Onward to Glory

ARMY INSTITUTE
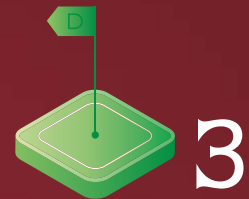# OF TECHNOLOGY, PUNE

ACCREDITED WITH GRADE
A
NAAC

Placement Brochure
2021-22

	National Rankings 2021	National Rankings 2020
Pune Region	3	3
West India	6	6
Dataquest	23	14
India Today	56	63
The Week	43	50
NIRF	139	109
Career 360	AAAA	
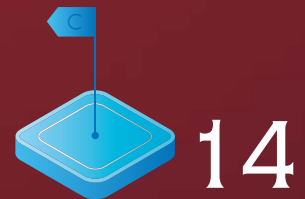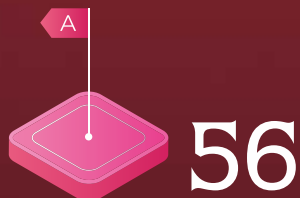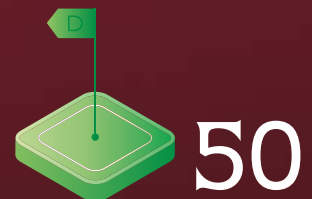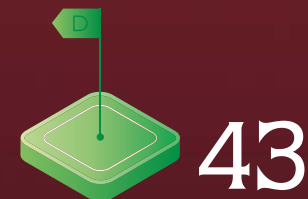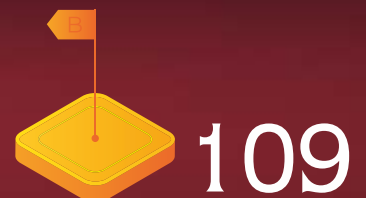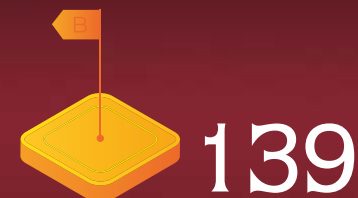
ARMY INSTITUTE OF TECHNOLOGY

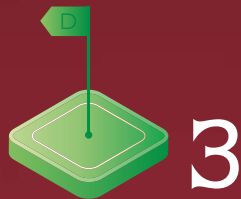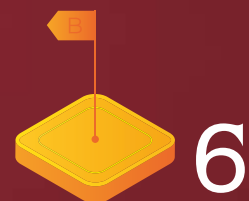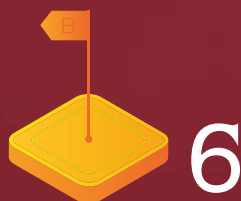**(For Children of Regular Army Personnel / Army Ex-Servicemen / Wards of War Widows only)**

ACCREDITED BY NAAC (Grade A) & NBA for all departments

PERMANENTLY AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVERSITY

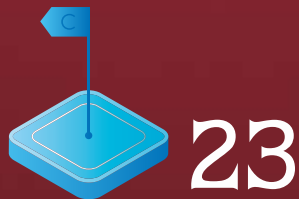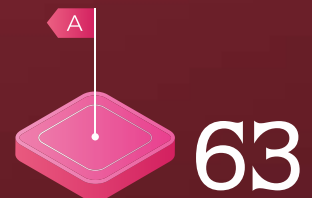|		
Lt Gen JS Nain, AVSM, SM GOC-in-C, HQ Southern Command Patron-in-Chief	**Lt Gen Arvind Walia** COS , HQ Southern Command Patron	**Maj Gen Vivek Dogra** CSO, HQ Southern Comd Chairman
Brig. Abhay A Bhat, (Retd) M Tech, MPM, B Tech, FIETE Director	**Col. MK Prasad,** M E (Structural Engineering) Joint Director	**Dr B P Patil** B E, M E, PhD (Electronics Technology) Principal

"Rajput Regiment Innovation Trophy"
(Nk Jadunath Singh, PVC (P) Memorial Trophy – Academic Excellence)
for Best Project by Lt Gen CP Mohanty, AVSM, SM, VSM

"Excellence in Placements"
Brig Abhay A Bhat, Director AIT & Prof MS Khaladkar, Training & Placement Officer
Receiving Dataquest Award at New Delhi

01

A I T
at a glance

STATUS
- ú Established in 1994 by AWES
- ú For Army wards only
- ú 100% intake on Merit in JEE Main
- ú AICTE Recognized, Affiliated to SPPU
- ú NBA, NAAC (Grade A)

USP of AITians
- ú Strong Analytical Skills
- ú Excellent Team players
- ú Adaptability
- ú Discipline
- ú Good communication skills

SPECIAL FEATURES
- ú High Quality intake purely on JEE (Mains) merit
- ú 30 acre green campus
- ú Residential institute with all facilities
- ú Emphasis on experiential learning
- ú Special emphasis on all round development of students
- ú Many green initiatives including massive tree plantation, Rain water harvesting, Solar plant (340 KWH), solar water heaters, Passive STP, solar street lights

