



Patent landscape report on 3d Printable Concrete

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Domain/topic

- Name of the domain/topic: 3D Printable Concrete
- IPC: C04B
- Query used as such: ((3d and printable and concrete) or (3d and (printable or concrete))) or ((3d and concrete) or printable))

India Vs rest in patent filing in last 20 years



Document Type

- Granted Patent
- Patent Application
- Search report

Cited By Patent Count

- 0
- 5
- 10
- 15

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Hewlett Pac...

11



Carboncure ...

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Zueblin Ag

4



Italcementi ...

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Heidelbergc...

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Makerbot In...

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Palo Alto Re...

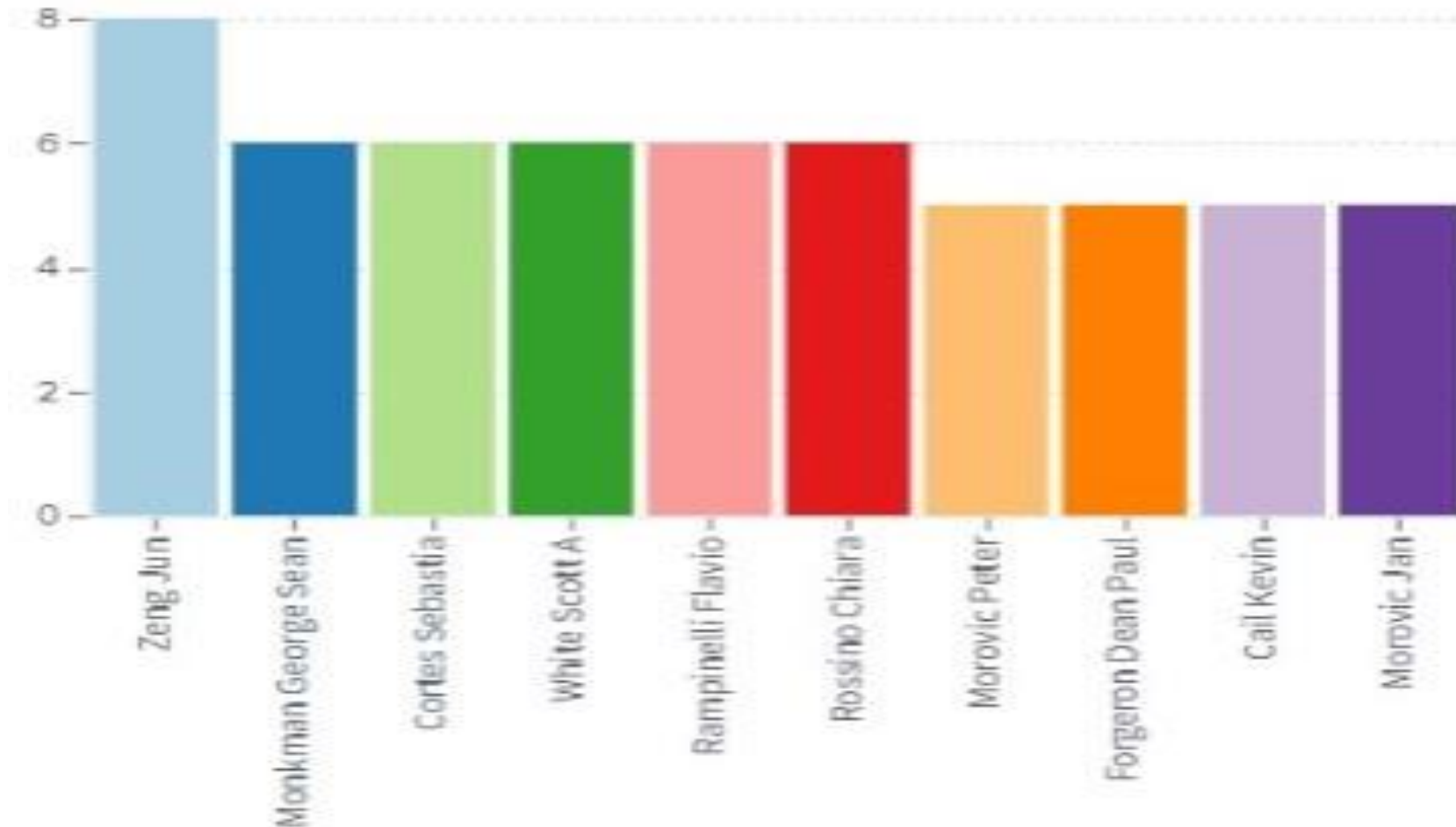
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Massachuse...

