• How to Join WIE?

Membership dues are US\$25 annually for IEEE Members (higher grade and above). WIE membership is free for Students, Graduate Student Members, and Life Members. Select "IEEE Women in Engineering Membership" under "Special Interest Groups" when you join or renew online.

• Can male IEEE members apply for WIE membership?

Yes, male IEEE members can apply for membership. While WIE focuses on promoting women in the field, membership is open to all IEEE members, regardless of gender, who support its mission to inspire, engage, encourage, and empower women in engineering.

*Note: I could not find anywhere on the website, where it specifically mentions if a male IEEE member can sign the petition for WIE Affinity group or not.

• To Form An Affinity Group

- 1. Recruit six IEEE members willing to be part of the founding Affinity Group;
- 2. Select someone to be responsible for the Affinity Group until the first meeting is held and the Officers are formally appointed;
- 3. Obtain approval from your Section or Student Branch Executive Committee approval (an Affinity Group depends administratively and financially on the Section);

Petition to form an IEEE Student Branch Affinity Group

ORGANIZERS	 The Organizer must be an active IEEE member of Student or Graduate Student Member grade and attend the school The Organizer shall serve as the interim Student Branch Affinity Group Chair pending election at a later date
ENDORSERS	 Student Branch Affinity Group petitions must be endorsed by the following: Student Branch Affinity Group Advisor, who must be an active IEEE member of Graduate Student Member grade or higher and a Faculty Member of the school, teaching in the IEEE designated fields of interest Endorsers will be invited to endorse the petition once the petition has been verified by IEEE Staff.
PETITIONERS	Student Branch Affinity Group petitions must be signed by the following: • 6 active IEEE members of Student or Graduate Student Member grade who attend the school

	• The Petitioners must be active members of Women in Engineering Qualified members will be invited to sign the petition once the petition has been endorsed by all Endorsers.
APPROVERS	Student Branch Affinity Group petitions must be approved by the following: Region Director (or their designee) Regional Student Activities Chair Chair of the Sponsoring Entity (or their designee) Approvers will be invited to approve the petition once the petition has been signed by 6 Petitioners.

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Shortest / Rigorous Path

If studying full-time with our program and want to finish earliest. Very high intensity path.

≈ 30 - 40 hours effort per week

Total: 3 years (9 Terms) 3 or 4 courses per term

> QUALIFIER week 1 - week 4

Mathematics for Data Science I Statistics for Data Science I Computational Thinking English I

TERM 1

week 5 onwards

Rs.16,000 / Rs.8,000 / Rs.4,000

Rs.3,000*/Rs.1,500*/Rs.750*

Mathematics for Data Science I Statistics for Data Science I Computational Thinking English I

TERM 2

Rs.16,000 / Rs.8,000 / Rs.4,000

Mathematics for Data Science II Statistics for Data Science II Programming in Python English II

TERM 3

Rs.30,000 / Rs.15,000 / Rs.7,500

Database Management Systems Programming, Data Structures & Algorithms using Python Modern Application Development I

TERM 4

Rs.30,000 / Rs.15,000 / Rs.7,500

Business Data Management Programming Concepts using Java Modern Application Development II

TERM 5

Rs.25,000 / Rs.12,500 / Rs.6,250

Machine Learning Foundations **Business Analytics** Skill Enhancement I**

TERM 6

Rs.25,000 / Rs.12,500 / Rs.6,250

Machine Learning Theory Machine Learning Practice Skill Enhancement II**

TERM 7

Rs.40,000 / Rs.20,000 / Rs.10,000

Core I Core II Elective I

Strategies for Professional Growth

TERM 8

Rs.35,000 / Rs.17,500 / Rs.8,750

Project I Elective II

Elective III

Skill Enhancement III**

TERM 9

Rs.25,000 / Rs.12,500 / Rs.6,250

Elective IV Proiect II

Skill Enhancement IV**



BSc Degree in Programming and Data Science from IIT Madras

* Application Fee, irrespective of family income: Rs.3,000 - General applicants Rs.1,500 - PwD/SC/ST applicants Rs.750 - PwD & SC / ST applicants

Colour Key to reading Fee for each Term:

Full Term Fee, no waiver - for General / EWS / OBC candidates with family income > 5LPA 50% Fee waiver - for General / EWS / OBC candidates with family income <= 5LPA and > 1 LPA - for SC / ST / PwD candidates with family income > 1 LPA

75% Fee waiver - for General / EWS / OBC candidates with family income <= 1 LPA

- for SC / ST / PwD candidates with family income <= 1 LPA
- for SC / ST and PwD candidates irrespective of family income

^{**} All Skill Enhancement courses are of 2 course credits each. All other courses are of 4 credits each. That also means that the fee and number of hours of content for each Skill Enhancement course shall be half that of every other course.

