

# ANNUAL DIGEST




## NEWS LETTER

2020-2021

### Vision

To emerge as a center of excellence producing globally competent and morally sound professionals in the field of information technology who'll practice commitment to their profession and dedicate themselves to the service of mankind.

### Mission

-  To provide strong knowledge base to students in the area of Information Technology and to train them as per the requirement of industries and research organisations.
-  To develop state of art laboratories providing relevant practical inputs to students.
-  To facilitate industry interaction to the benefit of stake holders and motivate teachers for the continuous improvement of their academic standards.

### PSO'S

#### Program Specific Outcomes

-  Design reliable and efficient software systems using software design principles. Algorithm design techniques and data structures.
-  Select appropriate software, hardware and networking environment for IT needs of any organisation.
-  Use modern technologies such as Artificial Intelligence, Big Data, Cloud Computing for building real world applications.

**“Technology is unlocking the innate compassion we have for our fellow human beings.”**

**-Bill Gates**





## Enrichment

Conducted – Online Training Classes for pre final and final year students for their placements. Classes were based on subjects like **Basic programming, Logical Reasoning, OS, DBMS, Networking** etc. These classes were focused on requirements of companies **ZS Associates, Amazon Web Services, Google** etc.

MoU's with several Industries such as **Live Smart Solutions, One Root Technologies, ICT Academy, Oracle Academy, Internshala, Youth4work, Pepcoding**.

Resource centre for **IIT Bombay** Spoken Tutorial project of Delhi region. Conducted 210 workshops till date.

## Webinars

Four webinars were conducted by IT Allumini on **Alma Maters-**



| Weekend                                | Session                                | Topics Covered  |
|--|--|---|
| 5 <sup>th</sup> June 2021<br>Saturday  | Welcome & Introduction                 | <ul style="list-style-type: none"> <li>• Introduction of initiative</li> <li>• Introduction of team</li> <li>• Introduction from corporate</li> <li>• Team expectation and learnings</li> </ul>   |
| 12 <sup>th</sup> June 2021<br>Saturday | Industries and career path exploration | <ul style="list-style-type: none"> <li>• Introduction to software dev, AI and ML</li> <li>• Introduction to non tech roles and industries</li> <li>• Introduction to product management, technical consulting and business analysis</li> <li>• Q&amp;A</li> </ul> |
| 19 <sup>th</sup> June 2021<br>Saturday | Networking and Job Hunt                | <ul style="list-style-type: none"> <li>• Online networking</li> <li>• Offline networking</li> <li>• Job applications</li> <li>• Designing resume according to industry requirements</li> </ul>  |
| 26 <sup>th</sup> June 2021<br>Saturday | Guest session                          | <ul style="list-style-type: none"> <li>• Interview tips from industry veteran</li> <li>• Managing initial years of your career</li> </ul>   |





# NSS



## World Environment Day

( 5th June 2021)

NSS Unit IT BPIT organized event on World Environment Day 2021 where more than 240 students and faculty members used social media to spread awareness about environment restoration.

## International Day of Yoga 2021

( 21st June 2021)

A virtual event was organized by NSS on the occasion of yoga day where students enthusiastically participated in yoga quiz.

## VISIT TO SLUMS

(16th August – 31st December 2020)

Nss volunteers went to nearby slums to spread awareness among residents about dengue and its prevention.

## FOOD DONATION DRIVE

(OCTOBER 2020)

Nss team donated food to the less fortunate

## YOG KARE NIROG

(24th Sep 2020 – 30th Sep 2020)

A week long initiative by the nss team who were joined by people from around the world to highlight the importance of yoga .

## BOOKS DONATION DRIVE

(26th-30th September 2020)

NSS volunteers distributed unused books to the children at a homeless shelter in rohini

## Prevention of Sexual abuse & Trafficking against Children

(OCTOBER 2020)

Nss volunteers of the IT department expressed their views on Prevention of Sexual abuse & Trafficking against Children in a webinar organized by a registered ngo in delhi.

## CUP DISTRIBUTION AMONG CLERICAL STAFF

(20th November 2020)

NSS volunteers decided to appreciate all the hard work done by our clerical staff by gifting them cups on Diwali.

## Vigilance Awareness Week

( 27th October 2020 - 2nd November 2020)

NSS took this initiative wherein more than 270 students took the integrity pledge along with interesting prize winning competitions.

## Prakash Parv

( 20th January 2021)

NSS unit BPIT celebrated the 400th Prakash parav of Guru Tegh Bahdur Ji by organizing a virtual meet on 26th March 2021.

