Plan Overview

A Data Management Plan created using DMPonline

Title: Factors affecting the academic entrepreneurship in Bangladesh

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Project abstract:

The focus of this doctoral research is to understand the factors that shape academics' intention to engage in academic entrepreneurship in Bangladesh. These factors help to increase the academics engagement in entrepreneurial activities. This entrepreneurial engagement can bring novelty in academics' role of teaching and research (Cunningham et al., 2018). Bangladesh has been selected as the context due to the increased number of universities and students in higher education in the last decade. Recently the University of Dhaka and Bangladesh University of Engineering and Technology have signed an agreement with University Grants Commission to establish technology transfer offices to prevent university level invention and innovation (TheIndependentbd.com, 2016). This indicates the incorporation of entrepreneurial mission in Bangladeshi universities with an extended focus on education, entrepreneurship, and innovation (Bangladesh University Grants Commission, 2018). This orientation towards entrepreneurship not only contributes to the economic development of the country but integrating into the global economy also through its robust growth (The World Bank, 2019). Moreover, this study recognizes the need to understand the formal and informal forms of academic entrepreneurship in the Bangladesh context.

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Copyright information:

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Factors affecting the academic entrepreneurship in Bangladesh

Data collection

What data will be produced?

Qualitative data will be collected through interviews. These interviews generate field notes and recordings. Based on these the interview will be transcribed and saved into word files. Before transcription, these interviews might be translated into English where necessary. in addition to interview this study also use the archival documents and these will be stored in pdf or word format.

These will be stored in different folders with a different title for each section, for example, recordings, translation, and transcription. The naming format for each participant is D:\Data\recordings/transcription/translation\YYYY-MM-DD-<Institution number> <participant number>. The sequence for archival documents is D:\Data\archivaldocuments\<Institution number>

These transcribed documents and archival documents then transferred to NVivo for storing and analyzing. NVivo files will be stored in a different folder naming analysis. Here the sequence for files will be D:\Data\analysis\YYYY-MM-DD

It is anticipated that there will be 5 folders altogether. All these electronic data will be saved in a folder on the University's Q drive (Research Store) as back up.

Ethical and copyright issues

How will you deal with any ethical and copyright issues?

A detailed ethics approval application will be lodged through the Converis System. For this study written consent will be gained to use the data from the participants and these consent forms will be kept separately from the interview data. These forms will be anonymized using a coding system, for example, <institution number><participant number> during the research process.

The copyright of the data rests at Sheffield Hallam University. The copyright in the thesis submitted for examination remains with the candidate, but all other Intellectual Property rights lie with the University.

Data documentation

How will your data be documented and described?

One word file will be created to describe the details of the data collection process and to understand the context, for example, the time elapsed, location, number of participants, date of data collection.

This word file (metadata) will be stored in each folder to give the information about that folder.

Data storage

How will your data be structured, stored and backed up?

All the data will be stored on the University's Research Store (aka Q:\Research drive), where data are automatically backed-up. Along with this, the data will be stored and securely kept in two different locations. At the end of the Ph.D. project, all the data will be archived in the university knowledge repository called ‘SHURDA’ and also deleted from the research store.

File naming conventions are explained in the data creation stage. Along with these, if there is amendment then the version number will be used.

Data preservation

What are the plans for the long-term preservation of data supporting your research?

All data generated by this research — both on paper and in electronic form, and both by staff and postgraduate students — should be kept in the university's knowledge repository "SHURDA" for a period of 10 years from (1) the moment your data have been made available (eg the end of an embargo period) or (2) the last date on which access to the data was requested by a third party. Moreover, all datasets that are produced by SHU researchers and research students, and that are retained after the end of the research project, either at the institution or elsewhere, need to be registered in SHURDA.

Data sharing

What are your plans for data sharing after submission of your thesis?

All anonymized electronic data can be shared where necessary with an embargo period of two years will be requested. Any publications from this project will state that the data is available in SHURDA and can be accessed.