

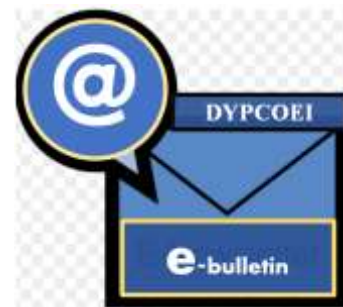


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Memorandum of Understanding

Tie Up with industries

Dr. D. Y. Patil College of Engineering and Innovation, Varale made a Tie Up with Inflow Technologies Pvt Ltd on 2nd March 2023.



MoU signed between DYP COEI, Varale and Inflow Technologies Pvt. Ltd.

Inflow Technologies addresses the growing needs of organizations to manage and secure information more effectively and intelligently.



Inflow Technologies Expert guiding our Students.

The team at Inflow Technologies is well-versed with latest and the most powerful technologies available today for locating, organizing, managing, retrieving, analyzing, protecting, and presenting information. They guided students to face the corporate challenges and to improve technical proficiency in technologies like Java, C++, MS Office, Dotnet, IBM, Oracle, Network etc.

Dr. D. Y. Patil College of Engineering and Innovation, Varale made a Tie Up with ActualOne on 21st March 2023.



MoU with ActualOne by Mr. Saurabh Suranse with Prof. (Dr.) Suresh Mali, Principal, Prof. (Dr.) Alpana Adsul, HOD Computer, Mr. Rahul Misra, TPO between DYP COEI, Varale and ActualOne.

ActualOne Protocol captures the essence of a broader mission and vision, and provides a more flexible and scalable framework for future growth and expansion. They guided students for how to decode in Web 3.0, explore opportunities of Web 3.0 and how to Implement different wallets i.e. Metamask.

Dr. D. Y. Patil College of Engineering and Innovation, Varale made a Tie Up with Cyber Secured India on 29th March 2023.



MoU signed between DYPCOEI, Varale and Cyber Secured India, Prof. (Dr.) Latika Desai, HOD AI-DS, Mr. Nikhil Mahadeshwar, Founder of Cyber Secured India and Prof. (Dr.) Suresh N Mali, Principal

Cyber secured India is an initiative which has started to create awareness for common man in the domain of cyber security and digital forensics. Also, they look forward to bringing more youth in the Cyber Secured India community. Their aim to bridge the gap between academia and the cyber security industry with the help of various training and internship programmes. With this, the interns get true insights of cyber security industry.



Token of Love from DYPCOEI, Pune

Faculty Development Program

Faculty Academics Progress

Prof. (Dr.) Latika Desai , Prof. Anita Shinkar, Prof. Sarojini Naik and Prof. Madhuri Kethari, from the department of Artificial Intelligence and Data Science Engineering attended 5 day online FDP om “Inculcating Universal Human Values in Technical Education” by AICTE from 30th January to 3rd February 2023.





Prof. (Dr.) Alpana Adsul attended the workshop on "Implementation of National Education Policy 2020: Industry -Institute Linkage" organized by JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune on 24th & 25th February 2023.

Mr. Vishal Kisan Borate attended the workshop on "Implementation of National Education Policy 2020: Industry -Institute Linkage" organized by JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune on 24th & 25th February 2023.

Mrs. Poonam Mangesh Deokar participated in a 5 days Faculty Development Program on "Deep Learning Application Development Tools and Research" organized by Dept. of Artificial Intelligence and Data Science, VIIT, Pune held from 28th February to 4th March 2023.

Mr. Arivanantham Thangavelu from Dr. D. Y. Patil College of Engineering and Innovation, Pune has successfully completed the One Week Online STTP on "Quantum Computing and its Applications: Modern Approaches and Practices" organized by Department of Information Technology, National Institute of Technology Raipur from 27th February to 03rd March 2023.



Mrs. Poonam Mangesh Deokar has participated in One Week Online Faculty Development Program on "Deep Learning Applications, Tools, Process Design and Development" organized by the Department of Computer Engineering in association with IIC-MESCOE, an initiative of MHRD's Innovation cell from 20th to 28th March, 2023.

Student Certification

Value Added Programs

Mr. Darshan Ingale student from Artificial Intelligence and Data Science Department has successfully achieved cleared the assessment on Data Science and Analytics.



This certificate is presented to Mr. Abhishek Maradi M on successfully completing a knowledge transfer session of “Data Science & Analytics” from 19th to 25th March 2023 by Inflow Technologies Pvt Ltd.

