

Application for Innovative Pilot Research Grant

| Check List | | |
|------------|--|--|
| I | Completed application form | |
| II | Short CVs of all investigators including employment record and research record | |
| III | Full papers in peer reviewed journals during last 10 years for each investigator | |
| IV | Patents, inventions, products etc. developed during last 10 years for each investigator | |
| V | Research grant record of the Principal Investigator | |
| VI | A consent letter from the person who is covering responsibilities of the project during leave or retirement of the principal investigator. | |
| VII | Letter(s) of consent from collaborator(s) | |

SECTION A

| | |
|---|---|
| 01. | Title of the Project/ Invention <i>The title of the project should be brief, reflect concisely and accurately the proposed research work. Distant or potential application of the proposed work in the title is discouraged.</i> |
| 02. | Project duration <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 20px; display: flex; align-items: center; justify-content: center;"> <input type="checkbox"/> </div> 12 Months <div style="border: 1px solid black; width: 40px; height: 20px; display: flex; align-items: center; justify-content: center;"> <input type="checkbox"/> </div> 18 Months <div style="border: 1px solid black; width: 40px; height: 20px; display: flex; align-items: center; justify-content: center;"> <input type="checkbox"/> </div> 24 Months </div> |
| 03. | Briefly describe how your outputs of the proposed project help university ranking <i>(Please refer Webometrics, Scimago, QS, Times Higher Education etc. ranking methods)</i> |
| 04. | Investigators <i>Annex CV and list of local and international publications of each investigator during the last 10 years.</i> |
| Principal Investigator (PI) <i>Principal Investigator should have a postgraduate research degree (PhD, DM, MPhil, MD, MS) and publications/patents in the relevant area. Applicants with MSc qualifications should have minimum of one- year research component in the course and publications in the relevant area</i> | |
| Name and Designation : Faculty : Department/Unit : Area of expertise related to the proposed project : | Mailing address : Telephone Office : Mobile : Fax : Email : |

| | | | | | |
|--|--|-----|--|----|--|
| Are you planning study leave, sabbatical leave, etc. for more than two weeks or is your retirement due during the project period? | | Yes | | No | |
| If the answer is yes, give details and propose a person to cover up the responsibilities of the project (Proposed person should be a permanent academic and if a researcher registers for a higher degree, the proposed person should have higher or similar postgraduate qualification to the proposed higher degree of the project.) (Attach a short letter of consent from the person who is covering duties) | | | | | |
| Co-Investigator/s <i>Co-Investigators should have postgraduate qualifications and research experience supported with publications/patents. Any other member of the research group who does not meet these criteria and expatriates/foreign scientists could be listed only as Collaborators. Those who wish to read for postgraduate degrees under the proposed project are not eligible to be Co-Investigators. At least there should be investigators from two faculties of University of Kelaniya</i> | | | | | |
| Co- Investigator - 1 | | | | | |
| Name and Designation : Faculty : Department/Unit : Area of expertise related to the proposed project : | | | Mailing address : Telephone Office : Mobile : Fax : Email : | | |
| Co- Investigator - 2 | | | | | |
| Name and Designation : Faculty : Department/Unit : Area of expertise related to the proposed project : | | | Mailing address : Telephone Office : Mobile : Fax : Email : | | |
| Co- Investigator - 3 | | | | | |
| Name and Designation : Faculty : Department/Unit : Area of expertise related to the proposed project : | | | Mailing address : Telephone Office : Mobile : Fax : Email : | | |

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| Collaborator/s <i>Letters of Consent should be provided</i> | |
| Collaborator - 1 | |
| Name and Designation : Faculty : Department/Unit : Area of expertise related to the proposed project : | Mailing address : Telephone Office : Mobile : Fax : Email : |
| Collaborator - 2 | |
| Name and Designation : Faculty : Department/Unit : Area of expertise related to the proposed project : | Mailing address : Telephone Office : Mobile : Fax : Email : |
| 05. Faculty/s where research is carried out | |
| Main Faculty | |
| Other Faculties | |
| | |
| SECTION B | |
| <i>* Names and affiliations <u>should not be mentioned</u> in section B.</i> | |
| Title of the Project : | |
| Duration : | |
| 1. | Summary |
| (a) Briefly explain the research problem/research gap/new technology/improvement to new technology, research approach and expected outputs. <i>Not exceeding one A4 page, font type Times New Roman, size 11, single space.</i> | |

