Amrutvahini College of Engineering, Sangamner

Department of Information Technology

SITES — Society of Information Technology Engineering Student

Beginning of Innovative World

Anvesh
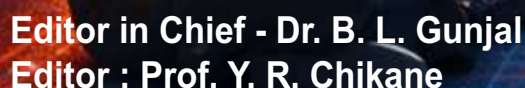
Editor in Chief - Dr. B. L. Gunjal
Editor : Prof. Y. R. Chikane

Message from HOD's Desk

Dr. B. L. Gunjal, HOD, Dept. of IT

" यत् भावो तत् भवति..!!
(What you believe, so you become)

The academic planar of 2024-25: Semester-II was effectively implemented by TEAM-IT and SITES including all faculties and students with support of college authorities. NBA, New Delhi team visited as a part of accreditation compliance. Thanks to all experts of I.T. field those visited department, interacted with faculties, students and provided valuable inputs to I.T. department: Mr.Tanmay Dixit, Nashik, Dr. Priti Jorvekar, Developer Calsoft Pune, Mr. Sudeep Hase, Director, Yuva Polyprint, Sangamner, Mr. Vishal Kadlag,BI and Data Architect,TCS Pune, Ms. Suvarna Bibe, CEO, MyWebZ Sangamner, Ms. Dhanashri Autade, Senior Consultant, Capgemini Pune, Dr. Parikshit Mahalle, VIT, Pune, Mr. Sumit Attal, CEO MaxTech, Mr. Ajay Bhujbal, SBI Kopargaon, Mr.Rahul Wagh, Pune, Mr.Nikhil Kulkarni, General Manager & Head Incubation, Nashik, Mr.Virendra Patil,Senior Software Engineer, Exabeam Pune, Mr. Dakshineshwar Swain, Senior Techical Lead, InfoBeans, Pune, Dr.R.N.Devikar, Swabhav Techlabs, Mumbai, Dr. V.S. Sable, HoD, AVCOE-MBA, Trainers of Edunet Pune, EYGDS, Zensar Technologies and Gnosis, Mr.Abhinav Tiwari, Selfmade Software Pune, Mr.Sumeet Boob, Senior Manager Brillio Pune, Ms.Chaitali Pandharpure, Assistant Vice President in Deutsche German Bank, Pune.

The students visits of SE at Credit Systems, Pune, BE at Yuva Polyprint, Sangamner, students representatives visit at Ankai Tankai Fort are successfully completed. Congratulations to all 57 BE students those placed till end of this academic year. Congratulations to Ms. Pratiksha Pawase, Mr. Dipak Mandlik, Ms. Sonali Thorat, Mr.Pranav Gagare, Mr. Abhishek Karpe, Ms. Aditi Phapale, Mr. Sandesh Dhage, Ms. Nayana Jadhav, Ms. Pooja Khule, Ms. Shruti Kawade, Mr. Amol Gaikwad, Ms.Tanuja Kawade, Ms. Komal Pawar for Amrut meritorious scholarship . Congratulation to Mr. Atharva Awari and interdisciplinary team won prize of Rs.15,000 at Andhra University, Ms Kajal Ghodake Qualified GATE-2K25 examination, Mr. Sushant Gunjal,Yash Deth and interdisciplinary team received Best Startup Award Startup Expo-2025, Pune. Congratulations to AmrutExpo-2025 winners: Mr. Abhishek Karpe and team(First Prize: Rs: 5000/-), Ms. Mugdha Upasani and team(Second Prize: Rs: 3000/-), Ms. Prachi Rahane and team(Third Prize: Rs: 2000/-).

Congratulations to winners of IoT project competition organized in association with IEI chapter of IT department: Mr. Dhiraj Dahale with team, Ms. Narode Shubhangi with team and Mr. Aditya Patil with team received First prize(Rs,3000), Second prize(Rs.2000) and Third prize(Rs.1000) respectively. Mr. Bhawar Mahesh and Team secured second prize (Rs.2000) winning team in Smart Campus Ideathon organized by Computer Engg Department. Mr. Ashish Bhagwat and Team secured 3rd prize(Rs.1000) winner team in AI visionary organized by Computer Engg Department. Special congratulations to the students for Hackathon participation at various states: Mr. Dhiraj Dahale and his interdisciplinary team at Karnataka. Mr. Narendra Wakhare, Mr.Yash Gorde, Ms Mayuri Shirude and their interdisciplinary team at Tamilnadu. Ms. Nikita Pawar and her interdisciplinary team at Delhi, Mr. Abhijit Gorde and interdisciplinary team at Telangana. Ms. Pathan Sabiha, Ms. Sonawane Pooja and Mr.Mulay Atharva participated in inter college Chess competition at Shirdi. Congratulations to following students for receiving copyrights for their Hackathon based projects: Ms.Nikita Rajendra Pawar as interdisciplinary team, Mr.Narendra Wakhare, Ms.Mayuri Shirude, Mr.Yash Gorde and interdisciplinary team, Mr.Dhiraj Dahale and interdisciplinary team .

Appreciation to IT faculties for various achievements in this semester: Dr.B.L.Gunjal and Prof P.S. Hase published book chapter. Dr.B.L.Gunjal and Prof A. D. Gawali received copyright. Prof Y.R. Chikane, Prof P.S. Hase and Prof A.D.Gawali completed NPTEL certifications. Dr. R.S.Bhosale published book. Prof R.B. Pawar attended three days Juniper Conference at Bangalore. Prof A.D. Gawali, Prof R.A. Hande, Prof R.A. Bibave, Prof N.S. Hodgar and Prof S.R.Satpute received ISTE life membership. Dr. B.S.Borkar,Dr.A.V.Markad, Dr. M.A. Chaudhari, Prof S.C. Deshmukh, Prof R.N. Muneshawar and all IT faculties completed 5S workshop.

Our ultimate goal is to strive for excellence in academic, results, placements and overall development of students. We strongly believe that "Excellence is a continuous process and not an accident."

Institute Vision and Mission

VISION

To create opportunities for rural students to become able engineers and technocrats through continual excellence in engineering education.

MISSION

Our mission is to create self-disciplined, physically fit, mentally robust and morally strong engineers and technocrats with high degree of integrity and sense of purpose who are capable to meet challenges of ever advancing technology for the benefit of mankind and nature.
 We the management, the faculty and staff therefore promise strive hard and commit ourselves to achieve this objective through a continuous process of learning and appreciation of needs of time.

Department Vision, Mission, PEOs, PSOs

VISION

To transfer the rural learners into competent I.T. engineers and technocrats in emerging areas of I.T. Engineering education through continual excellence for the benefit of society.

MISSION

M1: To empower the youths in rural communities to be self-disciplined, physically fit, mentally robust and morally strong I.T. professionals.

M2: To provide cutting-edge technical knowledge through continuous process in rapidly changing environment as per need of industry and surrounding world.

M3: To provide opportunities for intellectual and personal growth of individuals in rural platform using high quality Information Technology education.

Program Educational Objectives (PEOs)

PEO1: To develop competent I.T. graduate with knowledge of fundamental concepts in mathematics, science, engineering and ability to provide solution to complex engineering problem by analyzing, designing and developing using modern I.T. software and tools.

PEO2: To prepare I.T. graduate with professional skills of better communication, teamwork to manage projects in I.T. field at global level and ability to conduct investigations of complex problems using research based knowledge and research methods.

PEO3: To develop I.T graduates with ethical practices, societal contributions through communities understanding impact of professional engineering solutions in societal and environmental context and ability of lifelong learning.

PEO4: Have commitment ethical practices, societal contributions through communities and life-long learning.