ACADEMICS
- ú Excellent faculty with Ph.D. and Research Facility
- ú Noteworthy patents filed by faculty & students
- ú Active Industry Interface with internships and sponsored projects

INDUSTRY CONNECT
Industry Sponsored Labs
- ú Dassault Systemes
- ú Texas Instruments
- ú Nvidia
- ú IBM
- ú Agreeya Mobility
- ú Phytec
- ú FT 42

FUTURE PLANS
- ú Upgrade to global recognised Institute
- ú Autonomy and multi-disciplinary courses
- ú Industry oriented PG courses
- ú Centers of Excellence (AI, Robotics, IoT)
- ú E Vehicles and Green Technologies
- ú Ecosystem for Startups and Incubation

PLACEMENTS
- ú Consistent above 90% placements with high CTC
- ú 80 Leading industries are prominent recruiters
- ú Alumni in high positions Globally
- ú Large number commissioned in Armed Forces
- ú Intensive personality

SCHOLARSHIPS
- ú TATA Merit
- ú Express Readers (South) Merit
- ú Horizon
- ú Badve Industries
- ú Udchalo
- ú Hashmap
- ú Leela Poonawala Foundation

02

SKILL SETS, COMPETENCIES, STRENGTHS

MECH UG(60) PG(18)

- ú Design, Thermal and Manufacturing
- ú Industry Oriented Problem solving techniques and tools training
  - Ø CAD Tools: CATIA, Pro/Engineer, AutoCAD, CADIAN
  - Ø CAE/FEA/CFD Tools: HyperMesh, OptiStruct, RADIOSS, ABAQUS, NASTRAN, ANSYS, Pro/Mechanica, STAR CCM+, ANSYS/Fluent
- ú Hands-on and well rounded talent
  - Ø Internship focus: Tata Technologies, Mahindra, BHEL, DRDO, Garrett Motion, St Gobain
  - Ø Competitions winners: KPIT-SPARKLE, Forbes Marshall, DassaultSystemes, SAE (BAJA, SUPRA, GO-Kart), AAKRUTI, AOC

E&TC UG(120)

- ú Analog & Digital Electronic Circuit Design
- ú Analog & Digital Communication Systems
- ú Embedded & VLSI Systems
- ú Software Development & Visualization
- ú Electronic Design Automation Software
- ú Simulation Software
- ú Internet of Things
- ú Robotics

IT UG(60)

- ú Internships in various well known companies like Microsoft, Persistent, Credit Suisse etc.
- ú Writing Technical papers in National and International journals and conferences
- ú Winners of national level project competitions - Hackathon and contests like NIC (National Innovation contest by AICTE)
- ú Technically sound in subjects like DBMS, Data Structures, Machine learning and Networking

COMP UG(120)

- ú Very Good in Competitive coding
- ú Algorithmic design and problem-solving using data structures
- ú Project development and Software Engineering
- ú Data science , AI/ML courses.
- ú Exposure to niche area like Cyber security, cloud Computing etc..
- ú Good exposures to open-source technologies
- ú Industry exposure thru internships.
- ú Good Communication skills.

- ú Hackathon winners at national level and industry-based Hackathons
- ú One team recommended at world level ACM ICPC coding competition
- ú All the students are in Distinctions.

