


**TOWARDS INCREASING THE THROUGHPUT RATE OF POST- GRADUATE
STUDENTS: A POLY- DIMENSIONAL RISK MANAGEMENT PROCESS FOR
HIGHER EDUCATION INSTITUTIONS**

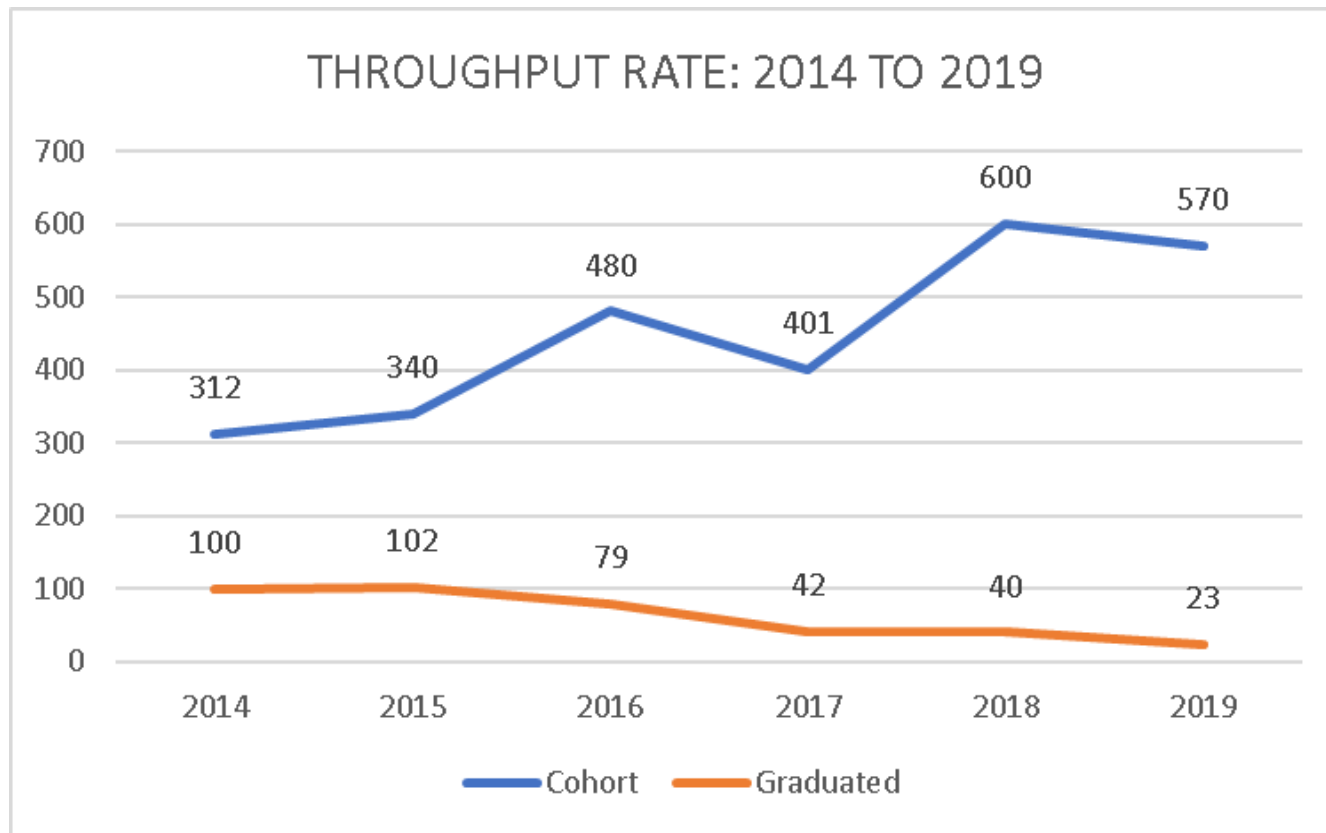
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BACKGROUND

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- Globally there is a need for an increasing post-graduate student output to enhance the current body of knowledge and for the world of work.
 - The world is experiencing decreasing throughput rates of these students.
 - Institutions are attempting to mitigate the risk of decreasing throughput rates and increasing dropout rates of post-graduate students.
 - Various researchers have highlighted the fact that the current one-dimensional risk management processes are insufficient to mitigate this specific risk.
 - The main reason cited is that the current risk management processes are reactive instead of proactive.

EXAMPLE: FOREIGN PUBLIC UNIVERSITY – MASTER’S STUDENTS



ONE DIMENSIONAL RISK MANAGEMENT PROCESS

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PROBLEM STATEMENT


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Throughput rates of postgraduate students are declining.

RESEARCH PURPOSE

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To propose a poly-dimensional risk management process to mitigate the risk of decreasing throughput rates and increasing dropout rates.

MOTIVATION FOR THE STUDY

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To improve the current one-dimensional risk management process by incorporating the components of Artificial Intelligence.

ARTIFICIAL INTELLIGENCE


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- Human intelligence performed by a machine.
- AI provides the ability to process large amounts of data to the automation of certain repetitive and burdensome steps.
- Allow lecturers to respond faster to new and emerging risks.
- By acting in real time and with some predictive capabilities, teaching and learning could reach new levels.
- For example: Identifying/predicting problem areas and instituting corrective measures.

• **RESEARCH DESIGN, APPROACH, AND METHOD**

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- A critical review approach will be followed of the current risk management processes in use from available literature.
 - Presenting the new proposed poly-dimensional risk management process to a convenience sample of five risk management specialists for critical review.

CONTRIBUTION

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A poly-dimensional risk management process to assist in mitigating the risk of decreasing throughput rates and increasing dropout rates of post-graduate students.