PEO5: Possess better communication, presentation, time management and team work skills leading to responsible & competent professional sand will be able to address challenges in the field of IT at global level.

Program Specific Outcomes (PSOs)

PSO-1: Apply principles of science, mathematics along with programming paradigms and problem solving skills using appropriate tools, techniques to expedite solution in I.T. domain.

PSO-2: Demonstrate core competencies related to I.T. in domain of Data structures and algorithms, Software Engineering and Modeling, Hardware, Distributed Computing, Networking & security, Databases, Discrete mathematics and algebra, Machine Learning, Operating System.

PSO-3: Demonstrate leadership qualities and professional skills in modern I.T. platform for creating innovative carrier paths in placements, entrepreneurship and higher studies.

MEDHA 2025

Medha-2K25....A Mega Cultural Fest of Amrutvahini Sheti and Shikshan Vikas Sanstha, Sangamner....Celebrated during 2/2/2025-3/2/2025.Hon.Balasaheb Thorat, Hon.Sarayutai Deshmukh,Managing Trustee ASSVS, Dr.Jayashree Thoarat, Founder Ekvira fondation, Dr.Hasmukh Jain, Canser Specialist,Tata Hospital, Mr.A.B.Shinde,Chief Executive Office, AS&SVS, Dr.J.B.Gurav, Director Academic, AS&SVS, Dr.M.A.Venkatesh,Principal,AVCOE and Principals of all Units, All faculties, staff and students

Hon. Sharad Tandale

MEDHA 2025

MEDHA 2025

Cricketer Ajinkya Rahane

Kite Festival

MILAP ALUMNI MEET 2025

IT alumni meet under Medha - 2K25 was conducted on 2/2/2025 at SV hall between 2.00pm to 4.00pm. Total 24 alumni attended the meet. The senior alumni including batch 2010, 2011, 2012, 2014 alumni including entrepreneurs, working in MNCs and PhD holder attended the meet.

The flow of alumni meet was as follows:

1.Welcome address by student anchors: Ms. Aditi Nehulkar2.Department presentation by HoD IT: Dr. B.L. Gunjal3.Address by 3 senior alumni: Dr. B.D. Borkar, Dr.R.S. Bhosale and Dr. A.V. Markad4.Felicitation of alumni by hands of IT faculties along with students' representatives5.Address by guest alumni one by one6.Responses of alumni to students queries 7.Feedback by Prof S.C. Deshmukh and vote of thanks by Prof R.B. Pawar

MILAP ALUMNI MEET 2025

AMRUT MERITORIOUS

Amrut Meritorious Scholarship Distribution 20-2-2025.Dr.M.A.Venkatesh, Principal AVCOE Dr.B.L.Gunjal,HoD IT, Mr.Sumit Attal(IT:2008 Passout), CEO MaxTech and Mr.Vishal Kadlag(IT:2011 Passout), TCS, Pune,IT-Faculties, FE-M and N division students, SE-A and B division students were present for this function. Total 17 IT students received AmrutMeritorios scholarship of Rs: 6000/- each being SGPA 9.5 or above in academic year 2023-24 SEM-II.

AMRUT MERITORIOUS

AMRUT EXPO 2025

Few snaps of AmrutExpo-25 Project Exhibition cum Competition of Amrutvahini COE, Sangamner held on 4th and 5th April 2025.Coordinator: Dr.A.V.Markad.Total 65 BE-IT students participated this event.
The judges for IT department were:
1.Mr.Vishal Kadlag, Business Intelligence Architect, TCS Pune, 2011 Passout
2.Mr.Virendra Patil,Senior Software Engineer, Exabeam Pune, 2011 Passout
3.Mr.Dakshineshwar Swain, Senior Techical Lead, InfoBeans, Pune, 2017 Passout

NBA EXPERT VISIT

NBA Experts Team for IT, ETC and Civil visited college on 31-5-2025

JAYANTI MAHOTSAV

Jayanti Mahotsav celebrated at college level through Cultural Cell 12-1-2025

BLOOD DONATION CAMP

Blood donation camp on 11/2/2025

ALUMNI VISIT

Our 2004 passout alumni:Mr.Sumeet Boob,Senior Manager Brillio Pune and Ms.Chaitali Pandharpure, Assistant Vice President in Deutsche German Bank, Pune visited college and IT department, 20/6/2025

Mr.Abhinav Tiwari, IT Passout 2020, presently working in Munro (Selfmade Software) visited department today, 6/6/2025

Best Wishes!

SHIVJAYANTI 2K25

SHIVJAYANTI ESSAY COMPETITION

Colleghe level essay competition on occasion of Shivjayanti. Objectives of this events are
1. Honoring Shivaji Maharaj's Legacy. 2. Promoting Historical Awareness.
3. Encouraging Research & Writing Skills. 4. Instilling Patriotism & Leadership.
5. Cultural & Ethical Learning.

FDP about "Drona: An Excellence in Teaching"(Exploring Innovative Teaching Pedagogies)
2/1/2025-3/1/2025 under Gnosis Trainers for AVCOE faculties
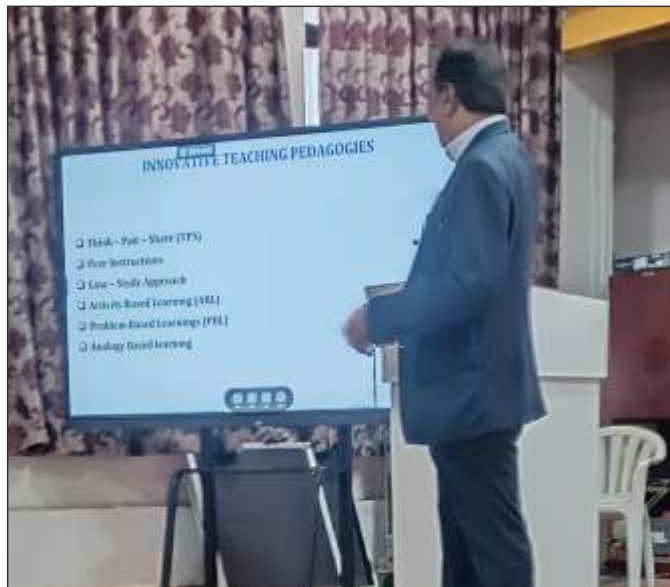
NEP SESSION

NEP Session organised by AVCOE for faculties: Resource person, Dr. G. C. Kulkarni, Pricipal, PCCOE, Pune,1/1/2025

Sangamner, Maharashtra, India
J57p+g3r, Sangamner, Ghulewadi,
Maharashtra 422608, India
Lat 19.613921° Long 74.185212°

TEAM IT PHOTOGRAPH

Photograph of all the faculties of department of Information Technology with Principal Dr. M. A. Venkatesh

GATE QUALIFICATION APPRECIATION

As per our policy, GATE Examination Fees paid to Ms.Kajal Ghodake being GATE Qualified Candidate, 2-5-2025

SESSION ABOUT AUTONOMY

Session about "Autonomy" by Dr.Parikshit Mahalle, VIT,Pune, 15-2-2025

SESSION ON COMPETITIVE EXAM

Session for SE and TE-IT about Banking Awareness for Competitive Examination in association with Institute Competative Exam Cell by Mr.Ajay Bhujbal,Branch Manager, SBI Kopargaon. He is our IT Alumnus passout-2011. Coordinator: Dr.B.S.Borkar, 22/2/2025

LEADERSHIP & PERSONALITY DEVELOPMENT

Session for SE and TE-IT about Banking Awareness for Competitive Examination in association with Institute Competative Exam Cell by Mr.Ajay Bhujbal,Branch Manager, SBI Kopargaon. He is our IT Alumnus passout-2011. Coordinator: Dr.B.S.Borkar, 22/2/2025

