Placement Brochure
2018-19

CELEBRATING
25
Years
1994-2019

ARMY INSTITUTE OF TECHNOLOGY, PUNE

ARMY INSTITUTE OF TECHNOLOGY

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

ACCREDITED BY NAAC & NBA
ISO 9001 : 2008
PERMANENTLY AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVERSITY

DIGHI HILLS, PUNE – 411 015.

Website : www.aitpune.com

Prof Manoj Khaladkar
Training & Placement Officer
Email Address : tpo@aitpune.edu.in

B. E. - Electronics and Telecommunication Engineering	**60**
B. E. - Computer Engineering	**120**
B. E. - Information Technology	**60**
B. E. - Mechanical Engineering	**60**
M. E. - Mechanical Engineering - Machine Design	**18**

- Dr GR Patil - HOD E&TC - hodetc@aitpune.edu.in
- Dr SR Dhore - HOD Comp - hodcomp@aitpune.edu.in
- Dr Sangeeta Jadhav - HOD IT - hodit@aitpune.edu.in
- Dr S M Sansgiri - HOD Mech - hodmech@aitpune.edu.in
- Dr Swati Kulkarni - HOD FE - hodasge@aitpune.edu.in

SHRI MILKHA SINGH
[PADMA SHREE]
THE FLYING SIKH
18TH FEBRUARY 2018

" In todays competitive e-world, there is only one truth - Perform or Perish. I am confident, our candidates, will fulfill all expectations of Indian Industry and Society at a large."

Maj. Gen. Jalaj Bhola
Chief Signal Officer (CSO)
HQ, Southern Command
Chairman - AIT

PATRON IN CHIEF
Lt Gen D R Soni
VSM
GOC-in-C, HQ SC

PATRON
Lt Gen Manoj Pande
AVSM, VSM
COS, HQ SC

AIT at a Glance

* Established In 1994 by AWES
* For Army wards only
* 100% Intake on Merit in JEE Main
* AICTE Recognized, Affiliated to SPPU
* NBA, NAAC (Grade A)

* Residential 30 acres Wi-fi campus
* Networked and AC Labs
* 24x7 Internet based Learning platforms
* National knowledge Network (NKN) Connectivity

* Excellent Faculty with Ph.D. and Research Facility
* Noteworthy Patents Filed by faculty & students
* Active Industry Interface with Internships and Sponsored Projects

* Consistent above 90% Placements with high CTC
* 70 + Leading Industries are Recruiters
* Alumni in high positions Globally
* Large number commissioned in Armed Forces
* Intensive personality development programs

INDUSTRY SPONSORED LABS

* Dassault Systemes
* Texas Instruments
* Nvidia
* IBM
* Agreeya Mobility
* Phytec
* FT 42 Labs

SCHOLARSHIPS

* TATA Merit Scholarship
* Express Readers (South) Merit Scholarship
* Horizon Scholarship
* Badve Scholarship
* ZS Associates Scholarship
* Persistent Scholarship
* Leela Poonawala Foundation Scholarship

USP of AITians
* Strong analytical Skills
* Excellent Team players
* Adaptability
* Discipline
* Good communications Skills

Testimonials

Milkha Singh
Great Sportsman

Great pleasure !
Nice to see wonderful achievements.
Army wards.... keep it up !!

Govind Swarup
Great Scientist

Very impressed with activities of AIT.

Anand Deshpande
MD, Persistent Systems

Strong & proud presence of AIT Alumni in Persistent since beginning. Wish AIT all the best !

Thierry Chevrot
Head Global Expert,
Academia Programs
Dassault Systems

The perfect team !
Professor, Students & remarkable placements. This institutes is on the brink of innovation & digital transformation.

Shrikant Badve
MD, Badve Engg. Ltd.,

"Very progressive & dynamic team.
Many more milestones are on way...
We will be supporting as required."

Dr. Karmalkar
VC, SPPU

Its proud privilege to visit AIT, a wonderful campus, the state of Art Infrastructure & exceptionally brilliant candidates.

Dinesh Manot
MD ZF sterring
Gear (I) Ltd.

Excellent Growth

Dr. Vishwas Udpikar
MD, Wavelet Group

Shine on You,
Diamonds !!

4

Director's Desk...

As some of you would be aware AIT will be completing 25 years of it's existence in 2019, having been founded in 1994. We will be celebrating 2018-19 as the Silver Jubilee Year and have lined up appropriate programs for the same.

The glory AIT has achieved in past 24 years was only been feasible due to unwavering support, guidance, encouragement and mentorship by our industry partners. Apart from recruiting some of our students in their companies, these mentors have provided us support to build academic infrastructure, guided our students through internships and projects as well as conducted boot camps and workshops, which were a great way to connect with student community. Many of our industry partners have shown a great sense of social responsibility and patriotism by awarding scholarships to children of soldiers, widows and ex-servicemen. No words will be adequate in conveying our gratitude. We are confident that our partnership will grow further, mutually benefitting both of us.

In the last issue I had written about Industry 4.0 and related technologies. We have already initiated efforts towards introducing the technology education in these fields. Some of these efforts include; preparing for Academic Autonomy, establishing R & D lab in our Comp Engg Dept in collaboration with 42 labs for research in the field of AI and cyber security; successfully conducting PMKVY courses on IoT in E & TC Dept; conduct of a SPPU sponsored state level FDP on "Mathematical and statistical foundation for AI and Machine Learning", 'establishing Certification Centre for 3D Experience tools of Dassault Systems as well as developing a robust computer network and computing environment to enable conduct of research and projects. A wonderful AIT movie has been launched on 24 Feb 2018', which is available on Youtube on our website, which encapsulates our journey as well as our aspirations.