03

ARMY INSTITUTE OF TECHNOLOGY, PUNE

FIVE PILLARS OF OUR GROWTH

Skillsets, Projects & Industry Exposure

E-Cell & R&D Labs

Academic Excellence & Research

Awards & National Recognition

Strong Alumni Network
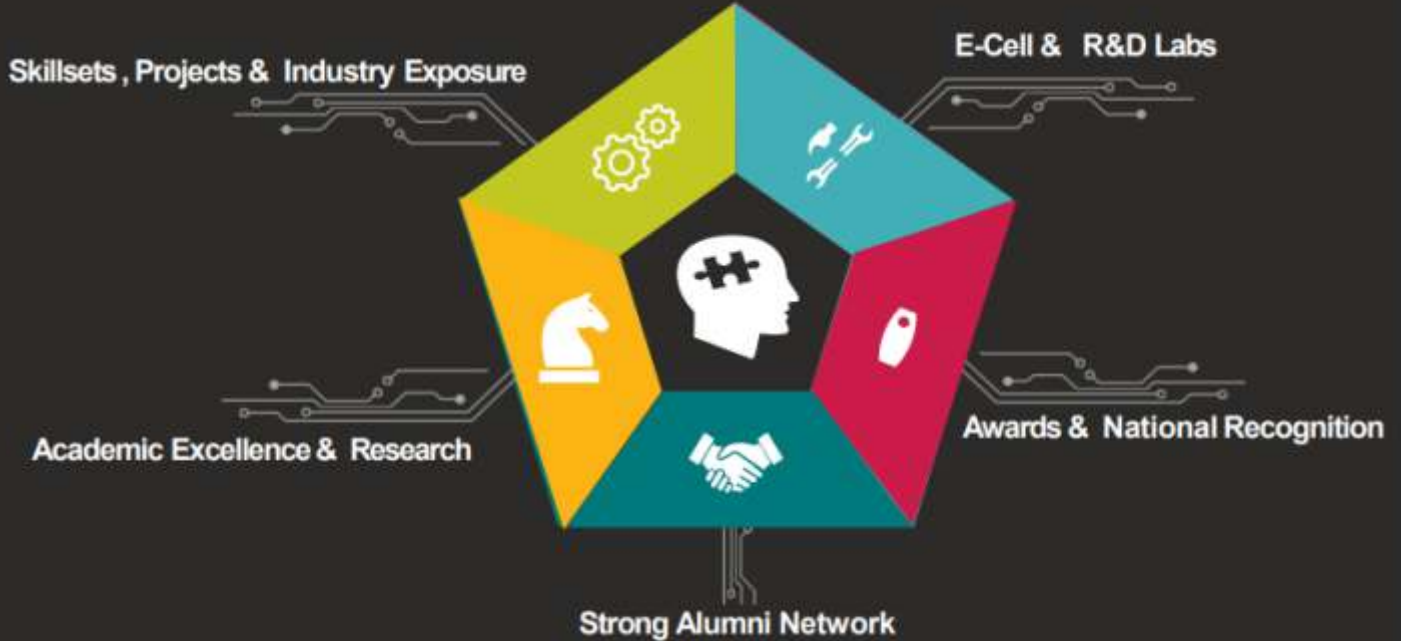
Aligning with Industry 4.0

Core Electronics (Hardware & System Design)	Software Programming	Latest Cum Niche Technologies
• Circuit Designing, Assembly Simulation(using Proteus and Multisim). • ROS & MATLAB Programming. • Microcontroller Knowledge :System Design, Building Application Embedded C Programming (8051,AVR,PIC, ARM based) • PID Tuning and Drone • Aviation.	• Android App Dev. Using Java, Kotlin. • Full Stack Web Dev • Highly Proficient in C/C++, Data Structures .	• Machine Learning & Deep • Learning algorithms. • Computer Vision (Open CV) • IoT & Sensor Technology • Robot Design . • Cloud Services (AWS,Azure,GCP). • Information Security (PEN Testing , Vulnerability Assessment , Bug Hunting)for websites & android apps. • RPA • Image & Speech Processing.

MESSAGE FROM THE DIRECTOR

Brig Abhay A Bhat (Retd)
M Tech, MPM, B Tech, FIETE

Past 18 months have been unprecedented in the history of mankind. Education has been one of the most affected sectors, where the entire community of students were away from the campuses, remained locked up at their homes and were being delivered education only through online means. It has been challenging not only for the students, but also for the faculty and management of AIT. AIT faculty and students, both rose to the occasion and responded outstandingly. They have willingly and innovatively adapted to the new normal. Teachers ensured that all teaching activities including virtual labs, projects, assignments etc continue to be performed in a timely manner, while the students themselves kept the AIT spirit going, through plethora of online activities and competitions.

Over the last 27 years AIT students have developed a reputation of academic brilliance, entrepreneurial spirit, well rounded personality as well as being socially responsible citizens. Our well networked alumni amply exhibit these characteristics of a typical AITian. We have over 50 successful alumni entrepreneurs and many others assuming leadership rules in Industry in India and abroad. Few of these alumni have been closely associated with the AIT entrepreneurship Cell. You will find a small section in this brochure. about this E-Cell which has launched a mission to encourage and promote students start ups in last two years.

Despite the lockdowns and members of competing teams, spread over all parts of the country, AIT students continued to win competitions, hackathons and individual accolades. AIT has maintained a very high position in national rankings and attract industry leaders to the campus. For that matter our performance in campus placements for the 2020-21 batch has exceeded our own expectations with over 91% placements and an average salary jump to over Rs 9.45 Lakh. It is for the first time in our history that Microsoft has recognized our students' potential, assuring placements to six of them, and interning more than ten from the batch of 2021-22.

During these challenging times our industry partners stood firm in support of us and showed tremendous flexibility by conducting all the placement and related activities online. Many of them also conducted training sessions for our students online, which immensely benefitted them. We thank them for such initiatives and are convinced that such collaboration is mutually beneficial and AIT will remain strong in its resolve to march "ONWARD TO GLORY"

ARMY INSTITUTE OF TECHNOLOGY, PUNE

MESSAGE FROM THE PRINCIPAL

Dr B P Patil
BE, ME, PhD (Electronics Technology)

AIT has been always ranked in Top 100 colleges by various ranking agencies. AIT is one of the best private professional colleges under the umbrella of Savitribai Phule Pune University. Institute done very well at various front due to the insignificant contribution and efforts of staff, management and students.

