NAAC Institutional Quality Sustenance and Development Survey

2.

1. Kindly provide the details of the institution

Name of Institution:	Army Institute of Technology
Year of Establishment of the Institution:	1994
Address Line 1:	Alandi Road
Address Line 2:	Dighi
City/Town:	Pune
State:	Maharastra
Postal Code:	411015
Email Address:	ait@aitpune.edu.in

2. NAAC Accreditation/ Reaccreditation Details

Year of Accreditation/ Reaccreditation:	2010
Current Grade:	B
CGPA:	2.81

3. Institutional Status

Affiliated Permanent

4. Contact Person Details

Name of Head of Institution:	Principal, Dr V.P. Gosavi
Contact Phone:	020-27157534
Email:	principal@aitpune.edu.in
Website URL:	www.aitpune.com

Name of IQAC Co-ordinator

Dr Sujata Marathe

Email:

naac_coord@aitpune

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required as per norms for all programmes

Total faculty on rolls	73
Faculty added during the year	8
Faculty positions vacant	1
Faculty left during the year	1
Total number of visiting faculty	0
Total number of guest faculty	2

8. Qualification of Faculty

PhD and Above	6
MPhil	1
Masters	55
Any other (Specify)	11 BE

9. Faculty qualification improvement

PhD awarded to existing faculty	2
MPhil awarded to existing faculty	0
Any other degree awarded to existing faculty	0

10. Administrative Staff Details (Enter a number; 0 for nil)

Administrative staff (total sanctioned)	71
Administrative staff (Actual strength)	71
Added during the year of reporting	0
Left during the year	0

Number of posts vacant	0

11. Technical Support Staff Details (Enter a number; 0 for nil)

Technical Support Staff (Total sanctioned strength)	41
Technical Support Staff (Actual strength)	41
Added during the year	6
Left during the year	2
Number of posts vacant	2

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4.

SECTION II

This section surveys the quality sustenance and development activities during the year taken up by IQAC.
It reflects quality management structure, strategies, and processes which would enhance academic quality of the institution as perceived by faculty, students, alumni, and other stakeholders (social perception of the institution) inline with the vision, mission and goals of the institution.

12. Establishment details

	DD	MM	YYYY
Year of establishment of IQAC	28	02	2005

13. Composition of IQAC (Enter a number; 0 for nil)

Number of IQAC members	19
Number of Alumni in IQAC	2
Number of Students in IQAC	2
Number of Faculty in IQAC	5
Number of Administrative Staff in IQAC	8
Number of Technical Staff in IQAC	0
Number of Management Representatives	2

| Number of External experts in IQAC | 0 |
| Number of any other stakeholder and community representatives | 0 |

14. IQAC Meetings

| Number of IQAC meetings held during the year | 20 |

15. Whether Calendar of activities of IQAC formulated for the academic year

Yes

16. IQAC Plans for Development (Enter a number; 0 for nil)

Number of academic programmes proposed	1
Number of value added programmes proposed	21
Number of skill oriented programmes proposed	3
Number of faculty competency and development programmes proposed	3
Number of other staff development programmes proposed	2
Number of student mentoring programmes proposed	3
Number of co-curricular	6

activities proposed

Number of inter departmental cooperative schemes proposed	0
Number of community extension programmes proposed	0
Any other programmes proposed (Specify)	0

17. IQAC Plans for development & Implementation (Enter a number; 0 for nil)

Number of academic programmes implemented	1
Number of value added programmes implemented	19
Number of skill oriented programmes implemented	4
Number of faculty competency and development programmes implemented	1
Number of other staff development programmes implemented	0
Number of student mentoring programmes implemented	4
Number of co-curricular activities implemented	6

Number of inter departmental cooperative programs implemented	1
Number of community extension programmes implemented	0
Any other programmes suggested that are implemented (Specify)	0

18. IQAC Seminars and Conferences (Enter a number; 0 for nil)

Number of seminars/ conferences/ workshops organized by IQAC within the institution	0
Number of participants from the institution	0
Number of particpants from outside	0
Number of external experts invited	0
Number of external conferences/seminars/ workshops on institutional quality attended	0
Number of events conducted with IQACs of other institutions as collobrative programes	0

19. Did IQAC receive any funding from UGC during the year ?

Yes

No

20. If the response to Qn. 18 is Yes, please provide the amount received from UGC - (Input 0 - if NA/NIL-) Any other source including internal financial support from the management (Specify amount)

