Dr.Ashok Gujar Technical Institute's
Dr.Daulatrao Aher College of Engineering

DACOE
Striving for Excellence
2022-23

Department of
Computer Science & Engineering

Tomorrows Technology Through Todays Education

CSWORLD

Chief Patron	Patron	Patron	Chairman	Vice Chairman	Convenor	Chief Editors
Hon. Dr. A. G. Gujar	Hon. Shri. I. A. Gujar	Hon. Dr. Mrs. M. I. Gujar	Dr. A. M. Mulla	Prof. H. M. Kumbhar	Mrs. S. P. Kakade	Mr. N. A. Thorat
(Founder President)	(Vice President)	(Secretary)	(Principal)	(Vice Principal)	(HOD)	Ms. S. P. Shinde
						Ms. A. N. Mandale

Vision

To produce competent, dynamic and skilled engineers employable in the Computer Science and Engineering profession for socio-economic development.

Mission

• By inducing learning practices for problem solving and technical skills to meet emerging trends in Computer Science & Engineering.
• By collaborative work to develop conducive relationship with stakeholders for ontinuous improvement.
• By grooming computer professionals for inculcating research, entrepreneurship & leadership to serve the society.

About Us

Department of Computer Science & Engineering was established in the year 2008 with an intake of 60 students; whrere future of computing resides here, providing the techno rich facilities imparting quality of education for students to excel in their field. Department is stood strong having enthusiastic & experienced faculty members aiming for outcome based & quality of education. The main focus is to develop practical oriented activities. Students are trained through the various workshops, seminars, expert talks & internship programs to making them skilled professionals having ability to solve real world problems.

Department having tie-up with various industries such as Relience-Jio, Microsoft, Prygma, ITnium etc. in order to promote placements & to bridge gap between academics & industry. Department has proactiviely accomplished the responsibilities of providing computing facility, IT support &consultancy for computer hardware & maintenance.

Department is taking initiatives by contributing in social activities such as E-governance, E-services, Environmental Sustainability etc. It also provides strong support system by giving various types of scholarshhips for economically backward and deserving candidates.

-: Academic Results :-

University Toppers

1st Rank	5th Rank	8th Rank
Ankita Jagtap	Rukaiya Mulla	Aiman Sande
2019-20	2016-17	2012-13

Academic Toppers

Class	Rank	Name	Percentage
BE	1	Ms. Dharme Priti Dilip	89.44
	2	Ms. Salunkhe Shivani Ashok	87.51
	3	Mr. Jadhav Manish Prakash	86.63
TE	1	Ms. Mulla Muskan Tayyabali	91.37
	2	Ms. Koli Rutuja Anil	89.06
	3	Ms. Kumbhar Prajakta Kamlakar	88.87
SE	1	Ms. Patil Vaishnavi Ashok	91.30
	2	Ms. Mujawar Sayama	89.40
	3	Ms. Pawar Dhanashri Nitin	87.90

Results

100% Result
100% Result
100% Result

SE   TE   BE

ACES Body Members

1) President :- Mr. Rohan Sanjay Kadam.

