



**Army Institute Of Technology (AIT),** Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

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Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University

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**Criterion 6- Governance, Leadership and  
Management**

**6.2 Strategy Development and Deployment**

**6.2.2 - Institution implements e-governance in its operations**

**Annual Report Presentations in  
Governing Body Meetings from  
2017 to 2023**

# Annual Presentations Report 2023-2024





# ARMY INSTITUTE OF TECHNOLOGY







# HISTORY & GROWTH



- *July 93 - Gen BC Joshi, then chief, felt the need to have a college for higher education of Army Wards*
- *Classes commenced in Aug 94 . First batch 1994-1998; three streams (Comp, E&TC and Mech)*
- *Formal Inauguration 24 Feb 1995*
- *IT Branch added in 2001. Intake Instt NAAC approved and All UG programs NBA approved.*
- *PG Program ME (Data Science) - Starting from AY 2022-23*
- *BE (automation and Robotics) from 2024-25*



Students strength as on date 1525



# IMPORTANT EVENTS



# COAS VIS & AIT DAY 01 FEB 23



*Gen Manoj Pande, PVSM, AVSM, VSM, ADC COAS, visited AIT on 01 Feb 23. Life time Achievement award was presented to Mr Baba Kalyani.*





## S2A2I2 IN AIT



*Southern Star Army Academia-Industry Interface S2A2I2 Program.*

*S2A2I2 seminar and exhibition on "Transformation to Aatma Nirbhar Bharat in Defence Technology" was conducted at AIT. Lt Gen Ajai Kumar Singh, AVSM, YSM, SM, VSM, GOC-in-C Southern Comd graced the occasion as the chief guest.*





# INAUGURATION OF CEAR & INNERVE 8 PRIZE DISTRIBUTION



*Center for Excellence in AI and Robotics (CEAR) was Inaugurated by Patron Lt Gen Manjit Kumar, AVSM on 09 Feb 2023*



*“Innerv8” Hackathon was organized on 09-10 Feb 2024 by AIT OSS Club*

*Countries largest Student Driven Hackathon. 4000 participants in round 1. 30 teams in final round in AIT*

*Prizes of over Rs10 Lakhs.*

*Lt Gen Manjit Kumar, AVSM, Patron AIT, presided over the Prize distribution*





# PLACEMENTS



# Placements



Year	Percentage of Placements	Average CTC (Rs in Lakh)	Highest CTC incl RSUs (Rs in Lakh)
<b>2023-24</b> <b>(ongoing)</b>	<b>81</b> <b>(278/345)</b>	<b>12.20</b>	<b>51.00</b>
2022-23	96	14.20	52.00
2021-22	97	14.70	112.14
2020-21	91	9.45	39.00
2019-20	92	7.30	39.00
2018-19	90	7.15	39.00
2017-18	93	5.90	39.00





# Tremendous Growth In Placements



- *Internships with reputed companies*
- *Guidance by alumni and peer learning (CLUB ACTIVITIES)*
- *Systematic training measures taken by T&P Cell*
- *Industry HR & Tech interactions, Value added courses by individual departments*
- *Exclusive portal <https://aitplacements.in/> and Experience sharing platform Alumni 'Anubhav'*



- **Innovation and Entrepreneurship Cell established in June 2019**
- **Objectives:**
  - ✓ **Inculcate Entrepreneurship Skills in students**
  - ✓ **Inculcate Innovative Thinking in students**





# START-UPS AT AIT

Xefficient



VIRBIKE



SKROLCART



MOMENTUM  
ROBOTICS SOLUTIONS



AI  
myAlmate



Renewable Energy, Food, Robotics, AI



# ACHIEVEMENTS





# SPONSORED RESEARCH PROJECT



*AIT in collaboration with Fortytwo Labs have bagged an ambitious Cyber Security Research Project:-*

*“Research, Design and Development of next generation cryptosystem to enable provable access control and authorizations”*

*Sponsored by*

*“National Security Council Sectt”*

*Research grant : Rs 7.46 Cr*



# LIKELY USER AGENCIES



## USER AGENCIES – KEEN TO SIGNUP



Core of Signals

*Few other civilian enterprises like HDFC, SBI have also shown interest and may sign up to participate in the research.*





# EXPECTED OUTCOMES



Way to become Atma Nirbhar in cryptosystems

Provable access control to variety of digital assets (data/ applications/ devices).

Defense Establishments can even move to cloud, will bring in agility.

Way to achieve data sovereignty without worrying about storage

Protection of Internet of Things with indigenous cryptosystem

Can be used for provable authorizations (e.g. approvals in weapons systems)

There is no practical implementation of such system in world. It will give India an unparallel advantage.

Project in Final stage. User Trials by 31 Mar 24



# NATIONAL EMPLOYABILITY AWARD



- National Employability Award. Saville and Holdsworth Limited (SHL) awards AIT the National Employability Award 2023
- Maharashtra Jagran Josh, shortlists AIT in the top 7 Engineering Colleges of the State





# SMART INDIA HACKATHONS



*Smart India Hackathan (SIH) 2023. Two Teams of AIT won first prize and cash award of of Rs 1,00,000/- each in SIH on 19 Dec 2023 :-*

Team IES Bhopal	Team QIS Ongol
<ul style="list-style-type: none"> <li>▪ Divyangana Singh, BE(E&amp;TC)</li> <li>▪ Piyush Yadav, BE (E&amp;TC)</li> <li>▪ Aniket Singh, BE(IT)</li> <li>▪ Abhinaw Gupta, BE(E&amp;TC)</li> <li>▪ Eshaan Kapoor, BE(Comp)</li> <li>▪ Harshit Gangwar, BE(Comp)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Sohan Ghosh</li> <li>▪ Archit Ojha, FE(Comp)</li> <li>▪ Astubh Mishra, FE(Comp)</li> <li>▪ Binit Kumar Lenka, FE(Comp)</li> <li>▪ Bipasa Maji, FE(Comp)</li> <li>▪ Rajdev Singh, FE(Comp)</li> </ul>



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W. M. QUAS. CAMERA  
20/12/2023 21:14





# CAPTURE THE FLAG & TECH COMPETITIONS



*Capture the Flag. AIT students Divyam Sharma (SE Comp), Gourav (SE Comp), Tanishk Soam (SE Comp), Darshan Garad (SE Comp), bag the first four positions respectively at Capture the Flag event at Symbiosis College.*



*KIMO Intra College Tech Competition. Vivek Singh (TE E&TC) stands first amongst 148 participants in AIT India KIMO's Intra College Tech Competition*







# SCHOLARSHIPS



- Deutsche Bank has selected 3 FE Girls Students for yearly scholarship of Rs 1.00 Lac and Laptop.
  - Jyoti Mishra, FE (E& TC)-A,
  - Vanshika, FE (Comp)-B,
  - Shivani, FE (Comp)-A.
- Kiran Girls Scholarship. FE students, Vanshika, Goldi, Neeshu and Sneha get selected for the Kiran Girls Scholarship by Persistent Foundation
- Debasmita Adak (FE) is selected for the Women Engineers (WE) Program offered by Talentsprint and supported by Google





# SCHOLARSHIPS



- *Reliance foundation scholarship of Rs 2 Lakh was bagged by following students:-*
  - *Kaushal Vyas FE (Comp).*
  - *Sheikh Hasina(FE E&TC).*
  - *Ashish A Kumar (FE Mech).*





