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Erasmus + Visit

**Research
Opportunities &
International
Publications**

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11 Feb. 2020

ERASMUS + Visit

Presentation layout

- Opportunities for future research and collaboration between Egypt and UK.
- Produce research papers of high quality that is publishable in international journals.

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Research opportunities & International publications

Opportunities for future research and collaboration between Egypt and UK

- Newton-Mosharafa fund:
<https://www.britishcouncil.org/en/programmes/education/newton-mosharafa-fund>
- Horizon 2020:
<https://ec.europa.eu/programmes/horizon2020/>
- Erasmus +

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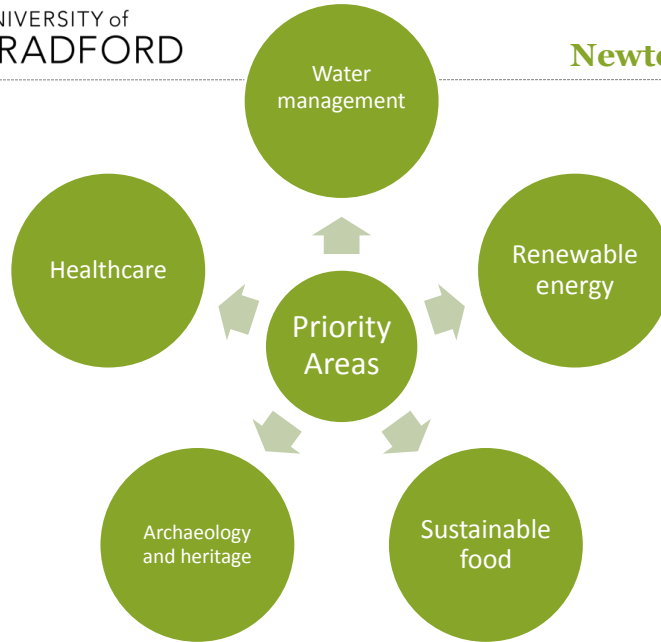
Newton-Mosharafa fund

- Build the skills and knowledge of British and Egyptian scientists through training and researcher mobility schemes;
- Support British and Egyptian researchers to develop new innovations and partnerships;
- Facilitate collaboration between universities and industry to ensure that new research can benefit all in society.

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Horizon 2020

- Various calls in Horizon 2020.
- Top-down and bottom-up research projects.
- Marie Skłodowska-Curie Fellowships (for researchers with PhD degree or equivalent).
- Innovative Training Networks (for young researchers without PhD degree).
- ERASMUS +

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Erasmus + Programme

- Key Action 107:
- Students and staff exchange/mobility programme funded by EU (Horizon 2020).
- This programme is available from Oct. 2019–2022.

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Who can participate? For how long?

- Students (UG/PG, Research)
= 4 students for study placement (5 months) + 1 student for work placement (5 months)
- Academics staff = 2 (5 days) for teaching + 2 (5 days) for training