2) Vice-President :- Ms. Sakshi Milind Kadam

3) Secretary :- Mr. Vishwajit Dipak Surywanshi

4) Joint Secretary :- Mr. Utkarsh Sudhir Khedkar

5) Treasurer :- Mr. Prashant Yuvaraj Chavan

6) Girls Representative :- Ms. Kajal Krishnat Pawar

7) Cultural Head :- Ms. Alfiya Asif Shikh

Placements in tcs

Muskan Mulla
TCS

Pratiksha Patil
TCS

Ami Mansuriya
TCS

Karan More
TCS

Placements in PENTAGON SPACE

Pragati Patil
Pentagon Space

Manali Jadhav
Pentagon Space

Projects

Sr. No.	Project ID	Guide Name	Project Name
1.	CSE/21-22/B01	Mr. Patil A. N.	Student performance analysis based on EI and IQ using AI
2.	CSE/21-22/B02	Ms. Bandari S. D.	Connect India
3.	CSE/21-22/B04	Mr. Inamdar S. Y.	Flood Alert System
4.	CSE/21-22/B10	Ms. Kakade S. P.	Online food ordering system
5.	CSE/21-22/B11	Ms. Renushe A. H.	Maintaing Security in charities using blockchain
6.	CSE/21-22/B13	Ms. Mandale A. N.	Personality evaluation & CV analysis using ML
7.	CSE/21-22/B14	Ms. Shinde S. P.	Feminine health application for detecting PCOS, PCOD & providing remedial solution
8.	CSE/21-22/B15	Ms. Shinde S. P.	AI application for analysis of productivity of precision machine shop
9.	CSE/21-22/B16	Ms. Kadve A. R.	Blockchain based security transaction system

Workshop/ Seminars/ Guest Lectures Organized by Department

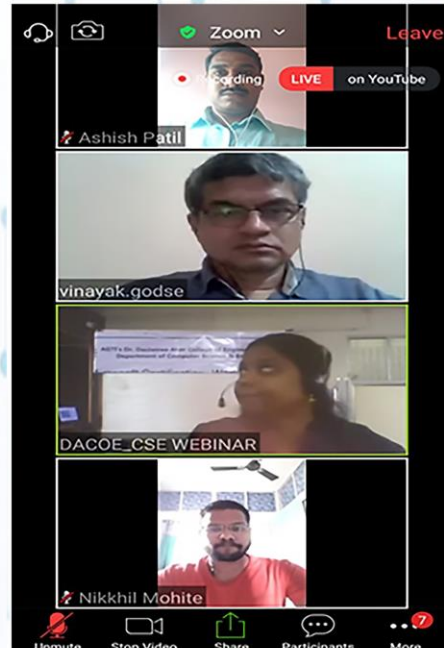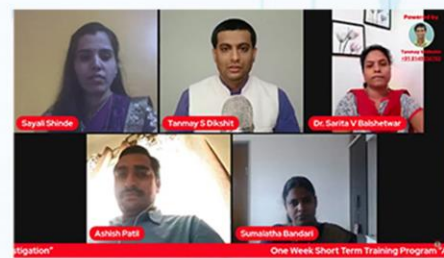ACES Inaugration

Webinar

Project Lab Inaugration

STTP on Cybersecurity

Cyber Security Workshop

AR VR, Python, Data Science Internship

Workshop/ Industrial Visit/ Guest Lectures Organized by Department

Innovative Project

Guest Lecture

Industry Visit

FDP on AI & ML

Parent Association

Spectrum

Alumni Meet

Parents Meet

Extra Curricular Activities

Youtube Channels:-

1) Vishwajit Suryawanshi has created a Youtube Channel
"Vishudha Beats" about Tabla cover & Music Videos.

2) Shubhankar Nikam has created a Youtube channel
"Shubhankar Nikam" about Gaming Videos.

Faculty's Youtube Channel:-

1) Prof. A. H. Renushe has created a Youtube Channel
"ARCHANA RENUSHE" about Computer Networking Concepts.

Future Plans

1) To make our CSE department NBA accredited enhancing quality and outcome based education (OBE).

2) Improvement in teaching and learning process to increase academic consistency in University Examinations results.

3) To develop laboratories according to emerging trends and standards meeting the gap between an industry and the academics.

4) To arrange Workshops, STTPs, FDPs for overall development of faculties as well as students.

5) To run NPTEL, Microsoft certification courses with experts from renowned organizations for knowledge discovery and upgrading skills.

6) Tie-up with industries and arrange internship programs for students and provide exposure to work on live industry projects.

7) To improve standard of Training and Placement, so that more number of students get placed in MNCs.

8) To promote our stakeholders for higher education, competitive examination and research by providing various orientation programs.

9) To develop central computing hub which will provide as a consultancy for various Online examinations.
e.g. TCS iON, SUK online & Government online Mahapariksha.

