



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

(Accredited by NAAC with grade A+)



COMPUTER DEPARTMENT

JAN 2021 | MAY 2021

MONTH OF RELEASE: JUNE 2021

HORIZON NEWSLETTER

PRINCIPAL: DR.D.S.BORMANE

HEAD OF DEPT. : DR.D.P.GAIKWAD

VISION:

- Contributing to the welfare of society through technical and quality education.

MISSION:

- To produce Best Quality Computer Science Professionals by imparting quality training, hands on experience and value education.
- To Strengthen links with Industry through partnerships and collaborative developmental works.
- To attain self-sustainability and overall development through Research, Consultancy and Development Activities.
- To extend technical expertise to other technical Institutions of the region and play a lead role in imparting technical education.

PEO'S :

- PEO1: To prepare the graduates for successful careers in IT industry, by developing their ability to solve computing problems in multidisciplinary environment.
- PEO2: To develop ability among the graduates to analyze data and technical concepts various application development for real life.
- PEO3: To Motivate and provide graduates various opportunities for further studies, teamwork and successful career in their chosen domain.
- PEO4: To motivate and encourage graduates to understand their, Social ,ethical and Cultural responsibilities as well with their professional responsibilities.

PSO'S :

- Students are able to devise, analyze and implement algorithms.
- Students are able to exhibit their IT based knowledge for the development of Society.
- Enhance communication and leadership skills to get good position in National and International Organizations

EDITORIAL BOARD

Editor:

Ms S.S.Kolte

Student Editor:

Soman Bhaskar

Aishwarya Pawar

Our Inspiration

Shri Shrimant Shahu Chhatrapati
Maharaj President, AISSMS



- Dr.D.S.Bormane

FROM PRINCIPAL'S DESK

AISSMS College of Engineering successfully concluded its 2020-21 academic year, marking a significant milestone in its 28-year journey since its establishment. We are thrilled to announce that our institute has been awarded the esteemed Grade A+ accreditation by the National Assessment and Accreditation Council (NAAC). This recognition fills us with immense pride and joy. Throughout the years, AISSMS College of Engineering has consistently excelled in academic excellence, producing exceptional students who have received University gold medals and achieved top ranks in various engineering disciplines. Our faculty members actively contribute to research and development endeavors, further enhancing the institution's reputation and impact. As we move forward, we are committed to strengthening our Engineering Research activities to benefit our students and society at large. Our aim is to provide the finest theoretical and practical training to our students, equipping them with exceptional skills that are highly sought after by employers.

Despite the challenges posed by the pandemic, we swiftly adapted to the situation by transitioning to online learning at the end of the semester. Both our faculty and students wholeheartedly embraced this change, maintaining a strong emphasis on continuous learning and ensuring that the quality of education remained uncompromised. We are extremely proud of the accomplishments of our institute and express our heartfelt gratitude to everyone who contributed to this success. AISSMS College of Engineering remains dedicated to its mission of providing outstanding education and preparing students for a bright future in engineering and beyond.

FROM HOD'S DESK

The Department of Computer Engineering specializes in the analysis, design, and development of computer systems, encompassing both hardware and software components. Our department boasts well-equipped laboratories featuring a substantial number of personal computers, servers, and the latest licensed software such as Oracle, MATLAB, and .NET. This ensures that our students have access to the necessary tools and resources to enhance their learning experience. To keep up with the rapidly evolving field of technology, we organize various workshops, seminars, and training programs focused on current technologies. These initiatives aim to foster the professional development of both faculty and students, enabling them to stay updated with the latest advancements in the industry. The faculty members, along with the students, engage in research work in cutting-edge areas such as Parallel Processing and Data Mining. By involving students in research projects, we aim to cultivate a culture of innovation and critical thinking within our department. To ensure the holistic development of our students, we have established various clubs and chapters within the department. These clubs provide platforms for students to explore their interests, collaborate on projects, and participate in extracurricular activities that complement their technical education.

One of the highlights of our department is the annual technical event called Bits-n-Bytes, which is organized under the auspices of AISSMS Engineering Today. This event serves as a platform for students to showcase their skills, knowledge, and creativity through various technical competitions and exhibitions.



- Dr.D.P.Gaikwad

FROM EDITOR'S DESK

It gives us great pleasure to hand over to you "HORIZON" the newsletter of Computer engineering department. The department has over 22 staff members and more than 360 students. All of us are involved in number of activities and working for development of the department.

We thought it would be proper to come out with a newsletter to highlight these activities. In an engineering learning this activity adds common platform to showcase the talents. It also provides for showcasing of achievements and efforts taken by one and all which contribute towards department strengths. It is our attempt to get maximum contribution from staff and students to come together and interact through this newsletter. We try to pick the moments of guest lectures conducted by dept., various site visits carried out, competitions organized, various achievements and participation by students and staff. We hope this news letter will help us in its own way to achieve our goal & realize our vision progressively.

