

## ACHIEVEMENTS OF AIT : 2019-20

### Student Hackathon, Competitions & Internships

1. **KPIT Sparkle**. Two BE Mech students, Shivam Mishra and Sachin Dwivedi as Team “AQUA” won the 10 lakhs prize for their project based on vertical test time based power generation in the national competition, KPIT Sparkle. KPIT Sparkle is an annual innovation contest for science, engineering and design students across India. Because of its focus on innovativeness, it is the most sought-after competition among the students. Its main feature is that it gives the students an opportunity to develop working prototypes with strong social impact, resulting towards assisting the growth aspirations of the nation.



2. **NEC Gurgaon Hackathon**. NEC Gurgaon Hackathon was held on 24<sup>th</sup> Aug 2019. The problem statement was “Transformation of Public Transport by Using Web or Service Applications to Elevate User Motivation”. AIT team won second prize(1.5 Lakh). Team members are:-

- (a) Mr Arpit Kumar Mishra, TE Comp.
- (b) Mr Shailesh Kumar Sahu, TE Comp.
- (c) Mr Shivam Pathak, TE Comp.
- (d) Mr Shubham Singh, TE Comp.



3. **Microsoft Hackathon**. Aditya Singh (2018 passout (E&TC) – Presently working with Microsoft) won Microsoft Hackthon 2019 and was personally congratulated by Mr Satya Nadella, CEO Microsoft.

4. **United Nation’s V-Force (UNV)**. Mr ORN Karthik , BE Mech has been selected as a United Nation’s V-Force Leader 2019. Out of 9000+ applicants nationwide UNV India shortlisted 180 UNV Force Leaders. The UNV Force volunteers would serve as volunteers for a period of 6 months and would engage in activities as required by the UNV Force.



5. **Best Internship Award 2019.** Mr ORN Karhik, BE Mech was awarded 'Best Internship Award 2019', nationally by Garrett Motion Tech India P Ltd for his internship project Cost Competitive GT12WG Turbocharger. The presentation was carried out in AIT by MD (India) Mr Mark Hammond on 21 Nov 2019.



6. **Infineon Technologies National Hackathon.** AIT Team of G Kranthi Kumar, G Mothy and Sudhanshu Joshi won the Infineon Technologies National hackath on held on 07 Dec 19 at Bengaluru, based on AI/ML theme. Prize Money Rs 1,00,000/-



7. **ACM ICPC Programming Conf.** AIT Team, Shaikh Naem, SE Comp, Amitav, TE (Comp) and Rahul Yadav, BE Comp

qualified for the Pune Gwalior region by securing first position in AIT on 18 Dec 2019 on Codechef. The final was scheduled at IIIT Pune and IITM



Gwalior simultaneously on 14 - 15 Dec 2019. Out of 128 teams, AIT ranked at 05<sup>th</sup> position. They are qualified for the Asia West Championship scheduled at Kolkata in Jan 2020 where top teams from Pakistan, Bangladesh and Iran will also take part.

8. **Internships with Microsoft Corp.** Six Students of TE(Comp) and two students of TE(IT) have been selected to undergo internships with Microsoft at Hyderabad in Jun-Jul 2020. Some of these students are likely to be picked up for pre-placements by Microsoft. Microsoft CTC highest package is Rs 39 Lakh.

9. **AIT Students Create History in NEC Hackathon.** AIT student teams won all first, second and third prizes; taking home total prize money of Rs 5 Lakhs, in the prestigious NEC – National Level Hackathon, held at IIT Delhi on **11 & 12 Jan 2020**. The Hackathon Theme was “Digitalizing Rural Education” and had over 4000 participants including students from IITs/ IIITs; as well as expert programmers from corporate. The teams of AIT which won prizes are :

- (a) 1<sup>st</sup>Prize : AIT Alumni - Anirudha Murali, Swastik Shrivastava, Rajat Rawat and Rohan Chaugule.
- (b) 2<sup>nd</sup> Prize :Shailesh Sahu, Shivam Kumar, Arpit Mishra and Shivam Singh (all TE Comp).
- (c) 3<sup>rd</sup>Prize :Sagar Vats and Ashok Singh, (all TE Comp).



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

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

Druppel, 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.