Mr. Prateek Rakesh Tiwari has successfully completed the requirements of Microsoft Certified “Azure AI Fundamentals” on 23rd March 2023.



Expert Session

Awareness to new Technology

Decoding Web 3.0 & Its Opportunities

Mr. Saurabh Suranse has guided TE computer students on different opportunities in user interface that provides access to documents, applications and multimedia on the internet. He guided BASE protocol decentralized financial applications, different digital wallets and NFT uses case: secure storage & transfer of sensitive genetic data for personalized medicine research and authentication needs.



Web 3.0 Committee with Expert Mr. Saurabh Suranse

Opportunities in Web 3.0

Miss. Almas Sayyed has guided TE computer students on unique features of Web 3.0 and how it connected to AI, Semantic Web, 3D graphics, Ubiquity, Peer to Peer network. Students became aware of applications and career opportunities in Web 3.0.



Twitter Launch Web 3.0 (@web3dy) / Twitter Decoding Web 3.0 & Its Opportunities

P & G My Way Program (Girls)

Mr. Nilesh Panigrahi (Representative from P & G) has distributed gifts among ladies' staff and girl students. In order to maintain hygiene during their Menstruation, Whisper & Venus, gifted some hampers to all ladies from DYPCOEI on 21st March 2023.



Mr. Nilesh Panigrahi (P&G) gift distribution to Prof. (Dr.) Alpana Adsul, HOD Computer, Prof. (Dr.) Latika Desai, HOD AI-DS and Prof. Dipannita Mondal, HOD (FE)

Machine Learning

Online expert session on the topic “Machine Learning and Deep Learning” for the BE students on 10th March 2023 under the guidance of Head of the department Prof. (Dr.) Alpana Adsul.

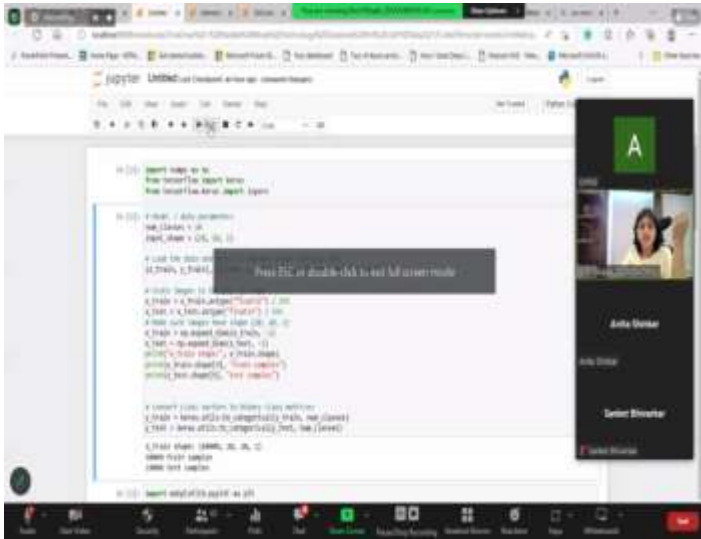
Session started with welcoming and expert introduction given by Prof. Poonam Deokar Assistant Professor, DYPCOEI, Varale.

The session was taken over by expert Mrs. Kirti Bihade started talk about introduction about machine and deep learning difference and the applications of deep learning is found almost everywhere like in the field of media and entertainment, security and defense, medicine and biology and so on.

She explained the Real time use cases like, Recommendation Systems, Prediction based on history (Real Estate), Iris data use etc. She continued the talk with the Machine Learning Techniques

- Regression
- Classification
- Clustering
- Reinforcement learning

Insights were given about machine learning as a mechanization of understanding systems. Also shown practical online on google colab to understand various libraries and steps to run deep learning application. She also gave information about new technologies like keras, pytorch.



Aptitude Session (Simple and Compound Interest)

Ms. Anuja Mudak provided information about how to solve simple interest and compound interest by different methods Computer students as below;

- Different types of simple and compound interest methods.
- Solving the interest calculation by simple formula.
- During Session she explained daily, monthly, and quarterly annually interest with simple tips.

Hands on Demo example on Deep Learning by Mrs. Kirti Bihade



Mrs. Kirti Bihade delivering the session on Machine Learning

Outcome:

- Student understands industrial importance of machine learning.
- Awareness of new technology in machine Learning and deep learning.