Hope you will find this newsletter informative.
Your suggestions for improvement in the newsletter are welcome!!
Editors

Achievements

Students

SE (Shift 1)

1. SYED SABA
2. EKSAMBEKAR YASH
3. JAGTAP ATHARVA

TE (Shift 1)

1. SURAJ SINGH
2. THOMBRE MANJIR
3. SHETTY PRANAV

BE (Shift 1)

1. DHOTE SAMIKSHA
2. ALEX SUNNY
3. BHOSALE ATHARVA

SE (Shift 2)

1. ANUSHKA JOSHI
2. PATIL AARYA
3. SOMAN BHASKAR

TE (Shift 2)

1. CHINTAWAR SHANTANU
2. DALVI ANKITA
3. INAMDAR RUTUJA

BE (Shift 2)

1. JOSHI ANUSHKA
2. PAWAR AISHWARYA
3. MORE TANMAY

Faculty

Dr.S.S.Sayyed

- Computer Graphics book Published

Dr.S.S.Athawale

- Book published on Wireless Ad hoc Network essential

LOCKDOWN-WORKSHOP'S

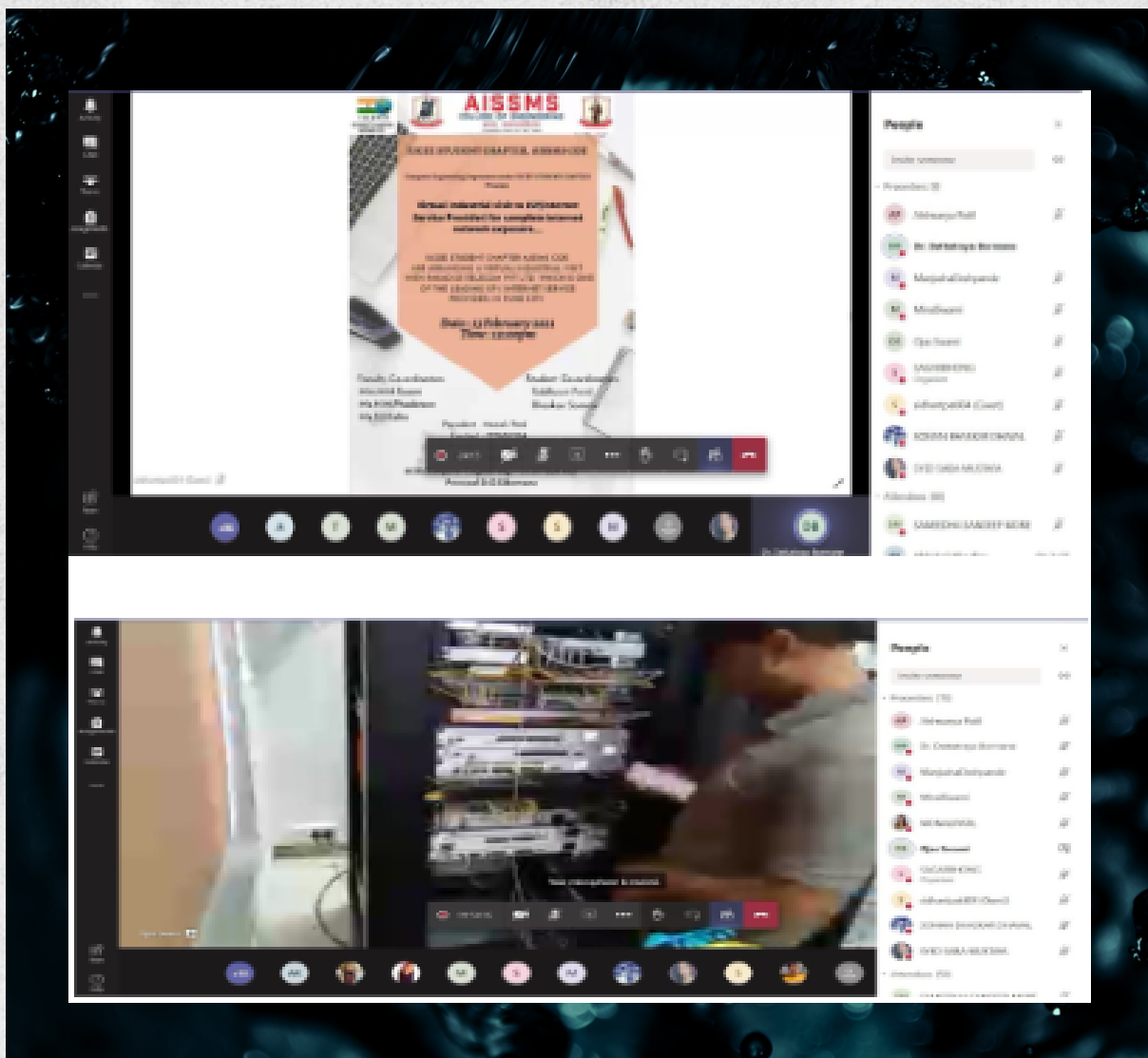
- Department of Computer Engineering arranged various Webinars and FDP'S in Pandemic Situation COVID-19 .
- Dr.M.A.Pradhan ,A.M.Jjagtap,S.S.Jdhav,N.Rai Organised Workshop on “Spring Web Services”,14th May2021 and Speaker was Mr. Kushal Shukla (Software Development Specialist Amdocs,Pune).Speaker gave immense knowledge on Web services.Around 110 Students were attended the session.
- Mr.A.J.Kadam, A.A.Gupta,Dr.S.V Athawale,A.S.Deokar organized Workshop on “Front End Development”
 - on 21th May 2021 and Speaker was Mr.Vaibhav Wadekar (Senior Web UI Developer) Globant,Pune. Speaker
 - gave hands on knowledge on Frond end development around 100 students enjoyed the session.
- Dr.D.P.Gaikwad,S.R.Nalamwar,V.V.Waykule,S.S.Kolte Organised Workshop on “Apache Kafka Fundamental” on 26th may 21 and Speaker was Mr.Shrikant Borude (Principal Software Engineer) Netscout Systems pvt.ltd .Speaker gave brief knowledge and hands on Apache kafka around 160 students enjoyed the session.



