LOCUS

Photo by Nischal Kanishk

inside

FROM THE EDITOR

Hello world!

We are enthralled to present you the fourth edition of our official departmental newsletter – LOCUS.

The past three editions have demonstrated just how amazing our faculty and students are! This issue is yet again a proof that no pandemic can stop our zealous engineers from pursuing their passion and achieving new heights.

Get a glimpse of the budding talent in our department, feed your minds on some thoughtful articles by our students and explore the world of CSE at GIT.

A lot awaits you in the third issue of LOCUS. We hope you enjoy!

BEST REGARDS,

The Editorial Team,
Department of Computer Science & Engineering

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About the Department

The undergraduate course B.E. in Computer Science and Engineering was started in the year 1985 with modest Intake of 45 students. Over the years, the intake has Increased from 45 to 120 and then 180. The post graduate course M. Tech. in Computer Science and Engineering specialization was started in the year 2006 with an intake of 18. The current intake for post graduate programme is 24. The department has well qualified and experienced faculty and eight of the 39 faculty members are Ph. D. holders with an average teaching experience of 15-20 years. We rigorously follow Outcome Based Education Teaching Learning paradigm to ensure improved quality teaching.

VISION

To impart and strengthen fundamental knowledge of students, enabling them to cultivate professional skills, entrepreneurial and research mindset with right attitude and aptitude.

To be center of excellence for Education, Research and Entrepreneurship in Computer Science and Engineering in creating professionals who are competent to meet emerging challenges to benefit society
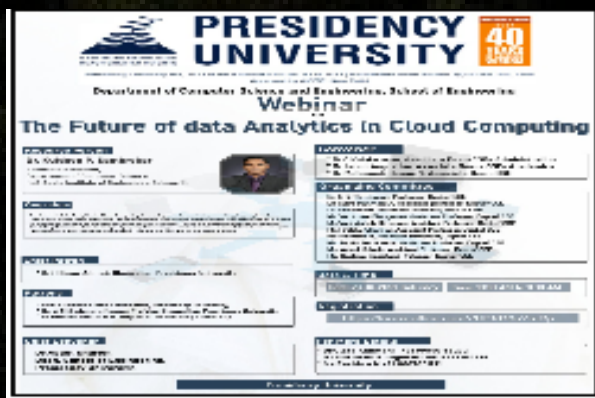
MISSION

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Faculty Achievements

Prof. Sudha Sulakhe submitted a research proposal title " Design and Implementation of Improved password based security system " to Cyber Security Karnataka (CySecK), on 04-10-2021.

Dr. Kuldeep P. Sambrekar was resource person for the Webinar ''The Future of Data Analytics in Cloud Computing" at Presidency University Bangalore on, which was scheduled on 23-10-2021.

Prof. Shubhada Kulkarni has Participated and Completed one month Internship program on "Embeded Systems " organized by IEEE SB Chapter, NITK & PENTECH e-Learning. Internship was scheduled from 13-09-2021 to 15-10-2021

Dr. Sharada Kori has Participated and Completed one month Internship program on "Embeded Systems " organized by IEEE SB Chapter, NITK & PENTECH e-Learning. Internship was scheduled from 13-09-2021 to 15-10-2021

Dr. Sharada Kori has organized an expert talk on "Embedded Systems" on 21-10-2021. Resource person was Mr. Hariharan V, Founder & CEO, Space Zee.

Prof. Gajendra Deshpande presented a talk on "Build Your First Cyber Forensic Application using Python" at PyCon Taiwan 2021 from 2nd October 2021 to 3rd October 2021.

Prof. Gajendra Deshpande delivered a talk on "Securing Django Applications" at DjangoCon US 2021 from 22nd October 2021 to 23rd October 2021.

Prof. Gajendra Deshpande presented a talk on "Multilingual Natural Language Processing using Python" at PyCon Japan 2021 from 15th October 2021 to 16th October 2021.

r. Sharada M. Kori & Prof. Shubhada S. Kulkarni organized 5 days workshop for CSE students on " Embedded Systems & IOT" from 23-11-2021 to 27-11-2021

Prof. Gajendra Deshpande delivered a talk on "Securing Django Applications" at PyCon Hong Kong 2021 on 9th October 2021

Prof. Gajendra Deshpande delivered a talk on "Securing Django Applications" at PyGotham TV US 2021 from 1st October 2021 to 2nd October 2021.

Prof. GAJENDRA DESHPANDE "Multilingual Natural Language Processing using Python" at AI DevWorld 2021 from 24th October 2021 to 28th October 2021.

Prof. Gajendra Deshpande presented online talk on "Python in Education for Generation Z", XtremePython 2021, Israel, on 25-11-2021.

Gajendra Deshpande delivered a talk on "Build Your First Cyber Forensic Application using Python" at PyCon South Africa 2021 on 7th October 2021 to 8th October 2021.