SESSION ON IDEASHOWCASE UNDER IIC

Session about "Ideashowcase: Linkage with Innovation" under IIC for SE-IT students by Mr.Nikhil Kulkarni, General Manager and Head Incubation, Nashik Engineering Cluster
Coordinator: Dr.B.S.Borkar, 27/3/2025

SE SOFTSKILL TRAINING

Soft skills training for SE-IT by Mr.Rahul Wagh,Pune during 4/3/2025-6/3/2025.
Coordinators: Prof A.D. Gawali and Prof R.A. Hande

VISIT TO STARTUP

Visit of BE-IT to startup at Yuva polyprint and packaging industry, Sangamner, 24/2/2025. The visit accompanied by Prof S.C. Deshmukh, Dr.A.V. Markad, Prof R.N.Muneshwar, Prof P.S. Hase and Prof A.D. Gawali

AVCOE IS NOW AUTONOMOUS

SE INDUSTRIAL VISIT

Industry visit of SE-IT:A Division at Credit Systems, Pune accompanied by Prof. S.C.Deshmukh, Prof. R.N.Muneshwar,Prof R.A.Hande and Prof R.A.Bibave, 22/1/2025.

FAREWELL OF MR. MILIND UGALE

Felicitation of Mr.M.K.Ugale by respected Principal Dr.M.A.Venkatesh,HoD-IT Dr.B.L. Gunjal along with Team-IT on his retirement 30-6-2025

SE WORKSHOP PROJECT BASED LEARNING

One day workshop for SE-IT about Project Based Learning by Mr.Tanmay Dixit, Cyber Sanskar,Nashik. Coordinators: Prof R.N.Muneshwar, Prof R.A.Hande, Prof R.A.Bibave. Cummins Scholarship recipient Mr.Shrinath Kale felicitated in the event...24/1/2025.

SESSION ON WEB DEVELOPMENT

Session about "Web Application Development", for TE-IT by Dr.R.N.Devikar,Swabhav Techlabs, Mumbai organised through Society of IT Engineering Students(SITES),Coordinator: Prof.S.R.Satpute, 5/4/2025

PROJECT BASED LEARNING WINNERS

Congratulations to PBL competition Prize winners::
First Prize::Rs.2000/-Ms.Diksha Rajpurohit and group.
Second Prize:Rs.1000/-Mr.Anish Dawkhar and group
Coordinator:Prof R.N.Muneshwar.
Thanks to respected Principal for motivation and support...14/2/2025

JUNIOR COLLEGE AKOLE VISIT

Dr.B.L.Gunjal Visited Modern Junior College Akole,12/6/2025 and interacted with Principal Prof. Mrs.C.S. Kamble,Science teachers Prof Pandit Deshmukh and team. Thanks to Vice Principal Jondhale sir and 12th Science Class-teacher Satpute sir for overall coordination.

NSS CAMP AT MALDAD SANGAMNER

Visit to NSS camp at Maldad Sangamner, 15/2/2025

TE INTERNSHIP

TE-Internship by Edunet Foundation in collaboration with EY GDS under the Next Gen Employability Program, the initiative focused on IR 4.0 skills in "Building Modern Web Applications with MERN Stack", 13/1/2025-25/1/2025 Zensar Training: 23/12/2024-11/01/2025. Coordinator: Prof S.C. Deshmukh

TE IT TRAINING SHELL PROGRAMMING

Training for TE-IT in Shell Programming with python by Edunet Pune. Coordinator: Prof S.C.Deshmukh. Training duration: 24/3/2025 to 27/3/2025
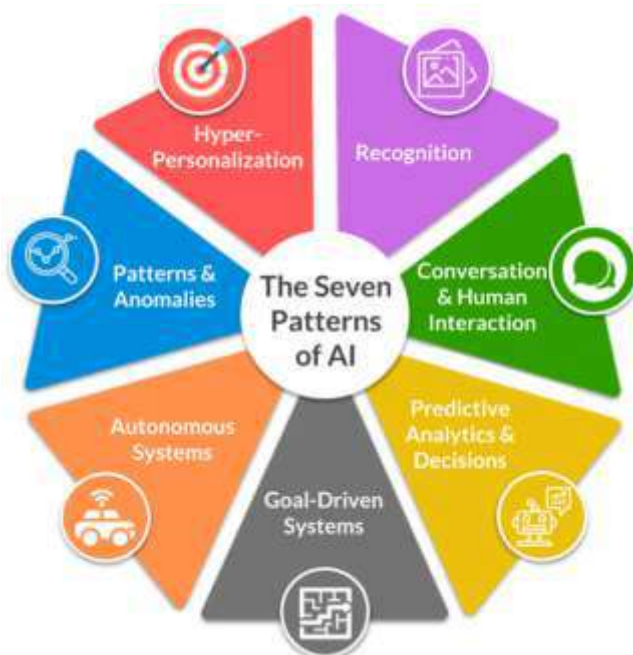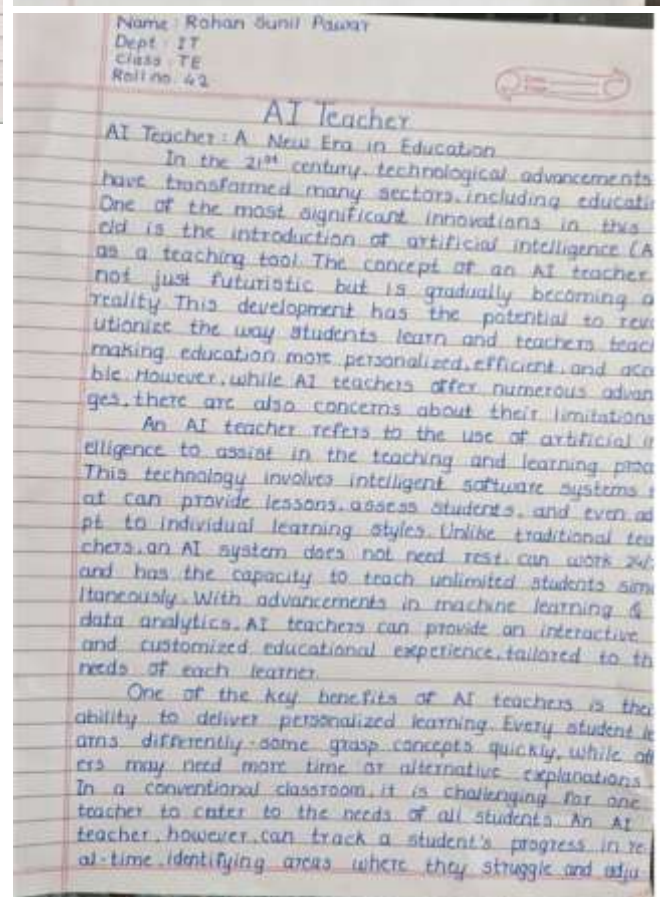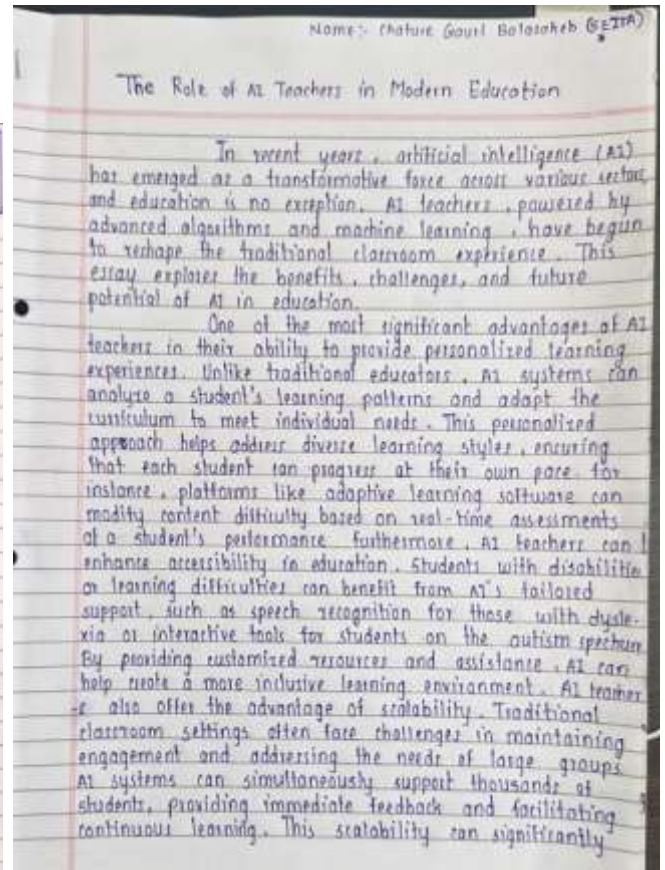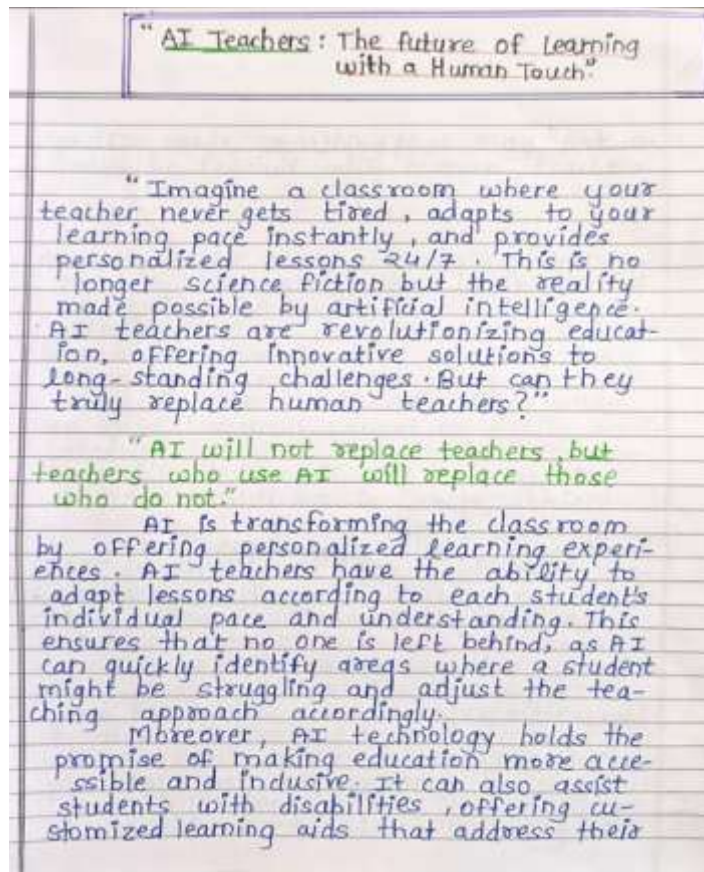
PHOENIX CLUB

