



Shri Shamrao Patil (Yadravkar) Educational & Charitable Trust's

Sharad Institute of Technology College of Engineering

An Autonomous Institute

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Department of Artificial Intelligence and Data Science

MIND Spark

News Letter 2023-24

Volume-3, Issue-1



Hon. Dr. Rajendra Patil (Yadravkar)

Chairman
SITCOE, Yadrav



Hon. Shri. Anil Bagane

Executive Director
SITCOE, Yadrav



Dr. Sanjay A. Khot

Principal
SITCOE, Yadrav



Dr. S.B.Gurav

Head of AIDS Department SITCOE

It's a great feeling of joy and satisfaction to wish for the Artificial Intelligence and Data Science Department's newsletter. In consonance with the vision of The Sharad Institute of Technology College of Engineering, Yadrav, and with profound aid and guidance of Hon'ble Executive Director Anil Bagane Sir, the department is pledged to encourage its students as well as respective faculty members to venture new ideas for the attainment of academic proficiency. The Newsletter is a new academic venture to encourage students and respective faculty members and indulge them in academic friendly and institutionally approved activities. The department has designed innovative job-oriented B.Tech program in Artificial Intelligence and Data Science Engineering. Department is focused to provide high-quality engineering education to students with sufficient hands-on training. I hope that this newsletter will serve the purpose of reflecting all the activities of the department and I wish good luck to the entire team of editors and look forward to your kind patronage of our newsletter.

Vision:

To be a center of excellence in Artificial Intelligence and Data Science education to prepare professionally competent engineers with lifelong learning attitude for the accomplishment of ever-growing needs of society.

Mission:

- ❖ To prepare technically and professionally competent engineers by imparting quality education through effective teaching learning methodologies and providing stimulating environment for research and innovation.
- ❖ To develop professional skills and right attitude in students that will help them to succeed and progress in their personal and professional career.
- ❖ To imbibe moral and ethical values in students with concern to society and environment.

Program Educational Objectives

Graduates of the program will

- ❖ Demonstrate capabilities to develop optimal solution to the real world engineering problems by applying theory based practical approach of engineering and related engineering disciplines.
- ❖ Exhibit professional skills, ethical attitude and sensitivity towards society and environment.
- ❖ Engage in lifelong learning for successful adaption to technological changes.

Inside:

- PBL Activity
- FOSS Lab Activity
- BOS and DAAB meeting
- Industry Visit
- Guest lecture
- Parents Meet
- Faculty Achievement
- Student Achievement

PBL Activity :

The Institute has taken the wide-ranging decision to implement the concept of Project Based Learning (PBL). With this approach, students actively explore real world problems and challenges and acquire a deeper knowledge. Under this initiative, various value added programs and activities are conducted by department. The details are as follows.

SR NO.	Topic	Name of Resource Person	Industry Name	Class	No.of Students Participated	Date
1.	Data science Visualisation using Python	Mr. Abhay Chougule	RacksonIT Developers PVT.Ltd	SY	66	3/11/23- 8/11/23
2.	Internet of things	Mr.Nilesh Bavandhkar	LogiBit Technologies PVT Ltd	TY	23	13/09/23- 18/11/23



PBL Activity organized by AIDS Department for Internet Of Things

Foss Activity :

Following are workshop /Guest Lectures have conducted for our SY and TY students of Artificial Intelligence and Data Science Department.

Sr. No	Activity	Resource Person	Target Students	No. of Students	Date
1.	Web Development	Mr. Shreyas Mane	TY CSE & AI&DS	77	9 Sep 2023
2	Workshop on Data Science using Python programming	Mr Abhay Chaugule	SY CSE & AI&DS	68	3 to 8 Nov 2023



FOSS Activity organized by AIDS Department

BOS and DAAB Meeting:-

Sharad Institute of Technology College of Engineering, Ichalkaranji Kolhapur, the emerging institution of Western Maharashtra, recognized by All India Council for Technical Education (A.I.C.T.E.) New Delhi and affiliated to Dr. BATU Lonere, is taking untiring endeavors for the betterment of rural students. We are accredited by NBA and NAAC with an 'A' grade and also we are an Autonomous Institute.

Department of Artificial Intelligence and Data Science conducted an meeting of "Board of Studies (BOS) and DAAB on Friday, 17/07/2023 at 12.00 pm. All faculties of CSE Department have actively participated in the meeting



BOS and DAAB organized by AIDS Department

Industrial Visit :-

Industrial visit has its importance for students. Its main aim is to provide students an insight into the internal working of companies in the corporate world. There are various benefits of Industrial Visits. Students get a chance to learn something outside the college walls. It provides students a chance to learn practically from theoretical knowledge through interaction, working methods, and employment practices in large industries.

In this semester we have planned industry tours for all students, details are as follows

Sr. No.	Name & Address of Organization	Class	Date	% Attendance
1	Isro , Bangalore	B.Tech	21.08.2023	39
2	T Cognition, Kolhapur	SY	04.09.2023	80
3	Walstar Technologies, Kolhapur	SY	13.10.2023	11
4	U V Tech, Sangli	TY	21.10.2023	60
5	SVR Infotech , Pune	SY	24.11.2023	14
6	Robosap Innovation Pvt.Ltd.	TY	13/01/2024	66





Industrial Visit organized by AIDS Department To Bengaluru



Industrial Visit organized by AIDS Department to Robosap Innovation Pvt.Ltd.