The next few years are going to be full of excitement, challenges, introducing changes in the way we think, act, and teach. The strong foundation provided by our predecessors and mentors needs to be basis for launching our future endeavors. Collaboration and Synergy with our industry partners and mentors will be needed now, more than ever before. We are sanguine that our partners in the journey will be in step with this march of Onward to Glory.
Regards,

Brig Abhay A Bhat (Retd)
Director, AIT

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

Alumnus of NDA, with over 34 years of experience in the Corps of Signals of Indian Army. He is an M Tech in Computer Science from IIT Kanpur. He has varied experience in fields of Operational Communications, IT Networks, Signal Intelligence Operations on active borders and instructional as well as administrative duties in MCTE, one of the premier colleges of Indian Army. Brig Bhat is also a fellow of IETE and was Chairman of Mhow Sub Centre from 2011 to 2014.

Principal's Desk...

It is indeed a pleasure to present this new placement dossier to esteemed industry partners. As the campus 2019 will commence from next month, I wish a smooth interaction and happy ending with a great outcome. We are extremely delighted to see the major improvement in national ranking, which is carried out by top organizations like India Today, Outlook India, The Week and Dataquest. Undoubtedly, AIT stands in top 10 engineering institutions of West India.

All bound efforts are being taken to make each candidate well versed with changing technical world of Industry 4.0. At the same time, quite a few faculty development programs are systematically planned to enhance teaching learning process.

After reviewing results of major hackathons, model making and design contests, organized by Barclays, JohnDeere, Dassault Systemes and Schaeffler Group, it gives true satisfaction to all teachers. AIT has bagged either winners or runners-up position in each contest of 2017-18. Last couple of years, final year project competition is made mandatory and senior alumni are invited for genuine assessment. There is a lot to write, however, we believe –Let Performance Speaks than Words. You all are requested to extend same support in this silver jubilee year.

Onward to Glory!

Sincerely,
Dr B P Patil
Principal, A I T

Dr B P Patil
M.E. Electronics, Ph.D.

26 Years of total experience, Ph.D., in wireless communication. He is a recipient of 'Sir Thomas Ward memorial Medal" from Institution of Engg., Calcutta. He has published 130 papers at National / International conferences & journals. Dr. Patil has filed 6 Patents & received grants of 6 lakh for the research project. Fellow of IETE & Institution of Engineers.

Team AIT

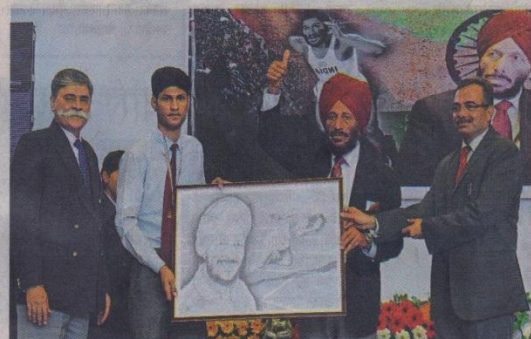# 'तंत्रज्ञान आणि मनुष्यबळ यांचा समन्वय साधा'

आर्मी इन्स्टिट्यूट ऑफ टेक्नॉलॉजी'च्या फॅकल्टी डेव्हलपमेंट प्रोग्रॅमला प्रारंभ

पुणे : प्रतिनिधी

देशामध्ये तंत्रज्ञानाचा वापर करत असताना उपलब्ध असणाऱ्या मनुष्यबळाचा विचार करूनच त्याचा वापर करणे आवश्यक आहे. इतर देशात मनुष्यबळ कमी असल्यामुळे तंत्रज्ञानाचा मोठ्या प्रमाणावर वापर करण्यात येतो. परंतु भारताची परिस्थिती वेगळी असून इथे १३० कोटी लोकसंख्येच्या पोटाचा प्रश्न आहे. तंत्रज्ञानाचा वापर करून जर मनुष्यबळाच्या रोजगाराचा प्रश्न निर्माण होणार असेल

कॉम्प्युटर इंजिनिअरिंग विभागातील 'एफटी फोर्टी टु अ...

दिघी : आर्मी इन्स्टिट्यूट ऑफ टेक्नॉलॉजीने आयोजित केलेल्या (एआयटी) 'पेस २०१८' या वार्षिक क्रीडा महोत्सवाच्या सांगता कार्यक्रमात द्वितीय वर्षाचा विद्यार्थी राहुल सिंग याने काढलेले सिंग यांचे 'हस्तचित्र' त्यांना भेट दिले.

From street plays to music & cyclothon

The Ganapati idol of the Army Institute of Technology has been installed at the Sarva Dharma Sthal.

Students and faculty of the institute take part in the 10-day celebrations with equal enthusiasm. Though ...uch for ...tudents ...ral pro-

...was a ...on the ...rmanc- ...

cyclothon to create awareness about the need to use public transport and to bring down the pollution level triggered

▶ (L) Major General Jalaj Bhola, chairman, AIT Pune, CSO and HQ Southern Command launched the learning course with Nitin Karmalkar, vice-chancellor, SPPU.
HT PHOTO

DRIVER: From left, Ayush Bhandari, Praveen Kumar, Kumar and Rohit Bisht of Garagekhojo

AIT'S FACULTY DEVELOPMENT PROGRAMME COMMENCES

PUNE: Information technology department of Army Institute of Technology (AIT) on December 5 officially announced commencements of its weeklong state-level faculty development programme (FDP) on "Probability and Statistics for Machine learning and Deep Learning" in association with IEEE, Computer Society Of India and The National Program on Technology Enhanced Learning (NPTEL). The programme was inaugurated at the Dighi campus by vice-chancellor of Savitribai Phule Pune University (SPPU) Nitin Karmalkar and Major General Jalaj Bhola, chairman of AIT. At the programme, participants will gain basics of machine learning required to apply the techniques to new problems using specific mathematical model.