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India Vs rest in top ten inventors in last 20 years



India Vs rest in top ten IPCs in last 20 years



Office of the Controller General of Patents, Designs & Trade Marks
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Government of India

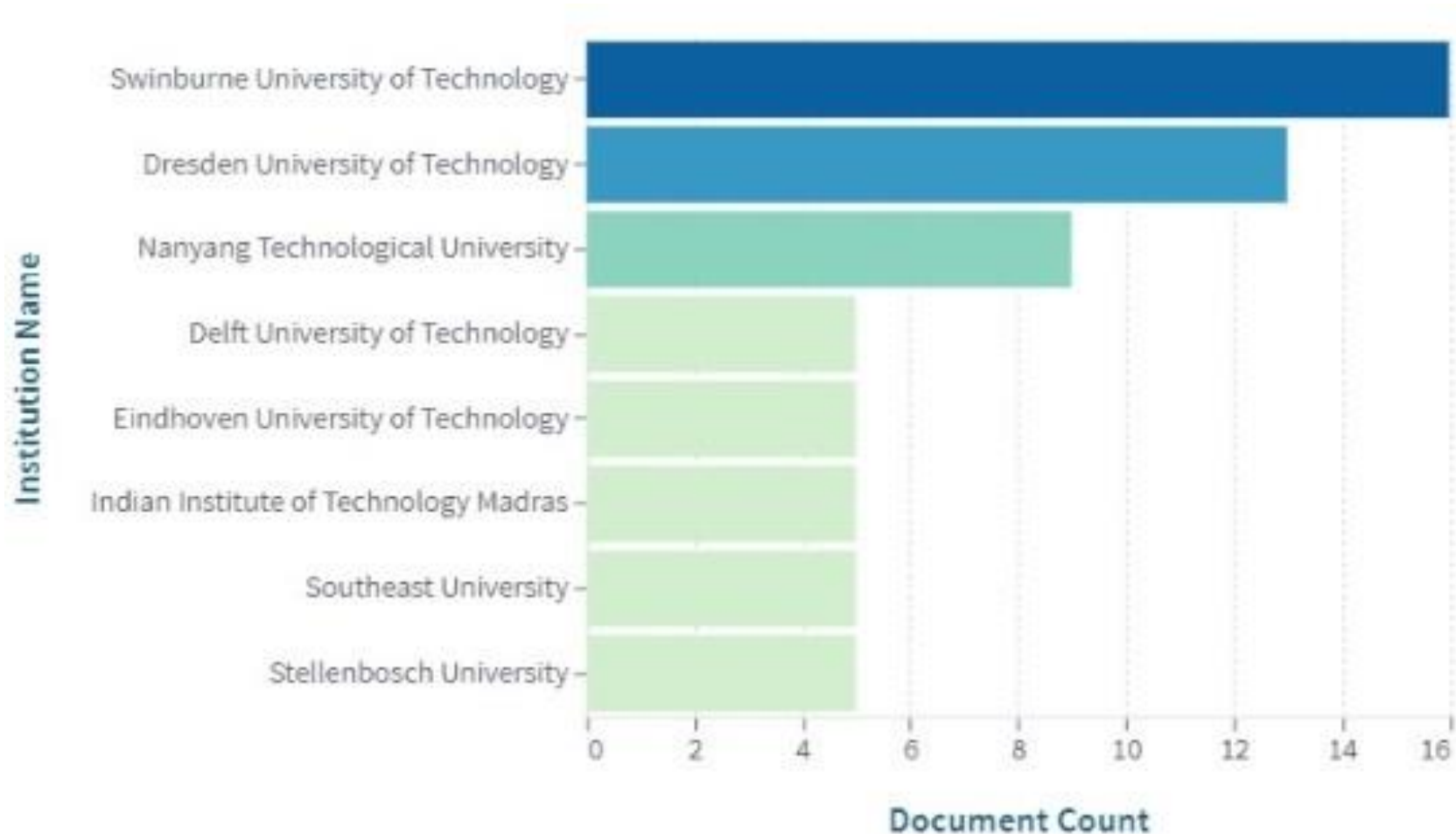
सत्यमेव जयते



Application Details

APPLICATION NUMBER	201921036413
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	10/09/2019
APPLICANT NAME	INDIAN INSTITUTE OF TECHNOLOGY GANDHINAGAR
TITLE OF INVENTION	AN APPARATUS AND METHOD FOR 3D PRINTING OF CONCRETE STRUCTURES
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	dewan@rkdewanmail.com
ADDITIONAL-EMAIL (As Per Record)	helpdesk@rkdewanmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	19/03/2021
PUBLICATION DATE (U/S 11A)	12/03/2021