Amount Received
from UGC

`0`

Amount Received
from any other
source including the
college management

`0`

21. Any significant contribution made by IQAC on quality enhancement during current year (Please provide details in bullet format)

```
1) More faculty members have joined with PhD
qualification
2) Industry-institute interaction enhanced
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5.

SECTION III
In this section the events, activities, and outputs in the field of research and academic areas are being surveyed.

22. Academic Programmes

Number of new academic programes developed or designed by faculty	1
Number of faculty members involved in curriculam restructuring/revision /syllabus development	14
Number of programes in which evaluation process reformation taken up and implemented	2
Number of active teaching days during the current academic year	180
Average percentage of attendance of students	81
Percentage of classes engaged by guest faculty and temporary teachers	4
Number of self financed programmes offered	0

Number of aided programmes offered	0
Number of programmes discontinued during the year	0

23. Whether any systematic student feedback mechanism is in place ?

Yes

24. Feedback Details (If answer to Question 20 is Yes)

Percentage of courses where student feedback is taken	100

25. Is feedback for improvement provided to the faculty?

Yes

26. Faculty Research, Projects, and Publication details for the year

Number of major research projects undertaken during the year	09
Number of minor research projects undertaken during the year	03
Number of major ongoing projects	07
Number of minor ongoing projects	17
Number of major projects completed	06
Number of minor projects completed	11
Number of major project proposals submitted for external funding	06

Number of minor project proposals submitted for external funding	09
Number of research publications in peer reviewed journals	35
Number of research publications in international peer reviewed journals	27
Number of research publications in national peer reviewed journals	08
Number of research papers accepted for publication in international peer reviewed journals	21
Number of research papers accepted for publication in national peer reviewed journals	04
Average of impact factor of publications reported	01
Number of books published	07
Number of edited books published	04
Number of books (single authored) published	02
Number of books (coauthored) published	05
Numbers of conferences attended by faculty	40
Number of international	26

conferences attended	
Number of national conferences attended	11
Number of papers presented in conferences	34
Number of papers presented in international conferences	13
Number of papers presented in national conferences	05
Number of conferences organized by the institution	0
Number of faculty acted as experts resource persons	22
Number of faculty acted as experts resource persons - international	0
Number of faculty acted as experts resource persons- national	1
Number of collaborations with international institutions	0
Number of collaborations with national institutions	0
Number of linkages created during the year	0
Total budget for research for current year as a	2%

percentage of total
institution budget

Amount of external
research funding
received in the year

`17 Lac`

Number of patents
received in the year

`0`

Number of patents
applied for in the
year

`01`

Number of research
awards/ recognitions
received by faculty
and research fellows
of the institute in the
year

`0`

Number of PhDs
awarded during the
year

`0`

Percentage of
faculty members
invited as external
experts/resource
persons/reviewers
/referees or any
other significant
research activities

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6.

SECTION IV

This section deals with Student Mentoring and Support System existing in the institution. This includes student activities, mentoring, and opportunities for development and inclusive practices.

27. Student Details and Support Mechanisms

The total intake of students for various courses (Sanctioned)	300
Actual enrollment during the year	300
Student dropout percentage during the year	07
Success percentage in the final examination across the courses	76
Number of academic distinctions in the final examination and percentage	133
Number of students who got admitted to institutions of national importance	06
Number of students admitted to institutions abroad	09
Number of students qualified in UGC NET/ SET	0

Number of students qualified GATE/ CAT/ other examination (Specify)	30

28. Does student support mechanism exist for coaching for competitive examinations?

No

29. Student participation, if response is yes to Qn. 27

Number of students participated	0

30. Does student counselling and guidance service exist ?

Yes

31. Student participation, if answer to Qn. 29 is yes

Number of students participated	150

32. Career Guidance

Number of career guidance programmes organized	15
Percentage of students participated in career guidance programmes	0

33. Is there provision for campus placement?

Yes

34. If yes to Qn. 32

Number of students participated in campus selection	219

programmes

Number of students selected for placement during the year	175

35. Does gender sensitization program exist ?

No

36. If Answer is Yes to Qn 34

Number of programmes organized	0

37. Student activities

Number of students participated in external cultural events	56
Number of prizes won by students in external cultural events	16
Number of cultural events conducted by the institute for the students	10