# High Value Internships



- *Shristy Thakur (SE E&TC) gets selected for an overseas internship at Barclays Bank, UK with a total stipend of £6866.6 (Rs 6.8 L) and £2000 (Rs.2L) for travel and stay from 19 Jun to 14 Aug 2023.*
- *Ms Puja, Third year Computer Engg Student has been selected by 'Alphonso' for internship with internship of Rs 2,50,000/- for two months from 17 Apr to 31 May 2023. She was also selected for Internship with Google with internship of Rs. 1,14,000/- for three months from 05 Jun to 25 Aug 2023.*
- *Abhishek Kumar, TE IT carried out internship at Amazon (London) and received stipend of \$ 4,083.00 (Rs 4,38,342/-) GBP Monthly from 13 Feb to 30 Sep 2023.*







# SPORTS ACHIEVEMENTS



- Gold Medal in Boxing. Vanshika, FE (Comp) qualified for All India Inter University Boxing Championship & representing SPPU (26 to 31 Dec).
- AIT Girls Team won 1 Gold, 2 silver and 2 Bronze in Zonals. Boys team Dhiraj Bhisht and Avinandan Kumar bagged Gold and silver (10 Feb to 15 Feb 2023)
- AIT Boys Volleyball Team wins Gold at COEP Tournament (10 Feb to 15 Feb 2023)







# SPORTS ACHIEVEMENTS



*Mr Vikrant Kumar, BE E&TC has been selected to represent SPPU in the Basketball West Zone Tournament, scheduled from 26 to 30 Dec 2023 at Jaipur.*



*Students representing SPPU in West Zone Squash competitions from 19 to 20 Dec 2023 :-*

- *Utkarsh Singh, BE*
- *Harender Singh, SE*
- *Amruta Patil, BE*
- *Nikita Kumari, TE*
- *Deeksha Singh, BE*





# ACHIEVEMENTS OF FACULTY



- **Prof Sita Yadav** received "S4DS Innovator of the Year 2023" award during a conference named "Eighth International Conference on Data Management, Analytics, and Innovation - ICDMAI 2024," at VIT Vellore on 21 Jan 2024.
- She had earlier won the best paper award (3rd) from the CNS, Adm S. Hari Kumar for her PhD Conf Paper at DIAT.



- **Dr Renuka Bhandari and Dr Seema Tiwari** were granted patents for their respective inventions.

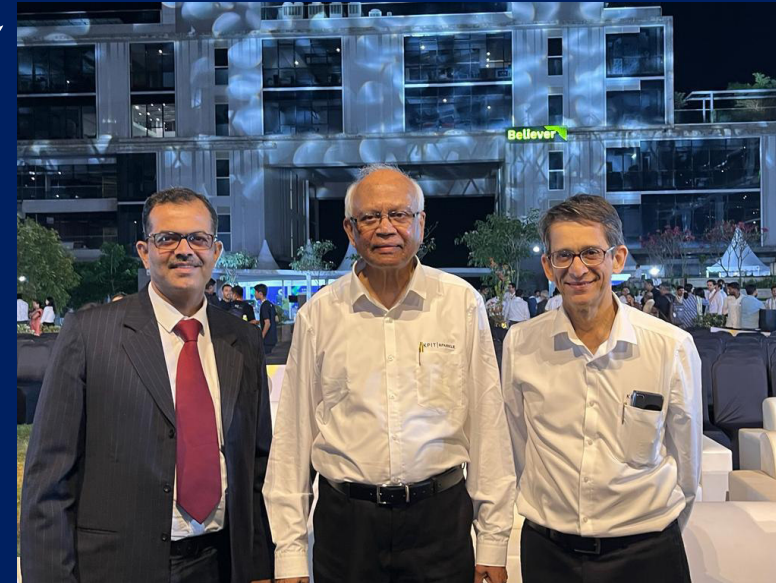




# ACHIEVEMENTS OF FACULTY



- *Dr Sandeep Bidwai, won the 'KPIT Shodh Best Thesis Award'.*



- *Dr (Mrs) Sangeeta Jadhav HOD (IT), awarded the 30th Business School Affaire and Dewang Mehta National Education Leadership Award for the 'Most Influential Professor'.*





# ACHIEVEMENTS OF ALUMNI



- Forbes Award: Alumnus Shashank Sharma is awarded the Most Successful Corporate Competition Champion, 2023 by Forbes and Unstop
- Next Generation Woman Leader Award. Alumnus Aditya Malik, Director, R&D at Dassault Systems, wins the Tech Consultancy Zinnov's 2023 Next Gen Woman Leader Award.





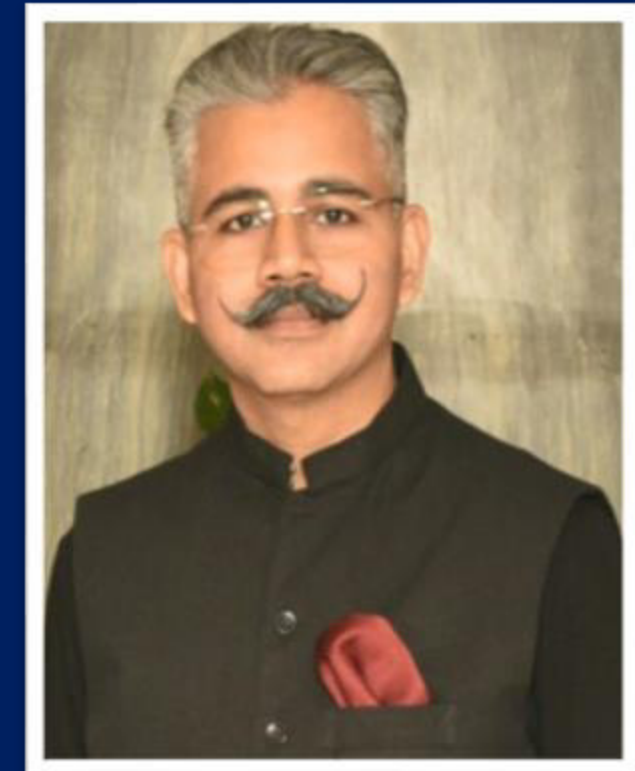


# ACHIEVEMENTS OF ALUMNI



*Zbyte, co-founded by Mr Ankush Tiwari, 2002 E&TC, raised \$4 Mn to boost Web3 Adoption across Businesses.*

*Prateek Chaturvedi, 2001 E&TC pioneered a new industry in craft beer & craft alcohol beverages. His work done became a case study for all IIMs. He has completed PhD in Govt policy and currently working as COO in Alho Corporation - World's 10th largest Alcohol Beverage Player.*





# ROADMAP AHEAD



- *Academic Autonomy to be implemented by 2025.*
- *Implementation of NEP in letter and spirit*
- *Academic Growth Plan to double of intake in next 3 years*
- *New programs - BE (Automation and Robotics), BE (AI& ML), BE & ME (Cyber security, ME (VLSI)*
- *Centers of Excellence in AI, Robotics, EV, IoT etc.*
- *Ecosystem for Start ups and Incubation*
- *Research Centers for PhD.*
- *Short term courses enhancing employment for diploma holders/ Graduates of other streams*

## *GUIDING VISION*

*“To become a "Globally Recognised" technical institute providing world class education and research facilities to the wards of Defence personnel.”*





