

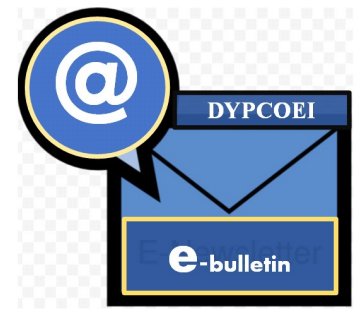


# e-bulletin

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**Dr. D. Y. Patil College of Engineering and Innovation, Varale, Talegaon, Pune**

## Address:

SR. No. 27/A/1/2c, Near Eco City,  
Talegaon, Varale, Pune - 410507,  
Maharashtra, India.

[www.dypcoei.edu.in](http://www.dypcoei.edu.in)

## Contacts:

020 48522561, 8799925769,  
9309246435

## Editorial Committee:

**Dr. Suresh Mali**  
Principal, DYP COEI

**Dr. Alpana Adsul**  
Head, Dept. of Computer Engg.

**Dr. Latika Desai**  
Head, Dept. of AI-DS

**Mrs. Dipannita Mondal**  
Head, Dept. of FE

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Department of CE

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Ms. Sejal Jadhav, Comp Engg.

Mr. Vedant Sase, AI-DS

Ms. Geetanjali Bejjalwar, FE Engg.

Faculty Achievement.....	01
Student Achievement.....	03
Blood Donation Camp.....	03
Tree Plantation Activity.....	04
Shiv Rajyabhishek Sohala.....	05
Student Counselling by Prof. (Dr.) Suresh Mali .....	06
Yoga and Meditation Session.....	07
NAAC Awareness Program.....	08
Google Cloud Community Day 2023.....	08
Cyber Shiksha & Cyber Suraksha – Quick Heal.....	09
Farewell 2022-23.....	09

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## Vision

To achieve excellence in quality education through value based rapidly changing technologies and create technical Human-Resource with proficiencies of accepting new challenges.

## Mission

**M1:** Continuously strive to impart value - based education to elevate the satisfaction level of all stakeholders.

**M2:** Take dedicated efforts to create competent professionals by effective teaching learning process with passion of lifelong learning attitude.

**M3:** Our endeavor is to promote and support innovative research, entrepreneurship and development activities through Industry Interaction.

## Faculty Achievement

### Procurement



### Patent Published

Prof. (Dr.) Latika Desai Published Patent on “Multi-Feature Extraction in Extreme Machine Learning Using IoT and Intrusion Detection Model”, Application No – 202321030807.

(12) PATENT APPLICATION PUBLICATION (21) Application No.202321030807 A  
(19) INDIA  
(22) Date of filing of Application :28/04/2023 (43) Publication Date : 02/06/2023

(54) Title of the invention : MULTI-FEATURE EXTRACTION IN EXTREME MACHINE LEARNING USING IOT AND INTRUSION DETECTION MODEL

(71)Name of Applicant :  
1)Dr. Latika Rahul Desai  
Address of Applicant :HoD, Artificial Intelligence and Data Science, Dr. D. Y. Patil College of Engineering and Innovation, Varale, Pune - 410507, Haveli, Maharashtra, India Pune -----



Prof. Sarojini Naik Published Patent on “Implementation of Artificial Intelligence Framework for Early Screening and Diagnosis of lung Cancer”, Application No – 202321030511.

(12) PATENT APPLICATION PUBLICATION (21) Application No.202321030511 A  
(19) INDIA  
(22) Date of filing of Application :27/04/2023 (43) Publication Date : 02/06/2023

(54) Title of the invention : IMPLEMENTATION OF ARTIFICIAL INTELLIGENCE FRAMEWORK FOR EARLY SCREENING AND DIAGNOSIS OF LUNG CANCER

(71)Name of Applicant :  
1)Prof. Sarojini Vinay Naik  
Address of Applicant :Assistant Professor, Artificial Intelligence and Data Science, Dr. D. Y. Patil College of Engineering and Innovation, Varale, Pune - 410507, Haveli, Maharashtra, India Pune -----



Prof. Madhuri Kethari Published Patent on “An Analysis of Medical Imaging Modalities Using Machine Learning for Classification and Prediction of Lung Cancer”, Application No – 202321030509.