"Essay writing Competition" - Phoenix club organized Essay writing competition for IT Dept. under the phoenix club. This event was organized on 24/09/2024. The winner of the competition were:

1. Shruti Sakahari Satpute - SE - B
2. Gauri Balasaheb Chature - SE - A
3. Rohan Sunil Pawar - TE

Event Coordinator: Prof A.D. Gawali

"AI Teachers : The future of Learning with a Human Touch"

"Imagine a classroom where your teacher never gets tired, adapts to your learning pace instantly, and provides personalized lessons 24/7. This is no longer science fiction but the reality made possible by artificial intelligence. AI teachers are revolutionizing education, offering innovative solutions to long-standing challenges. But can they truly replace human teachers?"

"AI will not replace teachers, but teachers who use AI will replace those who do not."

AI is transforming the classroom by offering personalized learning experiences. AI teachers have the ability to adapt lessons according to each student's individual pace and understanding. This ensures that no one is left behind, as AI can quickly identify areas where a student might be struggling and adjust the teaching approach accordingly.

Moreover, AI technology holds the promise of making education more accessible and inclusive. It can also assist students with disabilities, offering customized learning aids that address their

Name:- Chature Gauri Balasaheb (SE-A)

The Role of AI Teachers in Modern Education

In recent years, artificial intelligence (AI) has emerged as a transformative force across various sectors and education is no exception. AI teachers, powered by advanced algorithms and machine learning, have begun to reshape the traditional classroom experience. This essay explores the benefits, challenges, and future potential of AI in education.

One of the most significant advantages of AI teachers in their ability to provide personalized learning experiences. Unlike traditional educators, AI systems can analyze a student's learning patterns and adapt the curriculum to meet individual needs. This personalized approach helps address diverse learning styles, ensuring that each student can progress at their own pace. for instance, platforms like adaptive learning software can modify content difficulty based on real-time assessments of a student's performance. furthermore, AI teachers can enhance accessibility in education. Students with disabilities or learning difficulties can benefit from AI's tailored support, such as speech recognition for those with dyslexia or interactive tools for students on the autism spectrum. By providing customized resources and assistance, AI can help create a more inclusive learning environment. AI teachers also offer the advantage of scalability. Traditional classroom settings often face challenges in maintaining engagement and addressing the needs of large groups. AI systems can simultaneously support thousands of students, providing immediate feedback and facilitating continuous learning. This scalability can significantly

The Seven Patterns of AI
- Hyper-Personalization
- Recognition
- Conversation & Human Interaction
- Predictive Analytics & Decisions
- Goal-Driven Systems
- Autonomous Systems
- Patterns & Anomalies

Name: Rohan Sunil Pawar
Dept : IT
Class : TE
Roll no. 42

AI Teacher

AI Teacher : A New Era in Education

In the 21st century, technological advancements have transformed many sectors, including education. One of the most significant innovations in this field is the introduction of artificial intelligence (AI) as a teaching tool. The concept of an AI teacher not just futuristic but is gradually becoming a reality. This development has the potential to revolutionize the way students learn and teachers teach making education more personalized, efficient, and accessible. However, while AI teachers offer numerous advantages, there are also concerns about their limitations.

An AI teacher refers to the use of artificial intelligence to assist in the teaching and learning process. This technology involves intelligent software systems that can provide lessons, assess students, and even adapt to individual learning styles. Unlike traditional teachers, an AI system does not need rest, can work 24/7, and has the capacity to teach unlimited students simultaneously. With advancements in machine learning & data analytics, AI teachers can provide an interactive and customized educational experience, tailored to the needs of each learner.

One of the key benefits of AI teachers is their ability to deliver personalized learning. Every student learns differently - some grasp concepts quickly, while others may need more time or alternative explanations. In a conventional classroom, it is challenging for one teacher to cater to the needs of all students. An AI teacher, however, can track a student's progress in real-time, identifying areas where they struggle and adjust

SITES Committee

President
Dr. B. L. Gunjal (H.O.D.I.T.)