Congratulations To The Award Winners



*A Big Thank You To All Stake Holders And Well  
Wishers*





# 30<sup>th</sup> AIT FOUNDATION DAY





# Annual Presentations Report 2022-2023





# ARMY INSTITUTE OF TECHNOLOGY



**'NAAC' ACCREDITED & ALL UG PROGRAMS NBA  
ACCREDITED**



# HISTORY & GROWTH

- July 93 - Gen BC Joshi, then chief, felt the need to have a college for higher education of Army Wards
- Classes commenced in Aug 94 . First batch 1994-1998; three streams (Comp, E&ITC and Mech)
- Formal Inauguration 24 Feb 1995
- IT Branch added in 2001. Intake Instt NAAC approved and All UG programs NBA approved.
- PG Program ME (Data Science) – Starting from AY 2022-23



## GROWTH IN INTAKE



Students strength as on date 1365






# *PLACEMENTS*



# Placements

Year	Percentage of Placements	Average CTC (Rs in Lakh)	Highest CTC incl RSUs (Rs in Lakh)
<b>2022-23 (ongoing)</b>	<b>89 (259/292)</b>	<b>14.80</b> 	<b>52.00</b>
<b>2021-22</b>	<b>97</b>	<b>14.70</b>	<b>112.14</b>
<b>2020-21</b>	<b>91</b>	<b>9.45</b>	<b>39.00</b>
<b>2019-20</b>	<b>92</b>	<b>7.30</b>	<b>39.00</b>
<b>2018-19</b>	<b>90</b>	<b>7.15</b>	<b>39.00</b>
<b>2017-18</b>	<b>93</b>	<b>5.90</b>	<b>39.00</b>

## Highlights 2022-23

Four students offered Rs 52 lakh by Dreamplug (CRED)

Eleven students are placed in Microsoft and Google (> Rs 45 Lakh)





# Tremendous Growth In Placements



- *Internships with reputed companies*
- *Guidance by alumni and peer learning (CLUB ACTIVITIES)*
- *Systematic training measures taken by T&P Cell*
- *Industry HR & Tech interactions, Value added courses by individual departments*
- *Exclusive portal <https://aitplacements.in/> and Experience sharing platform Alumni 'Anubhav'*



# STARTUPS AT AIT



Start up Name	Founders	AIT Batch	Product Details	Present Status	
<b>RS Deep Info Lab (Pvt Ltd)</b>	Rohan Datta	2020	AI, ML and DL solutions	Doing well. Turnover FY 2022– Rs 25 Lakh Working with International Clients.	
<b>Cheqit</b>	Mr. Naman Agarwal, Mr. Raj Kumar, Ms Amtul M Ahmed, Ritesh Lamba & Rishu Roy	2021 and 22	Anti counterfeit solutions using multi layered QR code	Patent filed. Product launched	
<b>MyAlmate (LLP)</b>	Mr. Manish Shakya, Mr. Mohit Kumar, Mr. Deepak Kumar, Mr. Rutvik N	2020 and 21	AI learning platform for CBSE schools (8 <sup>th</sup> – 10 <sup>th</sup> std)	Product launched, Procured by few Army schools	
<b>Momentum Robotics</b>	Mr. Deepak Kumar Yadav, Mr. Bharat Prasad Dixit, Mr. Pankaj Yadav	2020	Robotic solutions for Warehouse	300 Kg Product ready, Client interactions in process	
<b>Xefficient (Pvt. Ltd)</b>	Mr. Pitambar Panda, Mr. Priyanshu Dayal, Mr. Vishal Chaudhary	2021	Vertical axis wind turbine	Patent filed, Product under field test, Looking for manufacturing facility	
<b>Incessant Motors (Pvt. Ltd.)</b>	Sahil Uttekar and Piyush Sharma	2021; 2022	ME	Conversion of old 2 wheeler to EV bike (Retrofitted)	Product launched, Few models sold.





# *ACHIEVEMENTS*



# SPONSORED RESEARCH PROJECT



AIT in collaboration with Fortytwo Labs have bagged an ambitious Cyber Security Research Project:-

“Research, Design and Development of next generation cryptosystem to enable provable access control and authorizations”

Sponsored by

“National Security Council Sectt”

*Research grant : Rs 7.46 Cr*





# LIKELY USER AGENCIES



## USER AGENCIES – KEEN TO SIGNUP

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**Core of Signals**

Few other civilian enterprises like HDFC, SBI have also shown interest and may sign up to participate in the research.



# *Expected Outcomes*



Way to become  
**Atma Nirbhar in  
cryptosystems**

Provable **access  
control** to variety of  
digital assets (data/  
applications/  
devices).

Defense  
Establishments can  
even **move to cloud**,  
will bring in agility.

Way to achieve **data  
sovereignty** without  
worrying about  
storage

**Protection of  
Internet of Things**  
with indigenous  
cryptosystem

Can be used for  
**provable  
authorizations** (e.g.  
approvals in weapons  
systems)

There is **no practical implementation** of such system in world. It will  
give India an unparallel advantage.



# Best Academic Institution Award



AIT awarded Best Academic Institution with the Best Campus Placements, by World Education Congress on 30 Sep 2022

# HACKATHONS



**Prince Kumar Patel (TE IT) and Prakash Yogi (TE IT) secured 2<sup>nd</sup> place in the National Level Hackathon, Sainya Ranakshetram 2.0 - Capture the Flag category organized by the Military College of Telecommunication Engineering. Team felicitated by COAS and awarded with Rs 1,50,000/- on 17 Jan**



# HACKATHONS



SMART INDIA HACKATHON :  
Six students First prize Rs  
1,00,000/- 26 Aug 2022

UNESCO INDIA – AFRICA HACKATHON Shekhar K Singh BE (IT) Award from Hon'ble Vice President and Union Education Minister, on 25 Nov being part of Winning Multi-national.



Munukoti Likhit (BE) and Maneesha Ambati, (SE) are amongst 20 winning teams out of 500 in Vodafone foundation, Tech Innovation Marathon 2022.  
They won Rs 2 Lakh.

# SPORTS ACHIEVEMENTS



TABLE TENNIS : 1st position in SPPU District)



SQUASH : Six students of AIT representing SPPU

BOXING : Won one Gold and three silver in SPPU District



# ACHIEVEMENTS OF FACULTY



Dr (Mrs) Seema Tiwari, Faculty (Chemistry) has been awarded an International Excellence Award 2022 for outstanding contribution in Teaching and Research.



Dr (Mrs) Sangeeta Jadhav has been awarded with GOC-in-C Commendation Card

# ACHIEVEMENT OF ALUMNI



Mr Nitish Rai, Alumnus 2009, founder FreightFox, with Hon'able PM on 17 Sep 2022 at launch of National Logistics Policy. They were among the **four** companies to whom PM interacted 1-on-1.