(b) Give 3 – 5 keywords for the proposed project :

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| 2. | Comprehensive literature review with a list of references (should be both early and recent literature. References should be cited in the text with numbers or First name et al., Year) |
| <div>Review</div> <div>List of references</div> | |
| 3. | Originality or innovativeness of the proposed work |
| | |
| 4. | Aims and objectives of the proposed work |
| 4.1 | Overall Aim |
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| 4.2 | Specific Objective/s |
| | |
| 5. | Methodology |
| 5.1 | Describe the Methodology (Include references where necessary. If the methods are based on reported methods, briefly explain, and give references) <i>(Attach additional sheets if necessary)</i> |
| | |
| 5.2 | Experimental design <i>(Please complete relevant sections)</i> |
| 5.2.1 Data/sample collection <i>(if relevant)</i> | |
| 5.2.2 Describe the study group and controls <i>(if relevant)</i> | |
| 5.2.3 Study site/sample collection site(s) <i>(if relevant)</i> | |
| 5.2.4 Describe the study group and controls <i>(if relevant)</i> | |

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| 5.3 | Describe the method of data analysis : Statistical methods, software etc. (if relevant) |
| | |
| 6. | Feasibility |
| 6.1 | Principal Investigator (Names and publications should not be included) (<i>word limit -100 words</i>) Describe knowledge and research experience in the area related to the project: Describe the contribution* to the project: |
| | |
| 6.2 | Co-Investigator (Names and publications should not be included) (<i>word limit -100 words</i>) |
| 6.2.1 Co-Investigator – 1 : Describe knowledge and research experience in the area related to the project: Describe the contribution* to the project: | |
| 6.2.2 Co-Investigator – 2 : Describe knowledge and research experience in the area related to the project: Describe the contribution* to the project: | |
| 6.2.3 Co-Investigator – 3 : Describe knowledge and research experience in the area related to the project: Describe the contribution* to the project: | |
| *Describe the exact role of the investigator in the project (research design, implementation, investigation, supervision, data analysis, writing the manuscripts, commercialization etc.) | |

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|---|--|--------------------|---------------------|---------------------|
| 7. | Work Plan | | | |
| Please attach the quarterly Gantt Chart to cover the proposed study. | | | | |
| 8. | Output Plan | | | |
| | 1-6 months | 7-12 months | 13-18 months | 19-24 months |
| Patent application | | | | |
| Invention | | | | |
| Product | | | | |
| License | | | | |
| Other – Commercializable outputs | | | | |
| 9. | Ethical consideration | | | |
| | <i>(Grants will be evaluated without ethical clearance. However, the grants will be released only after obtaining ethical clearance)</i> | | | |
| Is ethical clearance relevant to the project? | | | Yes | No |
| *Have you obtained ethical clearance? | | | Yes | No |
| *If answer is 'No' to above, describe your plans for getting ethical clearance : | | | | |
| Have you applied/planning to apply for funding from any other source for the proposed research? | | | Yes | No |
| If yes, give details : | | | | |
| Is the proposed project currently being funded by any other source? | | | Yes | No |
| If yes, give details : | | | | |

| 10. | Budget | | | | |
|--|---------------------------|---------------|---------------|---------------|--------------|
| | | Year 1 | Year 2 | Year 3 | Total |
| 1) Personnel | Research Assistant | | | | |
| | Laborer/Other | | | | |
| 2) Equipment | | | | | |
| 3) Consumables | | | | | |
| 4) Sample analysis if outsourced | | | | | |
| 5) Travel and subsistence* | | | | | |
| 6) Patent charges/license charges | | | | | |
| 7) Miscellaneous | | | | | |
| Grand Total | | | | | |

*Accommodation, though discouraged may be considered up to 1/4th of the total grant with a strong justification.