...n aggregator of car ...repair shops could ...one day help you

...'e have all had a car ...breakdown story. ...And almost always, ...earest repair shop was ...plicably a couple of hun- ...kilometres away.

...t India could-have a so- ...n soon in Garagekhojo ...database of car-repair ...esses set up by Praveen ...ar and his team of

pare a list of what jobs they specialised in. The team also listed availability of spare parts, shop timings and other crucial information. They even had contacts listed for on-road assistance.

"There was immense user traffic and there were days when we were hitting 300 cus- ...tomers. Unfortunately, we

मिल्खासिंग यांच्या हस्ते विजेत्यांचा सन्मान

'आर्मी इन्स्टिट्यूट ऑफ टेक्नॉलॉजी'च्या 'पेस २०१८' क्रीडा महोत्सवाची सांगता

मिल्खा सिंग यांच्या हस्ते 'पेस १८' विजेत्यांचा सत्कार

पुणे : आर्मी इन्स्टिट्यूट ऑफ टेक्नॉलॉजी (एआयटी) च्या 'पेस २०१८' या १५ दिवसीय रोजी सुरू झालेल्या वार्षिक क्रीडा महोत्सवाची अनवट समारोप सांगता झाली. एआयटीच्या पुणे प्रांगणात धावपटू व महोत्सवात ज्यामध्ये विद्यार्थ्यांनी यांचे क्रीडापटू मिल्खा सिंग यांच्या हस्ते क्रीडापटू...

धूमधाम से मनाया गया स्थापना दिवस का जश्न

संवाददाता

पुणे. आर्मी इन्स्टिट्यूट ऑफ टेक्नॉलॉजी (एआरटी) ने हाल ही में पुणे के दिघी कैंपस में अपना 24वां स्थापना दिवस मनाया. इस अवसर पर पर्सिस्टेंट टेक्नोलॉजी के संस्थापक और चेयरमैन आनंद देशपांडे ने अपनी मौजूदगी से समारोह की शोभा बढ़ाई. कार्यक्रम के मुख्य अतिथि और अन्य अतिथियों का स्वागत एआरटी के चेयरमैन मेजर जनरल जलज भोला ने किया. इस कार्यक्रम की शुरुआत एक फिल्म के उद्घाटन के साथ हुई जोकि एआरटी की सफलता की यात्रा पर आधारित है और जिसका निर्माण 'पनामॉली वन' द्वारा किया गया.

Technip FMC ...der
Se...ed AIR-1...
Se...ed AIR...
...mo...
Worked on
– Designing u...
– Development...
heat sink'

आर्मी इंस्टिट्यूट में मना वार्षिक उत्सव

पुणे. आर्मी इंस्टिट्यूट ऑफ टेक्नॉलॉजी, पुणे ने अपने वार्षिक उत्सव आकृति 2017 को बड़े धूम धाम से मनाया. इस साल सांस्कृतिक कार्यक्रम आकृति के कारण विद्यार्थियों को एक नया मंच प्रदान हुआ. सांस्कृतिक उत्सव के पहले दिन, ओ.जी.डी. डिबेट का आयोजन हुआ. दूसरे दिन स्केचिंग और कार्टून मेकिंग की स्पर्धा हुई. बाद में छात्रों ने उन पहलुओं को मूक नाटक के माध्यम से व्यक्त किया जिसका शब्दों में वर्णन नहीं किया जा सकता. संगीत की मधुर ध्वनि ने श्रोताओं को लिम्स (LIMS) की धुन पर झूमने के मजबूर कर दिया और साथ ही संगीत के उत्कृष्ट विद्यार्थियों को अपनी कला को लोगों के सामने प्रस्तुत करने के लिए मंच प्रदान किया. इस साल, प्राध्यापकों ने भी संगीत प्रतियोगिताओं में छात्रों के साथ उत्साहपूर्वक भाग लिया.

छात्रों के साथ प्राध्यापकों का भी उत्साहपूर्वक सहभाग

सांस्कृतिक उत्सव के दूसरे दिन पोस्टर मेकिंग और टी-शर्ट मेकिंग की स्पर्धा का भी आयोजन हुआ, जिसमें देश के गंभीर मुद्दों को प्रकाशित किया गया. स्ट्रीट प्ले का प्रदर्शन दर्शकों को मन्त्रमुग्ध करने वाला रहा. भारतीय विरासत को एआईटी (AIT) के लोकनृत्य के सहारे प्रदर्शित किया गया.

अंतिम दिन डिबेट के फाइनल राउंड का आयोजन हुआ और साथ में ही कोलाज बनाने की भी स्पर्धा थी. निदेशक बिगे ब्रिगेडियर द्वारा फ्लेक वार नाम की एक इवेंट का परिचय दिया गया. अभय भट ने, बेकार की चीजों से कुछ नई उत्तम चीज (बेस्ट आउट ऑफ वेस्ट) बनाने का तरीका सिखाया और स्वच्छ फ्लेक प्रतियोगिता का भी आयोजन हुआ. सभी प्रतियोगिताओं को बाहरी परीक्षक के पैनल द्वारा जज किया गया थे. विजेताओं को ब्रिगेडियर अभय भट (निदेशक- एआईटी) और डॉ.बी.पी. पाटिल- (प्रिंसिपल- एआईटी) के हाथों पुरस्कार प्रदान किए गए.

