

JKUAT RESEARCH GUIDELINES

Criteria for Sharing Copyright Ownership of Research Output

Annex XII

1.0 Criteria

Six criteria for sharing copyright ownership are proposed, as described here below:

1.1 Intellectual contribution

This refers to the intellectual input of each member of the research team. It would normally be based on academic qualifications and seniority of the research team members. On the other hand the principal investigator could be less senior but still play the lead role because his/her expertise is more relevant to the area of the research project.

With due consideration of variations that may arise due to area of expertise and leadership role in the project, the following points are proposed:

<u>Level of Qualification</u>	<u>Points</u>
Ph.D. or equivalent	4-5
M.Sc/Mphil/MA/Postgraduate Diploma	2-3
B.Sc./BA/HND (or equivalent)	1-2

1.2 Professional experience

Professional experience shall be evaluated by considering the working experience in terms of years of employment in that particular profession. Again, variations may arise on account of relevance in expertise required for the project, in which case a person with less experience may make a greater contribution to the research.

With due consideration of variations that may arise due to area of expertise and leadership role in the project, the following points are proposed:

<u>Duration of Experience</u>	<u>Points</u>
Above 10 years	3
Between 5-10 years	2
Below 5 years	1

1.3 Technical support

Under this criterion, technical support shall be awarded points ranging from 1-4 depending on the relative contribution of the technical staff irrespective of rank.

1.4 Time input

The time input is evaluated by breaking down the duration of all project activities into person-hours and then determining the equivalent hours spent by each contributor.

1.5 Financial contribution

Financial contribution to the research project shall include investment cost, cost of materials and consumables and operational expenses. Honoraria shall be included only if shall payments shall be standardised in advance and agreed upon by the partner institutions as being specific to the project in question.

1.6 Facilities for Research and development

The cost of using any machine shall be calculated as the product of time spent on the machine and the charge rate. The rates shall be agreed upon in advance. The time spent on each machine shall be computed at the end of the respective project, by mutual agreement of team members.

2.0 Computation of Shares

2.1 Criteria weightings

2.1.1 Fundamental research and product development projects shall carry different weighting factors for each of the six criteria. However, for each category the weighting should add up to 1.0

2.1.2 Fundamental research and development is that which starts from basic principles to develop a concept into a product.

2.1.3 Product development or innovation is work input to an existing concept or product to produce a useable or better product

2.1.4 The proposed weighting factors for both fundamental research and product development work are summarised in the Table 011-1.

Table 011-1: Weightings for calculating shares of copyright ownership

Criteria		RANKING (1 - 6)		WEIGHTING (0.00 – 1.00)	
		Fundamenta l	Developmen t	Fundamenta l	Developmen t
1	Intellectual contribution	6	3	0.29	0.14
2	Professional experience	4	6	0.19	0.28
3	Technical support	2	4	0.10	0.19
4	Time input	1	2	0.05	0.10
5	Financial contribution	3	5	0.14	0.24
6	Facilities for research	5	1	0.24	0.05
	TOTAL	21	21	1.0	1.0

2.2 Computation of share percentage

The format to be used for computation of the percentage share ownership for all co-sponsored projects is shown in Table 011-2.

Table 011-2: Copyright share evaluation for co-sponsored research projects

	CRITERIA	POINTS		% SHARE		WEIGHTING		GPA	
		JKUAT	Partner	JKUAT	Partner	FUND	DEV	JKUAT	Partner
1	Intellectual contribution								
2	Professional experience								
3	Technical support								
4	Time of involvement								
5	Financial contribution								
6	Facilities for research								
TOTAL									
TOTAL GPA									
% SHARE OWNERSHIP									