Aptitude Session on Simple Interest & Compound Interest by Ms. Anuja Mudak for TE Computer Students on 3rd March 2023

Outcome:

- Students got strong knowledge of simple and compound interest calculation.
- Students got fixed flat and declining balance procedures.

C-Language (Pointers)

Mr. Pravin Gaikwad and Mr. Ranveer Kadere provided information about C-Language different data types, Array - Types of Arrays, Properties of array, benefits and drawbacks of array, Pointer-Pointer Arithmetic Operation and Structure – Structure in C and C++.

- During Session he explained pointers importance.
- Different functionality of Pointer.
- Operators that are used with Pointers.



Expert Session by Mr. Pravin Gaikwad for SE Computer & AI-DS Students on 3rd March 2023

Outcome:

- Students got learning the usage of pointers and its applications.
- Students got different operations of pointers.
- Students learned pointers array implementation and its applications.

C-Language (Functions)

Mr. Pravin Gaikwad and Mr. Ranveer Kadere provided information about how to use, declare and define functions and its advantages to SE Computer & AIDS students as below;

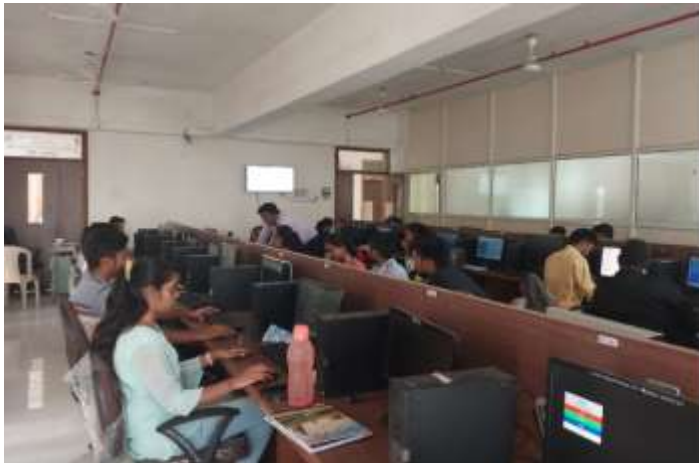
- During Session he explained Function declaration and components.
- Different types of function.
- User defined function, Library function and predefined function.



Expert Session by Mr. Pravin Gaikwad about C-Language functions on 4th March 2023

Outcome:

- Students got depth knowledge of function.
- Students got knowledge about use of different function.
- Students learned calling function and called function and how to pass arguments between functions.



Hands on Training session by Mr. Pravin Gaikwad on 4th March 2023

Aptitude (Blood Relation)

Expert session Mr. Satish Shirsath thought about Blood Relation and direction sense Aptitude Session to TE Computer students as below;

- Tips and tricks to handle complex problems.
- Shortcuts to solving questions on blood relations and direction.



Aptitude Session by Mr. Satish Shirsath on 17th March 2023

Study Tips and Strategies to Prepare for First Year Engg Examinations

Guidance for Exam

The Department of First Year Engineering in association with ISTE Student Chapter organized an Expert Session on 'Study Tips and Strategies to Prepare for FE Examinations' on 3rd March 2023 at DYPCOEI Campus. Speaker for the session was Dr. Sandeep Varpe, Associate Professor of Engineering Physics at International Institute of Information Technology (I²IT), Pune.



Expert Session by Dr. Sandeep Varpe, Associate Professor, I²IT, Pune

During the session, views were shared about preparing for FE examination. The session included detailed discussions about topics of First Year Engineering Physics syllabus, in particular, which are likely to be asked in end semester examination of SPPU. The speaker shared with students some important questions from each topic, along with weightage given to each question. He also discussed about strategies that students must adopt

to prepare for each topic from every unit. He discussed about pattern of question paper and the optimum length of answers for every question depending upon their weightage in the paper.



Prof. Dipannita Mondal, HOD (FE) felicitating the speaker Dr. Sandeep Varpe, Associate Professor, I²IT, Pune

The session concluded by a formal vote of thanks by the coordinator, Dr. Anirvan Gupta, and students giving their positive feedback about the session. 109 students from FE divisions A and B participated in the event. The successful organization of the event was a great demonstration of relentless team effort shown by Interstellus Club Student Members from FE.



Students of FE attending the Expert Session

This expert session was organized under the guidance of Principal, Prof. (Dr.) Suresh Mali, who motivated the faculty members and students for organizing this session and also expressed his happiness at the fact that such a topic was taken up just before the first year end-semester examination. The Head of Department of First Year Engineering, Prof. Dipannita Mondal, was instrumental in encouraging the coordinator and student members in organizing the session and expressed her delight that students were so much excited and participated in the session in good numbers.



