

**Army Institute of Technology**  
An Autonomous Institute (from A.Y. 2025-26) under SPPU, Pune

**Standard Operating Procedure (Institute Level)**  
M. Tech Data Science (Admission Process)

**1. Introduction:**

Master of Technology in Data Science is a full-time two-year postgraduate degree programme approved by AICTE and affiliated to SPPU. The duration of the programme is two (2) years, which is divided into four semesters.

**2. Total no of Seats(vacancies):** 24 (Twenty-Four)

: [Army :19, Air Force: 03, Navy: 02]

**3. Aim of SOP:**

An SOP is to lay down the procedure of admission at the institute level for M. Tech Data Science programme offered at AIT.

**4. Approvals:**

Based on the case taken up by AIT, permission to launch ME Data Science was accorded by AWES vide letter No B/45806/Exp/AWES dated 21<sup>st</sup> May 2021. The same was approved on GBM held on 17<sup>th</sup> June 2021 vide para 10 of letter No AIT/0044/GBM/Adm dated 5<sup>th</sup> July 2021.

Approvals of AICTE, UGC, SPPU and DTE were received vide letter no as under: -

- a. AICTE approval letter No 10974250886/2022/EOA dated 03 July 2022
- b. SPPU approval letter No CA/1735 dated 27<sup>th</sup> September 2022.
- c. DTE approval letter No 2/NGC/Engg/Approval (155/2022) 304 dated 31<sup>st</sup> March 2023.
- d. UGC approval(autonomy) letter No.F.2-10/2023(AC-Policy) Dated 10<sup>th</sup> July 2024.
- e. SPPU approval(autonomy) letter No: CA/1671 Dated 23rd August 2024.

**5. Special Permission to Admit Students:**

Permission has been granted by DTE, Maharashtra to AIT vide letter no. २अ/एडीम/२०२३/185 dated 16<sup>th</sup> June 2023 to carry out the admission process at the institute level for ME Data Science programme from the academic year 2023-24 onwards. AIT has been granted autonomous status by University Grants Commission(UGC) and Savitribai Phule Pune University(SPPU) in the year 2024.

**6. Eligibility:**

Only the wards of regular Army, Air Force or Navy Personnel/ Ex-Servicemen/ War widows are eligible to apply. Candidate must have successfully completed his/her bachelor's degree in Engineering / Technology in any of the branches mentioned in APPENDIX-A with a minimum score of 50 % along with a valid non-zero GATE score.

Non-GATE candidates are also encouraged to apply. Such candidates must have successfully completed their bachelor's degree in Engineering / Technology in any of

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the branches mentioned in APPENDIX-A with a minimum score of 50 %. However, their applications will be considered when there are vacant seats after considering candidates with valid non-zero GATE scores.

**7. Admission Procedure:**

The first round of admissions shall take place during the 1<sup>st</sup> week of August.

A rank list will be prepared based on the GATE score after the last date for submitting applications online.

Admissions shall be granted on the basis of merit(rank) from the rank list prepared.

Vacancies (if any) at the end of the admission process shall be filled by non-GATE applicants as mentioned below.

An institute level test will be conducted for non-GATE applicants and a rank list will be prepared based on a 100-point scale as mentioned below. A passing score of 40 points is required to be considered for admissions.

- a. Test on Programming and Statistics: Maximum 50 points
- b. B. E/B. Tech Final year Marks: Maximum 25 points
- c. Counselling/Interview: Maximum 25 points

**8. Academic Fees:** As approved by the management of AIT.

**9. Advertising the Programme/Vacant seats:**

Every year, the advertisement of M. Tech Data Science programme shall be published on institute website/ various newspapers/social media/army circles/alumni groups in the month of June (preferably by 20<sup>th</sup> June).

A committee comprising of the following members shall be constituted to prepare the programme brochure, content of the advertisement and publication of the advertisement after obtaining the final approval from the Director of AIT.

- a. Principal, AIT.
- b. Head of Computer Engineering Department.
- c. PG Coordinator in charge of M. Tech DS
- d. PG Faculty members of Computer Engineering Department.
- e. Office Superintendent.
- f. Training and Placement Officer

The last date of submitting online applications shall be 15<sup>th</sup> of July, and the same shall be extended till 31<sup>st</sup> July.

The first round of admissions shall take place during the 1<sup>st</sup> week of August.

The vacant seats after the first round of admissions shall be advertised on newspapers, social media, and institute website.

The second round of admissions shall be conducted during the 3<sup>rd</sup> week of August.

## **10. Various Committees for the Admission Process:**

Various committees shall be constituted to perform the following tasks.

### 10.1 Eligibility check and Administrative Processes:

- a. Shortlisting the applications received online by checking the eligibility of the applicants as mentioned in APPENDIX-A and verification of the originals at the time of actual admissions. A committee comprising of the following members shall be constituted for the same.
  1. Head of Computer Engineering Department.
  2. PG Coordinator in charge of M. Tech DS.
  3. One Ex-Serviceman employee of AIT nominated by the Joint Director.
  4. Registrar, AIT.
  
- b. Coordinating/communicating with the candidates during the process of admission. A committee comprising of the following members shall be constituted for the same.
  1. Head of Computer Engineering Department.
  2. PG Coordinator in charge of M. Tech DS
  3. One faculty member nominated by HoD.
  