Number of students participated in international sports and games events	0
Number of students participated in national level sports and games events	0
Number of students participated in state level sports and games events	0
Number of students participated in	0

university level
sports and games
events

Number of prizes won by students in international sports and games events	0
Number of prizes won by students in national level sports and games events	0
Number of prizes won by students in state level sports and games events	0
Number of prizes won by students in university level sports and games events	0
Number of sports and games events conducted by the institute for the students	17

38. Composition of students

Percentage of Scheduled Caste	0
Percentage of Scheduled Tribe	0
Percentage of other backward communities	0
Percentage of women students	15
Percentage of physically challenged	0
Percentage of rural students	0
Percentage of urban students	0

39. Scholarships and Financial Support

Number of students availing financial support from the institution

> 9

Amount disbursed as financial support from the institution

> 5,95,000

Number of students awarded scholarship from the institution

> 454

Number of students received notable national/international acheivements/recognition

> 0

40. Student initiatives

Number of community upliftment programmes initiated by students

> 4

Number of literary programmes initiated by students

> 2

Number of social action initiatives based on science / environment initiated by students

> 4

Number of student research initiatives

> 27

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7.

SECTION V

This section surveys the Governance and Innovation at the institution related to quality management. The educational management strategies adopted and in practice for acheiving the objectives are focussed.

41. Whether perspective plan for overall developmental activities is created ?

Yes

No

42. If the answer for Qn. 40 is Yes, is the plan implemented and monitored ?

Yes

No

43. Whether benchmarking is created for institutional quality management efforts ?

Yes

No

44. If the answer to Question 42 is Yes, please list the benchmarking in various areas of development in bullet format

1. Minimize failure in final year
2. Aim for 100% placement
3. Up-gradation of labs

45. Is a Management Information System (MIS) in place ?

Yes

No

46. If answer to question 44 is Yes, please provide details of MIS applied to

1. Administrative procedures including finance

2. Student admission

3. Student records

4. Evaluation and examination procedures

5. Research administration

6. Others

(enter the respective details corresponding to the serial numbers)

> 1.SOP for procurements,financial powers,channel of
> reporting,leave policy etc.
> 2. SOP for admission

47. Existence of learning resource management

	Yes	No
e-database in library		
ICT and smartclass room		
e-learning sources (e-Books, e-Journals)		
Production of teaching modules		
Interactive learning facilities		

48. Internal resource mobilization : Kindly provide the amount contributed

Research	601523
Consultancy and training	614205
Student contribution	0
Alumni contribution	2167000
Wellwishers	0

49. Infrastructure and welfare spending: Please specify the amount

Amount spent for infrastructure development	23162797

Amount spent for student welfare	1375705
Amount spent for staff welfare	3157719

50. Is delegation of authority practiced

Yes

No

51. Does grievance redressal cell exist ?

	Yes	No
Faculty		
Students		
Staff		

52. Grievances received from faculty and resolved (Enter a number; 0 for nil)

Number of grievances received	01
Number of grievances resolved	01

53. Number of grievances received from students and resolved (Enter a number; 0 for nil)

Number of grievances received	11
Number of grievances resolved	11

54. Number of grievances received from other staff members and resolved (Enter a number; 0 for nil)

Number of grievances received	2
Number of grievances resolved	1

55. Has the institution conducted any SWOT analysis during the year

Yes

No

56. The SWOT analysis was done by internal or by external agency

Internal

External

57. Kindly provide three identified strengths from SWOT Analysis (in bullet format)

1. Admission through JEE main rank with no quotas.
2. Armed forces background of students
3. Peer induced personality development.

58. Kindly provide three identified weaknesses from the SWOT analysis (in bullet format)

1. Inadequate industry -institute interaction
2. Inadequate research & consultancy
3. Inadequate Phds amongst faculty

59. Kindly provide two opportunities identified from the SWOT analysis (in bullet format)

1. Increasing alumni support for growth of college.
2. projects from DRDO and other army category A establishments

60. Kindly provide two identified challenges/threats from SWOT analysis (in bullet format)

1. Expansion of NIIT's and IIITs lower fees attracting higher merit students.
2. Increasing proportion of students from rural

61. Identify any significant progress made by the institution towards acheiving the goals and objectives during the year (list below in bullet format)

1. First year result were best in Pune University
2. Successful in attracting senior qualified faculty
3. Students achievements in inter college competition

62. How do you perceive the role of NAAC in the quality development of your

Name of IQAC Co-ordinator

Dr Sujata Marathe

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