Students of AIT are one of the preferred candidate by industry because of the nature of adaptability, strong communication skills and agile in nature. Institute takes various steps to imbibe best personality and leadership skill in students by conducting various required sessions.

For all round development of students' number of event related to co and extra-curricular activities are conducted in AIT. As result of this students are bringing laurels in number of Hackathons, technical competitions and in sports at national level. Students are encouraged to do internship, which help them to be ready for day one commitment industry.

AIT is always willing to interact with industry and outside world. This helps institute to bridge the required gaps. Institute has done number of MoU with industries and institution of repute.

During this pandemic all staff and student shown wonderful performance inspite of several difficulty, this shows the capability of institute and students to do well in difficult situation also.

Onwards to Glory !

MESSAGE FROM THE TRAINING & PLACEMENT OFFICER

Prof M S Khaladkar
M.E. Electronics

Dear Corporate,

It's about a year and a half …we are fighting with this pandemic .When last year's campus placements were started, we had doubts in mind about the future of 2021 batch. However, it was completely a turn around. Because of your continued support and faith on AIT, a brilliant performance by the candidates, the skill sets acquired over four years by exploring themselves and finally the efforts taken by the institute gave us fantastic results. We registered 91% placements with average salary of 9.45 LPA and Median Salary of 7.6 LPA. This is the highest achievement in the history of AIT.

When the Going gets Tough …… The Tough get Going.

The challenge is not over yet and it looks that this year will also see a virtual campus process across all the domains. Last year 20 new and well honored industries visited the campus taking the tally to 80 employers.

Excellent Campus placements is the sum total of many factors like training, reaching out to maximum industries, connecting for suitable and valid cause, establishing a long term connect with Industry through multiple avenues. Though we are trying our best, it is a humble request to come ahead and suggest an innovative approaches and methods to collaborate for mutual benefits.

We at AIT, are committed to build the young careers with innovative mind set , high technical skills and right approach in behavioral thinking .

You are requested to reach out to us for the future interaction and we are confident …Together , we can do the Best for the wards of Army persons and helping India to be ahead in the post pandemic era !

Onward to Glory and Jai Hind !!

Certificate of Achievement

Dale Carnegie Digital Proudly attests that

Manoj Khaladkar

has successfully completed

The Dale Carnegie Program on Training Excellence

2021-04-23

President and CEO

Dale Carnegie

ARMY INSTITUTE OF TECHNOLOGY, PUNE

7.30 — Average Salary in LPA
6.50 — Median Salary in LPA
39.00 — Highest Salary in LPA

69 Number of Industries Visited

123 students placed above 7.30 LPA

Branchwise Placements

Computer	E&TC	IT	Mech
99%	91%	97%	74%
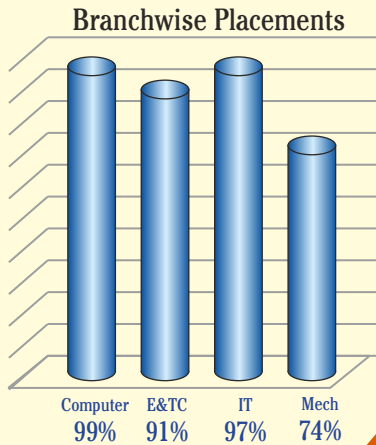
92% Placement Percentage

Prominent Industries as per CTC (LPA)

>20 — 7 students
Microsoft
Amazon
Goldman Sachs

10-20 — 45 students
FIGmd India
ION Trading
UBS
Avalara Technologies
Fractal Analytics
Philips
Byju's

Credit Suisse
Lead School
VMware
Udchalo
Aditya Birla
Browser Stack

5-10 — 176 students
Quantiphi
Sahaj Software
ZS Associates
Mu Sigma International
TIAA
Seclore
Persistent Systems
Capgemini
Josh Software
Forbes Marshall
Godrej
Deloitte India

Barclays
Blue Bricks
Deloitte
Schlumberger
CLSA
Saint Gobain
Oracle Fin Services S/w
Accenture
Icertis
KPIT Technologies
Hewlett Packard
Winjit Technologies
Schlumberger

TCS
Accops
Teradata
Xpanxion
Technip FMC
Techracers

L&T Infotech
HSBC
Raja Software Labs

Garrett Motion
BMTG Advisors

< 5 — 85 students
Mindstix
Value Labs
Ignite solutions
Osmosys
CRG Solutions
Daikin India
Alfa Laval
Focus Academy
Praj Industries

Vodafone Shared Serv
EXFO
MerkleSokrati
Onix Capital
Amdocs
eGain Communications
Coffee Day
Khodiyar Group