92%
Placement
Percentage

5.9
Average
Salary in LPA

75%
Percentage
of Core High
End Technology
& Product
Placements

Top 5
Salaries offered
39.0, 16.0, 12.0,
11.0, 9.26
(All in LPA)

66
Number of
industry visited

**Placement
Details
2018**

3
Placement
Ranking
in Pune
University

Training & Placement Officer's Desk...

Dear Industry Partners,

This 2018-19 is very special for us. AIT completes 25 years journey in 2019. A journey of engineering institution always has wide range of footprints, in terms of technology changes, hiring patterns, expectations from industry, nature of industries and training needs.

Training & Placement Cell of AIT, at receiving end of the challenges, always converted those aspects into opportunities. Earlier phase was to concentrate on percentage of placements and to fetch maximum industries. The focus now, is on quality of placements, viz. job description, nature of industry, career path and sustained relationships.

Your support and guidance was pivotal in the past and AIT believes that it would be continued in the years to come. With Industry 4.0, the nature of jobs and skill set expectations may see a revolutionary shift. Fortunately, AIT alumni and alumni entrepreneurs have global reach, which enables us to keep the pace with changing technology world.

It is noticed that, 'STAR' Model of recruitment, i.e. Situation, Task, Activity and Resultwill be dominant in next few years for technical as well as HR assessment and we are also aware that hiring will be more of Evidence Based than Presentation Based. Fortunately, necessary measures are already been taken from last couple of years.

Looking forward to invite your esteemed organization for Campus Recruitment.
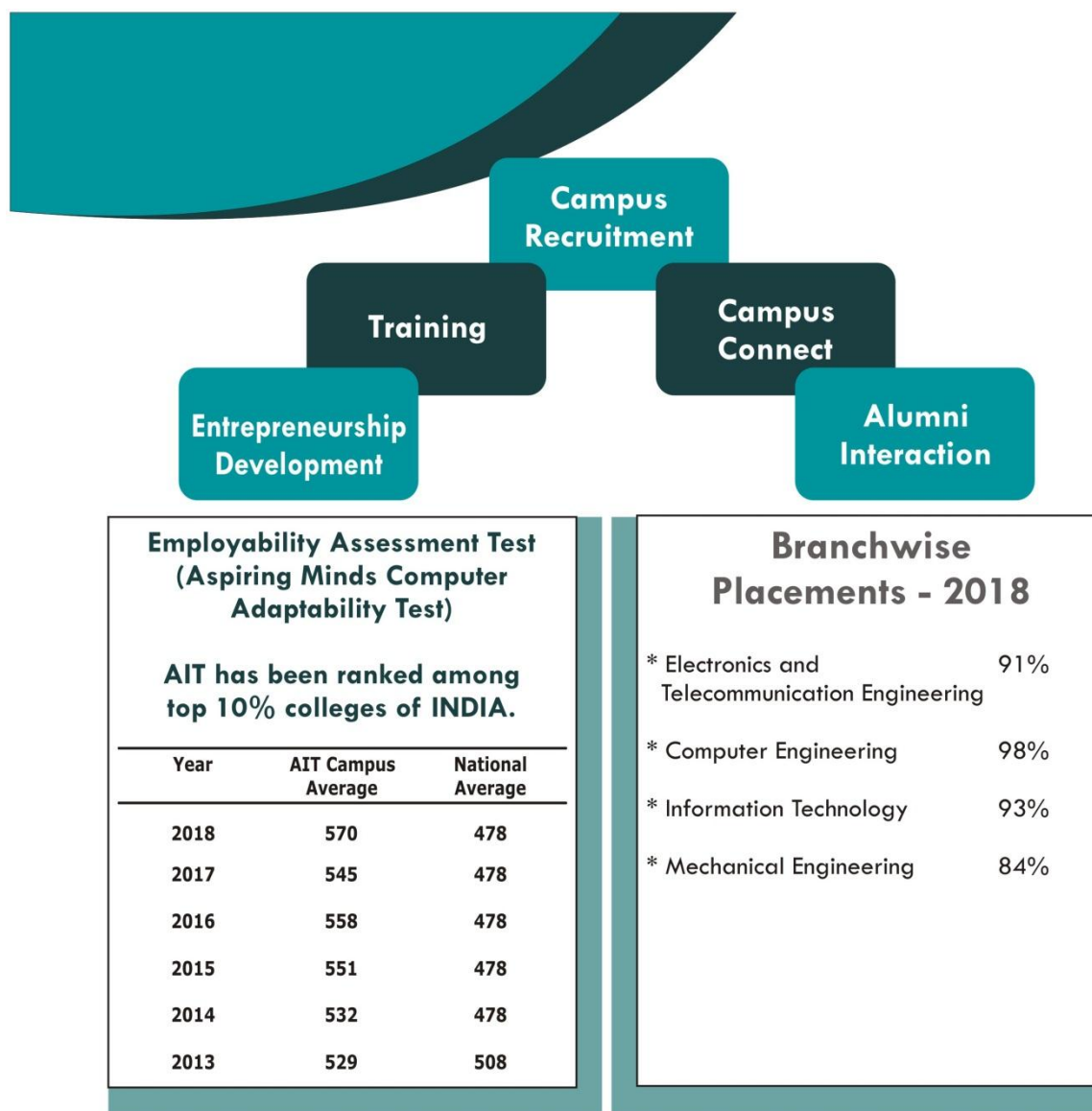
Best Regards,

