





ADDING VALUE TO ENGINEERING An Autonomous Institute Affiliated to Savitribai Phule Pune University Approved by AICTE, New Delhi and Recognised by Govt. of Maharashtra Accredited by NAAC with "A+" Grade | NBA - 5 UG Programmes

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Newsletter, Semester - I & II , Academic Year 2022-23



Presented By AISA EDITORIAL TEAM

VISION

To create globally recognized AI & DS Engineers for sustainable development.

<u>MISSION</u>

1. To meet the current & future demands of the nation in the area of AI & DS.

2. To produce high-quality students technically superior, professionally & ethically strong.

3. To inculcate the interdisciplinary skill set required to fulfill a societal need

Program Education Objectives (PEOs)

1. Graduates will be able to analyse, formulate and function efficiently in a multi-disciplinary context to address industrial problems.

2. Graduates will be able to work collaboratively with professionalism and ethical responsibilities to provide innovative industry solutions.

3. Graduates will excel in their careers by adapting to new technologies.

Program Specific Objectives (PSOs)

 Graduates will be able to apply programming skill to identify, modify and test algorithms that apply intelligence to make realistic decisions in problem solving.

2. Graduates will be able to collect, analyse, interpret, and visualize data to solve problems in agriculture, automation, finance, and medical domains.

FACULTY EDITORIAL

With great pleasure, we present to you the latest edition of our esteemed Newsletter, Volume 2. This newsletter serves as a platform to highlight the remarkable accomplishments and accolades of the AI&DS department. We are thrilled to share the numerous notable achievements recorded in this semester, which are a testament to the exceptional guidance provided by Principal Dr. P.B. Mane, H.O.D. Dr. S. V. Limkar, and the dedicated staff members who work tirelessly as a cohesive team.

We extend our heartfelt gratitude to the student editorial team for their unwavering dedication and enthusiasm in bringing this issue to fruition. Their commitment to excellence and passion for showcasing the department's merits have been truly inspiring.

This edition of the newsletter not only celebrates the accomplishments of our department but also serves as a testament to the collective efforts of the students, faculty, and staff. It is through their hard work, determination, and unwavering spirit that we continue to achieve new heights.

As we embark on this exciting journey of sharing the department's success stories, we invite you to delve into the pages of this newsletter, where you will find inspiring stories, groundbreaking research, and noteworthy achievements.

> By: Mr. G. H. Wani Ms. S. A. Belhe

STUDENT EDITORIAL

We would like to extend our deepest appreciation to the esteemed Principal, Dr. P.B. Mane, and the Head of the Department, Dr. S. V. Limkar, for their extraordinary dedication in encouraging and applauding every activity of the students. Their unwavering support has been instrumental in shaping our educational journey.

Furthermore, we would like to express our sincere thanks to the members of the faculty editorial team for their invaluable assistance in bringing this newsletter to fruition. Their expertise and guidance have played a pivotal role in ensuring its success.

A special mention goes to all the committee heads who have contributed to this newsletter. We recognize the significant amount of time and effort they have invested in providing us with the necessary information. It is their willingness to share knowledge, address concerns, and offer unique insights that has made this newsletter possible.

Together, the support and collaboration of these individuals have resulted in a newsletter that reflects the spirit of our institution and showcases the achievements of our students. We are immensely grateful for their contributions and look forward to their continued guidance and support in future endeavors.

> By: Aditya Patil (Editorial Secretary) Arpit Wanjari (Joint Editorial Secretary)

Student Association (AISA) Member List

Member's Post	Name of Members	
Principal	Dr. P. B. Mane	
Head Of Department	Dr. S. V. Limkar	
Faculty Coordinator	Mr. G. H. Wani	
President	Tejas Tekawade	
Vice – President	Sanket Bartakke	
Vice – President (Year Head)	Arpita Marathe	
Secretary	Soham Mhetre	
Joint – Secretary	Sanjana Patil Disha Chordiya	
Treasurer	Rushikesh Ghotkar	

Student Association (AISA) Member List

Member's Post	Name Of Members
Administrator	Suyash Vetal
CR Head	Meghraj Bahir
T&P Team	Kshtradny Dhonde Vinit Darade
Technical Team	Shlok Das Prajwal Wazade
Cultural Team	Mihir Naidu Shruti Pitlellu
Sports Team	Kartik Rajendran Prathamesh Devkar
Social Team	Avinash Patil Samruddhi Navghane