## **AIT College Achievement Including Faculty**

10. **AIT Day Celebrations.** AIT foundation day as part of Silver Jubilee Celebrations was celebrated on 24 Feb 2019. GOC-in-C was the Chief Guest. As part of the celebrations the following activities were carried out:-



- (a) Launching of AIT song.
- (b) Release of Coffee Table Book.
- (c) Felicitation of all previous Directors, Joint Directors and Principals.
- (d) Presentation of life time achievement award to Mr MS Unnikrishnan, MD & CEO Thermax, Pune and successful entrepreneur award to Mr B Sateesh Chandrashekhar, CTO & Co Founder, Ideavate Solutions Pvt Ltd.



11. **Dataquest Ranking.** Director AIT and Training & Placement Officer 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.



12. **Ranking : AIT.** Ranking of AIT (National & Regional) for year 2019 is as follows :-

Ser No	Agency/ Survey	Overall Ranking Including IITs and NITs	Ranking in Private Colleges	Ranking in West Zone (Including IITs/NITs)
(a)	NIRF	91	33	6
(b)	The Week	64	26	6
(c)	Outlook	30	21	6
(d)	India Today	62	35	6
(e)	Dataquest	14	5	4

13. **MHRD IIC Certificate.** AIT has been rated with 4 stars for its performance in Innovation activities by MHRD's Innovation Cell, Govt of India. There are 150 institutions in Western Region out of which 21 Institutions are rated with 4 stars and AIT is one among the 21 institutes in Western Zone.



14. **Gold Medal.** Dr Ganesh Mundhe who recently defended his PhD thesis, on 30 Mar 19, has been awarded Gold Medal for Best Thesis in Mathematics subject in SPPU.



15. **CSI Awards.**

(a) Dr Ashwini Sapkal received the “Longest Continuous SBC (Student Branch Coordinator) award” and “Paper Presenter Award” at CSI Annual Convention Year 2020, held at KIIT, Bhubaneswar from 16th to 18th Jan 2020.

(b) Ms Vaishali Ingale and Mr GM Walunjkar, Asst Prof, IT Dept have also received the “Paper Presenter Award” at CSI Annual Convention Year 2020, held at KIIT, Bhubaneswar on 18th Jan 2020.



## Sports and Adventure

16. **Iron Man Triathlon.** Ms 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.



17. **Squash.** SPPU women's team representing SPPU, stood 4<sup>th</sup> at All India University Squash championship held at Manipal University, Karnataka on 18 Oct 2019. Following AIT students were part of university playing team:-

- (a) Ms Palrika Mohan, BE Comp.
- (b) Ms Amtul Maswara Khan, SE Comp.
- (c) Ms Subhangini Pandey, SE E&TC.



18. **Guinness World Record.** 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+ km in 8 days 9 hours and 48 mins (21 Oct to 29 Oct 2019).



19. **Best College in Sports : 2018-2019.** AIT has been awarded the best college in Sports 2018-19 by Savitribai Phule Pune University (SPPU).



20. **Trekking to Rajgad.** Nature's Club, AIT organised a trekking to Rajgad Fort on two consecutive weekends as follows:-

(a) **04 Jan 2020.** 60 students and staff participated in 18 kms trek.

(b) **11 & 12 Jan 2020.** Cycling -cum -Trekking at Rajgad on 11-12 Jan 2020 with stay at the Fort for night 11 Jan 2020 for all participants. 79 students and six staff members took part in this phase of the trek. The trek took about 2 hours to reach the Rajgad Fort. In second phase, on 12 Jan 2020, 59 students and four staff members carried out trek from Rajgad Fort to Torna Fort. The trek took around 5 hrs and about 1.5 hrs to climb down to Torna Parking



## Miscellaneous

21. **NSS Camp.** One week NSS Camp sponsored by SPPU was conducted from 08-14 Jan 2020 by NSS Club, AIT at Dehugaon. 50 students and six staff members participated in the camp. Activities included:-

- (a) River Cleaning.
- (b) Tree Plantation.
- (c) Seva in Dehu Temple.
- (d) Cultural Pgme on National Integration.
- (e) Guest Lectures on Personality Development, Youth Development Environment Protection etc.