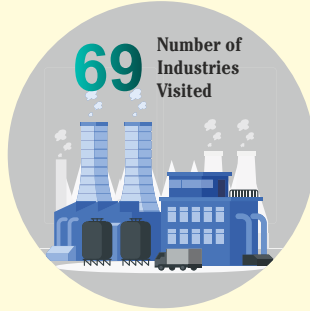**Top 5 Salaries 2020:** 39.00, 28.00, 23.00, 16.00, 15.00

ARMY INSTITUTE OF TECHNOLOGY, PUNE

PLACEMENT DETAILS

2021

9.45 Average Salary in LPA

7.60 Median Salary in LPA

39.00 Highest Salary in LPA

86 Number of Industries Visited
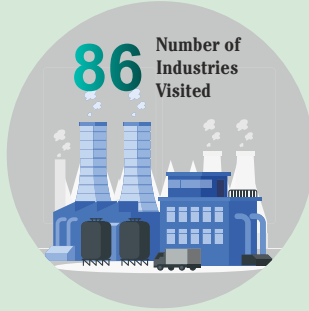
70 students placed above 9.45 LPA

Branchwise Placements

Computer 99%	E&TC 88%	IT 95%	Mech 70%
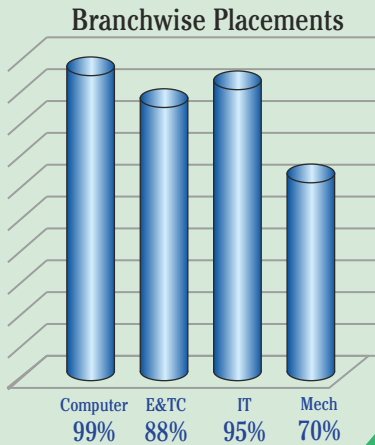
91% Placement Percentage

Prominent Industries as per CTC (LPA)

>20 21 students

Microsoft	Amazon
Commvault	Avalara
Google	Netapp
Goldman Sachs	

10-20 44 students

Deutsche Bank	mTatva	BNY Mellon
GRAB	Nasdaq	Crowdstrike
FIGmd	Credit Suisse	Miniorange
Veritas	UBS	Accolite
Vmware	L&T Infotech	Druva Software
Browser Stack		

5-10 135 students

Tracelink	Pubmatic	Sahaj Software
Solytics Partners	Accops	ZS Associates
Schlumberger	Persistent Systems	Quantiphi
eQ Technologic	Icertis	Helpshift
Mindstix	Mindbody India	Deloitte
Seclore	Xpanxion	Ubisoft
TCS	Mu Sigma	HSBC
Focus Academy	Pubmatic	Capgemini
Kaar Technologies	Hitachi	Persistent Systems
Oracle Financial	NPCI	Lenze
MAQ Software	Intellipaat	Godrej
Apisero	Continuum	Raja Software Labs
NTT Data	Osmosys	Geeksforgeeks
BYJU's	Technip FMC	

< 5 60 students

Accenture	TheMathCompany
Intelliswift	Betsol
Hashmap	Vodafone
Mindtree	L&T Tech. Services
Cognizant	Endurance
GOMO Group	Renata Precision
Amdocs	Tata Technologies
Infosys	Chegg India
Coditas Sol.	HCL
Talentio	

Top 5 Salaries 2021: 39.00, 28.00, 24.00, 23.00, 22.00, 21.00

09

ARMY INSTITUTE OF TECHNOLOGY, PUNE

Microsoft

Deutsche Bank

amazon.com
and you're done."

ION Trading

FORBES MARSHALL

Goldman Sachs

Solytics Partners

Sahaj software

MINDBODY.

PubMatic

Icertis

Deloitte.

Renata PRECISION

ZS

RAJA SOFTWARE LABS
peace of mind

TechnipFMC

HSBC The world's local bank

FACE

Capgemini
CONSULTING.TECHNOLOGY.OUTSOURCING

APISERO

ACCOLITE
Only the best technical minds

HCL

helpshift

BYJU'S

coditas

KPIT

Lenze

talent.io

vmware®

Grab

JSW

fractal
INTELLIGENCE FOR IMAGINATION

TATA TECHNOLOGIES

eQ Technologic

Activities of Placement Cell

SSB Training

Aptitude Test Training

Sessions by Industry Experts

Job readiness program

Session on Case Studies

Mock PI

Seminar on Higher Studies

Sessions on Career in Armed Forces

Technology Workshop

Technology Training

AMCAT

Sessions by Alumni

Soft Skill Training

Session by Amdocs India on Innovation

Aspiring Minds awards AIT the National Employability Award 2021

Activities of Placement Cell

Industries Visiting AIT

- Product & Service IT & ITeS
- Electronics, Telecom
- Core Engineering Manufacturing
- FinTech, Banking
- Consulting Analytics, QA, Decision Sciences
- e-Commerce + FMCG

Employability Assessment Test (Aspiring Minds Computer Adaptability Test)
AIT has been ranked among TOP 10% colleges of India