# ROADMAP AHEAD



- *Academic Growth Plan to double of intake in next 3 years*
- *Increase in intake in existing programs and new programs to be introduced (BE (AI& ML), BE (Automation and Robotics), BE / ME in Cyber security)*
- *Centers of Excellence in AI, Robotics, EV, IoT etc.*
- *Ecosystem for Start ups and Incubation*
- *Research Centers for PhD.*
- *Short term courses enhancing employment for diploma holders / Graduates of other streams*

## GUIDING VISION

**“TO BECOME A “GLOBALLY RECOGNISED” TECHNICAL INSTITUTE PROVIDING WORLD CLASS EDUCATION AND RESEARCH FACILITIES TO THE WARDS OF DEFENCE PERSONNEL.”**



*Congratulations To The Award Winners*





*A Big Thank You To All Stake Holders And Well  
Wishers*

# Annual Presentations Report 2019-2020





# ARMY INSTITUTE OF TECHNOLOGY



**AIT DAY 24 FEB 2020**

**NBA & NAAC (A) ACCREDITED**



# BRIEF BACKGROUND



# THE LAUNCH



- July 93—Gen BC Joshi, then chief, felt the need to have a college for higher education of Army Wards
- New APS, Pune under construction selected as the location
- Classes commenced in Aug 94 . First batch 1994-1998; three streams
- Inauguration 24 Feb 1995







# MILESTONES



- **IT Br added in 2001. Intake 240**
- **NAAC 'A' accredited wef 2004. Current renewed till 2021**
- **All UG programs NBA approved. Current renewed till 2022**
- **PG program in Machine Design wef 11 Aug 15.**
- **Str of Cmptr br incr to 120 in 2016. Total strength 300**



# BEST PROFESSIONAL COLLEGE OF SPPU 2017



  
**सावित्रीबाई फुले पुणे विद्यापीठ**  
**प्रशस्तिपत्रक**  
 सावित्रीबाई फुले पुणे विद्यापीठाच्या गुणवत्ता सुधार बोर्डाचे संयोजित  
 वार्षिक वर्ष २०१६-१७ साठीचा  
**उत्कृष्ट महाविद्यालय पुरस्कार (व्यावसायिक अभ्यासक्रम)**  
**(शहरी विभाग)**  
 मार्ग ६, वि. कोट ऑफ देवनागरी, १  
 दि. १, पुणे-४११००५  
 प्रकाशित करणारा पत्र आहे





# SILVER JUBILEE AIT DAY : 24 FEB 19



Ms Tutu Kumari, along with her parents, receiving the "COAS, Best All round Student trophy from the GOC-in-C



AIT SONG



Mr MS Unnikrishnan, MD and CEO Thermax being felicitated with Life time achievement award



Brig DR Naidu, VSM, founding Director of AIT , felicitated by Lt Gen SK Saini, AVSM, YSM, VSM, GOC-in-C South Comd



Release of Coffee Table Book





# DEPARTMENTWISE INTAKE



## TOTAL SEATS

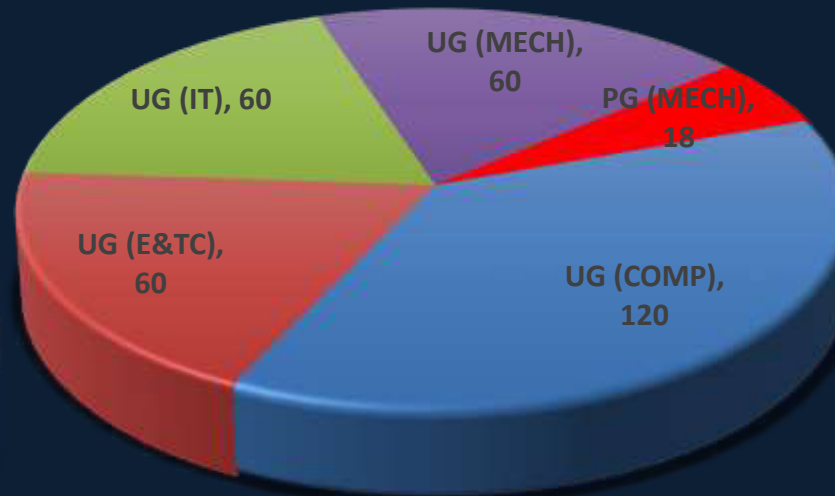
**UG : 300**

**PG : 18**

## TOTAL STRENGTH

**UG : 1302**

**PG : 12**





# ACHIEVEMENTS 2019-20



# RANKINGS



## THE WEEK

## TIMES OF INDIA

**64** - Overall Ranking  
**06** - Overall West Zone

**30** - Overall Ranking  
**06** - Overall West Zone

## NIRF

**91** - Overall Ranking  
**33** - Overall Ranking in Private Colleges  
**06** - Overall ranking in West Zone  
**03** - in Pune after COEP & DIAT

## INDIA TODAY

## DATAQUEST

**62** - Overall Ranking  
**04** - Overall West Zone

**14** - Overall Ranking  
**04** - Overall West Zone



# DATA QUEST AWARD TOP 5 PRIVATE INSTT



**Director AIT & TPO attended T School National Conference at New Delhi on 10 Jul 2019 and received an award for being ranked 5<sup>th</sup> in Top Private Engineering Colleges in Dataquest ranking.**

# PLACEMENTS

Year	Percentage of Placements	Average Salary (Rs in Lakh)	Highest Salary (Rs in Lakh)
<b>2019-20 (ongoing)</b>	<b>91(311/342)</b>	<b>7.06</b>	<b>39.00</b>
<b>2018-19</b>	<b>90(245/272)</b>	<b>7.15</b>	<b>39.00</b>
<b>2017-18</b>	<b>93</b>	<b>5.90</b>	<b>39.00</b>
<b>2016-17</b>	<b>93</b>	<b>5.40</b>	<b>24.00</b>
<b>2015-16</b>	<b>96</b>	<b>5.10</b>	<b>32.50</b>



# **ALUMNI FOR HIGHER STUDIES**



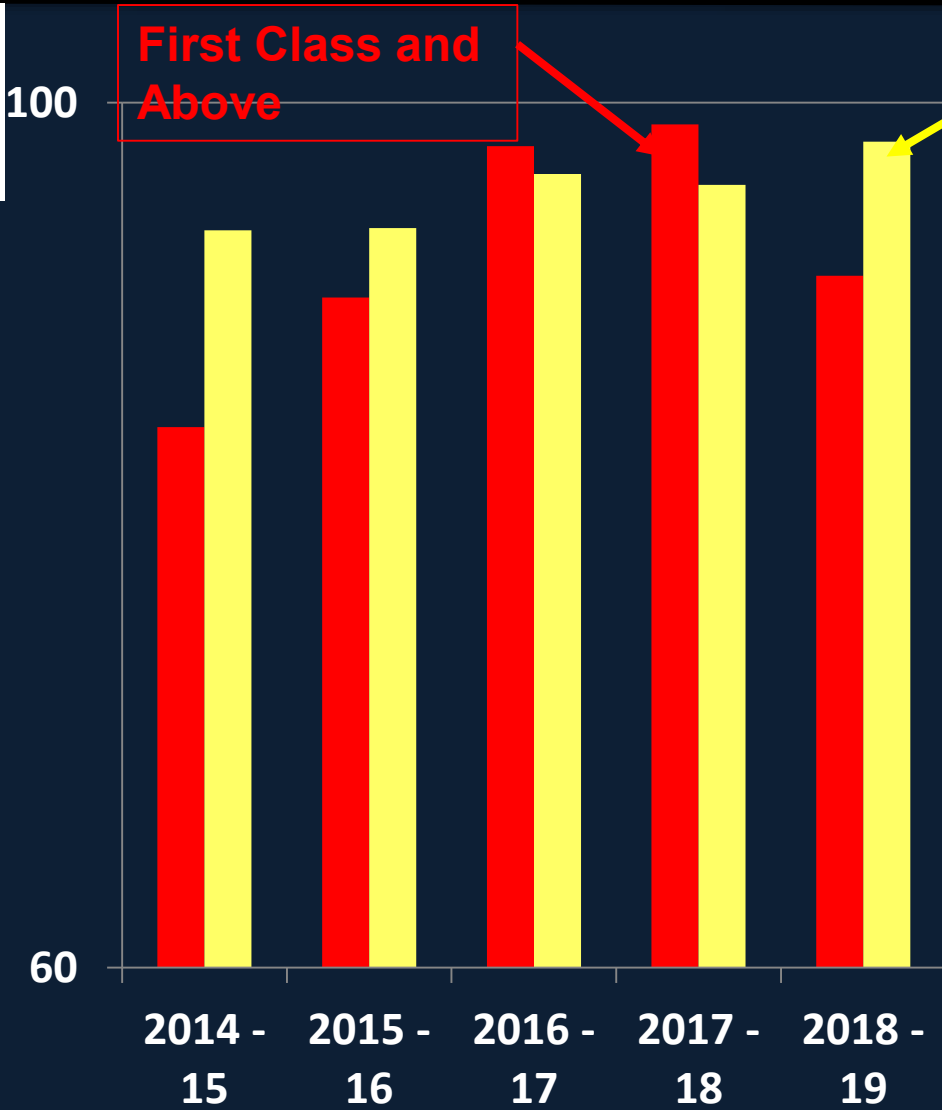
<b>Name of Alumni/Student</b>	<b>Branch</b>	<b>Passing Year</b>	<b>Details of the Course and Institute Admitted</b>
Varad Bhatnagar	IT	2018 – 19	M Tech, IIT Madras
L N Pandey	IT	2017 – 18	MS (ML and AI) IIT Madras
Anmol Porwal	E&TC	2018 – 19	MS in Communications Engineering at Technical University of Munich (2019-20)
Bikram Kr Panda	E&TC	2017 – 18	PhD at IISs Bengaluru (2019-20)
Akansha Dixit	E&TC	2015 – 16	PhD at City University of London (2019-20)
Anuj Gautam	E&TC	2016 – 17	MS at Australian National University (2018-19)
Ayush Yadav	Comp	2016 – 17	PhD at University of Texas at Dallas (2018–19)
Malika Seth	Comp	2017 – 18	MS at University of Southern California, Los Angeles (2019-20)
Tanvi Singh	E&TC	2019-20	London School of Economics MSc Marketing
Vivek Sahil	Mech	2018-19	Offers for Masters with full Scholarship in McGill University and Western University, both in Canada





