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Republic Day 2023

Celebration in the Campus

Dr. D. Y. Patil College of Engineering and Innovation celebrated 74th Republic Day in the campus from 8.30 am onwards with a lot of patriotic fervour. Major Amol Mali, Former Major, Indian Army hosted the Indian tricolor flag.



Flag Hoisting Ceremony

Hon'ble Anuja Patil, Secretary, DYPEF, all the heads of the departments, faculty and students were present for the flag hoisting ceremony. The event was followed by stirring speech by Major Amol Mali.

Republic day is one of the prominent national festival celebrated every year in the campus on January 26 with utmost enthusiasm and the zeal. The students and faculty always take keen interest in planing and executing the event.

Everybody was feeling a proud moment. Some of the girls students perform a beautiful dance on patriotic songs.



Dance on patriotic songs



Inspirational Speech by Major Amol Mali



Group Photo of Faculty and Staff of DYPCOEI

Parent- Teacher Meet

Activity to share thoughts among the stakeholders

Dr. D. Y. Patil College of Engineering and Innovation -Parent-Teacher Meeting (PTM) committee organized parent teacher meeting for First Year Engineering for Semester-I on 23/01/2023. The main objective of the meeting was to create a common platform, where teachers and parents come together to discuss student's performance and devise ways to enrich their learning experience. The parents were intimated about the meeting well in advance.



The First Year Engineering parents and faculties attending the meeting

During 11 am to 11:30 am, Prof Dipannita Mondal Madam, Head of First introduced parents with the Vision and Mission of the institute and the departments along with anti-ragging rules, attendance criteria (75% Mandatory), focus on quality education, library facilities and general criteria of the institute. She also highlighted the Institute's best practice for effective teaching learning process and how it helps placement and higher studies.

During 11:30 am to 12:30 am, parents interacted one to one with the faculties.



Interaction of Parents and Teachers

The professors provided specific guidelines and suggestions for each student during the meeting with the parents. The guidelines were primarily focused on students' performance in classroom and exams. The parents were informed about the students' performance during the Unit Test and preparation for upcoming End-Semester examination. Discussion was focused on student's specific strengths and weaknesses in individual subjects and student discipline in classrooms. Apart from the usual discussion on ward's progress, attendance, improvisation and challenges, Counsellors interacted with parents to make them aware of the ward's current learning process. Parents' suggestions on the interests and learning of their wards were noted.

Total 56 parents participated in the 1st PTM of Semester 2021-22. Parents became aware of the institute's rules and regulations, methodologies of teaching & learning for the overall welfare of students.

Parents were encouraged to appreciate student's participation in all academic activities. Parents appreciated the efforts and the individual attention given to every child.



First Year Engineering Department Team with Parents

Feedback from Parents:

Through this Parent teacher meeting we came to know about our child's progress and also know about the weak area in which the child needs to improve. Through the attendance report, we also came to know about the regularity of our ward in lectures.

-Mr. Vijay Gambhir Patil

Dr. D. Y. Patil College of Engineering & Innovation is the best place to let our children learn and grow. She enjoyed learn new things each and every day. She participated in a variety of activities and event during Induction program. The way faculty member has helped our daughter in developing her individuality, while at the same time emphasizing on self-discipline and respect towards others, has truly been a best experience.

-Mr. Balkrishnan Shelke

The PTM held was a needed program as it provided me insight into how my son is doing. Overall talking to the teachers was a satisfactory experience. Teachers provided all necessary information in a very detailed and understanding manner.

- Mr. Madhukar Rathod

This initiative of parent teacher meeting is highly appreciable. This kind of meetings gives a chance to make parents aware about academic progress of their child. For me it was a very informative session and I am looking forward to all future meetings.

- Mr Gajanan M Shinde

Feedback from Faculty:

Parents Teacher Meeting is an essential aspect in the modern-day teaching methodology. Parents are important stakeholders of education policy. PTM held by Dr. D. Y. Patil College of Engineering & Innovation will enhance the quality of overall growth of students and will develop a strong and healthy bond between teachers and their students furthermore it increases the faith of parents in the Institute.

-Prof. Sherin Kurian,

PTM of semester 1 was very unique. Appreciated all the parents for their active participation and support in this meeting.

-Prof. (Dr.) Anirvan Gupta



Felicitation of Unit Test Topper by Prof. Dipannita Mondal, Head First Year Engg.