FE Students with the Speaker during the Interaction

Outcome:

- Students got depth knowledge of FE SPPU Exam pattern like Insem Exam, Endsem Exam and marking system.
- Students got knowledge about different FE subjects, its weight ages and how to prepare for the university exam.

Women's Day 2022-23

Celebration with NavDurga



Anchoring by Prof. Pratima Chougule, Welcome by Prof. (Dr.) Suresh N Mali, Principal, Prof. (Dr.) Priyanka Singh, Director D.Y.P.I.M.E.D, Prof. (Dr.) Latika Desai, HOD AI-DS

To raise awareness about the status and dignity of women among the students and society, to celebrate the progress made towards achieving gender equality and women's empowerment, Women's day celebration done on "NavDurga Event"

The day brought many things for women – a cause for celebration, a reason to pause and re-evaluate a remembrance, an inspiration and a time to honour, love and admire.

The session started with the goddess Saraswati Vandana and enlightening the lamp by All NavDurgas and Secretary Adv. Mrs. Anuja Patil, Principal Dr. Suresh N Mali, Director MBA / MCA Dr. Priyanka Singh, Prof. (Dr.) Alpana Adsul HOD & TPO Computer Engineering Department, Prof. (Dr.) Latika Desai HOD AI & DS Department along with NavDurga event chief guests.



Lamp Lightening by all the Invites

Anchoring by Prof. Pratima Chougule. She started her speech with small story. About the event NavDurga highlighted by Event Coordinator Prof. (Dr.) Latika Desai, HOD AI-DS.

At the beginning of program our respected Principal Dr. Suresh N Mali gave Welcome address on Women's day very nicely he emphasized eight important characteristics of women. Such as Patience, Determination, Accuracy, Persistence, diligence, Intensity, Consistency, Policy etc.

Principal talked about additional features about women like color spectrum, smell, structured brain and laughter etc.

Adv. Mrs. Anuja Patil, Secretary talked courteously about why we celebrate women's day. She advised, when we are talking with someone we should first learn to listen. Listening skills are very much important.

She furthermore talked about gender equality and understandability; men should support women. She said let's come together and change the mentality of society. Finally, her speech ends with "Let's be each other, lets support each other"



Adv. Mrs. Anuja Patil, Secretary addressing the audience

After this First NavDurga Police Sub Inspector Ms. Spruha Chiplunkar talked about ladies' privilege Women's should be aware of different laws and IPC acts.

Second NavDurga Cricketer Ms. Sonia Dabir talked about her success. She said her family supported throughout her journey, women are doing their assigned duties sincerely.

Third NavDurga is Ms. Vidya Shirke, Co-founder, Co-director at Excel Enclosures talked about her success story. She talked about various milestones

for achieving success such as, your passion is your driving force, and how challenges come in life and how to overcome, without any excuse and complaints you have to complete your task on time. Fourth NavDurga Ms. Sarika Ganesh Kamble, B.A. Economics, Diploma Medical Yoga Therapy, Visharad and M.A Yoga Specialization in home remedy, Diet therapy, Detoxification. She talked about how hormonal imbalance arises. Also said yoga is all about combination of "Atma and Parmatma". So we should regularly perform "Surya Namaskar" for healthy life



Speech by Ms. Sarika Kamble, Yoga Teacher, Ms. Spruha Chiplunkar, Police Sub Inspector, Ms. Sonia Dabir, Cricketer, Ms. Vidya Shirke, Co-founder Co-director of Excel Enclosures

Fifth NavDurga Ms. Soma Chatopadhyay Head of Incubation and mentoring at venture talked about innovation and Incubation means to support young entrepreneurs.

Also talked about research is finding problems related to different domains like healthcare, climate change, green energy etc. She talked about women should empower herself both physically and mentally. Lastly she said about Control your own career path and destiny is all about entrepreneur and enjoys yourself while doing job.

Sixth NavDurga Ms. Anita Hange, Sweeper said nothing is impossible the word impossible is itself possible.

Seventh NavDurga Dr. Meenakshi Chougule, MBBS talked about Women empowerment, respect women, women's should take care of their health.

Eighth NavDurga Security in charge Ms. Asha Vijay Jadhav sung a "Pasaydan" in her own beautiful voice.

Ninth NavDurga Ms. Prachiti Shinde makeup artist talked about beauty of Inner beauty is important than outer beauty. Also talked about Jashidrushtitashishrushti.