## World No Tobacco Day

(31 May 2021)

NSS UNIT BPIT, in collaboration with the World Health Organization, organised a World No Tobacco Day and encouraged people to quit smoking.



# # Define Highlights



1. The society #Define was established on 4th of September, when the Former PayTM Vice President, Mr. Saurabh Jain, graced us with his presence. The goal of the session was to promote **open education solutions** that would help India meet its demands.
2. A hands-on session on "**Introduction to GitHub and Open-Source**" was conducted about the annual open-source programme Hacktoberfest and eligible students also received T-Shirts and cool swags from Digitalocean, Germany.
3. In collaboration with Progate, Japan organized a week-long programme on **web development**. The students were exposed to new technologies such as Git, Github, HTML, CSS, Javascript.
4. A webinar with Euinac on **Cyber Security** which was presided over by Mr. Anshul Pandey on how to avoid cyber frauds using real-life scenarios .
5. A session on Getting Started with **Open Source** where the speakers taught students as they made their first commit on GitHub.
6. A webinar on **Linux** to familiarize students with the OS where the speaker provided us a step-by-step guide on to install Kali Linux on our PCs and installed it in front of around participants.
7. #Define worked jointly with Newton School to make "**Grand Coding Contest**". The students stude a chance to win prizes worth 5 Lakhs.
8. Nishant Singh (Software Engineer at Google, ex-intern at Sprinklr) who shared valuable insights and provided a roadmap that they could follow to get into **Competitive Programming**.
9. A webinar on **Data Structure** which was presided over by Mr. Prateek Narang (Founder, Coding Minutes and SDE-III at Google).

**#DEFINE** **BPIT**

MENTOR  
SAURABH JAIN  
VICE PRESIDENT  
PAYTM

01 SEPTEMBER 2019  
**BUILD FOR INDIA  
CAMPAIGN**  
BHAGWAN PARSHI RAM INSTITUTE OF  
TECHNOLOGY

12:00 PM ONWARDS

HARSHIT 9899010100  
www.hashdefine.tech

PREETI 9240312303  
@hash.define

**Hacktober  
FEST  
2020**

#DEFINE GitHub

presented by DigitalOcean intel

Explore the  
open source  
world

get assured  
swags and  
goodies

A WEBINAR ON  
**OPEN SOURCE  
FOR BEGINNERS**

20.10.20 | 6PM  
Platform-  
Google meet  
E-certificate will be provided  
For BPIT students only

**#T.W.E.A.C.K  
Presents  
Introduction  
To  
LINUX**

#DEFINE

SPEAKER  
MR. RUDIT BANSAL  
CO-FOUNDER OF  
CODERS HUB  
ACKNOWLEDGED BY  
NCIIPC

May 17th, 2021  
07:00 P.M. onwards  
M.S. Teams



# Student Achievements



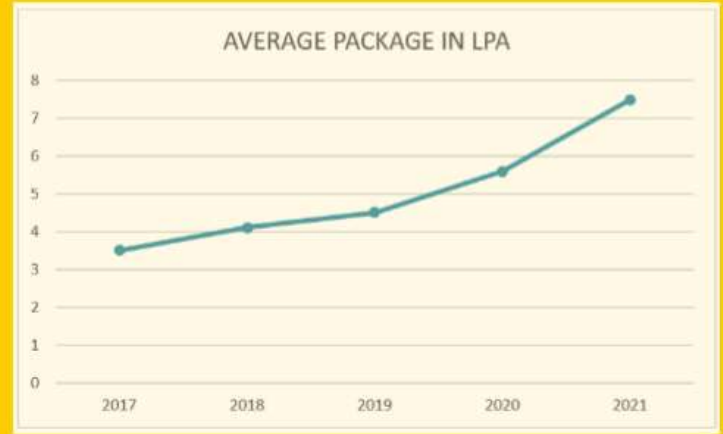
## Cultural

- Jaya Srivastava (2nd year) ,Abhishek Behl(2nd year) , Mohammad Immamudin(2nd year) have secured the 1st ,2nd, 3rd position respectively in the Slogan Writing event on "World Population Day" in July 2021.
- Shrey Rehani(3rd year) and Nandita Upreti (3rd Year) won 1st and 3rd position respectively in Rotract club Competition RRR one in Dec 2020.
- Pranav Verma(3rd Year) won 3rd position in Poem Recitation at the Prakash Parv Event organised by NSS department March 2021 .
- Nishchay Gupta(3rd Year) won 1st position in Creative Writing Competition(English) at the Prakash Parv Event organised by NSS department of BPIT March 2021 .
- Hritik Kesharwani(3rd year) secured the 1st position in Digital Poster Making and 4th position in Project RRR at an even organized by NSS department in Dec 2020.
- Pratik Tiwari(2nd year) ,Tushar Bansal(2nd year) , Yashika Gupta(2nd year) have secured the 1st ,2nd, 3rd position respectively in the Poster making event on "World Population Day" in July 2021.

