

FROM PRINCIPAL'S DESK



Dear Readers,

I am delighted to welcome you to the computer Department. I hope to convey the passion and enthusiasm that both staff and students bring to you, and all that they do here, making SIOT a wonderful place to learn. It is found that the institution has achieved so many feathers to its crown during the last few years. The efforts taken by the Faculty, Staff and Students to reach this success is commendable. Hope the success

sustains. As the principal of SIOT.

I am proud of the changes and achievements of the institution. In the days to come it will act as a game changer for the institution by helping the students in the professional and personal development. I wish you a very happy and academically highly rewarding student life at SIOT and

hope that you will enhance the pride and prestige of this esteemed institution.

We are determined to retain this level of superiority already in command and improve further in every sphere of academic activities including research orientation and overall development of the students. The professional involvement of the staff in different academic activities reflected the heights of knowledge to meet the challenges in the technical world.

Dr. D. R. Suroshe

Principal (SIOT)

HOD MESSAGE



I am really related to tell that the department stands on the strength of experienced and well qualified faculty who are very dedicated to teaching and also involved in up-gradation of knowledge. Their research experience will help to cultivate the future of our students.

With great demand in industry and great placement opportunities, the department stands tall and proud. Our students are not only academically sound and disciplined but they also organize various events through various clubs and societies like IFSA, to showcase their talents under non- technical, technical and cultural forums.

As a Head of the Department, I assure you that we maintain high academic standards. With our distinct student Centered teaching-learning methodology, our students will be able to face challenges of life with our holistic approach in teaching and learning encouraging students to indulge in extracurricular activities to shape them as leaders of tomorrow. All these efforts are followed ambitiously to develop the overall personality of the students so as to equip themselves with modern and sensitive outlook to face the challenges of the competitive world. I would like to appreciate Mrs. Kirti Tamboli for taking an initiative to making this COSA'S MAGAZINE.

Head of Department

Mrs. Smita Kuldiwar

FACULTY MESSAGES



Mrs. Jyoti Shinde

I am very glad to know that computer department is going to publish a magazine. We all know that our computer department is very well equipped with computer lab and qualified teaching staff and supportive non-teaching staff. Our computer department is contributing in enhancing student knowledge in software and hardware technology. Our computer department is creating quality technical engineers in computer science and engineering with ethically strong values which cater local and global needs of our society. I congratulate all of you on this great occasion. I wish and pray that our department may climb further heights in the field of academic and co-curricular activities

Education is the passport to the future, for tomorrow belongs to those who prepare for it today.” — Malcolm X.

Dear student, always believe in yourself. You have the ability to do any kind of work whatever it is easy or tough. So be confident and work hard to get your dream. Be a good human who helps everyone. You are on your own journey. Don't compare your own chapter to someone else's chapter. It's okay to fail. Take risks and make mistakes. The classroom is for practice, and not for performance. Learning is practice. It okay to fail. I teach, but I'm way more like you than you'd think. Sometimes I'm going to make mistakes. Sometimes I'm going to need your help. All the best for your future.



Mrs. Kirti Tamboli

FACULTY MESSAGES



Ms.Komal Jadhav

Technology has forever changed the world we live in We're online, in one way or another, all day long. Our phones personalities, our interests, and our identities they hold much that is important to us.

To achieve success, you need to fight for it, work hard, and find something to encourage and inspire you to continue.



Mrs.Smita Bari



Mrs.Rohini J.Kapse

Education is a very powerful weapon. It will brighten your future and make the world a better place. Use it right, and you will be successful.



Ms. Namrata

Always set realistic goals and things to do in your day. Make a list and force yourself to do it. This will help you with deadlines, and your studies will never pile up. Always say “I can do it” to yourself, and believe me, you will.

BEST TEACHERS

FACULTY OF COMPUTER DEPARTMENT



EVENTS OF COMPUTER DEPARTMENT

Startup and Entrepreneurship on occasion of World Entrepreneur's Day

Computer engineering department organized an expert lecture of Dr. Kartik Nagarjan on 24th August, 2022 from 10:30 am to 4:00 pm for students for understanding the importance of Start-up and Entrepreneurship. During interaction with the students, he shared various concepts Do's and Dont's while starting the business, new techniques, creativity. Mr. Kartik sir has given the brief knowledge of design thinking approach towards space science, remote sensing and GIS (a road towards innovation). As per discussion with the students, the program was interesting and they were fulfilled by doing practical's during workshop. The program was appreciated by most of the students and requested to arrange such kind of lectures in the future too for other subjects.

We thankful to Dr. Kartik Nagarjan sir for spending his valuable time with us and sharing knowledge. More than 120 students from Computer department benefited from this lecture.