ACTIVITIES CONDUCTED

Virtual Industrial Visits

- The IUCEE Student Chapter and Computer Engineer Department, AISSMSCOE organized a virtual industrial visit in view of the ongoing situation at Paradise Telecom PVT. LTD 13th Feb 2021. which is one of the leading internet service providers in Pune. The virtual visit was met with an overwhelming response from students who were curious about how exactly the internet reaches us.
- The speaker Mr. Mallikarjun Swami took great efforts to take us around the premises virtually, elucidating everything in the process. Around 140 students were present. M.M.Swami, S.S.Kolte, M.M.Phadatare were Co-Ordinator for this Virtual Visit.



ONLINE-FDP /WORKSHOP/STTP ATTENDED

- Dr. M.A.Pradha attended online National Workshop on “One week national workshop on NAAC Accreditation process”, Organized by MCASC and RUSA under Paramarsh scheme of UGC on dt. 15 to 22 April 21
- A.M.Kadam attended online FDP on “Emerging Trends in Robotics and Industrial Automation”, Organized by Bharati Vidyapith on dt. 25 August 2021
- Dr.S.F.Sayyad attended online FDP on one week AICTE-ISTE Approved Orientation/Refresher Program organised online by Indira College of Engineering and Management, Pune program on Mathematical Modelling .on dt. 25/02/2021 to 3/3/2021
- Dr S V Athawale attended online Webinar on,” Digital Marketing and Amazon Opportunities”, Organized by AISSMSCOE on dt 13th October 2021
- A.M.Jagtap attended online FDP on “Success and You”, Organized by Bharati Vidyapith on dt. 25 August 2021
- S.S.Jadhav attended online one week Faculty Development Program on, “Problem based learning : Real time case studies and industry practices”, Organized by SIT, Lonavala dt on 9th - 13th February 2021
- S.S.Jadhav attended Attending FDP on “Advancement of Intelligence System and Computation” Organized by JIS College of Engineering dt. On 20-24 april 2021
- M.M.Swami attended Attending FDP on “3D Printing & Design ” Organized by Indian Institute of Information Technology, Design and Manufacturin Kancheepuram dt. On 2021-1-4 to 2021-1-8
- M.M.Swami attended Attending FDP on “Problem based learning : Real time case studies and industry practices” Organized by SIT, Lonavala, dt. On 9th - 13th February 2021
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Journal Publication's

- Dr. D.P. Gaikwad published paper on “Efficient Alphabetic Text-based Tree Indexing,” Feb 2021, Journal of Environmental Science, Computer Science and Engineering & Technology, Vol.10. No.1, 001-010. E-ISSN: 2278-179X.
- A.J.Kadam published a paper on “Data hiding under QR code using visual secret sharing” in April 2021, IJASRET, Vol.6. Issue 4.
- Dr.S.F.Sayyad, published paper on “Pattern Recognition with Neural Network for Stock Diagram”, March 2021 ” Eflatounia Vol 5 Issue 1 Eflatounia ISSN: 1110-8703 Pages: 50 – 55
- Dr.S.J.Pachouly, published paper on “Depression Detection On Social Media Network Using Sentiment Analysis”, Jan 2021 IRJET Vol 8, Issue 1
- S.S.Kolte has Published a paper on “International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 08 Issue: 03 | Mar 2021
- M.M.Swami published a paper on “Closed Domain Question Answering and Automatic Slide Generation using Natural Language Processing” e-ISSN: 2395,IRJET. 2021
- N.A.Rai has published paper on “ face mask detection using deep learning “2021 IJRDT,ISSNS NO.2349-3585.