# FINAL YEAR RESULTS

## PASSED & FIRST CLASS & ABOVE



Batch	Passed	First Class & above
2018 - 19	98.2	92%
2017 - 18	96.2	99%
2016 - 17	96.7	98%
2015 - 16	94.2	91%
2014 - 15	94.1	85%

Changed due to CGPA System



# BEST COLLEGE IN SPORTS – 2018-2019

(Savitribai Phule Pune University)



## Savitribai Phule Pune University, Pune Pune District Zonal Sports Committee Certificate

Awarded to *A. S. J. College, Dighi* for showing outstanding performance in sports during the academic year 2018-19 and selected as a 'Best College' from category I.

*Dr. Bharat Bhagoal*  
Secretary  
Pune Districts Zonal Sports Committee

*Dr. Ramesh Gaikwad*  
Member  
Bord of Sports  
SPPU, Pune

*Dr. Sanjay Chakane*  
President  
Pune Districts Zonal Sports Committee

BEST COLLEGE IN PUNE DISTRICT







# STUDENT ACHIEVEMENTS : NEC HACKATHON IIT DELHI 11 -12 JAN 20



- ✓ 1st Prize. Anirudha Murali, Swastik Shrivastava, Rajat Rawat & Rohan Chaugule (All AIT Alumni).
- ✓ 2nd Prize. Shailesh Sahu, Shivam Kumar, Arpit Mishra & Shivam Singh (All TE - Comp).
- ✓ 3rd Prize . Sagar Vats and Ashok Singh (TE - Comp).



## AIT teams win top three prizes at IIT Delhi hackathon

EXPRESS NEWS SERVICE  
PUNE, JANUARY 14

STUDENTS OF Army Institute of Technology (AIT) created history at the NEC Hackathon held in IIT Delhi, by winning the top three prizes.

Drupple, an AIT alumni team

(Swastik Srivastava, Rohan Chougule, Rajat Rawat and Anirudh Murali), won the first prize of Rs 2.5 lakh; followed by WeCode, a team third-year students (Shailesh, Arpit, Shubham, Shivam), who won the second prize of Rs 1.5 lakh; and Centillion, another third-year team (Sagar and Ashok), who won the third

prize of Rs 1 lakh. The hackathon was organised by NEC Corporation in collaboration with Common Service Centers (CSC) of the Ministry of Human Resource Development (MHRD), Government of India (under Digital India). The theme was 'Digitisation of rural education'. Teams of four members of

any age group were allowed to compete. More than 4,000 participants, including students from IITs/IIITs/NITs, and expert programmers from corporates took part in the competition. After an online round in December 2019, in which only 40 teams were shortlisted, the final round was held on Jan 11 and 12 at IIT Delhi.

According to a press release, the AIT had seven of its eight teams in the final round. AIT teams have been trailblazers at national hackathons over the past three years by winning many competitions such as TCS-PAN IIT Hackathon, Barclays Hackathon, VISTARA Aviation Hackathon, H-Acko Hackathon,

Hackearth Adcat, NSE Hackathons, among others. The AIT has vibrant technical clubs such as open source club (OSS Club) and competitive coding club, where students learn from the club in-charge faculty members, Prof Anup Kadam and Prof MB Lonare and senior students.



# STUDENT ACHIEVEMENTS : FIRST PRIZE VODAFONE-IDEA HACKATHON 16 FEB 20



## WINNERS OF RS 2 LAKH FIRST PRIZE

Shailesh Sahu, Shivam Kumar, Arpit Mishra & Shubham Singh Singh (All TE - Comp).

### GOLDEN WIN

THIS WIN MARKS 50<sup>th</sup>  
HACKATHON PRIZE FOR AIT  
TEAMS

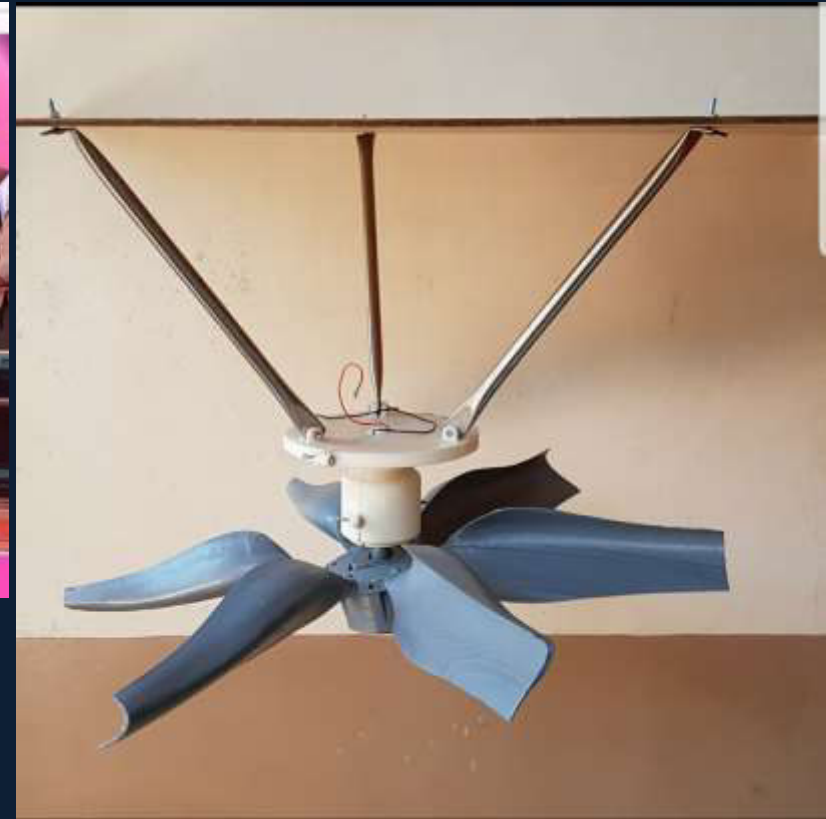
2015 : 2  
2016 : 3  
2017 : 10  
2018 : 12  
2019 : 18  
2020 : 5 till dt  
Total : 50







# KPIT SPARKLE : ANNUAL INNOVATION CONTEST



Shivam Mishra and Sachin Dwivedi won **Platinum Award of Rs 10 lakh** for Vertical Axis Turbine Model Project in the National Competition, KPIT Sparkle. on 24 Feb 19.