**** (Foreign Travel Grants & Publication Charges cannot be claimed under this grant.)**

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| 11. | Budget Justification |
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11.1 Laboratory or any other Equipment/ tools/software etc.

| Type/model/supplier | Quantity | Estimated cost | Justification for purchase |
|----------------------------|-----------------|-----------------------|-----------------------------------|
| | | | |
| Total Cost | | | |

11.2 Consumables

Attach the list and give a complete description of type (e.g. Chemicals, glassware, etc.), quantity (justify the quantity and type) and estimated cost. Avoid over- estimation and include only the necessary consumables for this project.

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11.3 Sample analysis (if outsourced)

Institution/department, type of analysis, no. of samples, estimated cost

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11.4 Travel and Subsistence

As far as possible the Investigator should combine field work under the project with his/her work in the Institution. What should be requested for is additional travelling that cannot be carried out in the course of the Investigator's other duties.

Give a detailed breakdown for each year with justifications of the cost figures given in summary budget. Indicate no. of field visits, places to be visited and any other relevant details. Refer rates of payment.

| Year 1 | | | |
|----------------------|---------------|---------------|--------------------------|
| Places to be visited | Distance (Km) | No. of visits | Total cost for transport |
| | | | |
| | | | |
| | | | |
| Year 2 | | | |
| Places to be visited | Distance (Km) | No. of visits | Total cost for transport |
| | | | |
| | | | |
| | | | |
| Year 3 | | | |
| Places to be visited | Distance (Km) | No. of visits | Total cost for transport |
| | | | |
| | | | |
| | | | |

11.5 Miscellaneous

Give complete breakdown with estimated cost.

| Items | Year 1 | Year 2 | Year 3 | Total |
|-------|--------|--------|--------|-------|
| | | | | |
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12. Signatures of Investigators

We, signatories confirm that the budget of the grant does not include any duplicate funding and we devote sufficient time to carry out the project

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|---------------------------------------|------------------------------------|
| (a) (Principal Investigator) | (b) (Co-Investigator - 1) |
| (c) (Co-Investigator - 2) | (d) (Co-Investigator - 3) |

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|--|------------------------|
| 13. | Recommendations |
| Faculty - 01 | |
| <p>I recommend and forward the application.</p> <p>Director of the Research Centre of</p> <p>.....</p> <p>Signature Date</p> | |
| <p>I recommend and forward the application.</p> <p>Head of the Department of</p> <p>.....</p> <p>Signature Date</p> | |
| <p>I recommend and forward the application.</p> <p>Head of the Department of</p> <p>.....</p> <p>Signature Date</p> | |
| <p>I recommend and forward the application.</p> <p>Dean of the Faculty of</p> <p>.....</p> <p>Signature Date</p> | |

Faculty - 02

I recommend and forward the application.

Director of the Research Centre of

.....
Signature

.....
Date

I recommend and forward the application.

Head of the Department of

.....
Signature

.....
Date

I recommend and forward the application.

Head of the Department of

.....
Signature

.....
Date

I recommend and forward the application.

Dean of the Faculty of

.....
Signature

.....
Date

I recommend and forward the application.

The Chairman of the Research Council

.....
Signature

.....
Date

Annex 1 – Research Grant Record of Principal Investigator

| Research Grants Record (ongoing and completed) of the Principal Investigator during the last 05 years (2016 - 2020) (University of Kelaniya and other funding sources) | | | | | | |
|--|-------------------------------------|----------------------|----------------------|---------------------|--|---|
| Grant No | Duration of the Grant (Dates) | Title of the Project | Source of support | Total allocation | Status [Ongoing/ Completed/ Terminated/ Cancelled] | Postgraduate degrees/ No. of Publication/ No. of Communications |
| | | | | | | |