Prof MS Khaladkar

Commendation card
to Prof Khaladkar, by
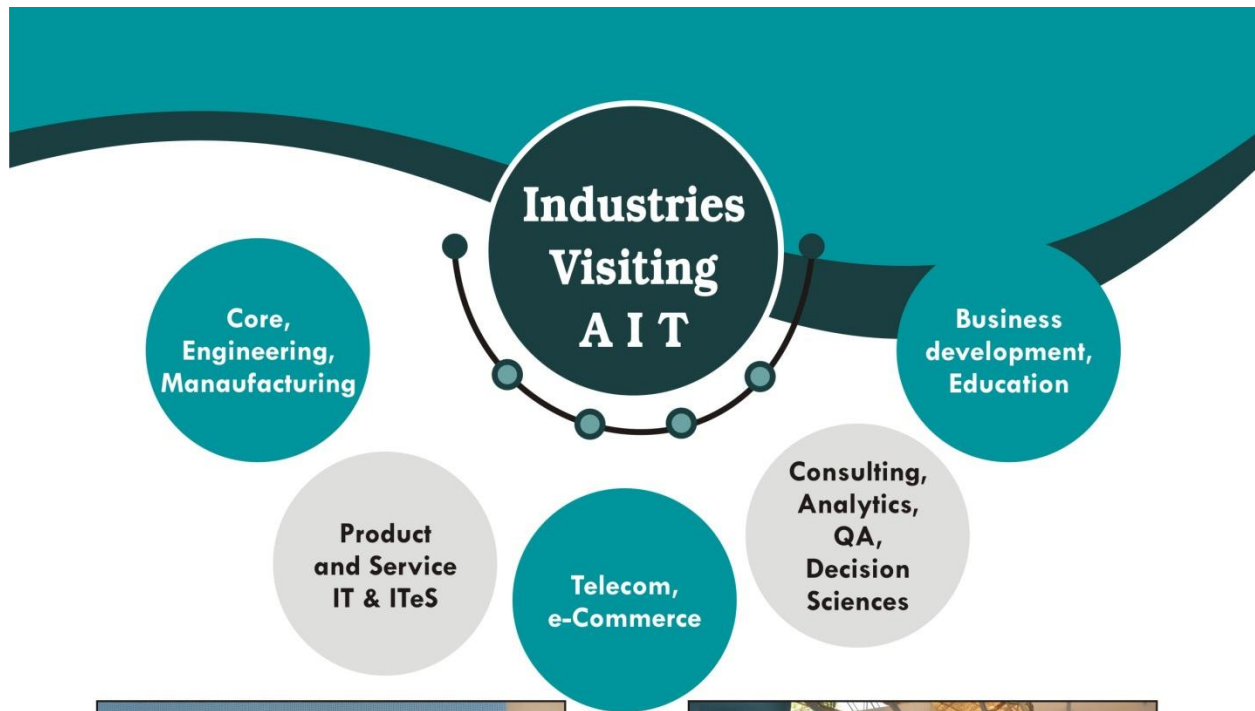**Maj. Gen. Jalaj Bhola**
Chief Signal Officer (CSO)

Best TPO award 2018 to Prof. M.S. Khaladkar, by Computer Society of India

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Campus Recruitment

Training

Campus Connect

Entrepreneurship Development

Alumni Interaction

Employability Assessment Test (Aspiring Minds Computer Adaptability Test)

AIT has been ranked among top 10% colleges of INDIA.

Year	AIT Campus Average	National Average
2018	570	478
2017	545	478
2016	558	478
2015	551	478
2014	532	478
2013	529	508

Branchwise Placements - 2018

* Electronics and Telecommunication Engineering   91%

* Computer Engineering   98%

* Information Technology   93%

* Mechanical Engineering   84%

NATIONAL INSTITUTIONAL RANKING FRAMEWORK (NIRF)

(Ministry of Human Resource Development)

AIT is ranked at 88th position nationally in 2018. This includes all IITs, NITs, Govt. Institutes & leading private colleges. This methodology for Ranking of Academic Institutions in India is widely accepted & considers 5 parameters namely Teaching, Learning & Resources (TLR), Research & Professional Practice (RP), Graduation Outcome (GO), Outreach & Inclusivity (OI) & Perception (PR)

