KARNATAK LAW SOCIETY'S
SHRI VASANTRAO POTDAR POLYTECHNIC
KLS CAMPUS, TILAKWADI, BELAGAVI – 590 006
(Recognized by Govt. of Karnataka & Approved by AICTE, New Delhi)

ESTD : 1939

ESTD:1992

DEPARTMENT OF COMPUTER SCIENCE & ENGG

NEWS LETTER -2020-21

Vision

The department of Computer Science and Engineering shall stand out as nurturing ground for education and learning in the field of information technology with the objective of building information technology professionals of outstanding character, positive mindset and steadfast social responsibility.

Mission

Train the students of Department of Computer Science and Engineering

- To nurture their potential in information technology.
- To develop inquisitive and creative minds for understanding the necessities of information technology field.
- To create professionals for the benefit of human society.

Message from Chairman

At VPP our quest for excellence continues through various initiatives that will help our students place themselves on a career path, that does justice to their capacities and motivation. I look forward for your suggestions and ideas for raising the bar.

-Shri. U.N.Kalkundrikar

Message from Principal

To impart quality education and bridge the industry-institution gap, VPP has established a Centre of Excellence which runs programmes to cater the needs of the students. Memorandum of understanding with the industries is established which helps the students in persuading internship programmes.

To help students get admitted in reputed Engineering colleges, VPP conducts NATA and DCET classes for the students of final year. Your suggestions are most welcome.

-Ms. Shridevi S. Malaj

Events

- Online quiz competition for school students was conducted on 5.6.2020 under Association of Computer Engineers. Mrs. Tanisha Chougule and Mahesh Kulkarni were coordinators for the quiz.

- Induction programme for First semester students was conducted from 18-11-2020 to 1-12-2020.

SIP 2020

Staff Achievements

1. Mrs. Anuradha Desai attended STTP on "Matlab based teaching learning in Mathematics, science & Engineering" organized by Department of E&C , Ramrao Aadhik Institute of Technology" in collaboration with Design Tech System, Mumbai from 18.05.2020 to 22.05.2020.

2. Mrs. Anuradha Desai attended technical webinar on "Arduino Programming and Internet of Things" organized by DKTE Ichalakaranji from 25.05.2020 to 27.05.2020

3. Mrs. Anuradha Desai and Mrs. Vaishali Parab attended one week FDP on "Artificial Intelligence" organized by Department of CSE, Alva's Institute of Engineering & Technology, Moodabidari from 22.05.2020 to 26.05.2020

4. Mrs. Anuradha Desai, Mrs. Upama Kulkarni , Mrs. Vaishali Parab attended webinar on "Teachers are leaders" organized by IQAC Bharati Vidyapeetha College of Engineering , Navi Mumbai on 23.05.2020.

5. Mrs. Anuradha Desai and Mrs. Vaishali Parab attended two day FDP on "Cyber security and Malware Analysis" organized by CMR Engineering College, Hyderabad from 26.05.2020 to 27.05.2020

6. Mrs. Anuradha Desai, Mrs. Upama Kulkarni , Mrs. Vaishali Parab attended FDP on "Emerging Technologies in IT Industry" organized by Department of CSE, Jain College of Engineering, Belagavi from 28.05.2020 to 30.05.2020

7. Mrs. Vaishali Parab attended one week FDP on "Effective teaching techniques & E-commerce" organized by "Saraswati Institute of Technology" Kharghar Navi Mumbai from 01.06.2020 to 05.06.2020.

8. All the staff members of CSE department attended one week national level online FDP on "Python 3.4.3 and Python Django" organized by CMR Engineering College , Hyderabad in association with Spoken Tutorial IIT Bombay from 08.06.2020 to 13.06.2020

Staff Achievements

9. Ms. Gayatri Bedekar attended 5 days AICTE ATAL FDP on " Internet of things for Agricultural Application" from 5-10-2020 to 9-10-2020 organised by Dept. of E & TC Shri Sant Gajanan Maharaj College of Engg. Shegav Buldhana , Maharashtra.

10. Mrs. Anuradha Desai attended 5 days workshop on "Inoculating Universal human values in Technical Education" organized by AICTE from 19-10-2020 to 22-10-2020.