Prof. Kavita D. Hanabaratti, Prof. Arati Shahapurkar, Prof. Sudha Sulake, Dr.. Pavan Kunchur, Dr. Sharada Kori, Prof. Raghavendra Jadhav, Prof. Prasad Pujar have organized Orientation Program for newly joined faculty members to the dept. of CSE.

Prof. Gajendra Deshpande presented Online talk on "Build Your First Cyber Forensic Application using Python", PyCon APAC 2021, Thailand., organized on 20-11-2021 & 21-11-2021.

Dr. Kuldeep P. Sambrekar was the reviewer for the International Conference on Mobile Networks and Wireless Communications (ICMNWC-2021), organized by dept. of Electronics & Telecommunications Engg. Sri Siddharth Institute of Technology, Tumkur in Association with IEEE Bangalore section and co sponsored by Technical Institute of ... 4th

Dr. Sharada M. Kori & Prof. Shubhada S. Kulkarni organized 5 days workshop for CSE students on " Embedded Systems & IOT" from 23-11-2021 to 27-11-2021.

Dr. Umesh Kulkarni has been promoted as Deputy Chief Controller of Examinations w.e.f. 01-12-2021 .

Prof. Gajendra Deshpande presented online talk on "Security Considerations in Python Packaging", Python Pizza Hamburg,on 11-12-2021

Prof. Gajendra Deshpande presented a talk on "Securing Django Applications", Pyjamas Conf 2021, on 04-12-2021.

Prof. Gajendra Deshpande presented a talk on "Security considerations in Python Packaging", Pyjamas Conf 2021 on 04-12-2021.

Dr. Sharada M. Kori, Prof.Sharada G. Kulkarni & Prof. Shubhada S. Kulkarni organised webinar on "Embedded Systems & IOT" by Pentech e-Learning on 30-11-2021

Prof. Gajendra Deshpande was invited as a resource person for two days hands on workshop on Cyber Security at Angadi Institute of Technology and Management, Belagavi from 16th and 17th December 2021

Prof. Padma S. Dandannavar has presented a paper titled " What your tweets say about you - A case study of Extraversion and word usage" at 4th EAI International Conference on Big Data Innovation for Sustainable Cognitive Computing which was organized on 17th and 18th December 2021 at Coimbatore, TamilNadu, India

Prof. Padma S. Dandannavar has presented a paper titled " IoT Adoption : Challenges among Small and Medium Enterprises" at 4th EAI International Conference on Big Data Innovation for Sustainable Cognitive Computing which was organized on 17th and 18th December 2021 at Coimbatore, TamilNadu, India.

Dr.Kuldeep S. Sambrekar has published a research paper titled " Data Analytics for Reshaping the Restaurant Industry ", on 13-10-2021, in International Journal of Creative Research Thoughts

Dr.Kuldeep S. Sambrekar has published a research paper titled " Share Market Prediction Using Twitter Sentiment Analysis ", in International Journal of Innovative Research in Technology on 05-10-2021,

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Student Achievements

GIT Team Wins National Security Hackathon Manthan 2021) The students' team from the KLS Gogte Institute of Technology has won the Manthan 2021, a premier National Security Hackathon jointly organized by the Government of India, AICTE, Ministry of Educations' Innovation cell, and Bureau of Police Research and Development. The first edition of Hackathon was organized remotely. Approximately 3000 teams pan India had submitted the ideas and the top 115 teams made it to the grand finale. The winning team includes Sneha Patil, Sumedha Kulkarni, Rashmi Kadam, Kartik Nanneboina, Aashutosh Murthy, and Sushant Patil. Prof. Gajendra Deshpande, GIT, Belagavi, and Kalyan Prasad Data Scientist, Creative Crewz, Hyderabad mentored the team. The team worked on the problem statement "Analysis of Hinglish Text" where the task was to identify abusive content written in mixed language (combination of Hindi and English words) in social media posts and report the same to the authorities. Governing Council chairman Shri Rajendra Belgaumkar, Management Members, Principal Dr. Jayant Kittur, and HOD CSE Dr. Vijay Rajpurohit congratulated the students for their achievement.

Nimisha G J has successfully completed "Responsive Web Design" developer certification representing approximately 300 hrs of course work on 16-11-2021.

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Arts & Literature

IN THIS ISSUE

MY INTERVIEW EXPERIENCE

It was a thrilling process, once the placements start in the campus, you get into the race. Brillio was the company which started the recruitment process in our college in Sept 2021. You are anxious, always thinking about the placements, the results. Round 1 is the most important round as if you don't clear this round you can't go the next rounds at which you may be good at.

Round 1 was conducted on an apptitude exam so�tware [mettl], apptitude exam was similar to that of exams conducted by Bizotic. Coding on these softwares are bit troublesome, get familiar with it before actually giving the test. Read all the guidelines before starting the test.