*Study
Training*

*Teaching
Training*

International Quality Papers

Main elements of a good paper

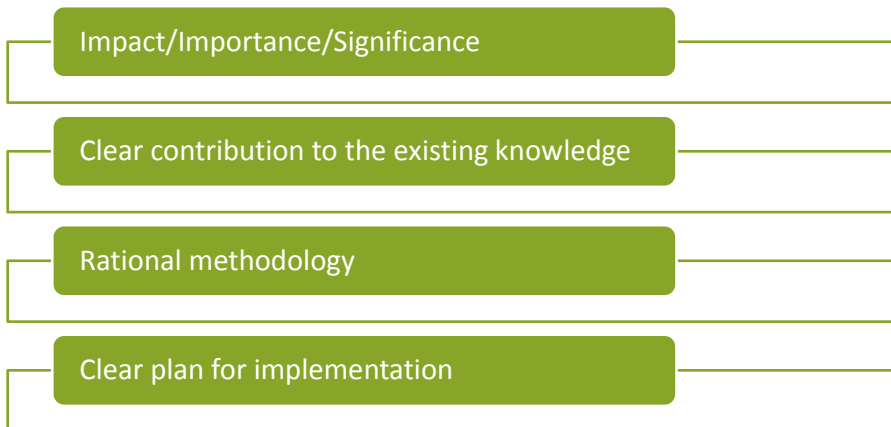


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Good research project

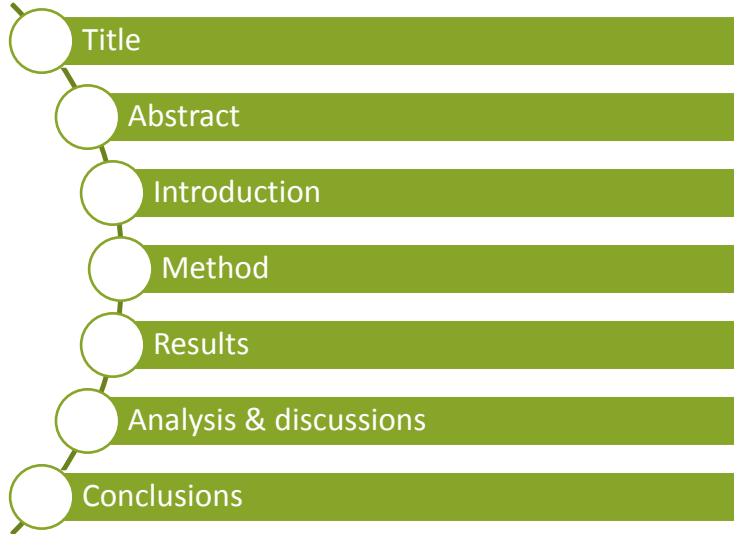


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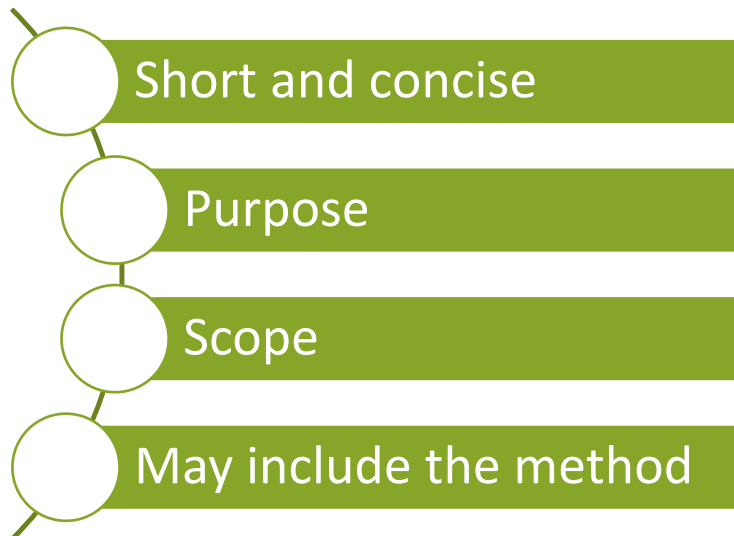
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Research opportunities & International publications

Generic layout for scientific papers



Title



- Short and concise
- Emphasis the importance/impact of your paper/investigation
- Provide the research problem and/or main objectives of the study

- Indicate the methodology used
- Present the main findings and conclusions
- No discussion, no reference

Introduction

- Introduce the study by giving background
- Present the research problem
- Present the recent literature review
- Why the study is being done (significance/importance)

Literature Review

- Critically review the literature
- Provide a critical look at the existing research that is related to your study
- Show relationship between different studies
- Show how it relates to your work

Literature Review

- Compare/contrast different views from previous research
- Criticise previous research but with justification
- Make sure you refer to key papers that are frequently cited in the literature
- Well structured and easy to read
- What contribution can your study be expected to make?

Common problems with Introduction

- Every paragraph of your review begins with the names of researchers; i.e. mainly reporting the literature
- There is no logical link between each paragraph
- Poor organization/structure
- Reproducing or reporting it!

Research methodology

- What you did to meet the aims and objectives of your study?
- Why your research method was a sensible approach?
- Compare your research method to other used earlier in the literature.
- It is strongly recommended to follow two different methodologies to solve the research question.

Results, Analysis and Discussion

- Present your results in the most efficient way: tables, diagrams, figures, etc.
- Make sure that figures, diagrams and photos are sharp and clear (presentation issue).
- Give logical analysis and discussion.
- Compare your results with others from the literature to build confidence.
- Identify the limitations of your results.

Conclusions

- Give a brief summary of your investigation
- Give sensible conclusions as achieved in your paper.
- Do not exaggerate
- Do not state any new conclusions, not clearly presented in your paper
- You may need to give recommendations for further research

Good paper

- Clear rationale, contents and purpose.
- Places the research at a high quality compared with literature in the field.
- Strongly demonstrates originality/novelty.
- Clearly explain the significance and importance.
- Well articulated methodology.
- Deep interpretation/discussion/analysis of the results.
- Comparisons with other published research.
- Strong, well justified conclusions.