(12) PATENT APPLICATION PUBLICATION (21) Application No.202321030509 A  
(19) INDIA  
(22) Date of filing of Application :27/04/2023 (43) Publication Date : 02/06/2023

(54) Title of the invention : AN ANALYSIS OF MEDICAL IMAGING MODALITIES USING MACHINE LEARNING FOR CLASSIFICATION AND PREDICTION OF LUNG CANCER

(71)Name of Applicant :  
1)Prof. Madhuri Kethari  
Address of Applicant :Assistant Professor, Artificial Intelligence and Data Science, Dr. D. Y. Patil College of Engineering and Innovation, Varale, Pune - 410508, Haveli, Maharashtra, India Pune -----

Prof. (Dr.) Latika Desai, Prof. Sarojini Naik and Prof. Madhuri Kethari faculties from AI-DS department Published Patent on “Internet of Things and Image Processing Based Approaches for Driver Drowsiness Detection and Alert Systems”, Application No – 202321030808.

(12) PATENT APPLICATION PUBLICATION (21) Application No.202321030509 A  
(19) INDIA  
(22) Date of filing of Application :27/04/2023 (43) Publication Date : 02/06/2023

(54) Title of the invention : AN ANALYSIS OF MEDICAL IMAGING MODALITIES USING MACHINE LEARNING FOR CLASSIFICATION AND PREDICTION OF LUNG CANCER

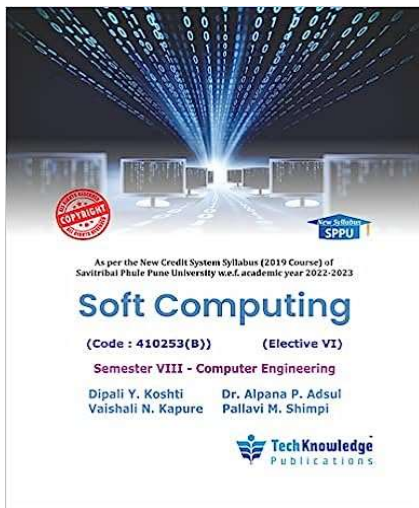
(71)Name of Applicant :  
1)Prof. Madhuri Kethari  
Address of Applicant :Assistant Professor, Artificial Intelligence and Data Science, Dr. D. Y. Patil College of Engineering and Innovation, Varale, Pune - 410508, Haveli, Maharashtra, India Pune -----  
2)Prof. Smita Rajendra Desai  
3)Prof. Sarojini Vinay Naik  
4)Dr. Latika Rahul Desai  
Name of Applicant : NA  
Address of Applicant : NA  
(72)Name of Inventor :  
1)Prof. Madhuri Kethari  
Address of Applicant :Assistant Professor, Artificial Intelligence and Data Science, Dr. D. Y. Patil College of Engineering and Innovation, Varale, Pune - 410508, Haveli, Maharashtra, India Pune -----  
2)Prof. Smita Rajendra Desai  
Address of Applicant :Assistant Professor, ENTC department Dr. D. Y. Patil Institute of technology, Pumpri, Sant Tukaram Nagar, Pune - 411018 Maharashtra, India Pune -----  
3)Prof. Sarojini Vinay Naik  
Address of Applicant :Assistant Professor, Artificial Intelligence and Data Science, Dr. D. Y. Patil College of Engineering and Innovation, Varale, Pune - 410507, Haveli, Maharashtra, India Pune -----  
4)Dr. Latika Rahul Desai  
Address of Applicant :HoD, Artificial Intelligence and Data Science, Dr. D. Y. Patil College of Engineering and Innovation, Varale, Pune - 410507, Haveli, Maharashtra, India Pune -----

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(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA



## Book Published

Prof. (Dr.) Alpana Adsul published a book titled “Soft Computing” book ISBN: 978-93-5563-390-3 by TechKnowledge Publications.



[https://www.amazon.in/SOFT-COMPUTING-SPPU-Computer-Engineering/dp/B0BZCH8M6D/ref=sr\\_1\\_2?crid=3HZB3IWDZAU0G&keywords=alpana+adsul&qid=1686116027&s=digital-text&prefix=alpana+adsul%2Cdigital-text%2C201&sr=1-2-catcor](https://www.amazon.in/SOFT-COMPUTING-SPPU-Computer-Engineering/dp/B0BZCH8M6D/ref=sr_1_2?crid=3HZB3IWDZAU0G&keywords=alpana+adsul&qid=1686116027&s=digital-text&prefix=alpana+adsul%2Cdigital-text%2C201&sr=1-2-catcor)