Round 2 was a group discussion, always make sure you speak out something as there will be a group of 15 students and each one getting adequate time to speak is difficult, make sure you talk to the point. Starting with the discussion is the best option rather than speaking in between.

Round 3 was Technical interview, here the interviewer asked me all basics of OS, OOP. Also I was asked an aptitude question on Arithmetic Progression and a coding question, which i had to type on the interview interface.

Round 4 was HR round, i received a call from the HR without any prior intimation, make sure you are always around your phone and its not silent. I received the call around 7:30 in the evening and the call lasted for around 30 mins and all the questions asked to me were based on my resume. The results were declared as the entire process was completed for all the students.

TWELVE YEARS A SLAVE.

THE UNFORGETTABLE MEMOIR.

– MEGHAN GHIVARI
3RD YEAR CSE

Author: Solomon Northup
Published Date: 1853
Rating: 4 stars

Synopsis:
This unforgettable memoir was the basis for the Academy Award-winning film 12 Years a Slave. This is the true story of Solomon Northup, who was born and raised as a freeman in New York. He lived the American dream, with a house and a loving family – a wife and two kids. Then one day he was drugged, kidnapped, and sold into slavery in the deep south. These are the true accounts of his twelve hard years as a slave, many believe this memoir is even more graphic and disturbing than the film. His extraordinary journey proves the resiliency of hope and the human spirit despite the most grueling and formidable of circumstances.

Review:
12 Years a Slave a story about slavery, a real, horrible crime, inevitably involves an appeal to reality. It presents a startlingly accurate and verifiable account of the common slave experience in the United States in the (pre-Civil War) South. This book was way ahead of it's time. The writing is pretty different from the other books, initially you feel lost, but after a few chapters I couldn't stop reading it. The book has shown how people were tortured, treated as mere objects. It shows show Solomon Northup was always faith and never gave up. Being sold from one place to another, he always worked hard and was never scared to put his point in front of his masters. Despite the harsh treatment he is subjected to, Solomon does not criticize excessively his masters, no matter how cruel they are to him and to the other slaves. Instead, he argues that society made the slave owners cruel and that it is society's fault that they behaved in such a way. This idea is paradoxical, considering how much Solomon suffered at the hands of the slave owners. This book has many elements like poignant, mournful, dreary, solemn, confused, melancholy, desperate and the tone of the book is straight forward. Patsey is another character you get to know very well throughout the book, and she definitely has had it horrendously hard. I won't talk much about patsey even though I have so much to talk about her. I won't spill the beans for you all. By the end of this book you'll surely be in tears. I recommend it patient readers, and I hope you enjoy it.

HIM...

Every step of mine, he was there but he steps were never heard by me.

Every nightmare, he soothened, calmed me but his sleep were restless.

Every word, might be a small hi to a big cry he heard me but I wasn't

able to even listen to him for an answer.

Every problem of mine diminished when he was next to me, but I wasn't

even trying to reach his place.

Every sign of him carrying for me was given a slight response, though

I expect a huge thing for slight gesture.

He beared as well as rose in his career but still I can't even lip sing and dance.

Huge respect for handling my bossiness and self obsessiveness,

I will try to do same when it's my turn.

– SRISHTY

STUDENT SUCCESS STORY...

I had an assignment in school that asked me to mention, '10 things I wish to achieve in this lifetime'. The first thing on my list was to become a pilot and the second was to become a lawyer. I was educated in Vijayawada. I could read and write English, but I was in comfortable speaking it. But I knew I wanted to graduate from flying school so instead of hanging out with friends, I did study and get the highest grades in class and my family was so supportive never did they say, 'we can't afford the course', despite the fees being astronomical! my parents used their life savings to pay my fees. I promised to give it my all for them. But at flying school I couldn't make friends with other girls as the only spoke in English. I was mocked for my accent. I tried to not let there comments log me down. I told myself,'I am here to learn!'. I did go online and learn how to speak English better. Overtime my confidence grave when I spoke English regardless of the mistakes I made. I was 19 when I graduated! My life's greatest moment came when I got my pilot's licence and then a job. I had to travel to Spain for my 737 training; I was thrilled! When I returned home I took up LLB too! why couldn't I do both? I did make time for my LLB classes as soon as my flight landed. I'd study on the flight and wake up early everyday to be caught up. I did it for 3 years, and past my LLB exams! After that I completed my 77 in London, I was 21. After years of hard work, I became the youngest female commander to fly a Boeing 777. It was so liberating! I did never felt more aware; my senses were awake! I got Goosebumps as a realised I accomplished my dream.

Today, I have over 6000 hours of jet experience, but why stop there? Have started modelling and acting and have launched a business for my parents. But nothing beats the feeling of flying a plane when my parents are the passengers- everytime they heae the captain's announcement, they start clapping!

–MEHEK MANJUCHA, 1ST YEAR, CS.

Art By:-
Nithya Bussety.

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