Student Association (AISA) Member List

Member's Post	Name Of Members
Documentation Head	Sunanda Gandhi
Study Circle Team	Abhishek Mane Siddharth Bhimpure
Editorial Team	Aditya Patil Arpit Wanjari
Media Team	Sejal Barshikar Atharva Chitambar
Discipline Team	Aditya Bhad Tanvi Salunkhe
Event Execution Team	Gaurav Raskar Shreya Sawant Ishwari Sonsale Anushka Mane

Academic Excellence Achieved

Staff Contribution Towards Quality Improvement:

Sr. No	Staff Name	Date & Place	Details
1	Ms. M. V. Shelke	7th November GHRIET,Pune	Paper setter
2	Dr. R. B. Dhumale	INTERNATIONAL CONFERENCE ON MULTIDISCIPLIN ARY RESEARCH 22nd -24th November-2022 Organized by Sharnbasva University Sharnbasveshwa r Institutions Campus, Kalburgi- 585103,Karnatak a,India	Session Chair

Staff Contribution Towards Quality Improvement:

Sr. No	Staff Name	Date & Place	Details
3	Dr. S. V. Limkar	Dr. S. V. Limkar invited to chair a technical session at first International Conference Applied Data Science and Smart Systems - 2022 on the 4th of November 2022.	Session Chair

Seminar/Events conducted under quality Circle

Sr. No	Department	Date	Event	Resource Person
1	AI&DS	04/11/2022 to 11/11/2022	Workshop on Machine Learing and Python	Mr.Ashay Sant

Industry institute Interaction

Industrial Visits – Students

Sr. No	Department	Date	Class	Company	No. of Stud ents	Organised By
1	AI&DS	11/10/2022	SE(B)	Atreya Innovations Pvt.Ltd	34	Dr. S.V.Limkar Mr. G.H.Wani Ms. R.R.Owhal
2	AI&DS	21/09/2022	SE(A)	Indian Institute of Tropical Meteorolog y.	61	Dr. S.V.Limkar Mr. P. G. Ghulaxe
3	AI&DS	29/08/2022	TE (A & B)	Automaton Al	35	Dr. S.V.Limkar Mrs. Sonal A. Durgule

Expert Lectures

Sr. No	Department	Date	Activity Details	Speaker	Organizer
1	AI&DS	11/11/2022	i-connect session under FE Induction 2022 Student	Mr. Vivek Kumar	Ms. R.R.Owhal
			count 29		
2	AI&DS	11/11/2022	i-connect session under FE Induction 2022 Student count 29	Mr. Avinash Harle	Mr. P.G. Ghulaxe
3	AI&DS	7/11/2022	Data structure & Unreal Engine Class- S.E. (A&B) Student count-100	Mr.Ashay Sant	Ms. B.D. Lambture

Expert Lectures

Sr. No	Department	Date	Activity Details	Speaker	Organizer
4	AI&DS	11/11/2022	i-connect session under FE Induction 2022 Student	Mr. Kiran Patil	Mrs. M.V. Shelke
			count 29		

Students Sports Activities

Sr. No	Department	Name of the Students Event		Level	Prize
1	AI&DS	Mr. Kartik Rajendran(TE B)	Hockey	University	
2	AI&DS	Mr. Aswin Dalvi (SE A)	Cricket	University	
3	AI&DS	Mr. Aditya Bhargute (SE A)	Cricket	University	
4	AI&DS	Mr.Prathamesh Devkar (SE A)	Football	University	
5	AI&DS	Mr. Aniket Gore (SE A)	Cricket	University	
6	AI&DS	Mr. Shrikant Jadhav (SE A)	Cricket	University	
7	AI&DS	Mr. Harshal Kuldharam (SE A)	Cricket	University	
8	AI&DS	Mr. Aryan Dudhale (SE A)	Cricket	University	

Students Sports Activities

Sr. No	Department	Name of the Students	Event	Level	Prize
9	AI&DS	Mr. Dipak Waghmode (SE B)	Cricket	University	
10	AI&DS	Mr. Digvijay Mane (SE B)	Football	University	
11	AI&DS	Mr. Eeshan Prabhu (SE B)	Football	University	
12	AI&DS	Mr. Raj Patil (SE B)	Football	University	