SITES Coordinator
Prof. R. B. Pawar

SITES Co-coordinator
Prof. A. D. GAwali

Vice President : Om Vetal
Ledies Representative : Samiksha Mulay
Treasurer : Manthan Rajurkar

S.E.I.T.	T.E.I.T.	B.E.I.T.
1. Sushant Gunjal	1. Sangale Pratik	1. Mugdha Upasani
2. Pratik Lagad	2. Bansode Roha	2. Sarthak Dhembare
3. Anurag Dhosmadikari	3. Vanpatre Sarthak	3. Sonali Thorat
4. Atharva Mule	4. Sonawane Nitesh	4. Anushka Rokade
5. Amol Gaikwad	5. Sonawane Nitesh	5. Rushikesh Zende
6. Aditya Patil	6. Arote Virendra	6. Tushar Kusmude
7. Anuja Avhad	7. Pawar Nikita	7. Hrushikesh Ghuge
8. Kshitija Matale	8. Kanawade Harshada	8. Sairaj Kadlag
9. Pratik Jagtap	9. Hase Chaitany	9. Mrunmai Rahatekar
10. Sakshi Phalke	10. Bhawar Mahesh	10. Bhakti Kangune

Congratulations !!　　　　　　　　**Congratulations !!**

SITES ACTIVITIES

DEPARTMENT OF INFORMATION TECHNOLOGY
ACADEMIC YEAR 2024-25: SEMESTER-II

LIST OF ACTIVITIES CONDUCTED UNDER SITES

Sr. No	Activity Name	Class	Date	Faculty Incharge	Organized By
1.	Group Discussion	SEA	21/02/2025	Prof. R. N. Muneshwar	SITES
2.	Visit to Fort	All Class	16/02/2025	Dr. R. S. Bhosale	SITES
3.	Essay Competition	All Class	14/02/2025	Prof. A. D. Gawali	SITES
4.	NPTEL Awareness Program	SE	7/02/2025	Prof. A. D. Gawali	SITES
5.	Department Alumni Meet	All Class	2/02/2025	Prof. S. C. Deshmukh	SITES
6.	Self Introduction	BE	25/02/2025	Prof. R. B. Pawar	SITES

PLACEMENT 2024-25

Lamkhade Akshay
Godrej InfoTech, Mumbai
4 LPA

Rutuja Gayke
Cognizant Technology
4 LPA

Shruti Gunjal
Cognizant Technology
4 LPA

Aditi Phapale
PiByThree
5 LPA

Dipak Mandlik
PiByThree
5 LPA

Abhishek Karpe
Checkmarx India Technology
7 LPA

Tushar Kusmade
Baap Company
3 LPA

Aditya Nikam
Baap Company
3 LPA

Kiran Murtadak
Baap Company
3 LPA

Sairaj Kadlag
Baap Company
3 LPA

Akshay Navale
Baap Company
3 LPA

Dipak Mandlik
Baap Company
3 LPA

Prasad Khairnar
HonchoMinds
Pvt.Ltd., 4.5 LPA

Rohit Rahane
HonchoMinds
Pvt.Ltd., 4.5 LPA

Narendra Wakhare
HonchoMinds
Pvt.Ltd., 4.5 LPA

Priyanka Pawar
Infosys
3.6 LPA

Prachi Rahane
Infosys
3.6 LPA

Amruta Phatangare
Infosys
3.6 LPA

Aditi Phapale
Infosys
3.6 LPA

Anjali Ingale
Infosys
3.6 LPA

Congratulations

PLACEMENT 2024-25

Kiran Murtadak
WebTech Developers Pune
4.3 LPA

Mugdha Upasani
LCube
3 LPA

Anushka Rokade
LCube
3 LPA

Pratiksha Pawase
LCube
3 LPA

Suhana Patel
LCube
3 LPA

Parth Samudra
p-Nut Health Pvt Ltd
4 LPA

Priyanka Pawar
Deloitte
4 LPA

Bhakti Kangune
Deloitte
4 LPA

Kiran Murtadak
Tata Technology
4.5 LPA

Akshay Navale
Tata Technology
4.5 LPA

Borade Aditya
Tata Technology
4.5 LPA

Pratiksha Pawase
LTI Mindtree
4.05 LPA

Aditya Nikam
LTI Mindtree
4.05 LPA

Mugdha Upasani
LTI Mindtree
4.05 LPA

Disha Ghuge
LTI Mindtree
4.05 LPA

Rohit Wale
LTI Mindtree
4.05 LPA

Abhijit Pathare
LTI Mindtree
4.05 LPA

Kajal Ghodake
Manasvi Tech Solutions
3.2 LPA

Smaksha Gupta
Manasvi Tech Solutions
3.2 LPA

Sandesh Dhage
QualityKiosk Technologies
2.5 LPA

Congratulations

PLACEMENT 2024-25

Hrushikesh Ghuge
QualityKiosk Technologies
2.5 LPA

Tejas Kardile
QualityKiosk Technologies
2.5 LPA

Kajal Ghodake
Cognizant Technology
4 LPA

Pooja Khule
Cognizant Technology
4 LPA

Sandesh Dhage
Cognizant Technology
4 LPA

Mrunmai Rahatekar
Emcure Pharmaceuticals
4.5 LPA

Mrunmai Rahatekar
QSpiders Campus Connect
Incubation

Nilesh Pulate
QSpiders Campus Connect
Incubation

Prachi Aher
QSpiders Campus Connect
Incubation

Kajal Ghodake
QSpiders Campus Connect
Incubation

Ashish Bhosale
QSpiders Campus Connect
Incubation

Samiksha Shinde
QSpiders Campus Connect
Incubation

Sanika Shinde
QSpiders Campus Connect
Incubation

Anmol Rangneniwar
QSpiders Campus Connect
Incubation

Mayur Kotkar
QSpiders Campus Connect
Incubation

Varsha Mendhkar
QSpiders Campus Connect
Incubation

Sandesh Dhage
QSpiders Campus Connect
Incubation

Congratulations

ISO 21001 EDUCATION

TÜV SÜD
South Asia

CERTIFICATE

**The Certification Body
of TÜV SÜD South Asia Private Limited**

certifies that

Amrutvahini College of Engineering
**Tal - Sangamner, Dist -Ahmednagar Amrutnagar, PO - Sangmner (SK)
Sangamner – 422 608, India**

has implemented Educational Organizations Management System

in accordance with **ISO 21001:2018**

for the scope of

**Providing Technical Education to the Undergraduate Students in the
Faculties of Civil, Mechanical, Automation and Robotics, Electronics
and Telecommunication, Electronics and Computer, Electrical,
Computer, Information Technology, Artificial Intelligence and Data
Science and to the Postgraduate Students in Master in Business
Administration as per Savitribai Phule Pune University Syllabus and
AICTE Guidelines**

The certificate is valid from **2024-12-31** until **2027-12-30**
Subject to successful completion of annual periodic audits
The present status of this certificate can be obtained through TUV SUD website by scanning below QR code and by
entering the certificate number (without spaces) on web page. Further clarifications regarding the status & scope of
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Certificate Registration No. **99 135 00078**

Date of Initial certification: **2024-12-31**

Issue Date: **2024-12-31** Rev. **00**

Rahul Kale
Head of Certification Body
of TÜV SÜD South Asia Private Limited,
Mumbai
Member of TÜV SÜD Group

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TÜV

Faculty Achievements

1. Dr. R.S. Bhosale published a book Data Dreams Building Tomorrow with AI and Machine Learning. ISBN: 978-9355458940, Namya Press (8 July 2024); 213, Vardaan House, 7/28, Ansari Rd, Daryaganj, Delhi, 110002, https://amzn.in/d/0gFdidq7

2. Prof Anita Gawali, Dr. Baisa Gunjal, "Designing algorithm for context based analysis using deep learning (CNN + RNN) with image dataset", Springer International Journal of Information Technology, August 2024. https://link.springer.com/article/10.1007/s41870-024-02081-9

3. Prof P.S. Hase, Dr. B.L. Gunjal published book chapter " A Comprehensive Study of Sentiment Analysis Predicted On Machine Learning Classifiers for various datasets" in the book " Futuristic Trends in IOT" Volume 3, Book 6, ISBN: 978-93-6252-732-5, published in IIP series by Iterative International Publishers, 30/4/2024.