# STUDENT ACHIEVEMENTS : GO-KART DESIGN



AIT Team of 25 students participated in the National GO-KART competition in Jalandhar, and won the “TUG-OF-WAR” contest and the prestigious “Best Design” prize.



Lt. Col Bharat Pannu, an alumnus of 2005 batch created a Guinness World Record, being fastest Cyclist ever to ride from Kashmir to Kanyakumari for a distance of 3600+ in 8 days 9 hours and 48 mins (21 Oct to 29 Oct 2019).



Iron Man Triathlon. Simran Sangha (2006 passout) had completed 4 km swimming, 180 km Cycling and 42 km Running in One Go at Louisville city of Kentucky, USA on 13 Oct 2019.



Aditya Singh (2018 passout (E&TC) – Presently working with Microsoft) won Microsoft Hackthon 2019.



A way to bring peace of mind — and sleep — to parents whose children suffer seizures wins...  
news.microsoft.com



# RECENT INITIATIVES





# ACADEMIC INITIATIVES



- **IoT Training and CoE**
- **Robotics, AI & ML CoE**
  - **Training Workshops for 22 APSs 08 Jun to 13 Jun**
- **Campus Radio Club**
- **Information Security and Digital Forensic Club**



# INFRASTRUCTURE PROJECTS



- **Sarabhai Hostel**
- **Green cover for Football Ground**
- **Rain Water Harvesting**



# THE FUTURE



- **Need to upgrade to “Globally recognized Institute”**
- **Autonomy and Multidisciplinary courses**
- **Centers of Excellence**
- **Industry oriented PG courses**
- **Ecosystem for Start ups and Incubation**





**A BIG THANK YOU TO ALL STAKE HOLDERS  
AND WELL WISHERS**



**JAI HIND**

# Annual Presentations Report 2017-2018





# ARMY INSTITUTE OF TECHNOLOGY



**AIT DAY 24 FEB 2018**

**NBA & NAAC (A) ACCREDITED**

**ISO 9001: 2008 CERTIFIED INSTITUTE**





सावित्रीबाई फुले पुणे विद्यापीठ  
(पूर्वीचे पुणे विद्यापीठ)

६८ वा वर्धापनदिन समारंभ

मा. श्री. ३  
अध्यक्ष



दिनांक

**AIT-Best Professional College (Urban) – 2017**  
**Savitribai Phule Pune University**

7-Aug-24

Director, AIT



# PREVIEW



- **College and Student Achievements**
- **Industry Connect & Visits**
- **Recent Initiatives**
- **Future Plans**





# Students in Hostel



Ser No	Type of Hostel	Type of Room				Total No of Rooms	Capacity	Occupancy
		S (72 Sq ft)	D (144 Sq ft)	T (232 Sq ft)	F (298 Sq ft)			
1.	Boys Hostel	326	16	194	04	540	964	964@
	TB II (Boys)					06	48	30
2.	Girls Hostel	12	06	49	02	69	179	160
3.	Grand Total	338	22	243	06	615	1191	1154



# ACHIEVEMENTS



# RANKINGS



<u>Agency/ Survey</u>	<u>Overall Ranking Including IITs and NITs</u>			<u>Ranking in Private Colleges</u>			<u>Ranking in West Zone</u>		
	2017	2016	2015	2017	2016	2015	2017	2016	2015
The Week	80	79	77	31	32	29	6	6	6
Outlook	64	62	62	44	38	35	9	9	9
Dataquest	42	47	72	--	30	53	--	6	6
NIRF	<u>77</u>	-	-	38	-	-	10	-	-

- Aspiring Minds (AMCAT) employability Test: In top 10 % in India for three years running





# ACADEMIC RESULTS



# Overall Result



<b>Batch</b>	<b>2014 – 15</b>	<b>2015-16</b>	<b>2016-17</b>
<b>First Yr</b>	<b>98.9%</b> <b>(90.1%)</b>	<b>99.67%</b> <b>(78.26%)</b>	<b>99.42%</b> <b>(89.10%)</b>
<b>Second Yr</b>	<b>99.6%</b> <b>(90.1%)</b>	<b>98.96%</b> <b>(82.83%)</b>	<b>100%</b> <b>(73.94%)</b>
<b>Third Yr</b>	<b>97.0%</b> <b>(84.3%)</b>	<b>96.38%</b> <b>(83.78%)</b>	<b>97.68%</b> <b>(86.10%)</b>
<b>Final Yr</b>	<b>94.2%</b>	<b>94.18%</b>	<b>96.70%</b>

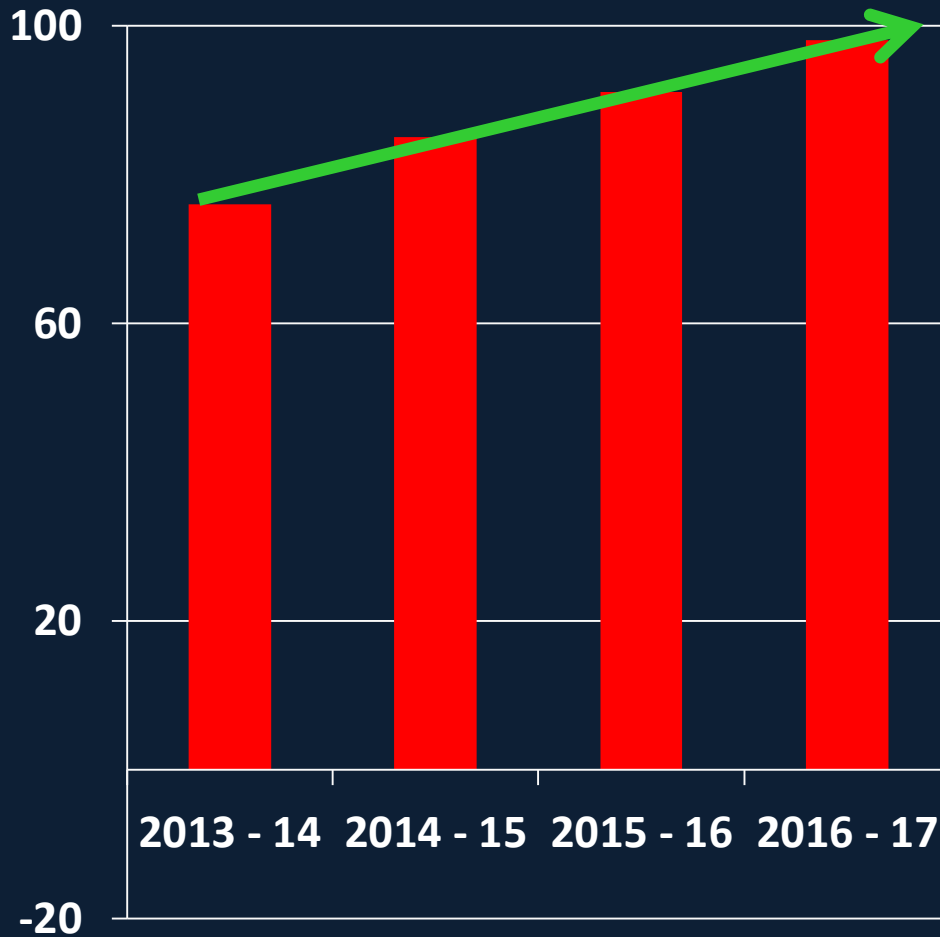
## Legend



# Final Year Result : First Class



## Result



Batch	First Class & above
2016 - 17	98%
2015 - 16	91%
2014 - 15	85%
2013 - 14	76%