Student Association Activities

Sr. No	Department	Date	Activity Details	Organised By
1	AI&DS	27/8/22 - 31/8/22	Logo Making Contest Participation Count: 18	Avinash Patil Shreya Sawant
2	AI&DS	2/9/22 - 3/9/22	5-Aside Football Tournament Participation Count: 62	Kartik Ranjendran Avinash Patil
3	AI&DS	2/9/22	Cultural Performances Participation Count:	Mihir Naidu Shruti Pitlellu
4	AI&DS	2/9/22 - 6/9/22	Selfie with Bappa Participation Count:24	Mihir Naidu Shreya Sawant
5	AI&DS	5/9/22	Bug Hunters Participation Count:	Abhishek Mane Avinash Patil Shlok Das
6	AI&DS	5/9/22	2 Minute makeup Challenge Participation Count:20	Shreya Sawant
7	AI&DS	15/9/22	Engineer's Day Celebration: SE (A&B)	Disha Chordiya Sanjana Patil

Student Association Activities

Sr. No	Department	Date	Activity Details	Organised By
8	AI&DS	27/9/22	Technical Talk on Block Chain: SE(A&B)	Kshatradny Dhonde Samruddhi Navaghane
9	AI&DS	24/8/22 - 28/8/22	Ethnic Elegance Participation Count:10	Mihir Naidu Shruti Pitlellu
10	AI&DS	24/8/22 - 28/8/22	Rangoli Competition Participation Count:14	Mihir Naidu Shruti Pitlellu
11	AI&DS	11 /11 /22	Entrepreneurial Mindset	Disha Chordiya Sanjana Patil

Department Activities

Activity conducted by faculty members for faculty during activity period

Sr. No	Department	Organised By	Date	Activity Details
1	AI&DS	Mr.Ganesh Wani	04/08/2022	Faculty Knowledge Forum Activity- Use of Akron System ERP
2	AI&DS	Mr. Prashant Ghulaxe	20/09/2022	Faculty Knowledge Forum Activity- Virtual function in Hybrid Inheritance
3	AI&DS	Mrs. Sonal Durgule	01/11/2022	Faculty Knowledge Forum Activity- Examination evaluation through machine vision
4	AI&DS	Ms.B.D. Lambture	08/09/2022	Faculty Knowledge Forum Activity- SmartFarm Agriculture System using IOT
5	AI&DS	Mrs. M.V.Shelke	03/11/2022	Faculty Knowledge Forum Activity-E mail System
6	AI&DS	Mr.V.K. Suryawanshi	04/11/2022	Faculty Knowledge Forum Activity- HTTP Packet Tracking

Department Activities

Activity conducted by faculty members for faculty during activity period

Sr. No	Department	Organised By	Date	Activity Details
7	AI&DS	Ms.Amruta Aphale	09/11/2022	Faculty Knowledge Forum Activity-Happiness is within
8	AI&DS	Dr.R.B.Dhumale	08/11/2022	Faculty Knowledge Forum Activity - Performance based Appraisal
9	AI&DS	Ms.Swati Kadu	08/11/2022	Faculty Knowledge Forum Activity-
10	AI&DS	Ms.R.R.Owhal	18/11/2022	Faculty Knowledge Forum Activity- Go Down with YOGA
11	AI&DS	Mrs.S.A.Belhe	18/11/2022	Faculty Knowledge Forum Activity- Search Engine Optimization

NSS Activities

No. of Students Enrolled AI&DS(79)

- No. of NSS camps held- NA
- Names of students who participated -AI&DS (79)

Special work done by NSS students-

- 1) Kargil Vijay Divas
- 2) Independence Day -Flag Hosting
- 3) Rashtra Gaan
- 4) River Cleaning-Mutha river post Visarjan.
- 5) Tree Plantation
- 6) Walk-athon
- 7) Shahu Maharaj Punyatithi
- 8) Integrity Day
- 9) Disaster Management Training
- 10) Constitution Day Pledge

Event Photograph



Dr. S. V. Limkar invited to chair a technical session at first International Conference "Applied Data Science and Smart Systems - 2022" on the 4th of November 2022

Tree Plantation drive conducted by NSS



Event Photograph

Industrial Visit at Atreya Innovations Pvt.Ltd on 11/10/2022





i -connect session under FE Induction Resource Person: Mr. Vivek Kumar Topic: "Company Interactions"

Training Placement Activities at the department level.

