

TEAM ENSEMBLE

SIH 2020 IDEA

College Code : U-0467

NIRF-2018: NIT Trichy No.1 among NITs

Sampath Kumar | tnn | Apr 4, 2018, 01:17 IST

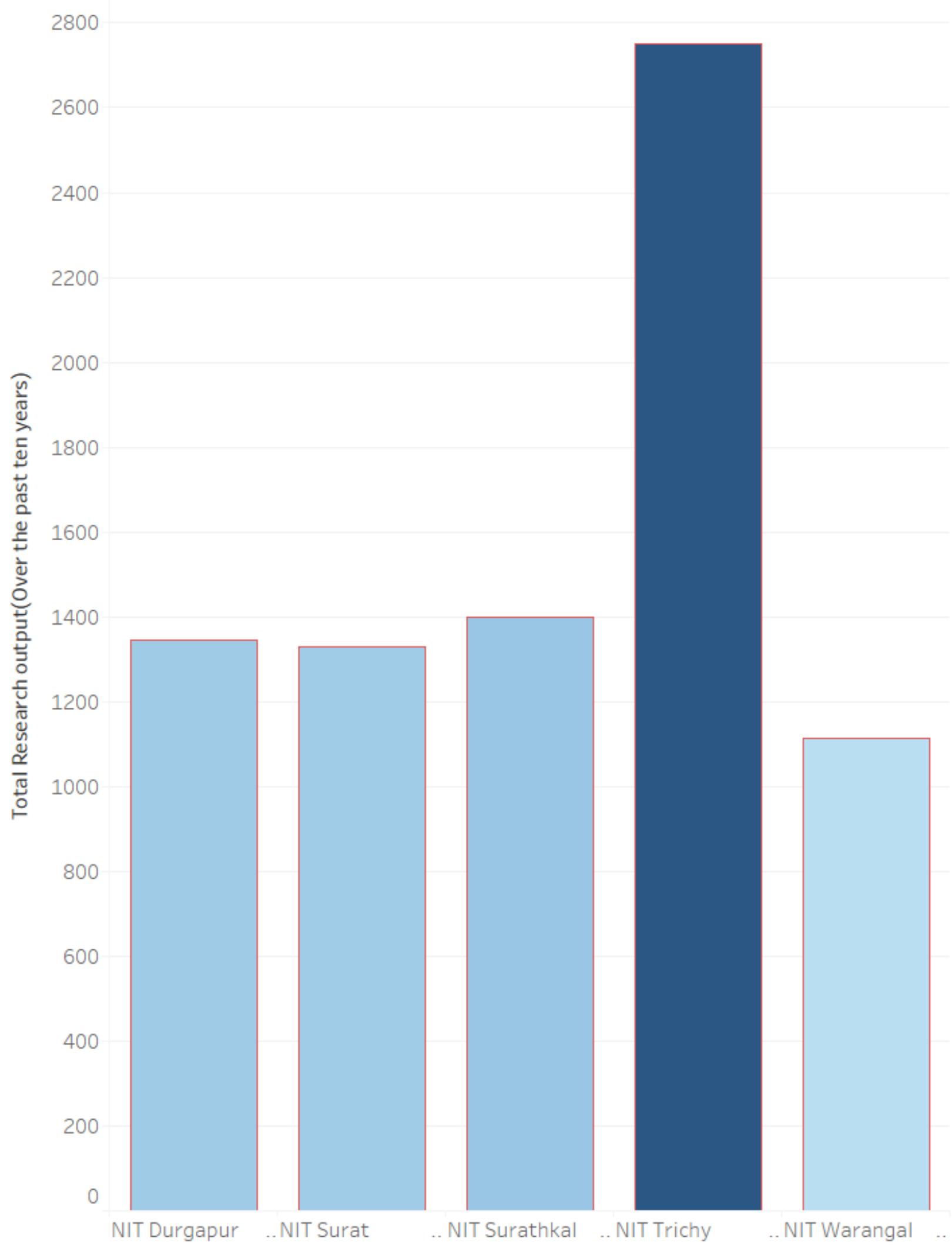


A-

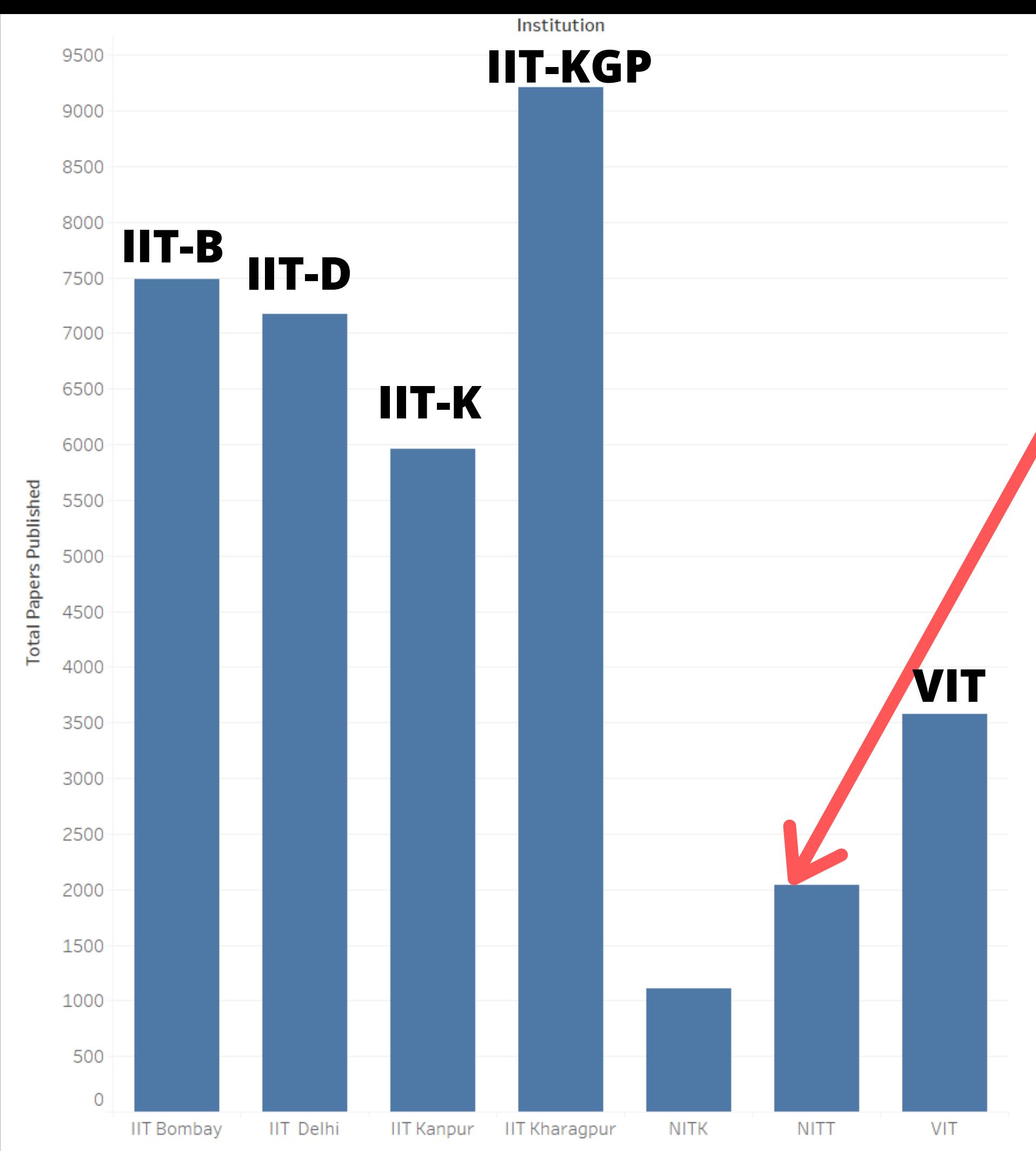
A+



Trichy: National Institute of Technology (NIT) Trichy retained its first position amongst its 31 counterparts in the country in the National Institutional Ranking Framework (NIRF) 2018 ranking (engineering) released by the Union ministry of human resource development on



BUT.....