Industries Visiting A I T

Core, Engineering, Manaufacturing

Business development, Education

Product and Service IT & ITeS

Telecom, e-Commerce

Consulting, Analytics, QA, Decision Sciences

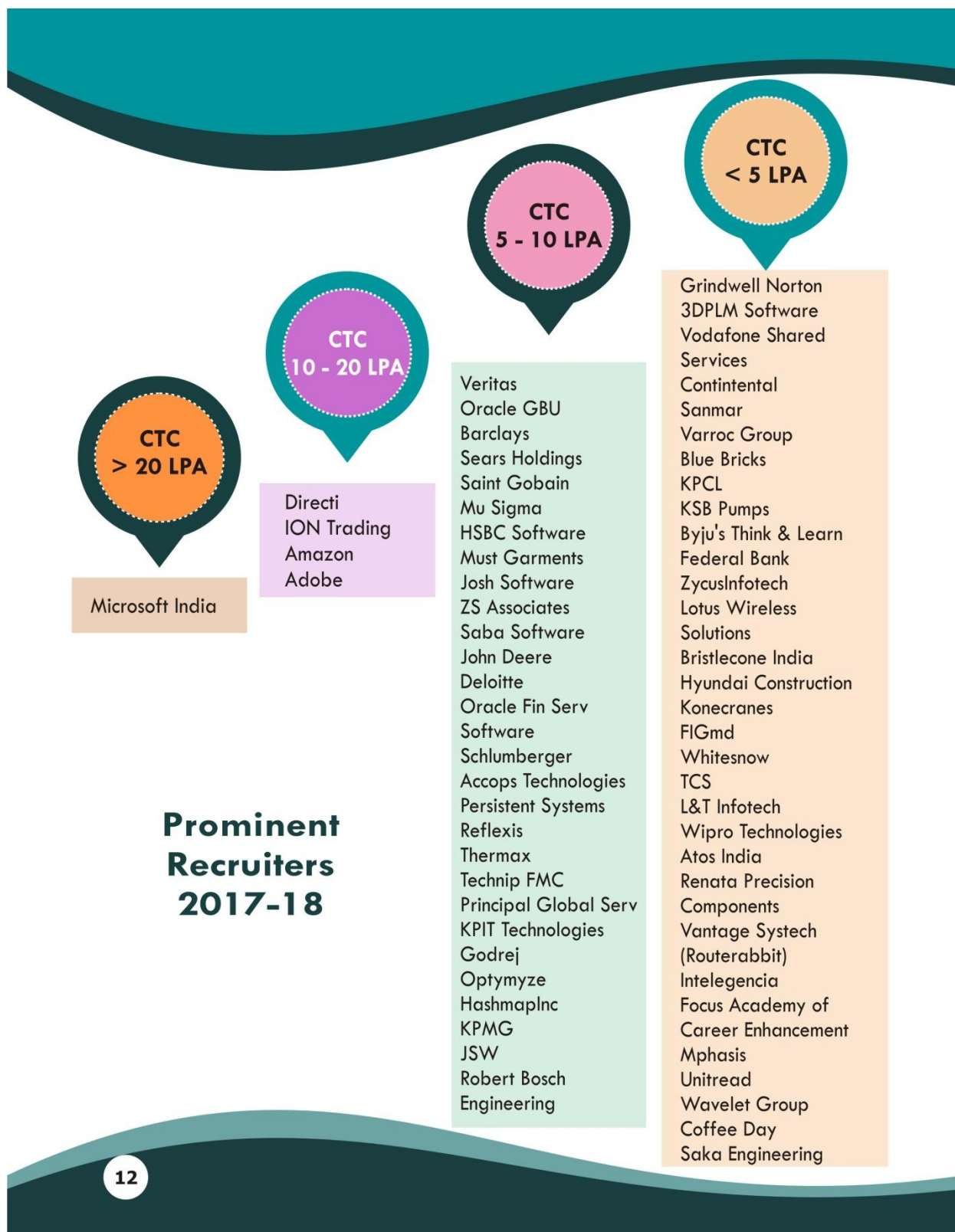Recipients of TATA Merit Scholarship with Mr. Shekhar Kamble - Head HR - TCS - Pune

Recipients of ZS Associates Scholarship with Mr. Tarun Pande, Office Managing Principal

MoU with FT42 Lab

Lavpreet Sharma - Alumnus
Sword of Honour

Prominent Recruiters 2017-18

CTC > 20 LPA

Microsoft India

CTC 10 - 20 LPA

Directi
ION Trading
Amazon
Adobe

CTC 5 - 10 LPA

Veritas
Oracle GBU
Barclays
Sears Holdings
Saint Gobain
Mu Sigma
HSBC Software
Must Garments
Josh Software
ZS Associates
Saba Software
John Deere
Deloitte
Oracle Fin Serv
Software
Schlumberger
Accops Technologies
Persistent Systems
Reflexis
Thermax
Technip FMC
Principal Global Serv
KPIT Technologies
Godrej
Optymyze
HashmapInc
KPMG
JSW
Robert Bosch
Engineering

CTC < 5 LPA

Grindwell Norton
3DPLM Software
Vodafone Shared
Services
Contintental
Sanmar
Varroc Group
Blue Bricks
KPCL
KSB Pumps
Byju's Think & Learn
Federal Bank
ZycusInfotech
Lotus Wireless
Solutions
Bristlecone India
Hyundai Construction
Konecranes
FIGmd
Whitesnow
TCS
L&T Infotech
Wipro Technologies
Atos India
Renata Precision
Components
Vantage Systech
(Routerabbit)
Intelegencia
Focus Academy of
Career Enhancement
Mphasis
Unitread
Wavelet Group
Coffee Day
Saka Engineering

Accolades, Industry Interface.........

Dr. Anand Deshpande, Founder, Chairman & MD, Persistent Systems

Mr. Dinesh Munot, Chairman & MD - ZF India Life Time Achievement Award 2018

Felicitation of Dr. Ganesh Natarajan, Founder - 5F World, Chairman-NASSCOM Foundation & Chairman - Global Talent Track

Ms. Anjali Byce, Director HR, SKF India, Signing MOU with AIT

Gold Partner Award by Aspiring Minds

Case Study Workshop by ZS Associates

Winners - Barclays Hackathon, 2018

Winners - ADCAT HackaSurance

Winners of Tech Next 2018
Computer Society of India

NSE Hackathon 2018 - 2nd Runner up

Visit of Dr. Nitin Karmalkar
Vice Chancellor, SPPU

Team - TEDX

Onward to Glory

Apart from competitive environment AIT is a like a subset of life every year comes with different challenges and perks from being juniors to senior it demands lot from you and at end gives u back . Bonds are made for lifetime and transform you into a well balanced guy to face challenges of life