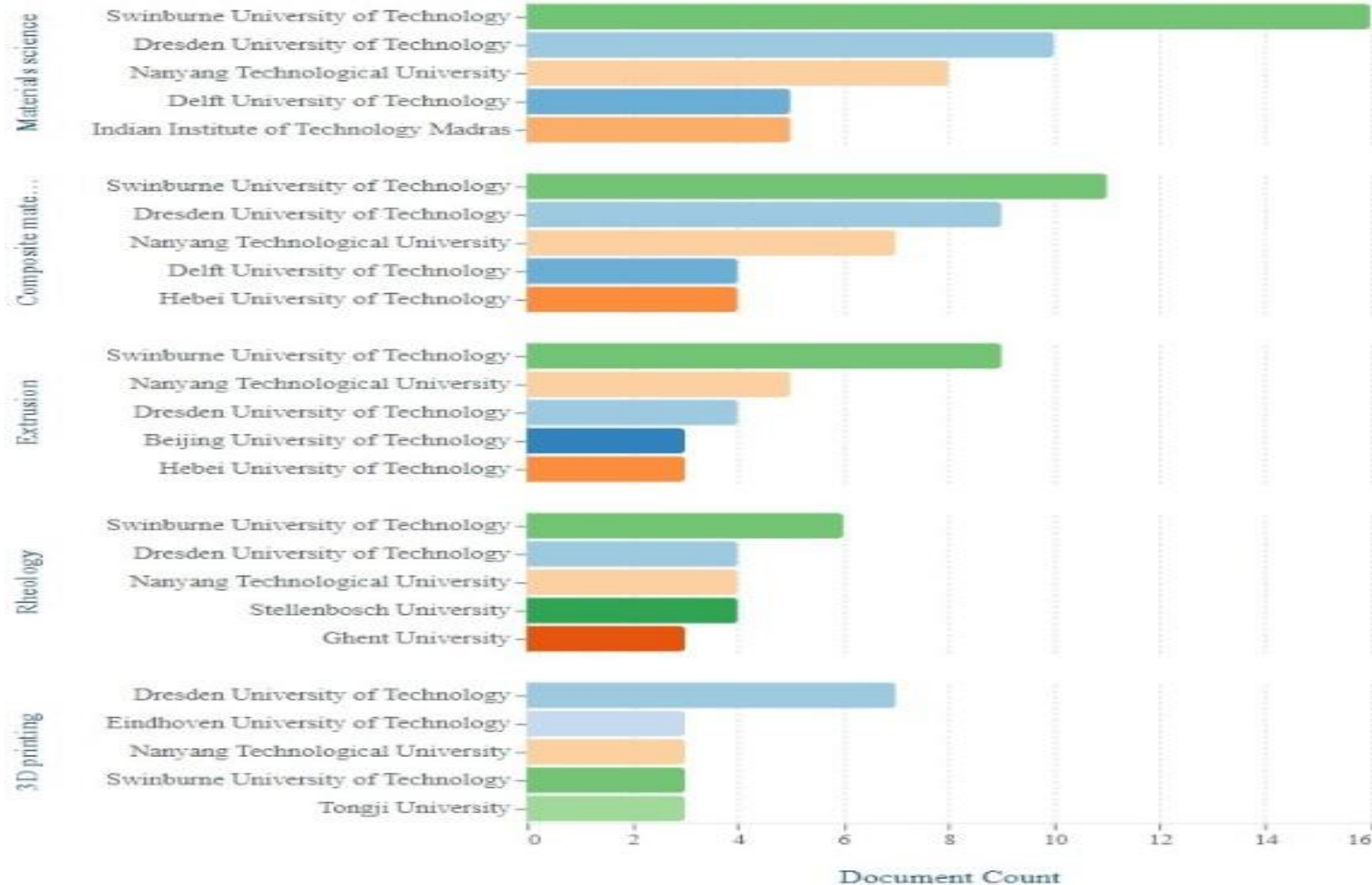
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3 Key technologies and IPCs used

