THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-625 015

(A Govt. Aided Autonomous Institution affiliated to Anna University)

SELF-FINANCE COURSES (Professor)

<u>CSBS</u>

1. Mandatory:
     i. BE / B.Tech and ME /M.Tech in Computer Science and Engineering with first class or equivalent either in BE / B.Tech or ME/M.Tech./MBA.
     ii. Ph.D. in relevant discipline
     iii. Minimum 10 years of Experience.
2. Desirable:
     i. Publications in Q1 and Q2 journals.
     ii. Experience in handling sponsored research projects.
     iii. Applicants with no history of arrears are preferable.
     iv. Applicants having MBA Post Graduate Diploma in Business Preferable

<u>DESIGN</u>

1. Bachelor's and Master's Degree in relevant branch with First class or equivalent in either level.
2. Desirable: Ph.D. in relevant field
3. Fourteen years of experience in teaching/ research/ professional work out of which a full-time teaching experience of minimum five years.
   (OR)Nineteen years of professional experience.

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-625 015

(A Govt. Aided Autonomous Institution affiliated to Anna University)

SELF-FINANCE COURSES (Associate Professor)

PLANNING

1. Bachelor Degree in Planning/Architecture/Civil Engineering or equivalent to B. Arch. and Master of Planning or equivalent with minimum 60% marks at either level
2. Eight years' experience in teaching/research/ professional work out of which a full-time teaching experience of minimum three years(OR) Thirteen years of professional experience

ARCHITECTURE

1. Bachelor Degree in Architecture or equivalent to B. Arch. and Master Degree in Architecture or in allied subjects of Architecture with minimum 60% marks at either level
2. Eight years experience in teaching/ research/ professional work out of which a full-time teaching experience of minimum three years.(OR)Thirteen years of professional experience.

DESIGN

1. Bachelor Degree in Architecture or equivalent to B. Des/ B.Arch and Master Degree in Architecture/Design or in allied subjects of Architecture with minimum 60% marks at either level
2. Eight years experience in teaching/ research/ professional work out of which a full-time teaching experience of minimum three years.(OR)Thirteen years of professional experience.

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-625 015
(A Govt. Aided Autonomous Institution affiliated to Anna University)

SELF-FINANCE COURSES (Assistant Professor)

Civil Engineering:

1. Specialization:
   - Structural Engineering: M.E Structural Engineering, PhD, with the knowledge of Dynamics and Usage of the latest analysis and design software
   - Geotechnical Engineering: ME Geotechnical, with the knowledge of latest software
   - Transportation Engineering: ME Transportation Engineering with knowledge of latest Software
2. Applicants with no history of arrears are preferable.

Electronics and Communication Engineering:

1. BE / B.Tech and ME /M.Tech in ECE with first class
2. Ph. D in the above relevant subject is desirable.
3. Applicants with no history of arrears are preferable.

Computer Science and Engineering:

1. BE / B.Tech and ME /M.Tech in Computer Science and Engineering with first class or equivalent either in BE / B.Tech or ME/M.Tech.
2. Ph.D in the above relevant subject is desirable.
3. Applicants with no history of arrears are preferable

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-625 015

(A Govt. Aided Autonomous Institution affiliated to Anna University)

Computer Science and Engineering – AI & ML:

1. BE / B.Tech and ME /M.Tech in Computer Science and Engineering with first class or equivalent either in BE / B.Tech or ME/M.Tech.
2. Ph.D in the above relevant subject is desirable.
3. Applicants with no history of arrears are preferable
4. Specialization : AI and Data Science

Information Technology :

1. BE / B.Tech and ME /M.Tech in Information Technology with first class or equivalent either in BE / B.Tech or ME/M.Tech.
2. Ph.D in the above relevant subject is desirable.
3. Applicants with no history of arrears are preferable.

Mechatronics

1. BE / B.Tech and ME /M.Tech in Mechanical/ Mechatronics Engineering with first class
2. Ph.D in the above relevant subject is desirable.
3. Applicants with no history of arrears are preferable.

CSBS:

1. BE / B.Tech and ME /M.Tech in Computer Science and Engineering with first class or equivalent either in BE / B.Tech or ME/M.Tech/MBA.
2. Ph.D in the above relevant subject is desirable.
3. Applicants with no history of arrears are preferable.

English/Physics/Chemistry/Mathematics

1.Ph.D. in relevant discipline

2. Applicants who have cleared NET/SLET/SET and with no history of arrears are preferable.

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-625 015

(A Govt. Aided Autonomous Institution affiliated to Anna University)

Planning

1. Bachelor's degree in Architecture / Planning / Civil Engineering with First class or equivalent & Master of Planning or equivalent with First class or equivalent in either level
2. 1 year of relevant Industry experience.

Architecture

1. Bachelor Degree in Architecture or equivalent to B. Arch. with minimum 60% Marks
2. Three years of relevant professional experience.

<div align="center">(or)</div>

3. Bachelor Degree in Architecture or equivalent to B. Arch. and Master Degree in Architecture or in allied subjects of Architecture with minimum 60% Marks at either level
4. One year of relevant professional experience.

M.Sc. Data Science

For CS background:

1. MSc (Computer Science/IT) / MCA / B.E CSE & M.E CSE/BTech IT & MTech IT (SET/UGC-NET / PhD is desirable)
2. Specialization required: Object Oriented Programming, Machine learning, Deep learning, Data analytics.

For Mathematics background:

1. MSc (Mathematics) / MSc (Statistics) (SET/UGC-NET/PhD is desirable)
2. Specialization required: Probability, Statistics, Calculus, Linear Algebra.