30 Points



- (a) Two authors: 70% of total value of publication for each author.
- (b) More than two authors: 70% of total value of publication for the First/ Principal/ Corresponding author and 30% of total value of publication for each of the joint authors.
 - 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 Supervisor and Co-supervisor. Supervisor and Co-supervisor, both shall get 7 marks each.
- For purpose of calculating research score of the teacher, the combined research score from the categories of 5(b). Policy Department 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.
- Consultancy includes industrial and academic training, testing and research earning revenue.