



SUMMER 2024

SHANTI EDUCATION SOCIETY'S
A.G.PATIL POLYTECHNIC INSTITUTE,
SOLAPUR



Program : Computer Engineering

NEWSLETTER

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It gives me an immense pleasure to present this issue of newsletter of Computer Engineering Department. The newsletter offers a platform for showcasing departmental activities throughout the year and sharing the journey of our department. I am feeling proud to say that our department has got an “NBA Accreditation” in A.Y. 2017-18 and got “Excellent” remark from EAMC MSBTE, Mumbai.

As per our vision our team strives to persistently improve educational environment in our department. We are always engaged in the activities for overall development of our students with various aspects like technical education, self-motivation, ethics and personality. As the field of computer is ever changing, we arrange various additional workshops, seminars and expert lectures for our students and motivate them to pursue advanced graduate studies so that they can cope-up with challenging industrial context. I look forward to many more upgrading issues of the newsletter in coming future. My best wishes always!

Mr. Patil T. L.
Head of the Department

VISION :

To create skilled and technically competent diploma computer professionals to meet the need of industry, business & society.

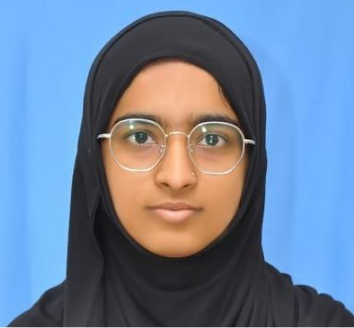
MISSION :

1. To cope up with rapid changing technology in the field of computer Engineering.
2. To build team work, innovation & professionalism among students.
3. To develop competency for meeting needs of business & society.

Program Educational Objectives (PEOs) :

1. To practice as computing professionals conducting research, designing, developing and maintaining projects in various technical areas.
2. To apply the ethical and social aspects of modern computing technology to fulfill the needs of society.
3. To work effectively as a team member and or leader in an ever changing professional challenges.

TOPPERS LIST

Topper rank & Year			
1 st Year			
Name of Topper	Ankita Vikas Chavan	Rukiya Mubin Kadechur	Ankita Ramu Sirsal
2 nd Year			
Name of Topper	Shobha Shrirang Biradar	Shrishant Vishnu Jadhav	Srushti Hampanna Angadi
3 rd Year			
Name of Topper	Aman Awez Shaikh	Omkar Ratan Gondkar	Pushkaraj Santosh Palli

Co Curricular Activities



Aman Shaikh, Omkar Gondkar, Pushkaraj Palli (TY-CO) Got Second Prize in National Level Project Competition held at IT Dept., of Anantrao Pawar College of Engineering & Research, Pune



Omkar Gondkar & Mrunal Thamake (TY-CO). Got Third Prize in Blind 'C' Programming Competition held at SVIT Polytechnic, Solapur

Extra Curricular Activities



Football Winners



2nd Prize in Cricket
Akshara Kota
Anjali Bhandare



1st in Volleyball DYF



SYCO:- 1)Kshitij Gambhire
2)Yash Mane

TYCO:- 1)Peeyush Bagewadi
2)Shrihari Bura

Extra Curricular Activities



Piyush Prakash Mandollikar 1st Prize
in Video making
In A.G.Patil Polytechnic Institute



Piyush Prakash Mandollikar &
Kaushik Sunil Ingale
3rd Prize in Debate in DYF



Piyush Prakash Mandollikar,
Kaushik Sunil Ingale ,
Shreyash Santosh Kulkarni,
Aryan Motilal Mittha,
Prashant Shankar Tupponi
2nd prize in Reel Making
on Social Cause in DYF



Piyush Prakash Mandollikar 1st Prize
in Spot Photography in DYF

Extra Curricular Activities



Akshara Kota 2nd Prize
in Book Review Competition
in A.G.Patil Polytechnic Institute



Chess competition winner 2024 (BOYS)
Winner -: Onkar Omprakash Kamtam(TYCO)
Runner up -: Chinmay Rajendra Kolekar(TYCO)

National Service Scheme



Tree Plantation activity was held for students under NSS scheme to spread awareness about saving trees & nature



Food donation activity was held for students under NSS scheme to spread awareness about saving food and help needy people

Memorandum of Understanding (MoU)

During this academic year department has made three Memorandum of Understanding (MoU) with,

- Dream Technology Pvt Ltd , Solapur
- Dacway Infotech, Solapur
- This will help our students to improve their practical knowledge by easily visiting these industries

Master Talks (Expert Lectures)

1. A Guest Lecture for all students on 'Android App Development' by Mr. Wassim Attar.
2. Expert Lecture on 'Advanced Web Development and Design' by Mr. Javed Sir at AGPPI Solapur.
3. Expert Lecture on 'Java Programming and Advance Concept' by Mr. Swami Sir at AGPPI Solapur.



