

# Accelerating Higher Education Expansion and Development Operation (AHEAD)



January 2018



**MINISTRY OF HIGHER EDUCATION  
AND HIGHWAYS**



**WORLD BANK GROUP**



**UNIVERSITY GRANTS COMMISSION**

# Classification of STEM & HEMS

UNIVERSITY	STEM (FACULTY, INSTITUTE)	HEMS (FACULTY, INSTITUTE, CAMPUS)
University of Colombo	Medicine, Science, Institute of Indigenous Medicine, University of Colombo School of Computing	Arts, Education, Law, Management & Finance, Sri Palee, Graduate Studies
University of Peradeniya	Agriculture, Dental Sciences, Engineering, Medicine, Science, Veterinary Medicine & Animal Science, Allied Health Science, PGIS, PGIA	Arts, Management
University of Sri Jayewardenepura	Applied Sciences, Medical Science, Technology, Engineering,	Humanities & Social Science, Management Studies & Commerce, Graduate Studies
University of Kelaniya	Medicine, Science, Computing & Technology, Gampaha Wickramarachchi Ayurvedic Institute	Commerce & Management Studies, Humanities, Social Science, Graduate Studies
University of Moratuwa	Architecture, Engineering, Information Technology	
University of Jaffna	Agriculture, Medicine, Engineering, Science, Vauniya Campus (Applied Science), Sidda Medicine Unit	Arts, Management Studies & Commerce, Graduate Studies, Vauniya Campus (Business Studies)
University of Ruhuna	Agriculture, Engineering, Medicine, Science, Fisheries and Marine Science, Technology	Humanities and Social Sciences, Management & Finance, Graduate Studies
Eastern University Sri Lanka	Agriculture, Health Care Sciences, Science, Trincomalee Campus (Applied Sciences, Sidda Unit)	Arts & Culture, Commerce & Management, Trincomalee Campus (Communication & Business Studies) Swami Vipulananda Institute of Aesthetic Studies,
South Eastern University of Sri Lanka	Applied Sciences, Engineering	Arts & Culture, Management & Commerce, Islamic Studies & Arabic Language
Rajarata University of Sri Lanka	Agriculture, Applied Sciences, Medicine & Allied Sciences	Management Studies, Social Sciences & Humanities
Sabaragamuwa University of Sri Lanka	Agricultural Sciences, Applied Sciences, Geomatics	Management Studies, Social Sciences & Languages
Wayamba University of Sri Lanka	Agriculture & Plantation Management, Applied Sciences, Livestock Fisheries & Nutrition	Business Studies & Finance
Uva Wellasa University of Sri Lanka	Animal Science & Export Agriculture, Science & Technology	Management
University of Visual and Performing Arts		Dance & Drama, Music, Visual Arts
Open University of Sri Lanka	Engineering & Technology, Health Sciences, Natural Sciences	Education, Humanities & Social Sciences

# Area of Research Specialization

Grant Type	Broad Research/ Study Area	Discipline (Indicative)	Sub-discipline (specialization) e.g. Molecular biology, Social anthropology, Pediatrics, behavioral sociology, industrial economics Civil engineering, Human resource management, Latex technology, Particle physics, Organic chemistry,
<b>STEM</b>	Sciences Technology Engineering Medicine	Biology, Chemistry, Physics, Mathematics Statistics, Computer science, Medical and health sciences, Dental Surgery, Veterinary Science, Agriculture, Food sciences, Marine sciences, Environmental sciences, Animal sciences Engineering, Technology areas, Surveying, Town & country planning, Architecture	
<b>HEMS</b>	Humanities Education Management Social Sciences Law	Anthropology, Economics Sociology, Political science, Geography History, Philosophy Psychology, Demography Education subjects, Communication studies and media, Peace and conflict resolution, Language and literature, Cultural studies, Music, dance, arts and design, Management studies, Commerce, Hospitality and tourism, Religious studies, Visual & Technological Arts/Visual Arts	

# Title page

- Title of the research project:
- Area of specialization of the research study (Annex 4)
- University/Institute
- Grant type: DOR 1 STEM/DOR 1 HEMS/  
DOR STEM-HEMS
- Name/s of reviewers who should NOT review the proposal can be incorporated in the cover letter

# Information on the research team for evaluators

- Name:
- ID number:
- Present position/designation:
- Highest academic qualification:
- Field of specialization:
- Official address:
- Mobile Phone:
- Email address:

# Literature survey

- Give a summary of the literature survey in the relevant research area based on the literature and cite the references.
- Patent landscape search

# Proposal format continued

- Research problem/s & Justification
- Methodology
- Time sequence of project actions
- Economic and/or social and/or cultural relevance
- Budget justification
- Institutional commitment

# The scoring system: a worked example

Section	Weight (A)	Score (B)	Actual mark (A x B/5)
Research team	10	3	6
Literature survey	15	4	12
Research problem/s& Justification	15	3	6
Methodology	25	4	20
Time sequence of project actions	15	3	9
Economic,social and educational relevance	10	3	6
Budget justification	10	3	6
Total score	100		65



# Next step in the selection process: discussion stage

(a). The minimum score received for each criterion should be 3 (at least 60% of the points allotted for each criterion) **AND**

(b). The total score should be at least 65 out of 100

*The decision for the discussion stage will however depend on the number of available grants for the DORs.*

# Discussion stage

- The overall final score for the proposal would be the average of the total scores of the desk evaluation and discussion stages.
- Final Score = (Desk evaluation actual mark + Discussion stage actual mark)/2
- **The final score must be a minimum 70 out of 100 to receive a grant under DOR**

# Table A. Proposed Budget

Action	Sub-action	Estimated Cost (LKR)					TOTAL
		GOODS	WORKS	CONSULTANCY SERVICES	NON-CONSULTANCY SERVICES	OTHER VALUE ADDED ACTIVITIES (OVAA)	
1. ....	1.1						
	1.2						
	1.3						
	Sub total for action 1						
2. ....	2. 1						
	2.2.						
	2.3						
	Sub total for action 2						
3. ....	3.1						
	3.2.						
	Sub total for action 3						
4.....	4.1						
	4.2						
	4.3						
	Sub total for action 4						
5.....	5.1						
	5.2						
	Sub total for action 5						
<b>Total</b>							

# Table B. Overall Action Plan

Action	Sub-Action	Year 1				Year 2				Year 3			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1. ....	1.1. ....												
	1.2. ....												
	1.3. ....												
2.....	2.1. ....												
	2.2. ....												
	2.3												
3. ....	3.1. ....												
	3.2. ....												
4.....	4.1.....												
	4.2.....												
	4.3.....												
5.....	5.1.....												
	5.2.....												





# DOR: Key Performance Indicators

No.	Key Performance Indicators	Baseline	Year 1	Year 2	Year 3	Final	Evidence*
1	Number of working papers	0					
2	Number of communications (abstract)	0					
3	Number of papers presented at national conferences/symposia	0					
4	Number of papers presented at international conferences/symposia	0					
5	Number of research publications in peer reviewed national journals	0					
6	Number of research publications in peer reviewed internationally indexed journals	0					
7	Number of research publications as books or monographs published by reputed national publishers	0					
8	Number of research publications as books or monographs published by reputed international publishers	0					

Baseline, end of year 1-3 are not cumulative. The final KPI is cumulative

\* Evidence need not be filled at the proposal writing stage

**THANK YOU**