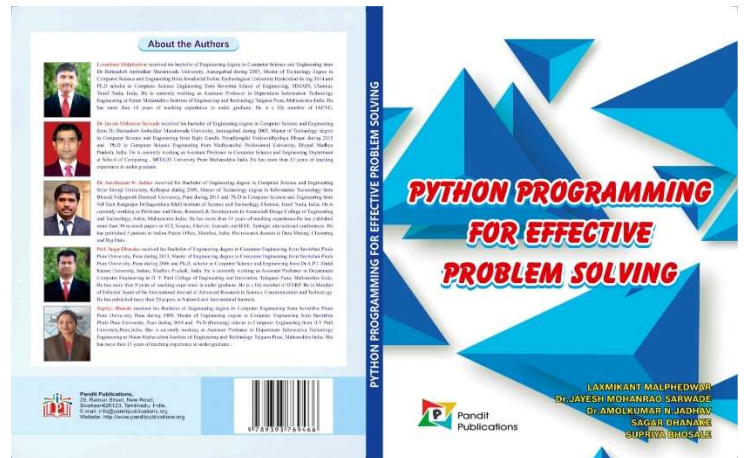


Prof. (Dr.) Alpana Adsul is the Yog Prashikshak member of Indian Yoga Association with unique membership ID: IYA/2023/YP4907



## Book Published

Prof. Sagar Dhanake published a book titled “Python Programming for Effective Problem Solving” book ISBN: 978-93-93769-49-7 by Pandit Publications.



Prof. Siddharth Suman, Mechanical Engineering faculty appreciated for being NPTEL’s brand ambassador of DYPCOEI, Varale his instrumental role as SPOC for the SWAYAM-NPTEL Local Chapter.





**Prof. (Dr.) Alpana Adsul participated online Super Growth Summit 2023 on 17<sup>th</sup> June 2023**

## Student Achievement

### Progress



**Congratulations to Ms. Devika Naik, student of SE Computer Engineering who won a national Award in "KATHAK" All India Dance Competition and will fly to Singapore for international competition.**

## Blood Donation Camp

### Charity

Blood donation camp was organized at D. Y. Patil Educational Federation, Varale Campus on 6<sup>th</sup> June 2023. At this time, each blood donor was given a certificate and a tree sapling.

It was planted at D. Y. Patil College of Engineering and Innovation Campus in the name of a blood donor and he promised to take care of the plant for the next few years. After experiencing the campaign more than hundred students donated blood also planted trees.

It is understood that "blood donation is life donation; blood donation is the best donation". Blood bank stocks at various hospitals in the city are declining to some extent today. On this occasion, in order to inculcate the importance of blood donation in the youth and to motivate them for blood donation, Chakreshwar Medical Foundation, Chakan Blood Bank Center jointly organized a function at Varale on Tuesday, 6<sup>th</sup> June 2023.

This camp was organized under the guidance of Hon. Dr. Sushant Patil, President of Dr. D. Y. Patil Educational Federation. Hon. Adv. Anuja Patil, Secretary DYPEF, Respected Mr. Vidyanand Mankar, Executive Director DYPEF and Respected Prof. (Dr.) Suresh Mali, Principal DYP COEI as well as Head of Department of First Year Engineering Prof. Dipannita Mondal and All First Year

Engineering Department faculties were present for the campaign.



**Prof. Dipannita Mondal, Head of First Year Engineering felicitating Mr. Dinesh Patkar, Chief Chakan Blood Bank.**

Deaths are often due to untimely blood transfusions. Therefore, the awareness of donating more and more blood was raised by the President of Chakan Blood Bank Center, Dr. Jeevan Sagre did. On this occasion, the first year students also raised awareness about the importance of blood donation through posters.



**Blood donors were Honored with Certificates and Gift.**

## Tree Plantation Activity Farm

Trees represent life, growth, peace and nature. They produce oxygen, clean soil, prevent drought, control flood related disasters, prevent soil erosion, improve physiological, mental and spiritual health, and also reduce carbon footprints. Keeping this in mind the campaign for the One-Student One-Tree programmed was initiated by the Dr. D. Y. Patil College of Engineering & Innovation, Varale of first year Department on 6<sup>th</sup> June 2023. The following activities have been undertaken so far to promote this campaign:



**FE students & All Department faculties actively participated for tree plantation.**

All students were informed about the “One Student-One Tree Campaign” through email to motivate them to plant saplings of trees.

All Faculty members motivated the students to take care of the saplings so that they grow into healthy trees. Free saplings were requested from blood bank, Chakan. Students enrolled with our college were distributed free saplings which were planted in

the open ground near the big auditorium within the premises of the college.