Industrial Visits

1. Industrial visit to Super Computer IT Services, Solapur for Third year students.
2. Industrial visit to Shree Vidya Infotech, Solapur for Third year students.
3. Industrial visit to Dream Technology, Solapur for Third year students.



Faculty Achievements Workshops/Training Attended

1. Mr. Patil T.L –
 - FDP on "Machine learning"
2. Mr. Kulkarni M.M –
 - Full Stack Application Development with MS Azure cloud
3. Mr. Goden N.A. –
 - Full Stack Application Development with MS Azure cloud
4. Ms. Jadage S.L. –
 - 1 week national FDP on " Cloud Infrastructure (AWS)
 - "Teacher & Learner Engagement in Project Based & Problem Based Learning"
 - Recent Trends In Power Electronics And AI/ML
5. Ms.Sachdev J.C. –
 - Recent Trends In Power Electronics And AI/ML
 - "Teacher & Learner Engagement in Project Based & Problem Based Learning"
 - Deep Learning for NLP and Computer vision
6. MS.Kharosekar A.S. –
 - Android Application Development.
7. Ms.Gali S.S.
 - "Teacher & Learner Engagement in Project Based & Problem Based Learning"
 - Android Application Development
 - Value Education

Other Achievements

- Mr Kulkarni M.M worked as Coordinator for Technical Paper Presentation-Soft Insignia V.24.
- Ms. Jadage S.L worked as Coordinator for Technical Quiz Competition-Soft Insignia V.24.



College Events

1. On 15th September 2023 at AGPPI, an Events to encourage students on occasion of Engineer's day was Coordinated by students of S.Y.CO and T.Y CO combined together.
2. On 2nd March 2024 at AGPPI, an Events to Praise Staffs and College Faculty occasion of Teacher's Day was Coordinated by students of S.Y CO and T.Y CO combined together.
3. On 20th April 2024 at AGPPI, an Traditional Day was Organised to increase cultural activities inside Students.



Traditional Day



On 20th April 2024 at AGPPI, an Traditional Day was Organised to increase cultural activities inside Students.



3rd year sendoff.

Stimulating the Final Score : User-Driven IPL Score Prediction Using Machine Learning



Standing from left

- 1) Mr. Ganesh Pagadyakul
- 2) Mr. Darshan Awale
- 3) Ms. Jagade S.L. (Project Guide)
- 4) Ms. Mrunal Thamake
- 5) Ms. Aabha Jahagirdar

Fans all over the world are captivated by the intense cricket competition known as the Indian Premier League (IPL). For fanatics, there's an additional level of thrill when they can predict the result of these contests. In order to anticipate IPL match scores, this project explores the field of cricket analytics by creating a model based on Python. The model makes use of numerous variables that have a big impact on how a match plays out. Among these are: Team Dynamics: A significant factor in deciding the ultimate score is the past results of the bowling and batting teams. Pitch Conditions: A pitch's ability to support batting or bowling can have a big impact on how many runs are scored. Match Progression: The pressure on the batting team and scoring rate are reflected in the current over (beginning innings, middle over, and death over). Wicket Loss Instinct. The model seeks to understand the intricate relationships between different game elements and how they affect the overall score by examining five crucial elements. This research offers a data-driven method for predicting IPL match scores, adding to the expanding field of sports analytics.



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"ALL PROGRAMS NBA ACCREDITED"

Approved by : All India Council for Technical Education (AICTE), New Delhi

Recognized by : Government of Maharashtra

Approved by : Directorate of Technical Education (DTE), Mumbai

Affiliated to : Maharashtra State Board of Technical Education (MSBTE), Mumbai

An 'Excellent' Grade awarded by MSBTE, Mumbai

COURSES OFFERED IN DIPLOMA ENGINEERING

Discipline	Intake Capacity	Duration
Mechanical Engineering	60	3 years
Electronics and Telecommunication	60	3 years
Civil Engineering	60	3 years
Computer Engineering	60	3 years
Electrical Engineering	60	3 years
Total Intake	300	