Moderate-intensity Path

Recommended if studying part-time with our program and if already familiar with the topics covered.

 \approx 20 - 30 hours effort per week

Rs.3,000*/Rs.1,500*/Rs.750*

Total: 4 years (12 Terms)

2 or 3 courses per term

QUALIFIER • week 1 - week 4

Mathematics for Data Science I Statistics for Data Science I Computational Thinking English I

TERM 1

week 5 onwards

Rs.12,000 / Rs.6,000 / Rs.3,000

Mathematics for Data Science I Computational Thinking English I

TERM 2

Rs.12,000 / Rs.6,000 / Rs.3,000

Statistics for Data Science I Mathematics for Data Science II Programming in Python

TERM 3

Rs.8.000 / Rs.4.000 / Rs.2.000

Statistics for Data Science II

English II

TERM 4

Rs.30,000 / Rs.15,000 / Rs.7,500

Database Management Systems

Programming, Data Structures & Algorithms using Python Modern Application Development I

TERM 5

Rs.30,000 / Rs.15,000 / Rs.7,500

Business Data Management Programming Concepts using Java Modern Application Development II

TERM 6

Rs.25,000 / Rs.12,500 / Rs.6,250

Machine Learning Foundations **Business Analytics**

Skill Enhancement I**

TERM 7

Rs.25,000 / Rs.12,500 / Rs.6,250

Machine Learning Theory Machine Learning Practice Skill Enhancement II**

TERM 8

Rs.30,000 / Rs.15,000 / Rs.7,500

Core I Core II

Strategies for Professional Growth

TERM 9

Rs.20,000 / Rs.10,000 / Rs.5,000

Elective I Project I

TERM 10

Elective II

Rs.20,000 / Rs.10,000 / Rs.5,000

Flective III

TERM 11

Flective IV

Rs.15,000 / Rs.7,500 / Rs.3,750

Skill Enhancement III**

TERM 12

Rs.15,000 / Rs.7,500 / Rs.3,750

Project II Skill Enhancement IV**



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Comfortable Path

Recommended if studying part-time with our program and wish to explore each course thoroughly.

≈ 15 - 25 hours effort per week

Total: 5 years (15 Terms)

2 or 3 courses per term

QUALIFIER • week 1 - week 4 Rs.3,000*/Rs.1,500*/Rs.750*

Mathematics for Data Science I Statistics for Data Science I Computational Thinking English I

TERM 1

week 5 onwards Rs.8,000 / Rs.4,000 / Rs.2,000

Mathematics for Data Science I Statistics for Data Science I

TERM 2

Rs.8,000 / Rs.4,000 / Rs.2,000

Mathematics for Data Science II Statistics for Data Science II

TERM 3

Rs.8,000 / Rs.4,000 / Rs.2,000

English I Computational Thinking

TERM 4

Rs.8,000 / Rs.4,000 / Rs.2,000

English II **Programming in Python**

Skill Enhancement I**

TERM 5

Rs.20,000 / Rs.10,000 / Rs.5,000

Database Management Systems Programming, Data Structures & Algorithms using Python

TERM 6

Rs.15,000/Rs.7,500/Rs.3,750

Modern Application Development I

TERM 7

Rs.20,000 / Rs.10,000 / Rs.5,000

Programming Concepts using Java Machine Learning Foundations

TERM 8

Rs.15,000 / Rs.7,500 / Rs.3,750

Business Data Management Skill Enhancement II**

TERM 9 Modern Application Development II

Rs.20,000 / Rs.10,000 / Rs.5,000

TERM 10

Machine Learning Theory Machine Learning Practice

Business Analytics

Rs.20,000 / Rs.10,000 / Rs.5,000

TERM 11

Rs.20,000 / Rs.10,000 / Rs.5,000

Core I Core II

TERM 12 Rs.25,000 / Rs.12,500 / Rs.6,250

Elective I Strategies for Professional Growth

Skill Enhancement III**

TERM 13

Rs.20,000 / Rs.10,000 / Rs.5,000

Project I

Elective II

TERM 14 •

Elective III

Rs.20,000 / Rs.10,000 / Rs.5,000

Elective IV

TERM 15

Project II

Rs.15,000 / Rs.7,500 / Rs.3,750

Skill Enhancement IV**



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