4. Prof. R.A.Bibave attended workshop about Women safety and scholarship at SPPU Pune. 20/9/2024.

5. Congratulations following IT faculties for their NPTEL certification in Research Methodology with ELITE score.
   1. Prof P.S.Hase
   2. Prof A.D.Gawali

6. Prof Anita Gawali, Dr. Baisa Gunjal received copyright on Context-Base Sentiment Analysis with Various feature Extraction Techniques Using Deep Learning(L-155049/2024)

7. Prof R.B. Pawar attended Juniper Conference at Bangalore during 23/10/2024 -25/10/2024.

8. Congratulations for publishing paper in UGC Care Journal: IJTE, Volume 47 l Special Issue l October 2024, ISSN 0971-3034.

1.Smart Crop Prediction and Fertilizer Recommendation using Machine Learning 129
R.S. Bhosale, Tushar P. Kakad, Komal C. Kakad, Sagar H. Supekar, Siddhi B. Shirole

2.Tomato Leaf Diseases Detection using Deep Learning 380 R. S. Bhosale, Rishikesh Arote, Amishwar Deshmukh, Prasad Shinde

9. Dr. B.L.Gunjal & Mr. V.K. Abhang registered copyrights on A novel deep learning-based drug response prediction with multi-omics, drug molecules and gene interactions(L-156301/2024)

10. Dr. B.L. Gunjal, P. B.Vikhe presented research paper on topic "Advanced Machine Learning Based Capsicum Leaf Disease Prediction System" in 4th IEEE international conference at Tamilnadu, India, 12-13 December 2024.

11. Dr. B.L. Gunjal, P. B.Vikhe presented research paper on topic "Capsicum Leaf Disease Detection using different learning techniques" in 5th IEEE international conference at Bengaluru, India, 17-18 December 2024.

Congratulations !!   **Congratulations !!**   **Congratulations !!**

12. Dr. Baisa L. Gunjal attended National level STTP on Java Full stack with React JS and AI organised by Brainovision in association with AVCOE and AICTE during 2/12/2024-22/12/2024.

13. Prof A.D. Gawali, Prof R.A. Hande, Prof R.A. Bibave, Prof N.S. Hodgar and Prof S.R. Satpute received Life Membership of Indian Society for Technical Education (ISTE)

14. Dr. A.V. Markad participated in 5 Days FDP on Next Generation Technologies in Information & Communication organized by BCET in association with IIC during 5/11/2024-9/11/2024

15. Dr. A.V. Markad Successfully Completed one week FDP on "Generative AI & It's Multidomain Use Cases" organized by VIT, Pune during 02/12/2024 to 06/12/2024.

16. Prof R.A.Bibave attended "Outcome Based Education in line with NBA" conducted during 14/10/2024-18/10/2024 at S.P.I.T.Polytechnic, Parner

17. Dr. B.L. Gunjal worked as session chair in IEEE international conference at Cummins College of Engineering, Pune held during 16/1/2025-17/1/2025

18. Following faculties attended the training about "Faculty Development Adventure: Elevate your skills", organized by Zensar Learning Academy at Zensar Learning Academy,Zensar Technology Kharadi, Pune on 21/01/2025:
1. Dr. R.S. Bhosale
2. Prof S.C.Deshmukh
3. Prof R.B.Pawar
4. Prof R.A.Hande
5. Prof. R.A.Bibave

19. All 15-IT faculties attended GATE tutor training by Mr. Mallikarjun Borigidde , CEO, Founder, GATE Tutor Infoedge Pvt Ltd18/3/2025:
1. Dr.B.L.Gunjal 2. Dr.B.S.Borkar
3. Dr.R.S.Bhosale 4. Dr. A.V.Markad
5. Dr.M.A.Chaudhari 6. Prof S.C.Deshmukh

7. Prof.R.N.Muneshwar 8. Prof.Y.R.Chikane
9. Prof.P.S.Hase 10. Prof.A.D.Gawali
11. Prof. R.B.Pawar 12. Prof.R.A.Hande
13. Prof.R.A.Bibave 14. Prof.S.R.Satpute
15. Prof.N.S.Hodgar

20. Dr. Baisa L. Gunjal, Vikram Abhang, "Deep Graph Ensemble Convolution Neural Networks for Drug Response Prediction from Multi omics Cancer Cell Lines", Computer Research and Development: Elsevier Scopus and UGC Approved Journal, ISSN: 1000:1239,Vol.25, Iss.4,PP: 102-116, 2025
https://journalcrd.org/volume-25-issue-4-2025/

21. Dr B.L Gunjal worked as external examiner for PhD Thesis Evaluation at Bharati Vidyapeeth University, Pune, 8-6-2025

22. Prof P.S.Hase and Dr.B.L.Gunjal received copyright on Productive Sentiment Analysis using Machine Learning Classifiers XG Classifier perspective(37093/2024/CO/L)

23. The workshop "Awareness about 5S"organised in AVCOE during 25/9/2024 to 27/9/2024.
The workshop 5S(Sort, Set in order, Shine, Standardize, Sustain) was hosted by Mechanical Engineering Department. All IT faculties attended it.

Congratulations !!   **Congratulations !!**   **Congratulations !!**

Student Achievements

1.Congratulations to following TE-IT students for Amrut Meritorious Scholarship
 i) Ms.Sonali Thorat(SGPA:9.71)
 ii) Mr.Abhishek Karpe(SPPA:9.52)

2.Congratulations to our Second prize winning team(Rs:2000) in Smart Campus Ideathon organised by Computer Engineering Department, 24/9/2024
Team members -
1)Bhawar Mahesh (Team leader)
2) Bansode Rohan 3) Barsale Sham
4) Deshmukh Rohan 5) Bhavar Nivedita 6) Varpe Tejal

3.Congratulations to our 3rd prize winner team(Rs.1000) in AI Visionary organised by Computer Engineering Departmen,24/9/2024

1.Ashish Bhagwat (IT)
(Team Leader)
2.Amol Gaikwad (IT)
3.Shrinath kale(IT)
4.Atharv Awari(IT)
5.Bhumika chitte(Comp)
6.Sadiya Sheikh(Comp)

4. Appreciation to following IT students for their active participation in Inter College Chess competition conducted at Shri Saibaba College Shirdi on 23rd & 24th September 2024...

1. Ms.Pathan Sabiha (TE)
2. Ms.Sonawane Pooja(TE)
3. Mr.Mulay Atharva (SE)

Congratulations !!   **Congratulations !!**   **Congratulations !!**

Student Achievements

5.Hearty appreciation and congratulations to the following IT students for their participation in Smart India Hackathon Grand Finale at various states Delhi, Tamil Nadu and Karnataka...We appreciate your initiative, efforts and learning thrust

Hearty Congratulations from Amrutvahini family

TEAM-I::Vishwakrypta: At Karnataka
1)Dhiraj Dahale (IT)
2)Supekar Rahul (Comp)
3)Nikita Sable (Comp)
4) Chature Kshitija (AI&DS)
5)Ghare Shivani (Comp)
6)Rushikesh Savalke (Comp)

Team-II:Terminators:: At Tamilnadu
Narendra Wakhare (IT)
Yash Gorde (IT)
Mayuri Shirude (IT)
Anantha Atole (Computer)
Tushar Bendre (Computer)

Rushikesh Gurap (Computer)

Team-III: MASTERSOFT 1.0:: At Delhi
1) Jay Phad (Comp)
2) Krushna Sahane (Comp)
3) Nikita Pawar (IT)
4) Sadiya Shaikh (Comp)
5) Bhumika Chitte(Comp)
6) Shrushti Khemnar (Comp)

