



New Institutions: Opportunities and Challenges

Geetha Venkataraman
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- Entrance procedures vary from using JEE scores/ KVPY, XII marks, written entrance exams etc.



Opportunities (mathematics)

Geetha Venkataraman. AUD



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Students:



Opportunities (mathematics)

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Students:

- UG programmes (3 year, 4 year) (ISI, AUD, FLAME, SNU)



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(usually 5 years)



Opportunities (mathematics)

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Opportunities (mathematics)

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Students:

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- Integrated Masters (IISERs, NISER, IITs etc)
(usually 5 years)
- Masters (SNU, IITs) (2 years after a UG degree)
- PhD (ISI, JNU, IIT, AUD, IISERs, NIISERs)



Opportunities (mathematics)

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Opportunities (mathematics)

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Mathematicians:



Opportunities (mathematics)

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Mathematicians:

- Faculty positions



Opportunities (mathematics)

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Mathematicians:

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- Research



Opportunities (mathematics)

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Mathematicians:

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- Teaching



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Mathematicians:

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- Research
- Teaching
- Policy



Opportunities (mathematics)

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Mathematicians:

- Faculty positions
- Research
- Teaching
- Policy
- Curriculum Design



Challenges

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- **Goals and Aims**



Challenges

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- **Goals and Aims**
- **Funding**



Challenges

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- **Goals and Aims**
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- **Qualified Faculty**



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Challenges

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- **Goals and Aims**
- **Funding**
- **Qualified Faculty**
- **Balance b/w teaching, research and administration**
- **Accountability**
- **Access**
- **Quality**