

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 Wellassa 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	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,
STEM	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	
HEMS	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: RIC 1 STEM/ RIC 1 HEMS/
RIC STEM-HEMS
- Name/s of reviewers who should NOT review the proposal can be incorporated in the cover letter

Information on the innovation team for evaluators

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

The team must have a representative from a firm/industry/entrepreneur/public sector/NGO

Literature survey

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

Proposal format continued

- The potential commercializable research product/process/idea for HEMS
- Objective/s
- Methodology
- Time sequence of project actions
- Economic/market and social 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	10	4	8
The potential commercializable research product/process/idea for HEMS	15	3	9
Objective/s	10	4	8
Methodology	15	4	12
Time sequence of project actions	10	3	6
Economic/market and social relevance	20	3	12
Budget justification	10	3	6
Total score	100		67

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 RICs.

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 of 70 out of 100 to receive a grant under RIC**

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						
Total							

RIC/ICE: Key Performance Indicators

No.	Indicator	Baseline	Year 1	Year 2	Year 3	Final	Evidence*
1	Number of national patents	0					
2	Number of international patents	0					
3	Number of industrial designs	0					
4	Number of national copyrights (e.g. software)	0					
5	Number of international copyrights (e.g. software)	0					
6	Number of national trademarks	0					
7	Number of international trademarks	0					
8	Number of Patent Cooperation Treaties (PCTs)	0					
9	Number of license agreements	0					
10	Number of assignments of IP	0					
11	Number of commercialized products	0					
12	Number of industry-university linkages (MOU or agreements) for research commercialization	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