NavDurga guests with DYP COEI Family

Sports Event on Women's Day



Sports activity on NavDurga Event



Vote of Thanks by Prof. Shital Sungare
celebration ended with Cake cutting followed by National Anthem.

Intercollegiate Quiz & Presentation Competition

Panel Game & Demonstration

Dr. D. Y. Patil College of Engineering & Innovation, department of AI-DS organized Intercollegiate Quiz and Presentation Competition (IQPC) in Innovative ideas on waste Management on 3rd March 2023 on the occasion of National Science day under the guidance of Principal (Dr.) Suresh N Mali. The program was inaugurated by Departments HOD Computer Engineering, AI-DS, Mechanical Engineering, Civil Engineering, First Year Engineering and Training and Placement Officer.

Quiz Competition was conducted in 3 rounds namely first round Elimination round in which there were total 16 groups for each group 7 science and General Knowledge related questions have been asked turn wise. At the end of first round out of 16 groups 12 groups promoted for second round based on their marks. The HOD of AI-DS, Prof.(Dr.) Latika Desai, was contributory in the encouraging the coordinator (Prof.Sarojini Naik) & student members.

Second round was Visual round in which 3 images to each groups showed which includes images of scientists, monuments, flags of different countries and logos of different companies. Last round was Rapid Fire round in which in one minute students has to answer maximum questions.

The presentation on Innovative ideas on Waste Management was conducted, there were total 11

groups from which total 45 students have participated from different colleges. Students explained different innovative ideas.

In both the events students participated actively as well coordinated well.



Intercollegiate Quiz and Presentation Competition inaugurated by All Departments Head of DYPCOEI, Varale on 3rd March 2023



IQPC Inauguration and Saraswati Poojan by Head of the departments on 3rd March 2023

Total Students Participated:

Quiz => $16 * 2 = 32$ Students.

Presentation => $11 * 4 = 44$ Students.

Total => 280 students attended IQPC Event.



Significance of Intercollegiate Quiz Competition Speech by Mr. Pratam Kadam Student Second year AI-DS

Outcomes of the event:

- Presentation on innovative ideas and quiz competition increased student's capacity and learning through shared cognition.
- Students learned to draw on lessons from several disciplines and apply them in practical way.
- This promoted long-term retention of material and replicable skill, as well as improved teachers' and students' attitudes towards learning.



Conduction of Quiz Competition Round -1



Winners of the IQPC Event



Conduction of Presentation Competition



IQPC Organized by SE AI-DS Students Team, DYPCOEI, Varale

Kusumagraj Birth Anniversary Celebration

Gaurav Marathi Bhashecha

Dr. D. Y. Patil College of Engineering & Innovation, Varale, Department of Artificial Intelligence and Data Science on the occasion of Marathi Rajbhasha Din the birth anniversary of Dnyanpeeth award winner late poet V. V. Shirwadkar who is also known as Kusumagraj. Marathi being the official language of the State of Maharashtra, the main focus of this celebration was to promote Maharashtrian culture amongst the students organized the activities like complete the phrase (MAAN), Marathi General Knowledge questions, Translation of different uncommon words in Marathi, Introduction of Marathi Months, Figures of Speech in Marathi. All the students participated actively and with enthusiasm.

The language is very old and dates back to almost 1,300 years. Although it has traces of many Sanskrit words, but one can't say for sure if it has evolved from the Sanskrit language. The Marathi language has 36 consonants and 16 vowels. Its two main scripts are Modi and Devanagari. Last round was Rapid Fire round in which in one minute students has to answer maximum questions.

The Event started with speech by Parth Mane to convey the significance of Marathi Day and the reason to celebrate the day. Other students

Himanshu and Ruturaj Dharne explained with the history of Marathi language in their speeches.

Harshad Shinde conducted different activities like complete the phrase(MAAN), Marathi General Knowledge questions, Translation of different uncommon words in Marathi, Introduction of Marathi Months, Figures of Speech in Marathi. In these activities students been called randomly by their roll no and randomly given topic on the spot. All the students participated actively and showed their affection to the Marathi language. More than 72 students are attended the event and 15 students are showed their talent in different activities.



AI-DS HOD, faculty along with participated students

Outcomes of the event:

- Honored showed to the Marathi language in different ways by students.
- To promote Maharashtrian culture amongst the students.
- Students enthusiastically participated in all events conducted on Kusumagraj birth anniversary celebration day.