Alumni - Our Real Wealth

Alumni Meet - Cultural Evening

Alumni Meet 2017

Inauguration of Alumni Sponsored Project Event

Startup Session - Mr. Vikram Sareen, Director, Blue Bricks

Participants of startup AIT with Mr. Ravi Kumar, Founder & COO, Udchalo

Key Note address by Mr. Roshan Khan, Director - Technology - at Amadeus S/W India

Illustrious Alumni

SR NO.	NAME OF THE ALUMNI	BATCH	BRANCH	CURRENT POSITION/ACHIEVEMENT
1.	DHRUV KAPUR	1998	COMP	DIRECTOR, SAPIENT CONSULTING LTD
2.	AKSHAY JOHAR	1998	COMP	PRINCIPAL TEST MANAGER, MICROSOFT
3.	ADITYA DESHPANDE	1998	E&TC	DIRECTOR, ROAMWARE INDIA
4	NAVJOT VIRK	1999	COMP	PRINCIPAL PROGRAM MANAGER, MICROSOFT
5.	VIJAY DWIVEDI	1999	COMP	DIRECTOR, SANDVINE INDIA
6.	ARVIND RATHORE	1999	E&TC	VP & REGIONAL COO, SOCIETE GENERALE
7.	NITIN NAGAICH	1999	E&TC	MD, CONVATE
8.	RISHI BHATNAGAR	1999	E&TC	AVP, JP MORGAN CHASE
9.	CAPTAIN SURINDER S. YADAV (MNI)	1999	MECH	CEO & MD, AASTHAA GROUP OF COMPANIES
10.	SUMIT ROY CHOWDHURY	2000	COMP	SR MANAGER, DELOITTE
11.	SAHIL MATHUR	2000	COMP	MANAGER, FACEBOOK
12.	PUNEET PUNJ	2000	E&TC	SR VP DBS BANK LTD
13.	JAVED M SHAH	2001	COMP	DIRECTOR, CISSP, PROLIFICS
14.	NIKHIL LASRADO	2001	COMP	CONSULTANT, IBM CANADA
15.	ANURAAG MOHAN, PH D	2001	E&TC	SENSOR ARCHITECT, MAXIM INTEGRATED
16.	DEVINDER SINGH	2001	MECH	BUSINESS UNIT HEAD, STANLEY BLACK & DECKER INC.
17.	AMIT AGGARWAL	2001	MECH	STRATEGY MANAGER, HEWLETT PACKARD
18.	TONMOY DUTTA ROY	2001	MECH	RESEARCH SCIENTIST, GOVT OF AUSTRALIA
19.	SHASHIKANT SINGH TOMAR	2001	MECH	HEAD-BUSINESS DEVELOPMENT, DE LAVAL PVT LTD
20.	NAVINDER DULLAT	2002	COMP	COO, QI LIFE CARE
21.	NISHAT ANTHONY	2002	COMP	SENIOR TEST LEAD, MICROSOFT
22.	SUBROTO DEY	2002	COMP	DIRECTOR, BROADRIDGE
23.	DIOUS EMMANUEL	2002	E&TC	VICE PRESIDENT, DHANUSHINFOTECH
24.	ALOK ARORA	2002	E&TC	DIRECTOR, PRGX
25.	ANKUSH TIWARI	2002	E&TC	VP, AGREEYA MOBILITY
26.	GOURAV SINHA	2002	E&TC	DIRECTOR, MAXIMOJO
27.	PAWAN KARTIK	2002	E&TC	DIRECTOR, CAPGEMINI AUSTRALIA
28.	KULDEEP SINGH	2003	E&TC	ASSOCIATE DIRECTOR, COGNIZANT TECHNOLOGY SOLUTIONS
29.	SARITA IYENGAR	2003	E&TC	AVP, HSBC SINGAPORE
30.	ADITYA NEGI	2003	E&TC	STRATEGIST, LINKEDIN
31.	HITESH KALRA	2003	MECH	STRATEGIST, GOOGLE
32.	VIVEK VIKRAM SINGH	2004	E&TC	MARKETING AND ADVERTISEMENT, FACEBOOK
33.	SYED LUTFI ALI	2005	COMP	ASSOCIATE, GENERAL ELECTRIC
34.	HARSHANA KAUR	2005	E&TC	SR QA, XOOM CORPORATION, SAN FRANCISCO
35.	SHIKHA RANA	2005	IT	AVP, BARCLAYS CAPITAL
36.	MANISH GUPTA	2006	E&TC	VP, ROYAL BANK OF SCOTLAND PLC, LONDON
37.	JITENDRA SANGAR	2008	COMP	SOFTWARE LEAD, MICROSOFT
38.	SATYAJIT PAL	2008	MECH	TECHNICAL SPECIALIST, MERCEDES BENZ
39.	MANKIRAN KAUR	2009	MECH	BUSINESS ANALYST, DELOITTE
40.	KESHAV LAGWAL	2009	MECH	SR MANAGER, MAHINDRA & MAHINDRA
41.	ASHU SINGH	2010	E&TC	SR QA ENGINEER, CISCO
42.	ANKITA PODDAR	2010	MECH	HR LEAD, ITC INFOTECH
43.	KAUSTUBH DHARMADHIKARI	2010	MECH	ASST MANAGER, KIRLOSKAR EBARA
44.	NALINI SINGH	2011	E&TC	PROGRAM MANGER, GOOGLE
45.	AMBUJ TANDON	2012	IT	S/W DEVELOPER, AMAZON
46.	RAHUL RANJAN	2014	MECH	BHARAT PETROLEUM CORPORATION LTD
47.	LAVPREET SHARMA	2014	MECH	FLIGHT LT, INDIAN AIR FORCE
48.	SHAILIZA MAYAL	2015	E&TC	BUSINESS OPERATIONS ASSOCIATE, ZS ASSOCIATES
49.	JITENDER SINGH	2015	MECH	ACHIEVED 48TH RANK IN ALL INDIA LEVEL IN GATE 2016

Excellence in BE Projects

Following is the brief about eight best departmental projects of year 2018 .