**Prof. Dipannita Mondal, Head FE, Prof. (Dr.) Alpana Adsul, HOD Computer Engineering and Prof. (Dr.) Latika Desai, HOD AI-DS planted tree in college campus.**



**First year engineering students planted saplings in college campus.**

These registered students were motivated and advised to take care of the saplings planted by them. The students also took the Oath: "I will plant a tree sapling and take care of the sapling such that it grows into a mature tree."

**"Someone is sitting in the shade today  
because someone planted a tree  
long time ago"**

## Shiv Rajyabhishek Sohala

Honored moment

The coronation ceremony of Chhatrapati Shivaji Maharaj was organized in the Dr. D. Y. Patil College of Engineering and Innovation, Varale on 6<sup>th</sup> June 2023. Hon. Dr. Sushant Patil, President of Dr. D. Y. Patil Educational Federation. Hon. Adv. Anuja Patil, Secretary DYPEF, Respected Mr. Vidyanand Mankar, Executive Director DYPEF and Respected Prof. (Dr.) Suresh Mali, Principal DYPCOEI as well as Head of Department of First Year Engineering Prof. Dipannita Mondal and all First Year Engineering department faculties were present.



**Shiv Rajyabhishek Sohala celebration.**



**First Year Engineering student Ms. Gayatri Patil recited Shiv Garjana**



First Year Engineering student Mr. Omark Gadade gave a speech on the journey of Chhatrapati Shivaji Maharaj.



All Engineering faculties and students attending Shiv Rajyabhishek Sohala ceremony.

## Student Counselling

### Advising

#### HOW TO PERFORM: A ROADMAP TO BECOME ENGINEER

The department of First Year Engineering organized a student counselling session on "How to Perform: A Roadmap to Become Engineer". The session was conducted by Prof. (Dr.) Suresh Mali, Principal DYPCOEI on 13<sup>th</sup> June 2023. Program started at 11:30am with a brainstorming session. The speaker highlighted about few facts, that are important to crack exam that is concentration, time

management, consistency in studies, preparing own notes and writing answer in exam with the help of important keywords / jargon.



Prof. (Dr.) Suresh Mali, Principal DYPCOEI interacting with First Year Engineering Students.

However, the speaker concluded the session by giving message to student that success does not come in one try. It takes a lot of perseverance and effort to succeed in something. In this process, we sometimes fail. And although this failure can seem very disheartening, we must not stop there. This is because failure is merely the stepping stone to success. The Speaker ends the session with question answer session.



Students Question Answer Session with Prof. (Dr.) Suresh Mali, Principal DYPCOEI.



## Yoga and Meditation Session

### Reflection

The department of first year engineering and NSS conducted Yoga session on occasion of International Yoga Day on 21<sup>st</sup> June 2023 at 9:30am DYPCOEI Seminar Hall. The event began with a brief introduction on Yoga Day by Prof. V. Dange and by welcoming the guest of honor Mr. Ganesh Mali and their team, from Sahaj Yoga Meditation Trust.



**Prof. Dipannita Mondal, Head of FE felicitated Mr. Ganesh Mali and their team on Yoga Day.**

The speakers began the seminar by addressing the questions "what is yog?" The speaker explained significance of yog in student's live. The team explained the students the subtle system of human also explains about various energy centre or chakaras in our body like "kundalini".

The speaker also relates our thinking system with ida and pingala nadi explains how our thinking system should work. Speaker also highlights importance of meditation in student's life. With the

instructor, all of the students engaged in meditation exercises. These activities are beneficial for daily mental stability.



**Welcome address by Prof. Venkatesh Dange.**

### Outcomes:

- Students understand importance for yoga and meditation in their life.
- Students learned some meditation techniques which are helpful for them in future.

However, the session ended by performing dhyan with meditation song. The Speaker ends the session by interacting with students and question answer session.



**First Year Engineering Students Attending Yoga and Meditation Session.**



Group photo of Yoga instructor team, Students and faculties.

## NAAC Awareness Program

### Cognizance

Dr. Suresh N Mali, Principal DPCOEI organized a NAAC awareness program for the students of FE, SE and TE Engineering students.

- NAAC importance.
- Paced up exchange programs and international tie-ups.
- NAAC Accreditation Criteria.