Year	AIT Campus Average	National Average
2021	648	478
2020	601	478
2019	585	478
2018	570	478
2017	545	478

Campus Aptitude & Skill Chart

- CS 562
- Total Aptitude 648
- Eng 618
- Quant 681
- Semiconductor Engg 489
- Elect & Log 643
- Mech Engr 556
- Elec Engr 608
- Tel. Engr 489
- Auto Engr 521
- Fundamentals of Chemistry 524
- Food Science 448

Technology Mentors

Legal support

Domain Mentors

Eco System

IPR support

Market / Client Connect

Fund
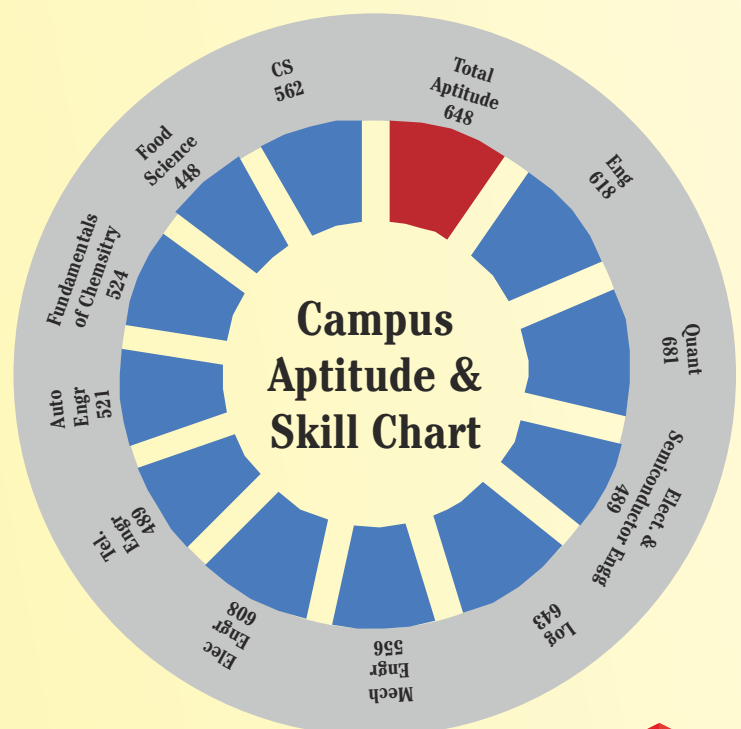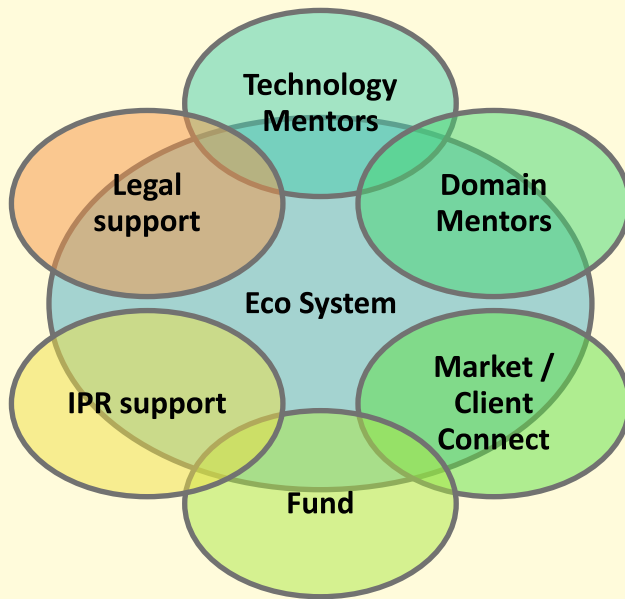
Training

- Entrepreneurship Development Program
- Sales Training Program
- Project Management