Dept. of Mechanical engineering -

Design Optimization of Suspension System using Advanced Optimization Techniques

Modelling suspension systems (collection of spring and dampers) of an automobile is of importance for many automotive and vibration engineers. Ride quality of the vehicle traversing over broken roads and control of body motion is of interest. Traditional practice of relying on test cars for suspension development is time consuming and costly. In this project a simulation-led design approach is demonstrated, which reduces reliance on test vehicles and produces optimum results. Advanced techniques such as Particle Swarm optimization (PSO) and Simulate annealing Algorithm (SA) are studied and applied to optimize suspension system of an automobile. The approach begins with development of a fast and accurate vehicle model in MATLAB for testing the parameters, and concludes by automating optimization of suspension parameters using PSO and SA to meet specified performance requirements.

Design, Development and Prototyping of Coconut Leaf Rib Removal Tool

Coconut brooms that can be used in both dry and wet conditions are made of central ribs of coconut leaflets by tying them together. Making of coconut brooms has been a tradition in coastal regions of the world but the method has remained quite primitive even after centuries of its existence. Knife and fingers are used for this purpose and the process is not gentle. The project goes through the process of making a tool whose specific function is isolating the rib from leaflets as there is no tool currently in existence. In addition, the tool will be such that it is affordable and will help the small scale industry enhance production. Virtual engineering tools were also used for the product design and development process.

Dept. of Computer Engineering -

Social Media Profiler and Product Recommendation System

Recommendation systems are typically used by companies, especially e-commerce companies like Amazon.com, to help users discover items they might not have found by themselves and promote sales to potential customers. A good recommendation system can provide customers with the most relevant products. This is a highly-targeted approach which can generate high conversion rate and make it very effective and smooth to do advertisements.

Quick Quote : Automating DSS using ML and AI

Introducing Artificial Intelligence can help to transform the traditional underwriting process to smart one. Usually data given to the underwriter is in unstructured format. Using Natural Language Processing and by training numerous statistical machine learning classifiers over the unstructured texts, important features were extracted out from unstructured emails. Main challenge is to exploit the information embedded in emails using automated tools, because of noisiness, uncleaned and unstructured data. Based on the features extracted, a model was trained and tested for unseen mails to get the proper insurance plan name and advice. This data was drafted to a template and sent back to the agent through an automated email reply. Main Objective of the project is to handle dynamic situations efficiently and to automate the underwriting task.

Dept. of Electronics & Telecommunication –

Speech to Text recognition for automation of web browser

S.T.R.A.W. is an acronym for Speech to Text Recognition for Automating Web-browser. Wouldn't it be useful to manipulate your web browser using just your speech? S.T.R.A.W. works in three stages as mentioned below, incorporating three equally important components to its system. Our solution as name suggest is basically to use voice commands of user to translate it to text based on grammar file pre-defined by user itself and further push this text command to automation core to click or interact with web elements.

Video screening of non-reachable area during a combat operation

This project aims to provide a possible solution or example of such unique use of robots in military surveillance and espionage. With the help of technologies like RF module, Xbee it is possible to develop long-range robots which can be controlled from remote locations. In this way we can reduce the human interference and also save some lives. Our project is to design and build a manually controlled surveillance robot. The main purpose of the robot is to be able to roam around in a given environment while transmitting back real-time data (video) to the ground station. This real-time data can then be used by the controller (human) to move the robot around. The robot must be compact and self-contained with wireless transmission of data.

Dept. of Information Technology –

Publicly verifiable identity on Blockchain for autonomous educational institutions

A Self-Sovereign Identity is a secure, easy-to-use system, built on Ethereum and powered by uPort. It consists of two main components: smart contracts, and a Dapp (Decentralized Application). Self-sovereign identities can take many forms: individuals, devices, entities, or institutions. These identities are self-sovereign, meaning they are fully owned and controlled by the creator, and don't rely on centralized third-parties for creation or validation.

A core function of a SSI is that it can digitally sign and verify a claim, action, or transaction which covers a wide range of use cases. We propose to utilize emerging technology and open-source identity standards, to solve the challenges of identity in autonomous educational institutions.

Breast Cancer detection using deep learning

Convolutional Neural Networks (CNNs) compare images piece by piece. The pieces that it looks for are called features. By finding rough feature matches in roughly the same positions in two images, CNNs get a lot better at seeing similarity than whole-image matching schemes.

Using CNN is aimed to speed up the diagnosis process by assisting specialist to diagnosis and classification the breast cancer. A series of mammogram images are used to carry out preprocessing to convert a human visual image into a computer visual image and adjust suitable parameter for the CNN classifier. After that, all changed images are assigned into CNN classifier as training source. The CNN classifier will then produce a model to recognize the mammogram image. Thus, the results show that the proposed model has higher accuracy than other existing methods.

PLACEMENT SPECTRUM 2018

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