Congratulations !!   **Congratulations !!**   **Congratulations !!**

Student Achievements

8.Congratulations..Following BE-IT students for SGPA greater than 9.5 in DEC -2024 examination

1. Ms.Pawase Pratiksha Sanjay::SGPA: 10
2. Mr.Mandlik Dipak Satish ::SGPA: 9.85
3. Ms.Thorat Sonali Satish ::SGPA: 9.85
4. Mr.Gagare Pranav Sunil ::SGPA: 9.7
5. Mr.Karpe Abhishek Dnyaneshwar ::SGPA: 9.7
6. Ms.Phapale Aditi Jitendra ::SGPA:9.7
7. Mr.Dhage Sandesh Balasaheb ::SGPA:9.55
8. Ms.Jadhav Nayana Hiraman ::SGPA:9.55
9. Ms.Khule Pooja Babasaheb :: SGPA: 9.55

6. Congratulations Mr.Shrinath Rajendra Kale, SE-IT A Division being selected for Cummins Scholarship by Cummins India.

7.Congratulations ...!!!
AVCOE Team won First Prize in Medha-25 Group Discussion competition.
Team Members: Rounak Sute(SE-IT B)
Kabir Chavan(SE ENTC)Chaitanya Throat(TE Comp)
Suhani Dubey(SE Comp A) Kartiki Pansare (SE Comp B)

Congratulations !!   **Congratulations !!**   **Congratulations !!**

Student Achievements

Student Achievements

10. Congratulation.Following SE-IT students for SGPA greater than 9.5 in DEC -2024 examination
1. Kawade shruti R::9.86
2. Gaikwad Amol A::9.77
3. Kawade tanuja B::9.73
4. Pawar Komal S ::9.59

11. Second Year Students Team Aarambh Participated in Grand finale of CMR HACKFEST 2.0 (36 Hours National Level Hackathon)at CMR COET, Telangana, 31/1/2025-1/2/2025

Team name - Aaramb
Members-
Abhijit Gorde (IT)
Chaityana Patil (Comp)
Parag Patil (Comp)
Ayush Nirmal (Comp)
Rajat Chaudhari (ECE)
Title - Redefining Trust in the Food Chain with Blockchain and IoT

12. Appreciation...!!!. Following SE-IT students attended Bhartiya Chatra Sansad 2025 at MIT-WPU during 8-11 Feb 2025.
i. Mr.Ashish Bhagwat. ii.Mr.Dhiraj Dahale ii. Mr.Suraj Deshmukh.

13. Congratulation..!!..IT students as NSS volunteers for receiving Best Team Award from Maldad Grampanchayat during NSS Camp-2k25, 12/2/2025-18/2/2025:
1.Aishwarya Kadhane 2.Mayuri shirude 3.Shankar Ghuge 4.Yuvraj Hase with interdeciplinary team

14. Congratulations team Mastersoft secured 4th rank in the 24-hour National Level Hackathon-MegaHack 5.0 held at St.John College of Engineering and Management, Palghar,7 and 8 march 2025.
Team members:-
Amol Gaikwad(IT),
Jay Phad(Computer),
Bhumika Chitte(Computer),
Shaikh Sadiya(Computer).

15. Congratulations Ms Kajal Ghodake, BE-IT Qualified GATE-2K25 with marks 26.64,GATE Score:324.

Congratulations !!   **Congratulations !!**   **Congratulations !!**

Student Achievements

16.Congratulations...!!!.
Following group attended Ideathon 2.0 at Pimpri Chinchwad University (PCU), Pune.
Proud to share that our solution GramSuchna by Team Immortal was selected among the Top 10 finalists, and further made it to the Top 5 solutions in the Social Impact category, 5-6 April 2025

Team Immortal:
Dhiraj Dahale:SE IT-A (Team Lead)
Chaitanya Thorat:TE CSE
Kshitij Tipale:TE CSE
Sairaj Thorat:TE CSE

17. Congratulations...!!Our AVCOE Team honoured with Best Startup Award in
Pune Startup Expo-2025 held at MITWPU, Pune,10/4/2025
Students Team..
1.Sushant Gunjal(IT)
2.Yash Deth(IT)
3.Shreya Jadhav(ENTC)
4.Divyesh Dongare(Comp)

18.Congratulations...!!! AVCOE Team Amrut Coders including IT and AIDS Students won 2nd prize of Rs. 15,000 /- in National-Level 2-Day Hackathon – Build Bharat Through AI, hosted by the Dept. of ITCA & CSSE and Codeiam Club, Andhra University Total 223 teams participated in hackathon, 16-17 April 2025.

Theme :- Disaster Prepardness and Relief
Team members:
1. Atharva Awari(IT)
2. Yash Kamble (AI&DS)
3. Abhijit Pawase (AI&DS)
4. Ishwari Gunjal (AI&DS)
5. Sejal Wakchaure (AI&DS)

19. Congratulations...!!! Following 3 Project groups received copyrights for their Smart India Hackathon (SIH) project work::

A)Ms.Nikita Rajendra Pawar as interdisciplinary group along with Comp.Engg students
Title:Microphone Array-based Direction Of Arrival For Gunshot Detection
Diary No:35827/2024-CO/L
B)Mr.Narendra Digambar Wakhare, Ms.Mayuri Yogesh Shirude, Mr.Yash Rajendra Gorde
 as interdisciplinary group along with Comp.Engg students
Title:ShuddhiNetra Nirikshak – AI-Driven Cleanliness & Ambience Monitoring
and Alert System for the Department of Posts
Diary No:35943/2024-CO/L
C)Mr.Dhiraj Sachin Dahale as interdisciplinary group along with Comp.Engg students
Title:AI-Based Chatbot for Collating and Dissemination of Information on Groundwater
Diary No:36972/2024-CO/L

Congratulations !!   **Congratulations !!**   **Congratulations !!**

अमृतवाहिनी'तून विद्यार्थ्यांना संस्काराची शि...

नितीन बानुगडे : मेधा सांस्कृतिक महोत्सवाचा श्रानदार श...

टाइम्स आयकॉनिक्स ब्रॅंड्स

नाविन्य आणि उत्कृष्टतेचा सन्मान करणारा- टाइम्स आयकॉनिक ब्रॅंड्स २०२४

शिक्षणातून सक्षमीकरण करणारी संस्था

संकटे नवीन संधी निर्माण करून देतात

बानगुडे : अमृतवाहिनी शेती विकास संस्थेत मेधा महोत्सव

मेधा महोत्सव ठरला राज्याचा मानबिंदू

'अमृतवाहिनी'मधील २७०० विद्यार्थ्यांचा सहभाग

युवावार्ता

दिनांक - २५/०३/२०२५

स्वामी महालेची टेनेरिटी कंपनीमध्ये १० लाख पॅकेजवर निवड

परिस्थितीचा बाऊ न करता तिच्यावर मात करा

समृध्द कर्जत

कृत्रिम बुद्धिमत्ता महिलांसाठी सुवर्णसंधी: तृप्ती फरांडे-झगडे यांचे दूरदर्शन सह्याद्रीवर मार्गदर्शन

सार्वमत

स्मार्ट इंडिया हॅकेथॉनमध्ये अमृतवाहिनीचे यश

सहा संघांनी घेतला होता सहभाग

मेधा महोत्सवात विद्यार्थ्यांचा जल...

सांस्कृतिक कार्यक्रमांनी रंगला अमृतवाहिनीचा स...

नामांकित आयटी कंपन्यांमध्ये निवड

१६ मार्चला प्र...