Internship Details

Company Name	Technology	Duration	Student Count
Intellect Technologies Mumbai	AR VR	1 Month	67 Students
	Python		
	Data Science		
Prisms Infosolutions Pune	AWS Cloud	1 Month	28 Students

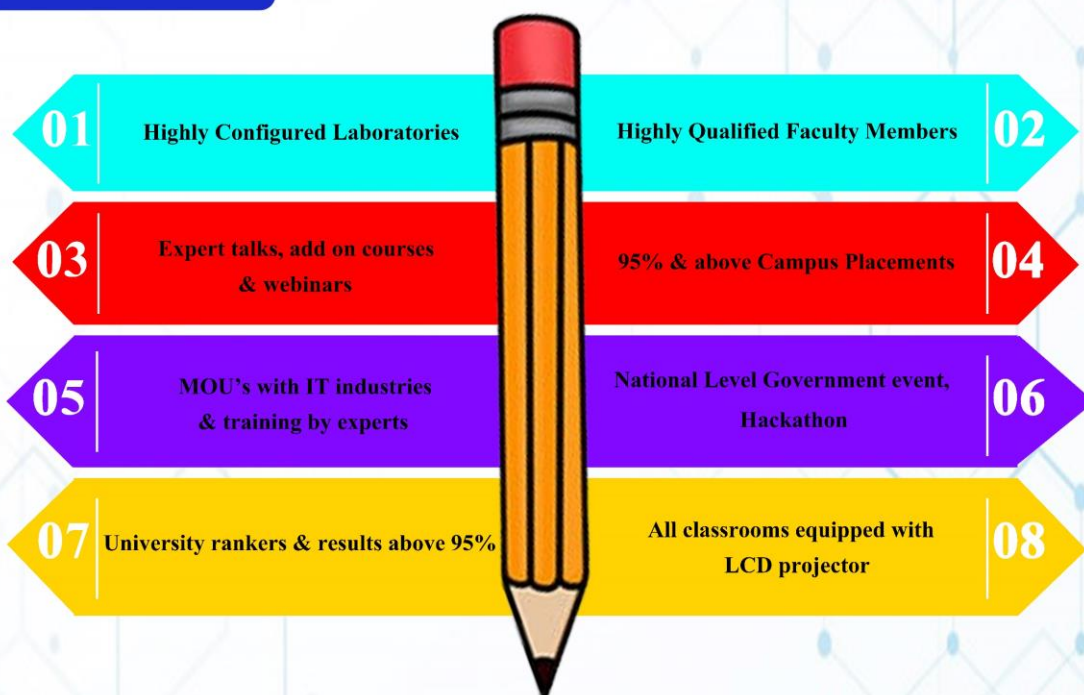## Paper Publications by Students & Faculty Members

There are total 12 research publications done with contribution of students & faculty members in various International Journals & Conferences.

Sr. No.	Research Papers Publications Name
1.	Solving IEEE CEC-2013 Real Parameter Optimization problems using Harmony search Algorithm
2.	A Novel Approach for understand Ideology behind Managing data within data lake in era of big data
3.	Femaine Health Application for detecting PCOS & PCOD and providing remedial solution
4.	University Drop out management system using data mining
5.	Prime Erpo
6.	Campus Recruitment Management System Android App
7.	Personality Evaluation through CV Analysis using machine learning Algorithm
8.	Schema Generation for schemaless databases
9.	IOT based milk adulteration analyzer
10.	Flood Alert & monitoring system
11.	Feature Extraction based deep long short memory for hindi document summarization using political elephant herding optimization
12.	IV drip monitoring & control system
13.	Blockchain based secure transaction management system
14.	Survey on blockchain based secure transaction management system
15.	Maintaining Security & achieving transparency in charities
16.	Securing charities using blockchain
17.	Survey on modest sensory network utility device watcher using android database system
18.	Monitoring the modest sensory network utility device watcher

Views about us by Stakeholders

- Improvements in placements of Students & tremendous improvement in Results.
- Good efforts for bridging the gap between industry & academics by various add on courses.
- Innovative projects of Students
- Strong Mentoring.

Salient Features

01 Highly Configured Laboratories		Highly Qualified Faculty Members **02**
03 Expert talks, add on courses & webinars		95% & above Campus Placements **04**
05 MOU's with IT industries & training by experts		National Level Government event, Hackathon **06**
07 University rankers & results above 95%		All classrooms equipped with LCD projector **08**

Our MOU's