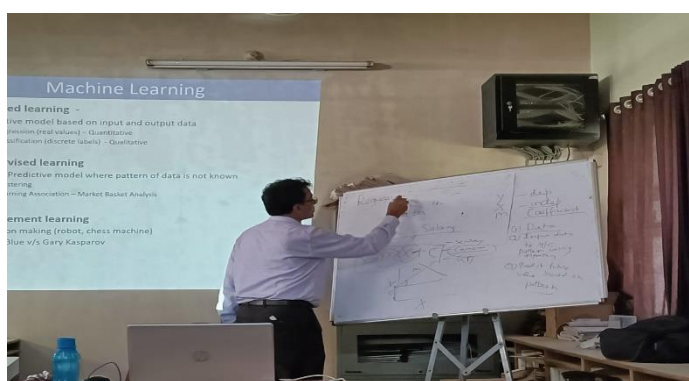
EVENTS OF COMPUTER DEPARTMENT

Workshop on Recent Development in Machine Learning

On 25th August, 2022 Computer Department Organized a One day Workshop on Machine Learning was arranged for 2nd and 3rd year Students. The Main Motivation behind this workshop was to guide students about scope and courses related to **Machine Learning**. Computer Department's Technical Coordinator Mrs.Kirti Tamboli took efforts to organize this workshop under the guidance of HOD Mrs.Smita Kuldiwar. Workshop was conducted by **Mr.Arunjit Choudhary**. The workshop was held in SIOT College.

Lecture Began At 10 am in the Lab 102. The Technical Coordinator welcomed the guest and Hod & all the staff were present in the meeting.Mr. Arunjit Choudhary explained briefly about - Basics of Machine Learning and its use. Then he gave an elaborated Lecture about scope, types and Courses related to Machine Learning. Sir took the practical of students also.

He interacted with the students & answered their various Queries. Then he started discussion on different Topics related to current trends in Industry and Career in Machine learning. Everyone participated in the discussion with Mr.Arunjit Choudhary and talked without any burden.



EVENTS OF COMPUTER DEPARTMENT

Industrial Visit

A batch of 3rd year computer students and one staff coordinator visited the IIHT institute Kharghar on 4th November, 2022. The Main Motivation behind this industrial visit was to guide students about scope and courses related to **Cloud Computing**. Computer Department's Technical Coordinator Mrs. Kirti Tamboli took efforts to organize this Industrial visit under the guidance of HOD Mrs. Smita Kuldiwar.

Teacher explained briefly about - Basics of Cloud Computing and its use. Then she gave an elaborated Lecture about scope, types and Courses related to Cloud Computing. She interacted with the students & answered their various Queries. Then she started discussion on different Topics related to current trends in Industry and Career in Cloud Computing. Everyone participated in the discussion with teacher and talked without any burden.s



EVENTS OF COMPUTER DEPARTMENT

Expert Lecture on “Data Science”

The Computer Department organized an expert lecture of **Mrs.Namrata Modi** on 7th NOV, 2022 from 1:00 pm to 2:30 am for Second Year and Third Year students for the **Data Science** subject. This lecture is conducted to get the subject expert guidance to the students in the basic terms of Data Science. During interaction with the students, she shared experience in Practical work. As per discussion with the students, the topic covered was appreciated by most of the students and requested to arrange such kinds of lectures in the future too for other subjects.

We are thankful to **Mrs.Namrata Modi** for spending her valuable time with us and sharing knowledge.

More than 50 students and faculties from the Computer department benefited from this lecture.



EVENTS OF COMPUTER DEPARTMENT

Engineer's Day- Quiz Competition

On occasion of the Engineer's Day Programme, SIOT started the One Week Programme. On the First day of the Event, Quiz Competition on Engineer's theme was organised in the Diploma Seminar Hall, Room no 211. From all the Department, 45 Students participated in the programme. Total 9 Groups were created consisting of the 5 students in each Group and Quiz conducted in the 5 Rounds. Event Responsibility was given to the Mrs.Kirti Tamboli (Lecturer-Computer Department). Group No 2 was the Winner of the Quiz Competition.



EVENTS OF COMPUTER DEPARTMENT

Tree Plantation Program

Tree Plantation programme was organized at Saraswati Institute of Technology, Kharghar through National Service Scheme Unit on 27/07/2022. Tree Plantation programme was held in our college campus on 27th July 2022 at 11:00 AM. The students of 2nd year actively participated in the programme. Principal, Dept HOD's, faculty, NSS Volunteers, students are plant saplings in our college premises. Our faculty had also explained about the trees and the importance of tree plantation. At the end of programme there was a photo session with Principal, faculty and students.