Felicitations of students during PTM



Felicitation of Kabaddi Winners



Felicitation of Unit Test Topper



Parents Interaction Feedback

Microsoft Cloud

Expert Session and Student Interactions

Date: 31st January 2023

Mode of Conduction: Online

Department: Computer Engineering

Speaker: Mr. Amol Aher (Director & Head of Operations, KasNet Technologies Pvt Ltd)

Total 83 students participated in this event to understand Cloud Computing, Mr. Amol Aher discussed about available Certification Courses on AI. Students got information in Cloud Computing job opportunities.



Expert Session on Cloud Computing



Students Interaction on Job Opportunities

‘C’ Programing

Concepts of ‘C’ Programming

Date: 27 and 28th January 2023

Mode of Conduction: Offline

Department: Computer Engineering

Mr. Pravin Gaikwad (Sr. Trainer, Giri's Techhub) has taken an important session through which students got idea about different questions in C which can be asked during technical interview. Students started exploring different aspects regarding input/output, keywords, conditional statements of C language during practical sessions.



Understating the Concepts of ‘C’

Many later languages have borrowed syntax/features directly or indirectly from the C language. Like syntax of Java, PHP, JavaScript, and many other languages are mainly based on the C language. C++ is nearly a superset of C language. Therefore, if a person learns C programming first, it will help him to learn any modern programming language as well. As learning C help to understand a lot of the underlying architecture of the operating system. Like pointers, working with memory locations, etc.

Quantitative Ability & Logical Reasoning

Understanding at Root Level

Date: 23 and 25th January 2023

Mode of Conduction: Offline

Department: Computer Engineering

Three speaker: Dr. Satish V. Lakde (Sr. Trainer, Verbal Ability), Mr. Roohshad Mistry (Sr. Trainer, Quantitative Ability) and Mr. Dhaval Dand (Sr. Trainer, Quantitative Ability and Logical Reasoning) from Giri's Techhub have interacted with third year Computer Engineering Students.



Quantitative Ability & Logical Reasoning

The session was useful in developing quantitative skills which helps in developing cognitive skills, interpreting and analyzing mathematical information, finding appropriate methods of solving problems and evaluating the validity of results. Cognitive skills enhance logic and reasoning skills. Because of this interaction with expert people from industry, student also learn the quantitative reasoning which is nothing but the ability to use mathematics and information to solve real world problems.

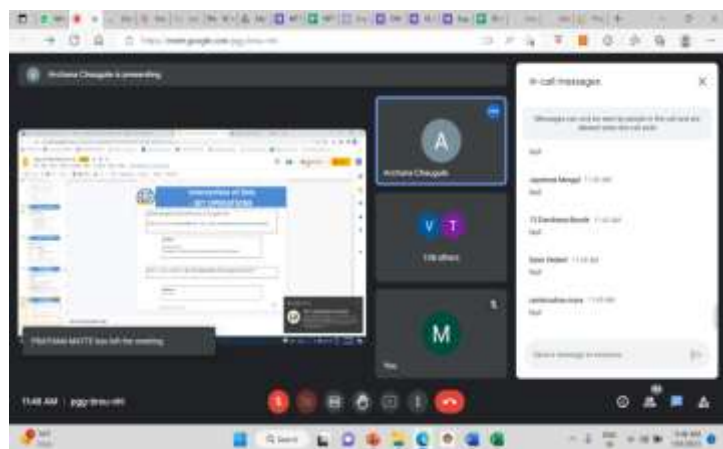
Discrete Mathematics

Applications of Discrete Mathematics in AI-DS

Date: 10th January 2023

Mode of Conduction: Online

Department: Artificial Intelligence and Data Sc.



Online session on Discrete Mathematics

Dr. Archana Chougule, Head, Department of Computer Engineering from Pimpri Chinchwad College of Engineering and Research (PCCOER), Ravet, Pune given a online seminar on Discrete Mathematics.

More than 53 students attended this seminar to understand various applications of discrete mathematics in computer science. Discrete mathematics is used to include theoretical computer science, which is relevant to computing. Theoretical computer science draws heavily on logic and graph theory. Using theoretical computer science, we can easily compute the mathematical results by studying algorithms.

In case of complexity, we will study the time taken by computations. While in the case of computability, we will study what can be computed by following the principle. Computability is closely related to both theories: formal language theory and automata theory.

Session Chair

A Pride Moment for DYPCOEI

Date: 24th – 25th January 2023

Mode of Conduction: Online

Department: Artificial Intelligence and Data Sc



Dr. Latika Desai, Online session Chair

Dr. Latika Desai, Head, Department of Artificial Intelligence and Data Science was session chair for 7th International Conference Smart trends for computing and communication on 24th -25th January at Jaipur.