11. Mrs. Tanisha Chougule attended 5 days ATAL FDP on "Block chain" from 2-11-2020 to 6-11-2020.

12. Ms. Gayatri Bedekar compleated MTech in Computer Science & Engineering in the month of Sept 2020.

13. Non-Technical talk was arranged as part of Professional Practice Lab on 5-02-2021. Mrs T Veena and Mrs. Megha Khandekar were resource person for topics " Role of Language in Personality Development" and " Role of Ethics in Personality Development" respectively.

14. Orientation program for V-sem students was organized on 17-02-2021by Mr. Ajit Pattar on " Carrier Guidance" of InfyNow company.

15. Virtual Technical talk on "4 year of your carrier" by Bharat Joshi (Team Lead at Intell)on 24-02-2021.

Students achievements

Vishal Talukar gave talk on INTERSHALA to all the students of KLS VPP

Toppers

Academic Toppers 2019-20

Third Year

Sl.No	Name	Marks Obtained	%age	Topper
1.	Varad Shanbhag	(1302/1375)	94.69%	I
2.	Shubal Dhavali	(1287/1375)	93.6%	II
3.	Rohit Shelke	(1265/1375)	92%	III

Second Year

Sl.No	Name	Marks Obtained	%age	Topper
1.	Trupti R. Hangirgekar	1376/1450	94.89%	I
2.	Shruti G. Sawant	1328/1450	91.58%	II
3.	Preksha B. Pawale	1318/1450	90.89%	III

Toppers

	Sl.No	Name	Marks Obtained	%age	Toppers	
		First Year (I & II SEM)				
	1.	NEHA S MAHULE 	941/950	99.05	I	
	2.	PRERANA S SHINDE 	922/950	97.05	II	
	3.	SHREYA B PATIL 	914/950	96.21	III	
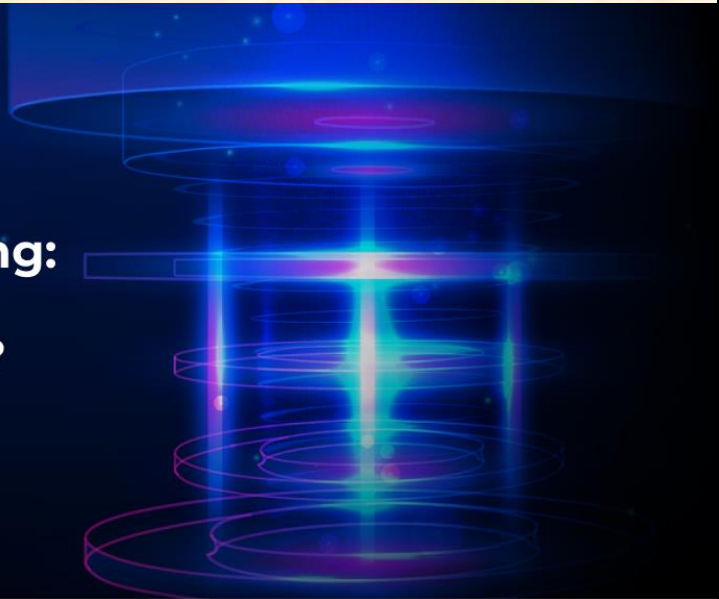
Student Article

QUANTUM COMPUTING

The field of quantum computing includes hardware research and application development. Quantum computers are able to solve certain types of problems faster than classical computers by taking advantage of quantum mechanical effects, such as super position and quantum interference. Some applications where quantum computers can provide such a speed boost include machine learning (ML), optimization, and simulation of physical systems. Eventual use cases could be portfolio optimization in finance or the simulation of chemical systems, solving problems that are currently impossible for even the most powerful supercomputers on the market. Currently no quantum computer can perform a useful task faster, cheaper, or more efficiently than a classical computer. Quantum advantage is the threshold where we have built a quantum system that can perform operations that the best possible classical computer cannot simulate in any kind of reasonable time. Quantum mechanics is the area of physics that studies the behavior of particles at a microscopic level. At subatomic levels, the equations that describe how particles behave is different from those that describe the macroscopic world around us. Quantum computers take advantage of these behaviors to perform computations in a completely new way.