2022-TOPPERS OF COMPUTER DEPARTMENT



SARASWATI Education Society's
SARASWATI Institute of Technology
Kharghar, Navi Mumbai - 410210

Department of Computer Engineering **Second Year Toppers**



Mr. Shriyash Mhatre
84.27%



Mr. Harshad Kesare
82.53%



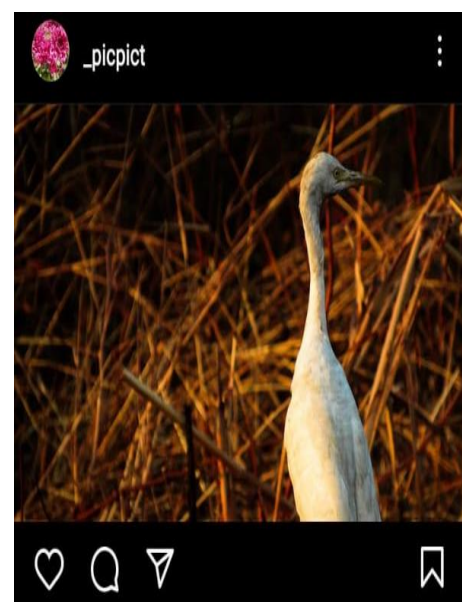
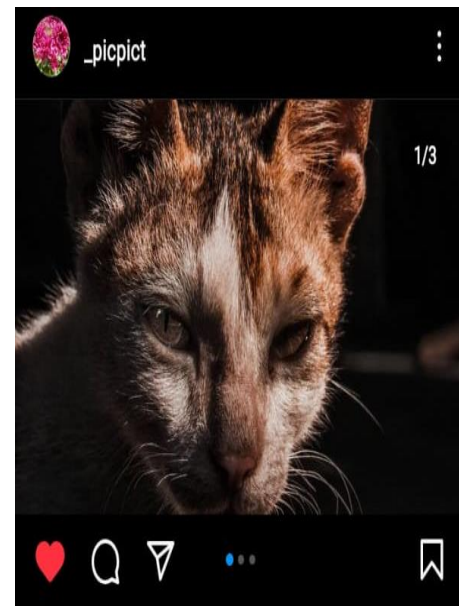
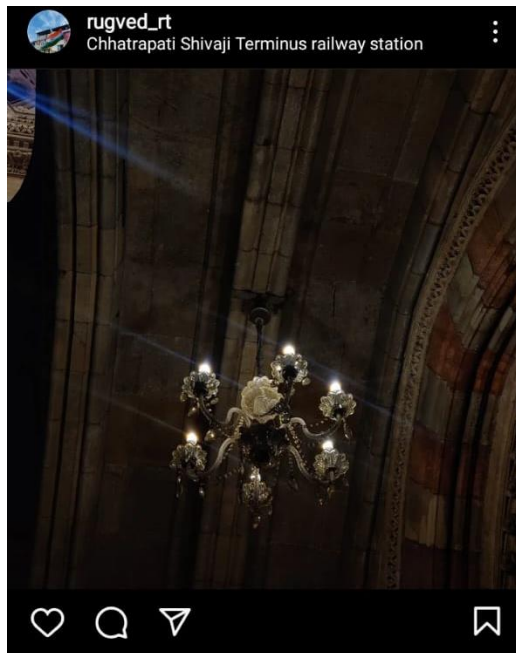
Mr. Siddhant Gokhale
81.73%

Congratulations

Congratulations on your well-deserved success

TOPMOST CREATIVITY FROM COSA

Photography by Rugved Thange & Shriyash Mhatre



Message of Magazine In-Charge

It gives me immense pleasure to present the "Annual magazine" 20-21 of the Department. This magazine is an elusive boundary of faith trust worthiness and affection. It is the talent and outcome of our students which is reflected through this. This is one of the best platforms for our students to present multifaceted personalities and innovative ideas. Our magazine is balanced collection of technical activities, social activities, progress, departmental activities, poems, stories, academic achievement, NSS activities etc. I take this as opportunity to thank our respected Principal Prof. D.R SUROSHE and my H.O.D Mrs. Smita Kuldiwar for having faith in me and giving me opportunity to work as In-charge of the Annual Magazine. I thank all faculty members for their incessant inspiration and kind support. I thank all the students for their wonderful response and enthusiastic participation without whom this would not have been possible. Last but not the least I thank my Annual Magazine team without whom this would be dream only, special thanks to my dear students Siddhant Gokhale, Darshit Rupareliya, Shriyash Mhatre , Rugved Thange who gave their full effort to make successful to this magazine. I respect their efforts and really proud of them. I hope u will enjoy.



Mrs.Kirti Tamboli



SIDDHANT GOKHALE

Magazine Head

I want to express my thanks, In front of my respected HOD and my magazine in-charge that they gave me a chance to work in this magazine so that I have learned on many things and got a chance to coordinate along with my faculty and students. For whatever cooperation I have done in this magazine, I owe it to myself and pleasure .Thank you.