Sr. No	Department	Activity	Date
1	AI&DS	In house Internship program for TE Students by Automaton AI Infosystem Pvt.Ltd.Pune	03/02/2023 to 03/03/2023

Staff Contribution towards quality improvement:

Sr.N o	Staff Name	Date & Place	Details
1	Dr. R. B. Dhumale	22/11/2022 Sharnbasva University, Kalburgi	Session Chair for International Conference on Multidisciplinary Research– 2022
2	Dr.S.V. Limkar	28/04/2023 MIT School of Engineering & Science, MIT ADT University, Pune	Session Chair ar 1st International Conference on Cognitive Computing and Engineering Education (ICCCEE-23) 27th - 29th April 2023
3	Dr.S.V. Limkar	23/03/2023 to 24/03/2023 at Amity University, Noida, India.	Invitated as a Technical Program Committee Member for 10th International Conference on Signal Processing and Integrated Networks (SPIN 2023)
4	Mrs.S.A. Belhe	20/4/2023 & GHRIET,Pune	Paper Setter
5	Mrs.S.A. Belhe	13th May 2023, SPPU, Pune	Paper Setter

Staff Contribution towards quality improvement:

Sr. No	Department	Name Of Staff	Event	Organised By	Date & Event
1	AI&DS	Mr.Rajaram Mole	5 Week Massive Course	Indian Institute of Information technology Kota	CYBER SECURITY AND DIGITAL FORENSICS 1/12/2022
2	AI&DS	Mr.Rajaram Mole	Course	Skilltrain Cursq	Mobile Phone Repairing 23/1/2023
3	AI&DS	Mr.Rajaram Mole	MOOC Course	Indian Institute of Information technology Kota	COMPUTER HARDWARE& NETWORKING 1/12/2022

Students Achievements Students Academic Activities

Sr. No	Department	Name Of The Students	Events	Level	Prizes Won
1	AI&DS	TE (All Students)	AWS (Academy CLOUD foundation)	State Level	
2	AI&DS	Pallavi Mahesh Kasar	Research paper"Text summarisatio n which was published in the volume 8 of IJNRD"	State Level	Published paper
3	AI&DS	Shubhada Londhe	Shortlisted as student ambassador at International Model United Nations 2023.The date of commenceme nt for internship is from 19th may 2023	International	Shortlisted as student ambassad or at Internation al Model United Nations 2023

Students Achievements Students Academic Activities

Sr. No	Department	Name Of The Students	Events	Level	Prizes Won
4	AI&DS	Manasi Lodha	Shortlisted as student ambassador at International Model United Nations 2023.Date of commenceme nt of our intership is from 19 May. It's a 5 week internship.	International	Shortlisted as student ambassad or at Internation al Model United Nations 2023
5	AI&DS	Pratham Uday Chandratre	3 microsoft certification – Al– 900, AZ–900, DP–900	International	Al-900- 4 January 2023, AZ-900- 21 February 2023, DP- 900- 1 May 2023

Students Achievements

Students Academic Activities

Sr. No	Department	Name Of The Students	Events	Level	Prizes Won
6	AI&DS	Meghraj Bahir	FOSSASIA Summit Cloud Skills Challenge	National	Awarded an e-Tree Digital SWAG, which grants ownership of a tree in his name within the Azure Developer Community Forest. can actively contribute to reducing carbon footprint and advancing global Sustainability Development Goals. 21/04/2023
7	AI&DS	SE & TE (All Students)	Blood Donation	College Level	First

Professional Society Activities Branch name :(ISTE/IETE/IEEE/CSI etc. activities)

Sr. No	Department	Event	Date	Resource person (Organization)	Participati on details (Class with numbers)
1	AI&DS	Hands on workshop on UI/UX	17/04/23	Miss Nandini Solse Senior UX engineer LTI MindtreePune	S.E. T.E. (60)
2	Al&DS	Explore Microsoft Services and Cloud with Microsoft Experts from Pune Tech community	27/04/23	Mr. Siddharth Vaghasia Freelancer, Founder Microsoft MVP (Office Development)	S.E. (100)
3	AI&DS	DASSAULT 2023	8/5/23	Adarsh Rathaur Flying officer Indian Air force	S.E. (86)
4	AI&DS	PBL Competition	12/05/23	IEEE Student Chapter	SE (50)