## Technical

- Nishchay Gupta(3rd Year) won 2nd position in Skillenza organised by Dronacharya College of Engineering , 7May 2021.
- Nishchay Gupta(3rd Year) won 5th position in Programming Quiz (DSA-CP) organised by CodeChef SIT Pune chapter, Symbiosis Institute of Technology, 6 May 2021.
- Sarthak Mishra (3rd year) won a hackathon organized by National Crime Records Bureau for creating a malware defense tool called laxman Rekha that will be integrated in CCTNS network deployed at central government network in Feb 2021.
- Dhairya Bhal(2nd year) and Rohan Gupta (2nd year) were part of the Microsoft Learn Student Ambassador (MLSA) program 2021
- Dhairya Bhal (2nd year) was part of the Google Summer Of Code program June 2021.
- Sidharth Sahani secured the 2nd position in UNISCRIP 2K20 organized by Fr. Conceicao Rodrigues College of Engineering in November 2020

# Placements.



## 2021

| SNo. | Branch | No. of offers | Highest Package | Average Package |
|------|--------|---------------|-----------------|-----------------|
| 1.   | CSE    | 174           | 41.86           | 9.25            |
| 2.   | IT     | 86            | 20              | 6.9             |
| 3.   | ECE    | 127           | 30.25           | 6.5             |
| 4.   | EEE    | 26            | 7.93            | 5.24            |
| 5.   | Total  | 414           | 41.86           | 7.5             |

## 2022

| SNo. | Branch | No. of offers | Highest Package | Average Package |
|------|--------|---------------|-----------------|-----------------|
| 1.   | CSE    | 43            | 10              | 6.22            |
| 2.   | IT     | 24            | 29              | 7.59            |
| 3.   | ECE    | 30            | 10              | 5.25            |
| 4.   | EEE    | 5             | 6.01            | 4.4             |
| 5.   | Total  | 101           | 29              | 5.8             |



amazon

HCL

Cognizant

TCS | TATA CONSULTANCY SERVICES

wipro

Microsoft

HashedIn  
by Deloitte

JGC

Adobe

Infosys



# DEPARTMENTAL ACHIEVEMENTS

- Prof (Dr) Abhishek Swaroop was awarded as “Supervisor of the Year Award” from 2nd Universal Innovator Leadership Awards (UILA 2021) on Feb 2021.
- Dr. Nitish Pathak was awarded as a Keynote speaker on “Artificial Intelligence for Engineers” at 3rd ICRTST-2021, June 2021.
- Prof (Dr) Abhishek Swaroop was awarded as Editorial Chair in DOSCI-2021, Springer conference.
- Dr. Nitish Pathak has 3 international (1 granted and 2 filed) and 3 national patent published in 2021.
- Prof (Dr) Abhishek Swaroop has 1 international and 1 national patent published in 2021.
- Dr. Nitish Pathak was appointed as Session Chair in ICCCS, Feb 2021.
- Ms. Varsha Sharma successfully outstripped the National Level Quiz on python language held on 2 July 2020 by IIT Bombay.
- Ms. Pooja Mudgil successfully outstripped the National Level Quiz on python language held on 2 July 2020 by IIT Bombay.
- Mr. Shailendra Gaur was appointed as the committee member of “Procurement of platform and specialized tools/services for Incident Response and Security Auditing Activities” at Indian Computer Emergency Response Team (CERT-In).
- Ms. Varsha Sharma successfully outstripped the National Level Quiz by 85% on R language held on 22 June 2020 by IIT Bombay.
- Ms. Pooja Mudgil successfully outstripped the National Level Quiz by 85% on R language held on 22 June 2020 by IIT Bombay.



# PATRONS

Shri Atam Prakash Kaushik (Chairman)

+ Padam Shri Surender Sharma (Sr. Vice President)

Shri Vinod Vats (Gen. Secretary)

Shri Ram Babu Sharma (Secretary)

Prof. Payal Pahwa (Principal)

Prof. A.K. Tandon (Founder Director)

Prof. Y.D. Gaur (Executive Director)

• Prof. (Dr.) Abhishek Swaroop (HOD IT&TP)

## FACULTY FACILITATOR

-Ms. Varsha Sharma (Assistant Professor)

## STUDENT COORDINATOR

- Kanika Bansal IT-B (2nd Year)

- Vikrant Singh Bhadauria IT-C (2nd Year)