Industrial Visit organized by AIDS Department to U V Tech, Sangli



Industrial Visit organized by AIDS Department to Walstar Technologies, Kolhapur

Guest Lecture :

Following are workshop /Guest Lectures have conducted for our SY, TY and B. Tech students of Artificial Intelligence and Data Science Department.

Sr. No.	Topic for Expert Talk	Expert Name & Designation	Date of Expert Talk	Class	No. of Beneficiaries
1	Quantum Computer and AI in Future	Mr. Abhay Chougule Owner RackSon IT Software Pvt. Ltd, Pune	05/08	TY	40
2	Machine Learning for Lie Detection	Dr. Vishnu S. Pendyala Faculty Member, Applied Data Science and Academic Senator, San Jose State University, USA	12/08	SY	50
3	Cyber Security	Mr. Swapnil S. Nirvane, Technical Team Lead, Inspirit Vision, Pune	28/08	SY	53
4	Web Development	Mr. Shreyash Mane CEO, OneStar Software Solution, Sangli	09/09/2023	SY	44
5	Introduction to AIML	Mr. Sahil Bandar Technical Lead of AIML, Capgemini Engineering, Bengaluru	14/09/2023	SY	52
6	Introduction for Placement Process- (Technical)	Mr. Rehan Chougule, Apltech Solution , Pune.	7/10/2023	TY	47
7	Emerging trend	Mr. Vivek Powar Sr. Software Developer, Capgemini, Pune	7/10/2023	TY	50
8	Deep learning	Mr. Rohit Kadam Managing Director, Robosap Innovation Pvt.Ltd, Nipani	18/10/2023	B.TECH	47
9	Importance of German Language and Opportunities in Germany	Ankita Mane German Professor, Spracheshule education Ichalkaranji	07/10/2023	TY	50

10	Deep learning	Mr. Rohit Kadam Managing Director, Robosap Innovation Pvt.Ltd, Nipani	18/10/2023	TY	30
11	Career Opportunities in Foreign Country	Prof.Abhay Kelkar. Advisor Shri Mahalaxmi Academy, Kolhapur	23/10/2023	B.Tech	20
12	GATE 2024	Prof. Pradeep Nair,	06/10/2023	TY and B.Tech	80



Guest Lecture organized by AIDS Department

Parents Meet

Department of Artificial Intelligence & Data Science organized Parent's Meet on 14/09/2023 at 2.00 pm in Mechanical Seminar hall, Sharad Institute of Technology, College of Engineering, Yadrav- Ichalkaranji.

The main purpose of **meet** was to create a common platform, where teacher and **parents** come together to enrich the student's educational perspective and discuss about overall growth of student.

The meeting was chaired under Hon. Mr. A. A. Bagane sir, Executive Director, Prof. Dr. S. A. Khot Principal SITCOE, Yadrav, Dr. S. B. Gurav the Head of Department AI & DS. Program coordinator of AI&DS department Mrs. A. S. Patil mam gave presentation of department. introduction of department, Vision mission , activities conducted in department, Result of previous academic year, Training and placement activities conducted in department which will work to raise bar of students.

At very beginning of meeting, warm welcome was given to parents. Principal Sir Felicited first 3 toppers. Principal Sir made parents aware working culture of SITCOE. Also they summarized last parents meet and action taken report of last parent meet.

Finally Mrs. P. D. Patil mam given Vote of Thanks At the end the class teachers and proctors shared their students' progress with respective parents.



Faculty Achievements :-



Certificate participation in one week Faculty Development Programme on “Advanced data Visualisation with Micriosft Power BI”



Certificate participation in one week Faculty Development Programme on “Advanced data Visualisation with Micriosft Power BI”

Student Achievements :-





In Academic year 2023-24,
 Semester I, 24 students of SY
 have Cleared NPTEL Course.



Miss Aditi A. jadhav is Winner of Smart India Hackathon in Academic year 2023-24, Semester I. These Group has won Rs. 50,000 Cash Prize for winning Smart India Hackathon.



Ms. K. M. Patil

News Letter Editor

Dept. Of CSE

SITOE

Editor's Note...



Dear Readers,

We are pleased to publish the department's newsletter 'MIND Spark'. The newsletter has a lot of interesting Campus news which will tell you how our quiet looking campus is always abuzz with activity underneath. It is an efficiency of our students and staff that so many activities of different flavors keep taking place in spite of our curriculum.

I feel honored to highlight the achievements and efforts taken by our AI&DS department. I would like to thank our Executive Director Shri Anil Bagane Sir, Principal Dr. S. A. Khot, and all the staff members and students for their valuable support and encouragement. I hope you enjoy going through the newsletter and will also send us your opinions and suggestions to improve it further.

Best Regards,

Ms.K.M.Patil

Student Committee Members



Nikhil Shendage

SY



Zeba Khakhu

SY



Hasan Lamture

TY



Samruddhi Patil

TY

We are glad to be a part of our Artificial Intelligence and Data Science department's newsletter committee. We tried to present this edition cherished with technical events, non technical events and a lot more activities.

We would like to thank our Ex. Director Shri Anil Bagane Sir, Principal Dr. S. A. Khot Sir and all faculty members for their valuable support and encouragement. We wish all the students and faculties a very successful academic year ahead!