

## **Department of Computer Engineering**

It gives me immense pleasure to inform you about the achievements and developments that took place in the Department of Computer Engineering, GIT-Level (in brief)

The Department of Computer Engineering emphasizes on exposing the students to Computer Programming, Software Development Skills and Data Analytics to cope up with Computer Engineering/IT/Software Industry Demands.

The department takes initiative to make students competent in the software field by bridging the gap between Industry Skills and Demand by organizing various Guest Lectures, Seminars, Workshops, Training Programs by eminent persons from best industries and institutes.

Industry Internship Programmes are also initiated by the department. Keeping Industrial requirements in mind, MOU with IT organizations like Red Hat, Huawei have been signed for exchanging Knowledge, Project Development, Training by Experts etc.

Some of the notable achievements and developments are as follows:

### **STUDENTS ACHIEVEMENTS:**

1. THREE Students (PATIL AVDHUT, PARANJAPE ATHARVA, VICHARE ADITY) secured 10/10 pointer in University Examination June 2020.
2. TWO Students namely Mr. Avdhut and Mr. Atharva secured 10/10 pointer in University Examination Dec 2019.
3. In Association with Huawei, an Virtual training on HCIA – Routing and Switching is conducted between Aug-Sep 2020.
4. In Association with Huawei, an Virtual training on HCIA – Artificial Intelligence is conducted between Aug-Sep 2020. The certification upon completion of examination is one of the prestigious documents in the student's pocket.
5. In collaboration with Coursera 50+ students & Faculties completed at least one course from June-Sep 2020.
6. The project entitled “Vegetable Price Prediction using Machine Learning” by Omkar Mahajan, Gaurav Shukla and Parth Shirka under the guidance of Prof.D.N.Londhe was selected at zonal level as well as University level in a project competition named AVISHKAR which is organized by Mumbai University for the batch 2019-20.
7. Three groups led by Ms. Shrutika, Mr. Shubham and Mr. Atharva were selected for presenting their start-up ideas in the Konkan Region Start-up competition named "Ideathon" in 2019-20.
- 8.

9. Placement Record of the batch 2019-20

Sr. No.	Name of the Student	Company	Package LPA
1	Parth Shirke	Grey Atom	4.68
2	Avinash Sakpal		4.68
3	Onkar Mahajan		4.68
4	Haseeb Pote		4.68
5	Snehal Mangore	Chegg India	3.6
6	Atharva Redij	Tata Consultancy Services (TCS)	3.36
7	Mayur Sawant		3.36
8	Gaurav Shukla		3.36
9	Atharva Redij	Sanky Solutions	3
10	Onkar Mahajan		3
11	Onkar Mahajan	Webtech Developers	3
12	Gaurav Shukla	Rheal Software	2.5
13	Rutuja Rdi		2.5
14	Amey Palshetkar		2.1
15	Snehal Mangore	Teksun Microsys	2.1
16	Haseeb Pote		2.1

**DEPARTMENTAL ACHIEVEMENTS/ ACTIVITIES:**

- Organised Invited Guest Lecture on "Cloud Computing" by Mr. Parthasarathy Chakrabarty, Director, Cloud Operations, Oracle, Bangalore on 29th February 2020.
- Organised Invited Guest Lecture on "Algorithms for Networked World" by Prof. Dr. Vivek S. Borkar, Institute Chair Professor, Indian Institute of Technology Bombay, Mumbai, on 07th March 2020.
- Organised Invited Guest Lecture on "Novel Robot Applications" by Dr. T. A. Dwarakanath, Scientist H, Robotics and Remote Handling Division, BARC, Mumbai, on 07th March 2020.
- ASCEE - the Students Society of this department has organized a session "Career in Software Testing" on 26th Sep 2019 and various academic and cultural activities like Poster presentation, patriotic drama on Independence day etc.,

14. Organized Industrial Visits for Students with Faculty on February 15, 2020 at B.K.SMART SOLUTIONS ,AURANGABAD, (A startup incubated by Centre of Technical Skills and Entrepreneurship (CTSE) Department of CSMSS, Chatrapati Shahu College Of Engineering, Aurangabad)
15. ASCEE – the Students Society of the department has also celebrated Teachers Day on Sep 5,2020 in the pandemic environment.
16. ASCEE – the Students Society organized an expert talk on "Human Machine Interaction and It's Career Opportunities in IT Industry" on 26/09/2020 from 11.00 am onwards.
17. Webinar on Ethical Hacking organized by Mr. Sameer S. Tathare on 10/05/2020-Resource Person was Mr. Shreyas Karande, Alumni of GIT, and presently working with Hackers Era, Pune.
18. ASCEE – the Students Society of the department has also celebrated Teachers Day on Sep 5,2020 in the pandemic environment.

## **FACULTY ACHIEVEMENTS**

19. All the Faculty Members are having experience of 8-27 years with Two having Ph.D. and Four are pursuing Ph.D.
20. Dr. Anirudh K. Mangore, Assistant Professor of the department, defended the PhD thesis, titled as “Privacy of big data in the health monitoring system.” from Bharath Institute of Higher Education and research (Bharath University), Chennai.
21. Dr. R.R.Bane, Associate Professor of the department,
  - Awarded with NPTEL certificate for the course “Deep Learning-Part 1” by IIT Madras.
  - Published a paper titled as “Identification of Carbon Monoxide Levels”, in International Journal of Innovative Technology and Exploring Engineering, IISN: 2278-3075, Volume-9 Issue-4, February 2020.
22. Dr. Anirudh K. Mangore, Assistant Professor of the department,
  - Published a paper titled as “Efficient cryptographic encryption techniques for data privacy preservation”, in International Journal of Innovative Technology and Exploring Engineering, IISN: 2278-3075, Volume: 8, Issue: 7S, May 2019.
  - Published a paper titled as “Privacy Preservation in Healthcare Monitoring System”, in International Journal of Innovative Technology and Exploring Engineering, IISN: 2278-3075, Volume: 8, Issue: 6S, April 2019.

23. Mr. Amol Salunkhe has developed a wonderful easy to use e-learning system accessible from outside GIT campus. This brought a fruitful platform to go through all lecture recordings and many academic related documents with respect to each subject.
24. Prof. Pratik V. Oak, Assistant Professor of the department,
- Published a chapter namely “Specular Reflection Detection for Early Prediction of Cervix Cancer” in Emerging Trends in Electrical, Communications, and Information Technologies of Springer, Jan 2020.
  - Published a paper titled as “Specular Reflection Detection and Substitution: A Key for Accurate Medical Image Analysis”, in Springer journal of “Lecture Notes in Electrical Engineering (LNEE, volume 570), Nov 2019.
  - Shortlisted his idea named as “CASE- A Single Window Service (Security, Identity Recognition, Energy Optimization under Single Glove)” for final round of “IDEATHON” along with team of two alumni of BE E&TC and three current students of BE Computer, dated 28th Jan 2020.
25. Every Dept. Staff completed at least TWO Faculty Development Programme / virtual training in this pandemic period.