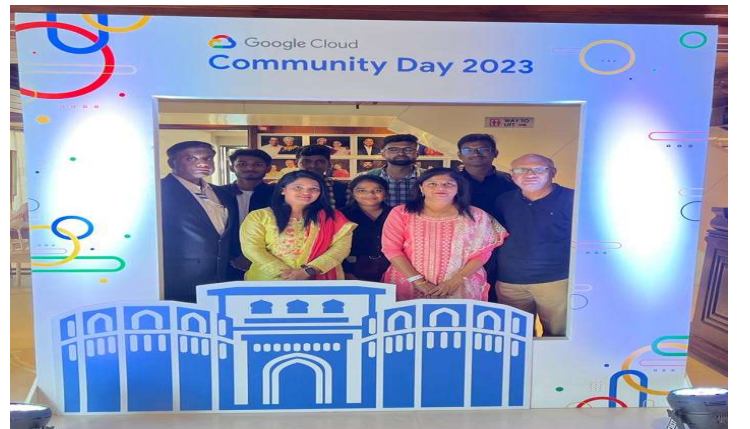


NAAC Awareness Program by Prof (Dr.) Suresh Mali, Principal DPCOEI, Varale for FE, SE and TE Engineering students.



Prof. (Dr.) Suresh Mali, Principal DYPCOEI interacting with Engineering Students.

## Google Cloud Community Day 2023



Prof. (Dr.) Alpana Adsul, HOD Computer Engineering, Mr. Rahul Misra, TPO, Prof. T. Arivanantham, Prof. Snehal Mangale along with Second Year Engineering students were attended Google Cloud Community Day 2023 meet at Buntara Bhavana Banquet Hall and Auditorium in Pune.

Google Cloud Community Day 2023 meet was arranged at Buntara Bhavana Banquet Hall and Auditorium in Pune. Started by Mr. Romin Irani brief introduction about “From Code to Production on Google Cloud” at 9:10am – 9:30am. Mr. Sanket Bisne explained “Infrastructure as Code (IAC) with

Google Cloud Platform (GCP) at 9:30am – 9:50am. Mr. Dheeraj Choudhary clarified “Streamlining Continuous Delivery with Spinnaker: Best Practices and Real-World Use Cases” at 9:50am – 10:10am. Mr. Pritam Sahoo elucidated “Enterprise Database migration and Alloy DB” at 10:10am – 10:30am, end of the session, some fun activities were organized by the team like there were many eminent personalities delivered Google Cloud latest innovations.

## Cyber Shiksha & Cyber Suraksha – Quick Heal



On behalf of DYPCOEI, Varale facilitated Mrs. Anupama Katkar, Chairman Quick Heal Foundation & Chief of Operational Excellence Quick Heal Technologies Ltd. by Prof. (Dr.) Alpana Adsul & Raj Kashid, SE Computer Engineering Student with Mr. Rahul Misra, TPO.

## Farewell 2022-23

Sendoff

It was the First Farewell party conducted by the Department of Computer Engineering on 2<sup>nd</sup> June 2023 at Somton Hotel, Talegaon.

It was organized by the Third Year Engineering students for the Final Year Engineering students with the support of the faculty members.

The meet started with the goddess Saraswati Vandana and enlightening the lamp by Mr. Vidyanand Mankar, Executive Director of DYPEF, Dr. D. Y. Patil College of Engineering and Innovation. Prof. (Dr.) Suresh Mali, Principal DYPCOEI, Prof. (Dr.) Alpana Adsul, Head, Department of Computer Engineering, Prof. (Dr.) Latika Desai, Head, Department of AI-DS, Prof. Dipannita Mondal, Head, Department of First Year & Mr. Rahul Misra, Training and Placement Officer.

The welcome speech was given to all the members present over there.



**Prof. (Dr.) Suresh Mali, Principal felicitating Honorable Dr. Sushant Patil, President DYPEF.**

Hon. Dr. Sushant Patil was felicitated by Prof. (Dr.) Suresh Mali, Principal DYPCOEI for the First Farewell – 2023 on behalf of Computer Engineering Department, DYPCOEI, Varale.



**Prof. (Dr.) Alpana Adsul, HOD Computer Engineering felicitating Respected Mr. Vidyanand Mankar, Executive Director of DYPEF.**

Respected Mr. Vidyanand Mankar was felicitated by Prof. (Dr.) Alpana Adsul, HOD Computer Engineering, DYPCOEI for the Farewell – 2023 organized by Computer Engineering Department.



**Prof. (Dr.) Latika Desai, HOD of AI-DS felicitating Prof. (Dr.) Suresh Mali, Principal DYPCOEI.**

Respected Prof. (Dr.) Suresh Mali was welcomed by Prof. (Dr.) Latika Desai, HOD AI-DS, DYPCOEI on the occasion of Farewell 2023.