New Startups / Incubations

Deep Info Lab

Elektrun

STARTUPS

Cheq iT

myAlmate

MRS

Momentum Robotics

Xefficient

14
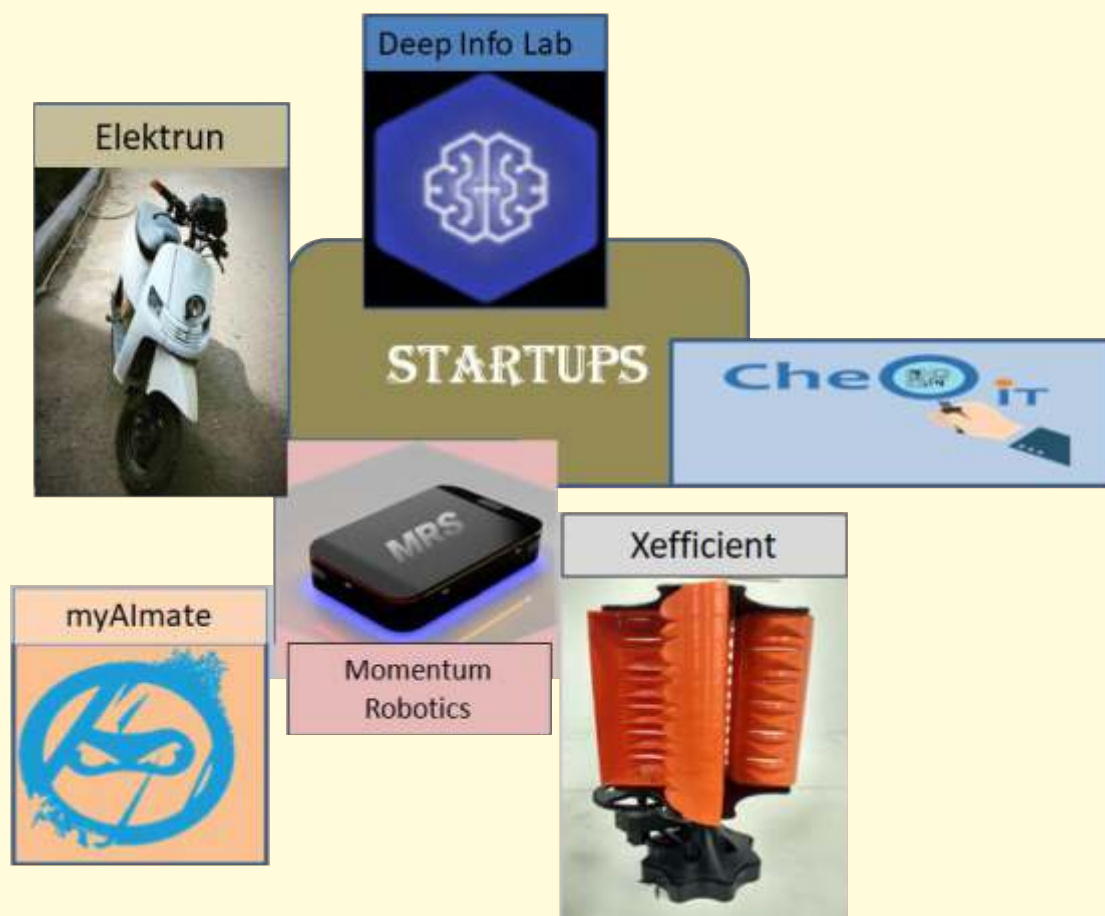
Retrofitted Vehicles by AIT

TVS SCOOTY
Speed: 45KM/hr
Range: 65km

BAJAJ SPIRIT
Speed: 30km/hr
Range: 50km

HONDA ACTIVA
Speed: 40km/hr
Range: 65km

TVS SCOOTY ES
Speed: 45KM/hr
Range: 45km

BAJAJ SPIRIT (Automatic)
Speed: 40km/hr
Range: 45km

Talking to Budding Entrepreneurs

Session on National Innovation Policy
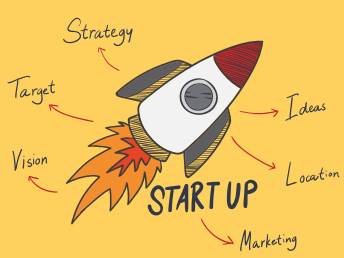
accops

udChalo
fly unbound

BlueBricks
www.blue-bricks.com

Bharatrath
Connecting India with Bharat

Adsnexus

byteridge

DARK BEAR WEB SOLUTIONS

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TRANSMONK
INDIA PVT. LTD.
We Think Globally...

SUBLIME EDGE

EZMCOM

CARABINER
TECHNOLOGIES

CopperCloud IOTech
Sense | Control | Automate

Vercingetorix

BlueShore
FINANCIAL

appacitive

26 TECH
360° digital marketing

True Elements

CARMATEC

16

Activities & Achievements...

Winners of NEC Hackathon (All 3 positions)

Winners of KPIT Sparkle 2020

Felicitation by Dr. Nitin Karmalkar, VC, SPPU

Best Internship Award 2019
by Garrett Motion Tech India P Ltd

UdChalo Scholarship

Six selections in Microsoft - 39.00 LPA

First position in Vodafone Hackathon

First & Third Prize in Solve4Bharat Hackathon

AIT Team "WeCode" win the First Prize in EY GDS Hackathon

First Prize in Smart India Hackathon 2020

AIT Foundation Day, 24th February 2021

Activities & Achievements...