- KT1: 3d Printing
 - KT2: Rheology
 - KT3: Extrusion
 - KT4: Composite Materials
 - KT5: Material Science
-
- IPC1: C04B28/06
 - IPC2: C04B28/04
 - IPC3: C04B24/26

India Vs rest in top ten institutes in last 20 years considering KT's



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Government of India

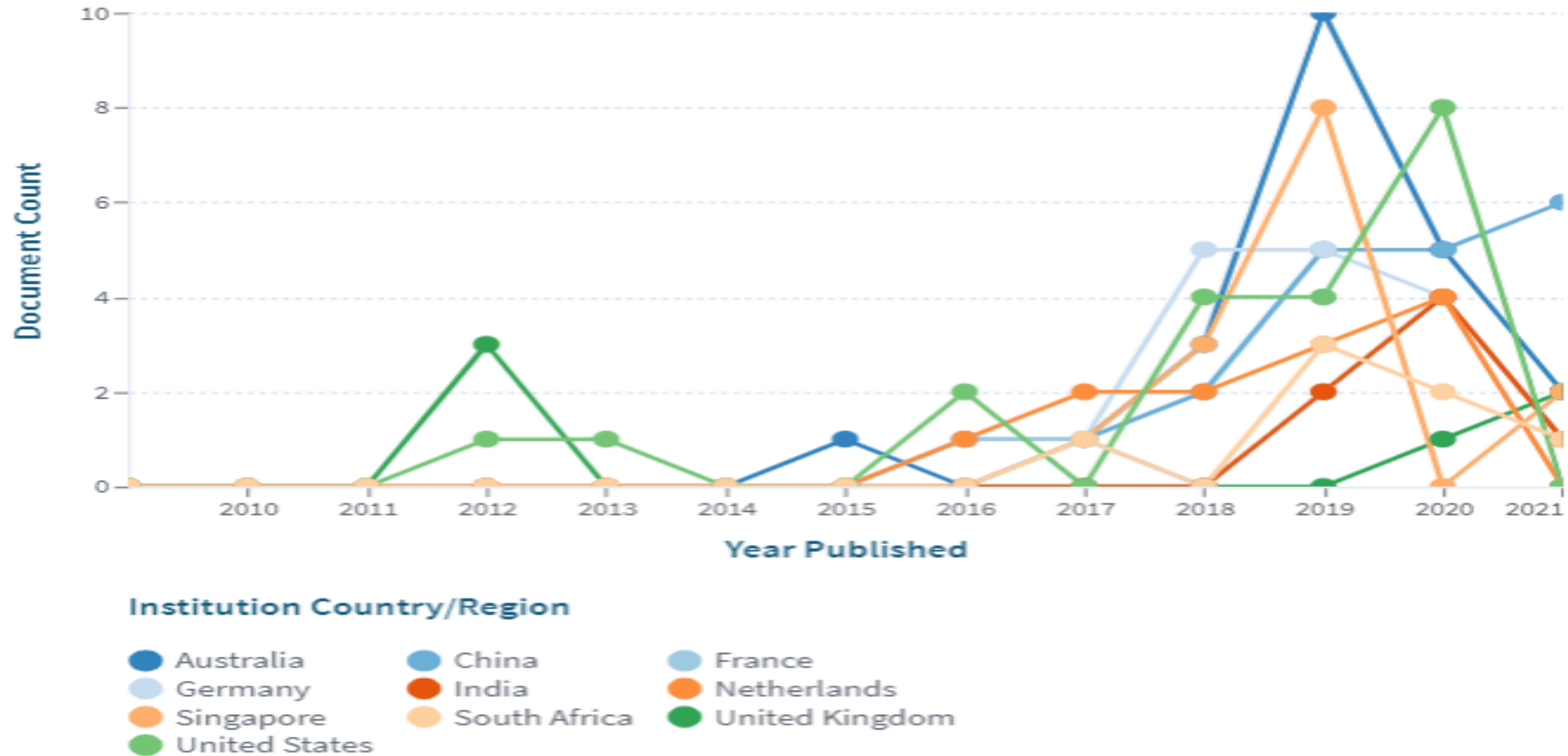
सत्यमेव जयते



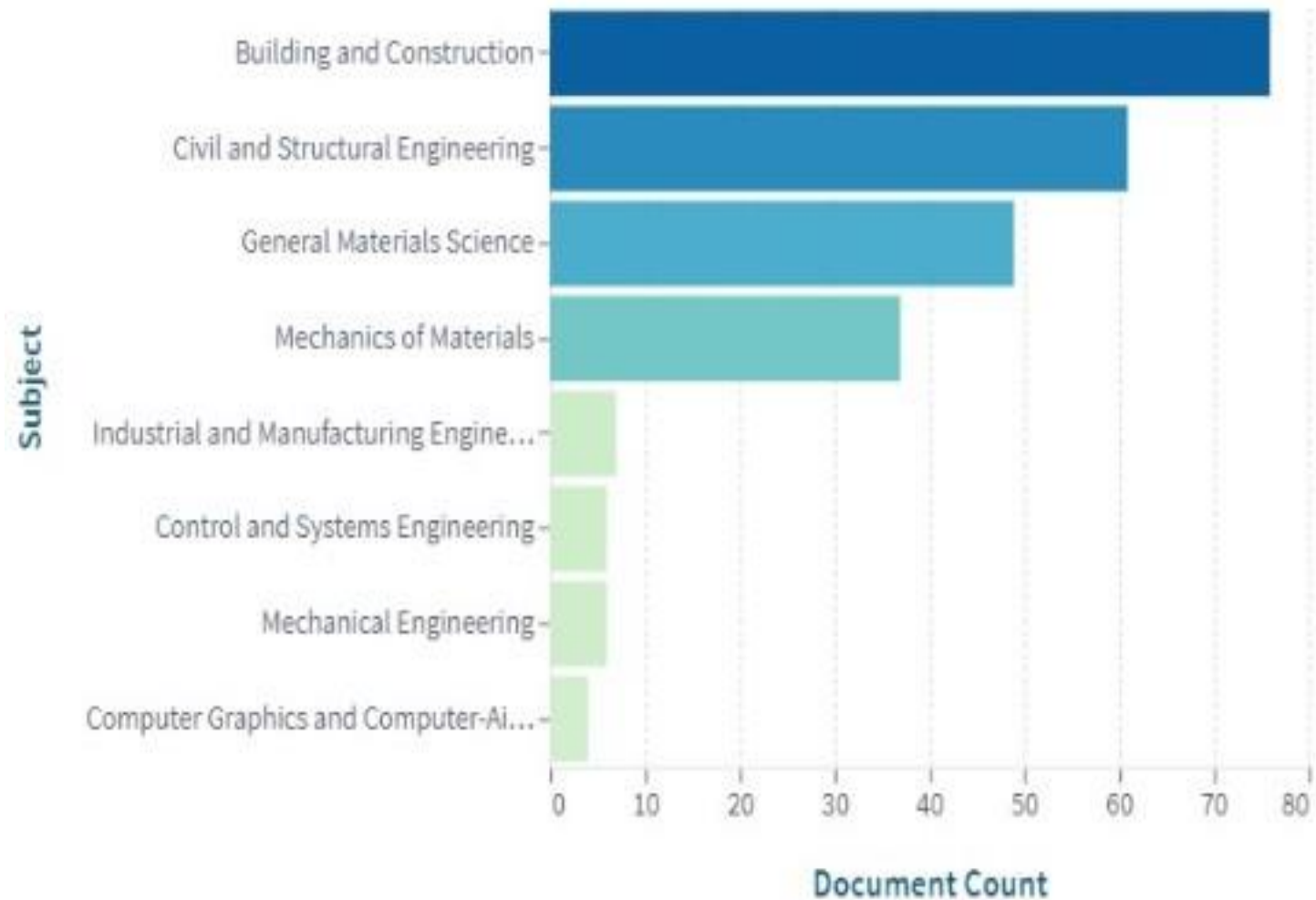
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Top Indian institutes based on scholarly works



Any slide of your choice



Conclusion on patentability

- Based on the searches performed, it has been concluded on the possibility of a patent filing on the topic
- “ 3d Printable Concrete.”
- Highly recommended
- The recommendation is based on our understanding
- Low Human Interference
- Precision Control
- Fastrack Construction
- Economical

Contact



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