NIT-TRICHY

IIT Madras develops AI tech to convert brain signals of speech-impaired humans into language

IIT Madras researchers have developed an Artificial Intelligence system that can convert brain signals of speech impaired humans into language. The breakthrough in this field of research is that the researchers can potentially interpret brain signals in a similar way as plant photosynthesis process or their response to external stimuli.

IIT Delhi bags ₹765 crore of research projects

2 min read . Updated: 07 Nov 2019, 08:25 PM IST

Prashant K. Nanda

- According to IIT Delhi, the growth in research projects and its value is much higher than what it used to be few years back
- One of the biggest research projects it is pursuing is in the field of enhancing India's science, technology and innovation policy

IIT-Hyderabad researchers make headway in potential treatment of ALS

The researchers have identified a molecule called AIM4 and the mechanism through which it could help in the treatment of the disease. ALS is a rare and debilitating neurodegenerative disorder that affects the voluntary movement of the muscles and can even lead to paralysis or death.

IIT-Madras creates ‘Shakti’, India’s first microprocessor

IIT Madras researchers develop method for enhanced Vitamin E production

Researchers at the Indian Institute of Technology Madras have engineered sunflower plant cells to enhance their production of Vitamin E by ten times. It can pave the way for

IIT Kharagpur develops AI system to read legal judgments

A team of researchers at the premier engineering institute’s Department of Computer Science and Engineering used a novel method to automate the reading of a legal document by using a more evolved Machine Learning technique.



HARVARD
UNIVERSITY

WHY IS USA A SUPERPOWER?



Stanford
University

Top 10 (Global)

Rank	Overall score	University	Country
1	100.0	Massachusetts Institute of Technology (MIT)	US
2	99.2	Harvard University	US
3	99.0	University of Cambridge	UK
4	98.9	UCL (University College London)	UK
5	98.8	Imperial College London	UK
6	98.7	University of Oxford	UK
7	96.8	Stanford University	US
8	96.5	Yale University	US
9	96.2	University of Chicago	US
10	96.1	California Institute of Technology (Caltech)	US

Source: topuniversities.com

WE NEED TO

INNOVATE

HIGH QUALITY
RESEARCH

PROMOTING
RISK TAKING

PROBLEMS

- Amazing placements, but very little to no innovation
- Low research output
- No culture of taking risks, entrepreneurship - no startup culture

SOLUTION

A PLATFORM TO

- ANALYSING TRENDS TO PROVIDE INTELLIGENCE ABOUT
- MAKE CITIZENS ALERT ABOUT UNSAFE PLACES
- STUDENTS PROFESSOR S
- INDUSTRY/ INVESTORS

SOLUTION KEY STAKEHOLDERS

- EVERY CITIZEN
- TOURISTS
- POLICE PERSONNEL
-

Future Roadmap

INVESTOR
FRIENDLY

EXPAND TO
OTHER
COLLEGES

GLOBAL IMPACT

RELIABLE METRICS

Lots of research needs to be done to measure innovation.

TO BE SOLVED

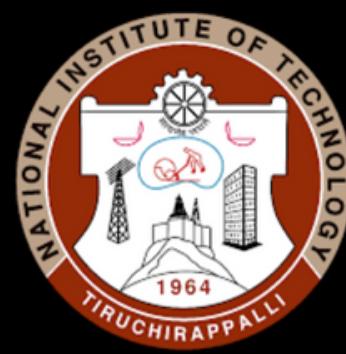
CONFLICT RESOLUTION

Policies to resolve conflicts between parties

DEALING WITH INDUSTRY AND INVESTORS



Innovate



Transforming NIT-T's Innovation landscape

Department Where do
Home Projects stats we stand? About Us Resources Terms &
Conditions FAQ PROFILE LOGOUT

Though we are the no.1 NIT, we have a long way to go to become the best nationally as well as globally. We have amazing placements, but we really have little to boast about our work.

In line with the director's vision of making our Top-100 global institute, this platform aims to make and sustain a culture of innovation and true engineering at NIT-Trichy.



OUR VALUES

MISSION: Our mission is to encourage students to take up research in their field of interests. We aim to support students and provide them with all the opportunities to innovate.