Seventh International Conference on Smart Trends in Computing and Communications was at Jaipur, India during January 24 - 25, 2023. Strengthening more towards research upcoming year, SmartCom - 2023 was having a target of state-of-the-art as well as emerging topics pertaining to Information, Computer Communications and effective strategies for its implementation for Engineering and Managerial Applications.

The conference was consist of large number of high-quality submissions and stimulate the cutting-edge research discussions among many academic pioneering researchers.

Research Publication

A platform for the researchers



Arivanantham Thangavelu, Smita Londhe, Shital Sungare and Poonam Deokar published a research paper on “Blockchain Technology Needs in Edge Computing Environment” in International Journal of Research and Analytical Reviews (IJRAR), January 2023, Volume 10, Issue 1 and available at www.ijrar.org (E-ISSN 2348-1269, P-ISSN 2349-5138).

Abstract: Blockchain and Edge computing tinge on the concept of distributed networking, the two can be a rough pair working in unification. Especially edge computing often entails influential graphical processing units which can help speed up the processing of blockchain transactions. Internet of Things (IoT) devices without sufficient resources for blockchain operations can offload these difficulties to the edge layer, thereby simplifying such operations. Blockchain has the budding to solve the security and privacy issues connected with edge computing, such as access control, privacy, and authentication. Edge computing in combination with blockchain, appears to be endearing combination for developing a secure, scalable and distributed IoT platform.

To see more details of this Research Publication the Paper Link is:

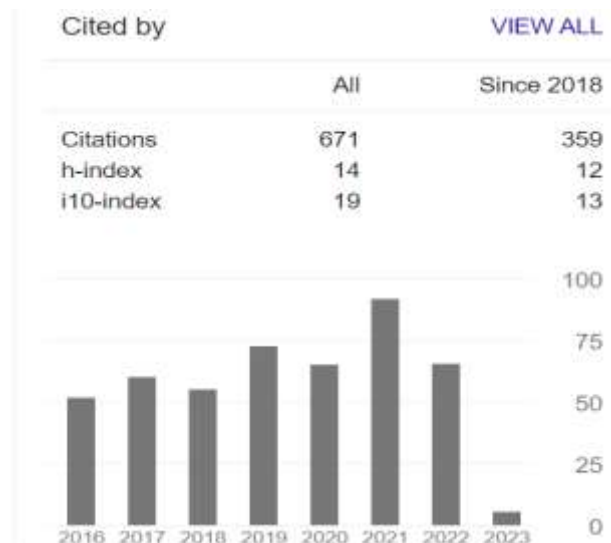
<https://www.ijrar.org/papers/IJRAR23A1207.pdf>

Research Publication

Research Publication Citations



Dr. Suresh Mali, Principal, Dr. D. Y. Patil College of Engineering and Innovation, Varale, Talegaon, Pune, Verified email at dypatilef.com has 671 citations so far.



The h-index is calculated by counting the number of publications for which an author has been cited by other authors at least that same number of times

i10-Index = the number of publications with at least 10 citations.

To see more details of his Research Publication and their citations the Paper Google Scholar Link is:

<https://scholar.google.com/citations?user=-EANfQAAAAJ&hl=en>

MoU signed

Industry Institute Interaction



MEMORANDUM OF UNDERSTANDING

This MEMORANDUM OF UNDERSTANDING has entered on 21st of November, 2022 at Pune.

BETWEEN

Dr. D. Y. Patil College of Engineering and Innovation is having its registered office at Vavale, Talegaon, Pune 410507 Maharashtra Through it's Director and Co-ordinator of Training and Placement Department

Mr.
(Hereinafter referred to as the FIRST PARTY)

AND

Giri's Tech Hub Pvt. Ltd. a training institute is having its registered office at 102, Danga

MEMORANDUM OF UNDERSTANDING (MoU) between Dr. D. Y. Patil College of Engineering and Innovation and Giri's Tech Hub Pvt. Ltd, Pune has been carried out to impart following Training Modules for FE to BE

FE.....

- Basics of Communication skills and soft skills

SE.....

- Basic of Communication skills and soft skills
- Basics of C programming language
- Quantitative aptitude and logical reasoning

TE.....

- Object oriented programming language using C++ and Java
- Advanced database and PL/SQL
- Advanced data structure using C programming language
- Web designing using HTML, CSS, JavaScript's, Bootstrap
- Core Python and object-oriented python for InfyTQ.
- Advanced java

BE.....