Student Association Activities

Sr. No	Department	Activity Details	Date	Organizer
1	AI&DS	Project Xcelerate for SE A and SE B Project competition cum exhibition for 153 second year students	12/05/23	Artificial Intelligence Students Association/ Mr. G.H.Wani
2	AI&DS	Blindfold Battle Event of coding competition for SE and TE students 56 students participated	27/04/23	Artificial Intelligence Students Association/ Mr. G.H.Wani
3	AI&DS	BGMI Tournament Event of mobile gaming competition for SE and TE students 88 students participated	30/04/23	Artificial Intelligence Students Association/ Mr. G.H.Wani

Student Association Activities

Sr. No	Department	Activity Details	Date	Organizer
4	AI&DS	Valorent Tournament Edition Event of E-Sports for SE and TE students 72 students participated	23/04/23	Artificial Intelligence Students Association/ Mr. G.H.Wani
5	AI&DS	Roadmap to Placement Event is organized for TE students by expert Premraj Phawade , who guided students to crack placement total 112 students participated	25/03/23	Artificial Intelligence Students Association/ Mr. G.H.Wani

Department Activities

Sr. No	Department	Name of the Staff	Date	Details of activities performed
1	AI&DS	Dr.S.V.Limkar	11/05/2023	Faculty Knowledge Forum Activity- 360 PBA co attainment
2	AI&DS	Dr. R. B. Dhumale	20/04/2023	Faculty Knowledge Forum Activity- Data Analysis
3	AI&DS	Mr.G.H.Wani	03/05/2023	Faculty Knowledge Forum Activity- Data Analysis
4	AI&DS	Mr.S.D.Kale	03/05/2023	Faculty Knowledge Forum Activity- Herbal Medicine
5	AI&DS	Mrs.S.A.Belhe	20/04/2023	Faculty Knowledge Forum Activity- Social Media Analytics
6	AI&DS	Ms.R.R.Owhal	20/04/2023	Faculty Knowledge Forum Activity- AWS
7	AI&DS	Ms. S. D.Kadu	27/04/2023	Faculty Knowledge Forum Activity- Project-SDG

Department Activities

Sr. No	Department	Name of the Staff	Date	Details of activities performed
8	AI&DS	Mrs. S. A. Durgule	27/04/2023	Faculty Knowledge Forum Activity- Thought Power
9	AI&DS	Mr. P. G.Ghulaxe	27/04/2023	Faculty Knowledge Forum Activity- Programming Languages
10	AI&DS	Mrs. M.V.Shelke	13/04/2023	Faculty Knowledge Forum Activity- Diet Plan
11	AI&DS	Ms. A. S.Aphale	23/03/2023	Faculty Knowledge Forum Activity- Project Presentation
12	AI&DS	Ms.B.D.Lambture	23/03/2023	Faculty Knowledge Forum Activity- Marathi composition

NSS Activities

No. of Students Enrolled:- 22 No. of NSS camps held- 25/02/2023 to 3/03/2023 Names of students who participated -Special work done by NSS students- Social activities

IPC Report

Sr. No	Department	Activity	Activity Details [Date of activity, Coordinators, Class, No of participants? any other relevant details]
1	AI&DS	summer school internship –finland and dubai	9/5/2023 Mrs. s. A. Durgule T.E. students no of participants =15

IPC Report

Sr. No	Department	Activity	Activity Details [Date of activity, Coordinators, Class, No of participants? any other relevant details]
1	AI&DS	summer school internship –finland and dubai	9/5/2023 Mrs. s. A. Durgule T.E. students no of participants =15

Event Photograph

Shubhada Londhe presenting idea of rangeela Bharat , which meant to represent different parts of India specially the rural dominant areas along with the local artisans and products of the area at Mantralay.

People from all over India from rural areas but with amazing local traditional skills had participated in the event . Event was attended by Mr. Uday Samant and Mr, Aditya Thackeray



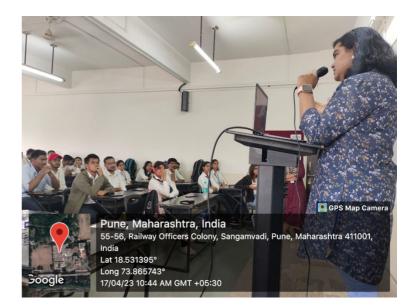




Five days Workshop by Mr. Ashay Sant , Siemens Digital Industries Software Pune on "Machine Learning and Python(programming Language)" for the subject Fundamentals of Data Structure on SE class

Event Photograph

Hands on workshop on UI/UX lecture given by Nandini Solse in association with IEEE CTSoc





Pallavi Kasar published a Research Paper on Text summarization which was published in the volume 8 of IJNRD