VISION: Our vision is that in the future our students working with professors fulfill their potential and leave an impact on the society. We hope to make NIT Trichy one of the top institutes in the entire world.

FEATURES

What we offer



OPPORTUNITIES



PASSION



EASY COMMUNICATION

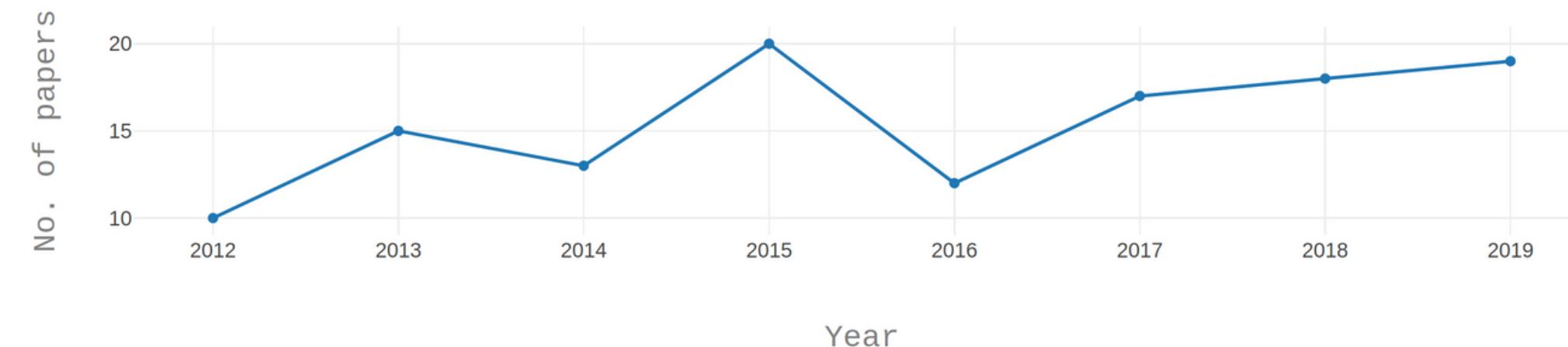


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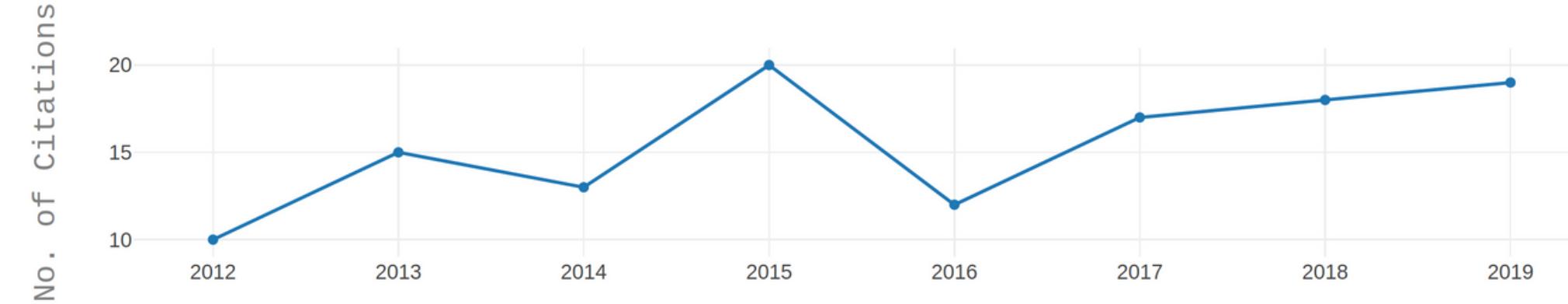
CHEM CIVIL CSE ECE EEE ICE MECH META PROD **COMPARE**

Computer Science and Engineering dept

No. of papers published over the years



No. of citations over the years





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Resources



Getting started with ML

It's easy to get lost in the ocean of articles and tutorials on the internet. This is a comprehensive guide to diving into the world of ML and AI

By : [Raj](#)



How to be an effective researcher?

Being a good research can be difficult. It requires a lot of patience, curiosity, endurance to find something worthwhile.