1.	13-14	Sanjay Kumar	TE	IT	IV
2.	13-14	Rahul Ranjan	BE	Mech	V
3.	13-14	Lavpreet Sharma	BE	Mech	X
4.	13-14	Pooja Rai	BE	E&TC	X
5.	13-14	Agrima Seth	SE	IT	II
6.	13-14	Chirag Nagpal	SE	Comp	VIII
7.	14-15	Sanjay Kumar (2008)	BE	IT	I
8.	14-15	Gayatri Bisht (2008)	BE	Comp	X
9.	14-15	Shailiza Mayal (2008)	BE	E&TC	II
10.	14-15	Ashutosh Tripathi (2008)	BE	E&TC	X
11.	15-16	Meenakshi Kumari	TE	IT	III
12.	15-16	Rituraj Singh	TE	Comp	III
13.	15-16	Neha Ayushi Taneja	TE	Comp	VIII
14.	15-16	Anurag Mishra	TE	Comp	X
15.	15-16	Monalisha	TE	E&TC	VIII



<u>Ser No</u>	<u>Event</u>	<u>Result :Inter Zonal</u>	<u>Remark</u>
1	Table Tennis Girls	Runner Up	-
2	Swimming Boys	Indiv-1.2.3 Team-4*50 relay 1 <sup>st</sup> 4*50 IM relay-3 <sup>rd</sup>	4 Students Selected for Inter Zonal Level
3	Swimming Girls	Indiv-1.2.3 Team- 4*50 FS relay -1 <sup>st</sup>	4 Students Selected for Inter Zonal Level
4	Volleyball Girls	2 <sup>nd</sup> Runner Up	2 students selected for Inter Zonal
5	Volleyball Girls	Runners up in MIT summit	
6	Lawn Tennis Boys	1 <sup>st</sup> place	Selected for Inter Zonal Level
7	Squash Boys	Winner	2 boys representing SPPU
8	Squash Girls	Winner	3 Girls representing SPPU
8	Volley ball Girls	Runner up	
9	Badminton Girls	Winner	Two girls represented SPPU
10	Basketball Girls	Winner	One girl represented SPPU



## Proud Placement Facts

93

**Placement Percentage**  
93 % Candidates of 2017 Batch have been placed.

5.4

**Quality**  
Average salary for entire batch is Rs. 5.4 LPA.

79

**Excellence**  
79 % Candidates placed in Core High End Technology Firms. (Product IT, Consulting, Analytics, Manufacturing & Telecom).

5

**Top Placements**  
Top Five Highest packages Offered this year are 24.0, 21.0, 17.0, 15.0 & 13.0 LPA.

76

**Range**  
76 Industries visited for campus.

68

**Single largest recruiter**  
Tata consultancy Services (TCS).

82

**Consistency**  
82 % Recruiters are repeat Clients.

3

**Rank**  
AIT is considered in Top 3 Ranks in Pune University for Placements.





- **Total Placements already carried out 254/283 (90%)**
- **Average CTC Rs 6.00 Lakh PA**
- **Highest CTC Rs 39 Lakh PA, Microsoft (five students)**
- **Number of Industries visited - 55**
- **Ranking in placements in Pune region – 3**



<u>Month / Year</u>	<u>Event</u>	<u>Students</u>	<u>Position</u>
Jul 2017	Rajkot (Govt of Rajasthan) Hackathon	Parm Vir Singh, Ranjeet Shukla, Sandesh Salunke, Salinder Singh Shristi Sachan	Second
		Rajat Rawat, Shivam Singh, Utkarsh Mishra, Sudesh Joshi Neha Jevan	Third
Aug 2017	IIT Guwahati Robotics Escalade Nautilus	Avinash Bahmu Subhash Chandra	Third
Sep 2017	John Deere	Prashant Tiwari Priyanka Shewale	Finalist
Sep 2017	PICT Tech Festival	<u>MAD</u> Yogendra Sharma	Second
		<u>Business Plan</u> Mandeep Singh	Second
Sep 2017	Rotary club Debate competition	Aparna Choudhary Nilanjan Mitra	First
Sep 2017	COEP MINDSPARK	<u>Code Junkie</u> G Sairam Reddy Srinivas Reddy	First

# STUDENTS ACHIEVEMENTS

<u>Month / Year</u>	<u>Event</u>	<u>Students</u>	<u>Position</u>
Sep-Oct 17	TAD Hack Global	Shubham, Prithvi, Somesh, Salil, Ravleen	First
Oct 17	Facebook Digital Masala Challenge Guwahati	Nishant Gore, Salil Gautam, Shubham Verma (all Comp Dept)	First. \$ 5000 cash
Oct 17	Vistara Aviation Hackathon	Nishant Gore, Salil Gautam, Shubham Verma (all Comp Dept)	First, Samsung smartphone and other hardware
Oct 2017	VIT Tech Festival	Sachin Dwivedi Shivam Mishra	First
Jan 2018	Combined Defence Services Exam	Noyonika Binda	3 <sup>rd</sup>
Feb 2018	CSI : TECHNEXT	Vignesh Tiwari Prabhat Sharma	Best Student Project Prize



# STUDENTS NSS ACTIVITIES

1. Blood Donation - Two blood donation camps were conducted on 04 Oct 2017 and 18 Jan 2018 along with AFMC. 100 students participated.
2. Rotary Youth Leadership Program (RYLA) 18 to 20 Aug 2017 - Eminent personalities conducted workshops and lectures.
3. NSS Camp (Khamgaon) 05 to 11 Jan 2018 - Activities like making a small bund, repairing village roads, cleanliness drive, Shivneri Fort restoration, teaching in schools were carried out by 43 students who participated.
4. Cyclothon 17 Sep 2017 - Faculty and students participated in cyclothon organised by SPPU. Students completed 12 km circuit and faculty 22 km.
5. Street Play 22 Sep 2017 - AIT Students participated in Street Play competition and stood 4<sup>th</sup> among 70 participants.
6. Donation to Orphanage 28 Dec 2017 - Students and Faculty collected donation and distributed gifts to the inmates of Mai Bal Bhavan, school for blind.
7. Independence / Republic Day 15 Aug 2017 & 26 Jan 2018 - Independence Day and Republic day were celebrated with peace march.