- 4 th year subjects
- Revision of all 2 nd and 3 rd year subjects
- Mini projects for campus interview preparations using Java
- Programming practice and MCQ practice
- Soft skills, Quantitative aptitude and Logical reasoning
- Group discussions and HR round preparation practice
- Java Framework – Spring, Hibernate and Spring Boot

Savitribai Phule Excellence Award

By Best Innovator under NITI Aayog



Mr. Yogesh D. Nagvekar, Head, Department of Civil Engineering has been felicitated with the Savitribai Phule Excellence Award 2022 for Best Innovator under NITI Aayog. This award has been given to him for his International Patent with multidisciplinary fields approach - Patent No. 2020102191 "WCM-Smart City: Waste Collection & Management under Smart City using IOT"

Mr. Yogesh was participating in the International Conference on Multidisciplinary Research and Latest Innovations 2022 held on 17th December 2022 by Trinity College of Engineering & Research and Institute of Social Reforms and Higher Education Charitable Trust, Uttar Pradesh (India).



Savitribai Phule Excellence Award 2022

NPTEL- SWAYAM Registration

Faculty and Student Certifications

The certificates issued bear the stamp of CCE, IIT and hence are valuable additions when the student is applying for jobs. On successful completion of advanced NPTEL course by the faculties, AICTE approves as FDP so that they can get the points for the same. Therefore, it has been decided to have maximum registration from faculty and students for NPTE certifications.

To take this initiative forward and to encourage more students across colleges to participate in this initiative, we have set up a SWAYAM-NPTEL chapter at DYPCOEI.

We are very happy to be associated with NPTEL and proud of having NPTEL – Swayam Local Chapter at DYPCOEI.



Thanks to Mr. **Siddharth Suman**, Assistant Professor, Department of Mechanical Engineering as a Single Point of Contact (SPOC) and being a pillar of support in NPTEL initiatives.

Branch	First Year	Computer Engineering & AID5				Civil Engineering		Mechanical Engineering		TOTAL
Class	FE	SE	TE	BE	TE	BE	TE	BE		
Total Students	251	298	148	135	43	32	44	59		1010
Enrolled Students	185	234	121	70	31	23	14	14		692
	73.71	78.52	81.76	51.85	72.09	71.88	31.82	23.73		68.51



Institutional Registration for NPTEL Certification

IIT Kharagpur Digital Library

Faculty and Student Certifications

To make available to the learner community learning resources through a single-window, National Mission on Education through Information and Communication Technology (NMEICT) has sponsored the National Digital Library of India (NDLI) project and arranged funding through Ministry of Education.



IIT Kharagpur has created **National Digital Library** for students for all subjects. Below is the link :

<http://ndl.iitkgp.ac.in/>

It contains 4 crore 60 lakh books. Please share this information as much as possible for students to know & avail of this priceless facility for academic knowledge.

Engineering Section of this Digital Library contains lecture videos and notes of NPTEL/SWAYAM courses, presentations used by faculties in classes, online class lectures, questions/solutions of common subjects for the students of all engineering discipline.

<https://ndl.iitkgp.ac.in/homestudy/engineering>

Faculty and students are requested to utilize this Digital Library while preparing for NPTEL examinations and share the above link to all the students.

Conference Presentation

Representation at International Conference



Dr. Anirvan Gupta, Faculty of Department of Computer Engineering attended an International Conference on 'Advances in Polymer Processing for Sustainable Development' organized by Polymer Processing Academy, IIT Bombay, and Pillai College of Engineering on 15th October 2022. He represented our college and presented a research paper on Conducting Polymers titled **'DC Conductivity, Magnetic Susceptibility and Viscosity of Polyaniline Doped with Different Acids'** in the conference.



He has also attend a 'Workshop on Outcome Based Education and Accreditation for Engineering College in Maharashtra', organized jointly by National Board of Accreditation (NBA) and Directorate of Technical Education (DTE) Maharashtra on Friday, 27th January 2023 at VJTI Mumbai.

Language Lab

A Tool to improve your Communication Skill



Language Lab Setup

Software - EWL (Software for English language lab) is the innovative English language lab software, which gives students the ability to learn English language, this software can be accessed any time at any place. The software is designed to cover needs of various category students.

This Software along with necessary hardware setup is available in the Department of Computer Engineering.

Purpose of the Language Lab

-The main purpose of the Language lab is to give free hands to the student so that without any fear and hesitations students should use the lab and improve their English skills.

-English language in all forms – listening, speaking, reading and writing, is one of the components of Language lab software procured by the College from BHESU. English Language Lab enhances the overall English knowledge of the student.

-Language lab will be made available to students for exploration and variety of activities which may be undertaken by the students under the guidance of teacher.