- c. Preparing the list of candidates who have paid fees and secured admissions and forwarding the same to the Head of the computer engineering department for the commencement of classes. A committee comprising of the following members shall be constituted for the same.
  1. PG Coordinator in charge of M. Tech DS
  2. Registrar, AIT.
  3. Accountant.

### 10.2 Conduction of Admission Test/ Interview:

A committee comprising of the following members shall be constituted for the preparation of rank list of GATE candidates, admission counselling of GATE candidates, paper setting and conduction of admission test for non-GATE candidates, evaluation of the answer sheets of admission test, preparation of the rank list of non-GATE candidates, admission counselling of shortlisted candidates, etc.

1. Head of Computer Engineering Department.
2. PG Coordinator in charge of M. Tech DS
3. Two faculty members nominated by the Principal, AIT.

**APPENDIX-A**

**Eligible Branches for Admission:**

- 1 3-D Animation and Graphics
- 2 Advanced Communication and Information System
- 3 Advanced Computer Application
- 4 Applied Electronics and Communications
- 5 Applied Electronics and Instrumentation Engineering
- 6 Automation and Robotics
- 7 Automation Engineering
- 8 Bioelectronics Engineering
- 9 Biotechnology
- 10 Civil Engineering (Environment and Pollution Control)
- 11 Civil Engineering (Environmental Engineering)
- 12 Communication Engineering
- 13 Computer and Communication Engineering
- 14 Computer Engineering
- 15 Computer Engineering (Software Engineering )
- 16 Computer Engineering and Application
- 17 Computer in Multimedia
- 18 Computer Networking
- 19 Computer Science and Applied Mathematics
- 20 Computer Science and Biosciences
- 21 Computer Science and Business Systems
- 22 Computer Science and Design
- 23 Computer Science and Engineering
- 24 Computer Science and Engineering ( Cyber Security)
- 25 Computer Science and Engineering (Artificial Intelligence and Machine Learning.
- 26 Computer Science and Engineering (Artificial Intelligence)
- 27 Computer Science and Engineering (Data Science)
- 28 Computer Science and Engineering (Internet of Things and Cyber Security  
Including Block Chain Technology)
- 29 Computer Science and Engineering (IoT)
- 30 Computer Science and Engineering (Networks)
- 31 Computer Science and Engineering and Business Systems
- 32 Computer Science and Information Technology
- 33 Computer Science and Medical Engineering
- 34 Computer Science and Social Sciences
- 35 Computer Science and Systems Engineering
- 36 Computer Science and Technology
- 37 Computer Technology
- 38 Computing in Software
- 39 Cyber Physical Systems
- 40 Electrical, Electronics and Power Engineering
- 41 Electrical and Computer Engineering
- 42 Electrical and Electronics (Power System )
- 43 Electrical and Electronics Engineering
- 44 Electrical Engineering
- 45 Electrical Engineering (Electronics and Power)
- 46 Electronic Instrumentation and Control Engineering
- 47 Electronics and Communication Engineering
- 48 Electronics and Communication Engineering (Bio-Medical Engineering)
- 49 Electronics and Communication Engineering (Industry Integrated)
- 50 Electronics and Communication Engineering (Microwaves)
- 51 Electronics and Communication Technology
- 52 Electronics and Communication (Communication System Engineering)

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53	Electronics and Computer Engineering
54	Electronics and Computer Science
55	Electronics and Control Systems
56	Electronics and Electrical Engineering
57	Electronics and Instrumentation Engineering
58	Electronics and Power Engineering
59	Electronics and Telecommunication
60	Electronics and Telecommunication Engineering
61	Electronics and Tele-Communication Engineering
62	Electronics and Telecommunication Engineering (Technologynician Electronics Radio)
63	Electronics and Telematics Engineering
64	Electronics Communication and Instrumentation Engineering
65	Electronics Design Technology
66	Electronics Engineering
67	Electronics Instrument and Control
68	Electronics Instrumentation and Control Engineering
69	Electronics Science and Engineering
70	Electronics System Engineering
71	Electronics Technology
72	Geo Informatics
73	Industrial Engineering
74	Industrial Engineering and Management
75	Information and Communication Technology
76	Information Engineering
77	Information Science and Engineering
78	Information Science and Technology
79	Information Technology
80	Information Technology and Engineering
81	Instrument Technology
82	Instrumentation and Electronics
83	Instrumentation and Electronics
84	Instrumentation Engineering
85	Instrumentation Engineering
86	Instrumentation Technology
87	Manufacturing Process and Automation Engineering
88	Mathematics and Computing
89	Mechanical and Automation Engineering
90	Mechanical and Automation Engineering
91	Mechanical and Smart Manufacturing
92	Mechanical Engineering
93	Mechanical Engineering Design
94	Mechatronics Engineering
95	Medical Electronics Engineering
96	Nano Technology and Robotics
97	Nuclear Science and Technology
98	Optics and Optoelectronics
99	Power Electronics
100	Power Electronics and Instrumentation Engineering
101	Power Electronics Engineering
102	Power Engineering
103	Radio Physics and Electronics
104	Robotics and Automation
105	Software Engineering
106	Telecommunication Engineering