# STUDENTS NSS ACTIVITIES



Blood Donation Camp 18 Jan 2018



NSS Camp 05 to 11 Jan 2018



Cyclothon 17 Sep 2017



RYLA 18 – 20 Aug 2017



Republic Day 26 Jan 2018



Independence Day 15 Aug 2017

## PhD

- Prof Sunil Dhore, Comp
- Prof Pritee Purohit, Mech
- Prof Rahul Desai, IT
- Prof NK Bansode, Comp
- Prof Harjeet Kaur, E&TC



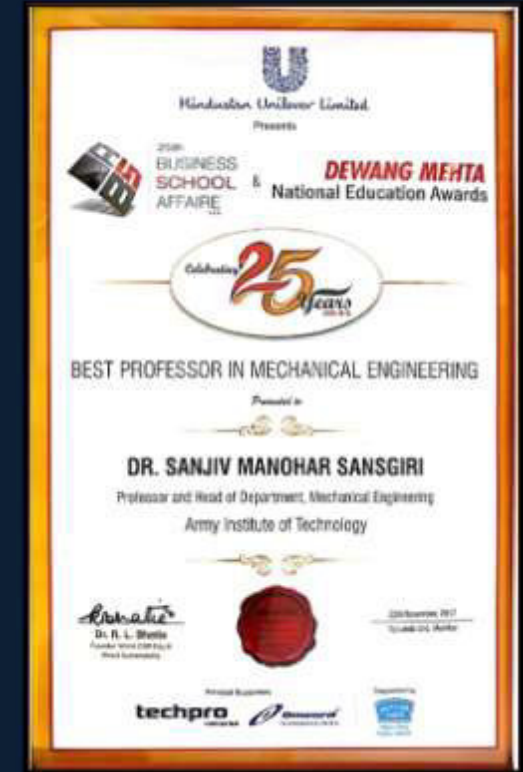
# ACHIEVEMENTS : FACULTY & STAFF



Prof Manoj Khaladkar, TPO  
GoC-in-C South Comd Commendation  
15 Aug 17



Prof Manoj Khaladkar, TPO,  
Best TPO : CSI, Western Region  
11 Feb



Prof SM Sangsiri, HoD Mech  
Dewang Mehta award for Best Professor in Mech Engg



# INDUSTRY CONNECT & VISITS





## Internships/ Projects/Sponsorships/Workshops/Campus connect

- TCS
- Edelweiss Finance
- 3 DPLM – Dassault Systemes.
- Forty Two Labs
- ZS Associates
- Persistent Systems
- Schaeffler India
- SKF
- L&T
- Deloitte
- John Deere
- Badve Engineer
- HSBC India

**CII and MCCIA corporate Membership**



- **Manu Parpia 3DPLM, Dassault Systemes**
- **Dr SM Ali, Director IE**
- **Dr Nitin Karmalkar, VC SPPU**
- **Dr Ganesh Natarajan, Founder Chairman 5F World**
- **Commodore CD Balaji(Retd), Ex-Program Director LCA**
- **Mr Preetpal Singh, Hashmap(USA), Alumnus**
- **Mr Satish Gokhale, Design Directions**
- **Mr Vikram Sareen, Blue Bricks(Aus), Alumnus**
- **Mr Vivek Sawant, MKCL**
- **Dr Parag Kulkarni, CEO and Chief Scientist, iKnowledge Research Labs**
- **Dr Sunil Shende, University of Berkeley**
- **Shri Milkha Singh, Padmashree awardee**

# GLIMPSES



Dassault Systemes (Formerly, 3 D P L M Software) has set up a Product Innovation Lab at AIT. Mr. Thierry Chevrot, Head Global Expert Academia Programs had visited to see the progress of this facility.



Visit by Chairman, 3DPLM Mr Manu Parpia on 01 Sep 2017



L&T Campus Connect



MoU with SKF 15 Nov 17 : CII Initiative



# GLIMPSES



Mr Satish Gokhale : Design Directions



Dr SM Ali, Director Institute of Engineers



ZS Associates : Workshop

# ALUMNI : BRAND AMBASSADORS



**Dr Ganesh Natarajan, during Alumni meet 2017**



**Alumni Meet : 23 Dec**



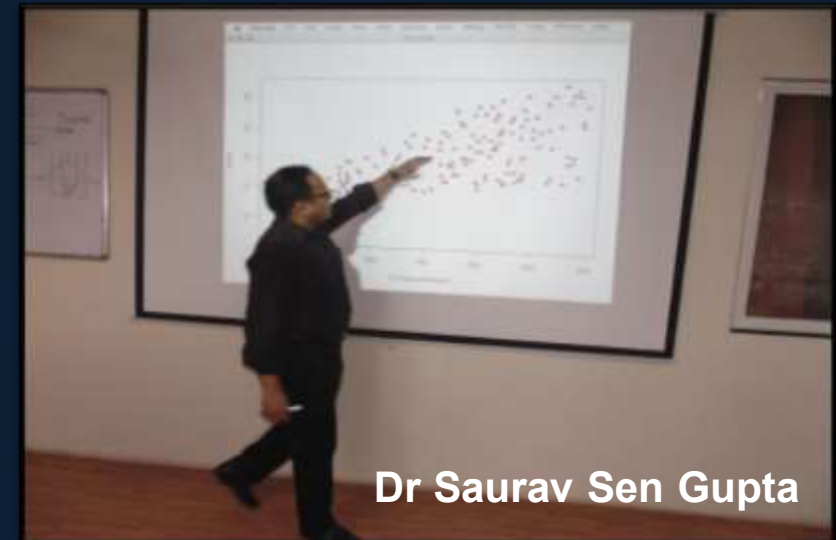
**Alumni Interaction : Vikram Sareen:  
Bluebrick**

**ALUMNI MEET 2017**



**Preetpal Singh Alumni and Entrepreneur  
Hashmap Tech., US**

# FDP ON MACHINE LEARNING AND DEEP LEARNING







**VISIT OF VICE CHANCELLOR, DR NITIN KARMALKAR  
Inauguration of Lab FT42-AIT**

# TEDX EVENT : 11 FEB 18



Mavericks of the Millinium



Director, AITP



# MILKHA SINGH AT AIT : 18 FEB 18



7-Aug-24

Director, AIT

35





# RECENT INITIATIVES



# RECENT INITIATIVES



- **ERP Implementation.**
  - **Internships , specialized trg and Projects.**
    - **Base Workshops**
    - **Forty Two Labs**
    - **MKCL KliC Center**
    - **3DPLM Dassault Systemes :-internships, labs and Certification**
    - **GATE academy coaching commenced Jan 18.**
  - **Video Conferencing Facilities**
  - **MoU with IIT Bombay. AIT is now a remote center .**
  - **Skill development course on IoT under PMKVY.**
- Batch of 25 Students.**



# RECENT INITIATIVES



- **Zero Garbage and Green Campus Initiative**
- **Boundary Wall**
- **New 400 m athletics track near boundary wall**
- **RO plant for hostel**
- **New restaurant**
- **Additional hostel accommodation in Mess block**





# FUTURE PLANS



# FUTURE PLANS



- 1. Academic Autonomy by 2019-20. BoG approval awaited**
- 2. Centre for Excellence in Machine Learning in collaboration with CDAC. Similar Center for IOT and Robotics**
- 3. IEEE International Conference in Year 2019.**
- 4. Make “incubation centre” as start-up hub.**
- 5. Proposal for increase in intake—Lateral entry and E&TC to 120**
- 6. Expansion of Hostels in Phases. Capacity upto 1400 plus.**



# Jai Hind