The games were organized for the students and staff members. Some of the competition conducted

to show case the talent of students (Dancing, Singing, Fish Pond etc).



**Fun Games conducted by TE students for their Seniors.**

Students were shown their talent on fun game conducted by juniors and it was fun moment.



**Honorable Dr. Sushant Patil, President DYPEF Wished Good Luck to the final year students – 2023 batch for their future.**

Hon. Dr. Sushant Patil said “The finest steel has to go through the hottest fire” the quotes of Richard M. Nixon and Wished Good Luck to the final year students – 2023 batch for their future and shared his experience in the educational field.



**Respected Mr. Vidyanand Mankar, Executive Director of DYPEF Best of Luck to pass out batch of 2023 for their future.**

Respected Mr. Vidyanand Mankar advised pass out batch of 2023 with quotes of Jimmy Carter “You can do what you have to do, and sometimes you can do it even better than you think you can” along with Best of Luck.



**Final Year Mr (Mayur Hiwale) & Ms (Tejaswini Kadam) - 2023 felicitated by President.**

Final year students showed their talents and it was judged by the faculty members. Mr. Mayur Hiwale was selected as Mr – 2023 and Ms. Tejaswini Kadam was selected as Ms – 2023 both were felicitated by Hon. Dr. Sushant Patil, President DYPEF.



**Esteemed Prof. (Dr.) Suresh Mali, Principal DYPCOEI Best Wishes to the final year students.**

Respected Prof. (Dr.) Suresh Mali guided with quotes of “Yesterday is not ours to recover, but tomorrow is ours to win or lose” by Lyndon B Johnson with Best Wishes to the future alumina of the institute - 2023.



**Mr. Vishal Tank, Student Council President of Computer Engineering Department, DYPCOEI, Varale given guidelines & views to Junior students and about College and Department.**

Mr. Vishal Tank shared his journey at DYPCOEI with his great experience as a student council

president of computer Engineering department. He has given guidelines to juniors for their bright future.



**Honorable. Dr. Sushant Patil, President DYPEF, Respected Mr. Vidyanand Mankar, Executive Director of DYPEF, Respected Prof. (Dr.) Suresh Mali, Principal DYPCOEI, Teaching and non-teaching staff attended the Farewell along with students.**



**Honorable. Dr. Sushant Patil, President DYPEF, Prof. (Dr.) Suresh Mali, Principal DYPCOEI with Student Council members.**

End of the program Hon. Dr. Sushant Patil discussed with student council members of DYPCOEI and taken feedback about the student's perception and expectation from the institute.



**All Students enjoyed Farewell - 2023 DJ Party organized by DYPCOEI, Varale.**

The DJ party was conducted after all the structured program as per the scheduled. They said wholehearted thanks to management for their effortless support in their journey from starting day to the current moment.



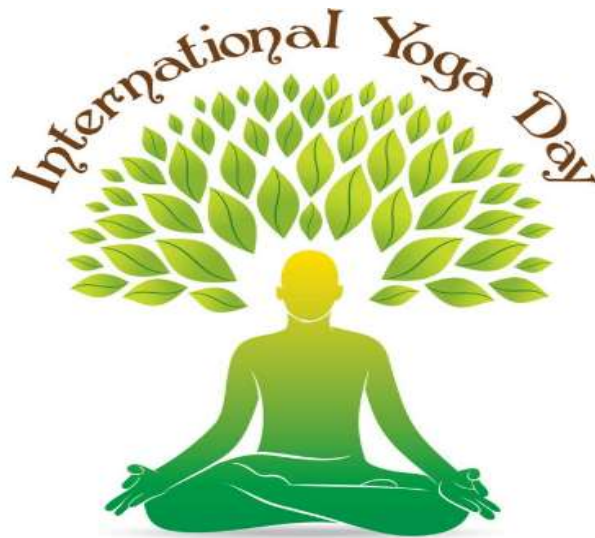
**Honorable President Dinner with Faculties of DYPCOEI, Varale.**

The dinner was arranged at the end of Farewell 2023.

**“Best of Luck on Your  
Next Adventurous Endeavors”.**

## Quotes of the Month

21  
June



Yoga is the journey of the self, to the self, through the self.  
Happy World Yoga Festival!



21 JUNE  
**International  
Music  
Day**

Music is the best therapy for your soul.  
Happy World Music Day