...नगुडेंसह विविध

पुढारी

...ची विद्यार्थ्यांना मेरिटोरीयस स्कॉलरशि...

विद्यार्थ्यांच्या दर्जेदार सांस्कृतिक कार्यक्रमांनी रंगला अमृतवाहिनीचा मेधा मह...

प्रहार

संगमनेरचे नाव जागतिक पातळीवर आणखी पुढे न्यायचे आहे : अजिंक्य रहाणे

जनता आवाज

...वाहिनी महाविद्यालयाच्या ...रपेचात मानाचा तुरा ...टोनॉमस म्हणून मान्यता

पुढारी

मलिकच्या गीतांवर थिरकले विद्यार्थी!

'अमृतवाहिनी'त मेधा महोत्सव लाईव्ह कॉन्सर्ट जल्लोषात

जनता आवाज

अमृतवाहिनी महाविद्यालयाच्या शिरपेचात मानाचा तुरा

ऑटोनॉमस म्हणून मान्यता

SHINING STAR

Geoffrey Hinton

British-Canadian computer scientist, cognitive scientist, and cognitive psychologist known for his work on artificial neural networks, which earned him the title **"the Godfather of AI"**

Geoffrey Everest Hinton (born 6 December 1947) is a British-Canadian computer scientist, cognitive scientist, and cognitive psychologist known for his work on artificial neural networks, which earned him the title "the Godfather of AI".

Hinton is University Professor Emeritus at the University of Toronto. From 2013 to 2023, he divided his time working for Google Brain and the University of Toronto before publicly announcing his departure from Google in May 2023, citing concerns about the many risks of artificial intelligence (AI) technology.[9][10] In 2017, he co-founded and became the chief scientific advisor of the Vector Institute in Toronto.

With David Rumelhart and Ronald J. Williams, Hinton was co-author of a highly cited paper published in 1986 that popularised the backpropagation algorithm for training multi-layer neural networks, although they were not the first to propose the approach. Hinton is viewed as a leading figure in the deep learning community. The image-recognition milestone of the AlexNet designed in collaboration with his students Alex Krizhevsky and Ilya Sutskever for the ImageNet challenge 2012 was a breakthrough in the field of computer vision.

Hinton received the 2018 Turing Award, together with Yoshua Bengio and Yann LeCun for their work on deep learning. They are sometimes referred to as the "Godfathers of Deep Learning" and have continued to give public talks together. He was also awarded, along with John Hopfield, the 2024 Nobel Prize in Physics for "foundational discoveries and inventions that enable machine learning with artificial neural networks".

In May 2023, Hinton announced his resignation from Google to be able to "freely speak out about the risks of A.I." He has voiced concerns about deliberate misuse by malicious actors, technological unemployment, and existential risk from artificial general intelligence. He noted that establishing safety guidelines will require cooperation among those competing in use of AI in order to avoid the worst outcomes. After receiving the Nobel Prize, he called for urgent research into AI safety to figure out how to control AI systems smarter than humans.

Education

Hinton was born on 6 December 1947 in Wimbledon, England, and was educated at Clifton College in Bristol.In 1967, he matriculated as an undergraduate student at King's College, Cambridge, and after repeatedly switching between different fields, like natural sciences, history of art, and philosophy, eventually graduated with a Bachelor of Arts degree in experimental psychology at the University of Cambridge in 1970. He spent a year apprenticing carpentry before returning to academic studies. From 1972 to 1975, he continued his study at the University of Edinburgh, where he was awarded a PhD in artificial intelligence in 1978 for research supervised by Christopher Longuet-Higgins, who favored the symbolic AI approach over the neural network approach.

Career

After his PhD, Hinton initially worked at the University of Sussex and at the MRC Applied Psychology Unit. After having difficulty getting funding in Britain, he worked in the US at the University of California, San Diego and Carnegie Mellon University. He was the founding director of the Gatsby Charitable Foundation Computational Neuroscience Unit at University College London. He is currently University Professor Emeritus in the Department of Computer Science at the University of Toronto, where he has been affiliated since 1987.

Upon arrival in Canada, Geoffrey Hinton was appointed at the Canadian Institute for Advanced Research (CIFAR) in 1987 as a Fellow in CIFAR's first research program, Artificial Intelligence, Robotics & Society. In 2004, Hinton and collaborators successfully proposed the launch of a new program at CIFAR, "Neural Computation and Adaptive Perception" (NCAP), which today is named "Learning in Machines & Brains". Hinton would go on to lead NCAP for ten years. Among the members of the program are Yoshua Bengio and Yann LeCun, with whom Hinton would go on to win the ACM A.M. Turing Award in 2018. All three Turing winners continue to be members of the CIFAR Learning in Machines & Brains program.

Hinton taught a free online course on Neural Networks on the education platform Coursera in 2012. He co-founded DNNresearch Inc. in 2012 with his two graduate students Alex Krizhevsky and Ilya Sutskever at the University of Toronto's department of computer science. In March 2013, Google acquired DNNresearch Inc. for $44 million, and Hinton planned to "divide his time between his university research and his work at Google".

In May 2023, Hinton publicly announced his resignation from Google. He explained his decision by saying that he wanted to "freely speak out about the risks of A.I." and added that a part of him now regrets his life's work.

GOOGLE AI STUDIO

Google AI Studio is a web-based integrated development environment developed by Google for prototyping applications using generative AI models. Released in December 2023 alongside the Gemini API, the platform provides access to Google's Gemini family of models and related tools for image, video, and audio generation. The service targets both developers and non-technical users for testing prompts and generating code for the Gemini API.

History

Google launched AI Studio on December 13, 2023, as the successor to Google MakerSuite. MakerSuite, introduced at Google I/O in May 2023, had provided similar functionality for Google's PaLM language models.The AI Studio was launched alongside the public release of the Gemini API.

Google has officially launched Workspace Studio, a powerful new tool that lets anyone design and deploy AI agents across Gmail, Drive, Chat, and other Workspace apps — no coding required.

Features

AI Studio's interface consists of a central prompt area and a settings panel for model selection and parameter adjustment. The platform supports chat prompts for multi-turn conversations and includes system instructions for defining model behavior, tone, or specific rules. Users can employ zero-shot and few-shot prompting techniques to guide the model's output format.

The platform processes various media types including video, audio, and documents, and can generate images through Imagen models, videos through Veo models, and audio through text-to-speech functionality. Additional tools include real-time streaming for screen sharing and live analysis, code execution in a sandboxed Python environment, grounding with Google Search for current information, URL context for analyzing specific web pages, and a thinking mode for complex reasoning tasks.

Available models

The platform provides access to several Google AI models including the Gemini language models, Imagen for image generation, Veo for video generation, LearnLM for educational applications, and Gemma, Google's open-source model family.

Privacy and data usage

Google AI Studio's data handling differs between free and paid users. For free tier users, Google uses submitted prompts, uploaded files, and generated responses to improve its products and services, with human reviewers potentially reading and annotating the data after disconnection from user accounts. Google advises against submitting sensitive information on the free tier.[19] Users who enable Google Cloud Billing are considered paid service users, and their data is not used for product improvement. Data is processed according to Google's Data Processing Addendum and retained temporarily for abuse monitoring.

Availability

The platform is available at no cost, with API usage subject to a free tier with daily and per-minute rate limits.[20] Access is restricted to users aged 18 and older in specific countries and territories. The service was initially unavailable in the United Kingdom and European Economic Area due to regulatory concerns, which drew user complaints.

Sweet Memories with our Students

Amrutvahini Sheti & Shikshan Vikas Sanstha's
AMRUTVAHINI COLLEGE OF ENGINEERING,SANGAMNER
Department of Information Technology