By : [Angad Bajwa](#)

NAME : KASHI RAM



Department : CSE

Innovation

Bio :

Index :

- Areas of Interest :

Blockchain

NLP

Automata

Computational Complexity

8/10

25

15

7

Followers

Following

Projects

+ Follow

inLinkedIn

GitHub

Projects

Predicting concrete strength using ANNs

Computer Science & Engineering dept Completed

Feedback : Amazing, good knowledge, Team player

Rating : 5/5



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Transforming NIT-T's Innovation landscape

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Professor profile

NAME :
DR. MUTHUSWAMY



h-Index : 15



Department : CIVIL

- Areas of Interest :

[Transportation](#) [Urban planning](#)

25

15

7

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Listed projects

Projects

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Search by domain,team,dept..

Search

PREDICTING CONCRETE STRENGTH USING ANNS

By : Computer Science & Engineering dept Completed

Posted by : Dr. Joseph

Domain(s) : Concrete ML ANN Deep learning

Pre-requisites(s) : ANN ML Concrete Python

Approx duration : 6 months

Phone : 9988776653

E-mail : joseph@nitt.edu

Required : 1

[I WANT TO WORK](#)[I WANT TO FUND](#)

SMART INTELLIGENT TRAFFIC ACCIDENT MONITORING SYSTEMS

By : Computer Science & Engineering dept Not yet started

Posted by : Rajdeep

Domain(s) : Image recognition

Pre-requisites(s) : Python Machine learning Deep learning

Approx duration : 6 months

PREVENTING FARMER SUICIDE USING DATA ANALYTICS

By : Civil Engineering dept Not yet started

Posted by : Dr. Muthu

Domain(s) : Data analysis Time series

Pre-requisites(s) : Python Data science ML Time series

Approx duration : 6 months

Phone : 9988776633

E-mail : muthu@nitt.edu

Required : 4

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MOBILE APP FOR SHARING OR POOLING OF TRANSPORT FOR AGRICULTURE PRODUCE TO MARKET

By : Computer Science & Engineering dept Not yet started

Posted by : Sai Tejas

Domain(s) : Software

Pre-requisites(s) : c/c++ python java

EARLY PREDICTION OF SEPSIS

By : DataBase Not yet started

Posted by : Vishnu Priya

Domain(s) : ML Medicine

Pre-requisites(s) : Python ML DL

Approx duration : 3 months

Phone : 9933221133

E-mail : priya@nitt.edu

Required : 3

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Projects

POST NEW PROJECT

FIND CANDIDATES

CONFIRM

USING

Statement of Purpose

Kindly read the T&C before applying.

Do you confirm your application?

*Your profile will be made available to the concerned person for shortlisting.

YES NO

Domain(s) : Software

Pre-requisites(s) : c/c++ python java

Approx duration : 1 month

Phone : 9677135980

E-mail : teja@gmail.com

Required : 3

I WANT TO WORK

ACCIDENT

MOBILE APP FOR SHARING OR POOLING OF TRANSPORT FOR AGRICULTURE PRODUCE TO MARKET

By : Computer Science & Engineering dept

Posted by : Sai Tejas

Domain(s) : Software

Pre-requisites(s) : c/c++ python java

Approx duration : 1 month

Phone : 9677135980

E-mail : teja@gmail.com

Required : 3

I WANT TO WORK

Recommended candidates

Search by domain,team,dept..

Search

NAME : ANGAD BAJWA



Department : EEE

Year : 3

Innovation

Bio : Hard working,micro
manages all task,analytical

Index : 8/10

CGPA : 9.00

- Areas of Interest :

ML Data visualisation Football

NAME : AKSHAY PAI



Department : CSE

Innovation

Year : 4

Index : 8/10

Bio :

CGPA : 9.30

- Areas of Interest :

Cryptography Blockchain ML

NAME : KASHI RAM



OUTCOMES

- Increased research output
- Boost to entrepreneurship
- Increased collaboration between
Academia and Industry
- Climbing up the Global rankings



ANGAD SINGH

2nd year EEE



SUGITH

2nd year EEE



JAYDEEP CHAWDA

2nd year CHEM



VIJITENDRA

2nd year CSE



RAJVIJAY

4th year CSE



VISHNU PRIYA

2nd year CSE

THANK YOU!