Hands-on Session on Latex
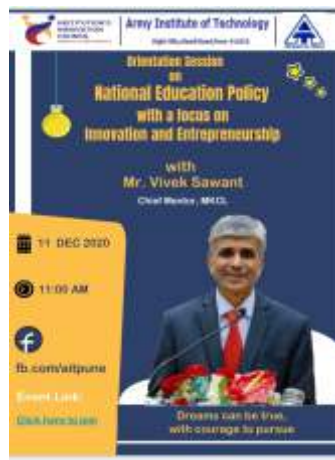
Session on National Education Policy
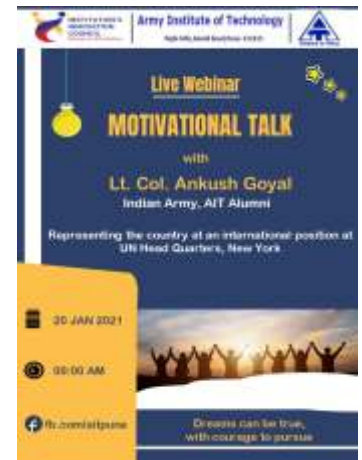
Session by Alumnus on Career in Defence

Session on Defence Innovations

Session on Digital Marketing

Session on Design Thinking

AIT represented at
World Sustainable Development Summit

Winners of MachineHack Hackathon

Selection in TALENTSPRINTWE by Google

NEWS

भारत डायरी
6 व 7 मार्च को 'एआयटी' 'इनरवी 5.0' राष्ट्रीय हैकथॉन

5.0 InNerve

AIT holds 25th convocation ceremony
BY ST CORRESPONDENT

PUNE

END OF THE COURSE: Graduate students of the 25th on batch being felicitated by chief guest Biswanath Bhukan, Global Head, Analytics and Insights Division, Tata Consultancy Services at the AIT convocation ceremony on Saturday.

आज का आनंद
शनिवार, 7 मार्च 2020

केपीआईटी स्पार्कल और सॉल्व फॉर भारत हैकॅथॉन में एआईटी छात्रों की सफलता

डेटॉक्स टीम ने स्वर्णपदक जीतकर 5 लाख रुपए का नगद पुरस्कार हासिल किया

UCHIT Media Jivraj Chole

लोकसत्ता
राष्ट्रीय स्तरावरील हॅकेथॉनमध्ये एआयटीच्या संघांना यश

UCHIT Media

हम नवा
आर्मी इन्स्टिट्यूट ऑफ टेक्नोलॉजी के (एआयटी) छात्रों की सफलता

UCHIT Media Jivraj Chole

संध्या
पुण्य भूमी
3 बुधवार, २४ फेब्रुवारी २०२१

डॉ. रमण गंगाखेडकर यांना 'एआयटी'तर्फे जीवनगौरव पुरस्कार

पुणे (प्रतिनिधी) : आर्मी इन्स्टिट्यूट ऑफ टेक्नॉलॉजी (एआयटी) पुणेच्या २५व्या वर्धापन दिनानिमित्त दिला जाणारा जीवनगौरव पुरस्कार मालेची वैश्विक संशोधन परिषदेतर्फे (आयसीएमआर) साथरोग विभागाचे माजी प्रमुख डॉ. रमण गंगाखेडकर यांना...

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short stories

25TH CONVOCATION CEREMONY OF AIT ORGANISED

PUNE: The 25th convocation ceremony of Army Institute of Technology (AIT), Pune was held at IL Joshi hall at the main campus on March 7.

Students during the convocation ceremony.

Dr Raman Gangakhedkar awarded lifetime achievement award by AIT
EXPRESS NEWS SERVICE
PUNE, MARCH 3

"THE NEW education policy includes research, innovation, holistic education, interdisciplinary education, etc. We have to encourage the students for research-based education... as well as to pursue the education of their choice. Army Institute of Technology's students' talent and research approach is very appreciable," said Dr Nitin Karmalkar, vice-chancellor of Savitribai Phule Pune University.

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नवभारत
6 व 7 मार्च को राष्ट्रीय हैकथॉन
डिकेट को एक लाख, उपविजेता को 50 हजार के पुरस्कार

THE TIMES OF INDIA
AIT students win at hackathon

TIMES NEWS NETWORK

Pune: Students of Army Institute of Technology bagged top three positions in the NEC Hackathon at Indian Institute of Technology, New Delhi.

AIT alumni team Drupple, comprising Swastik Srivastava, Rohan Chougule, Rajat Rawat and Anirudh Murali, won the first prize. The third year students' team WeCode, consisting of Shailesh, Arpit, Shubham and Shivam, won the second prize. The One in Contillion team of Sagar and Ashok won the third prize.

AIT stated the first, second and third teams were given cash prizes of Rs 2.5 lakh, Rs 1.5 lakh and Rs 1 lakh, respectively. The Hackathon was organized by NEC Corporation in collaboration with Common Service Centers. The theme was digitization of rural education.

नवभारत
AIT में बनेगा विश्वविद्यालय का संशोधन केंद्र

जनशक्ति ०५ पुणे Live
एआयटी विद्यार्थ्यांचे केपीआयटी स्पार्कल, सॉल्व्ह फॉर भारत हॅकेथॉन स्पर्धेत यश

ARMY INSTITUTE OF TECHNOLOGY, PUNE