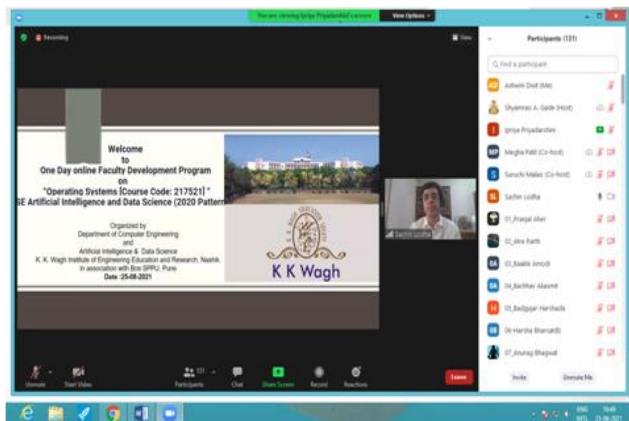




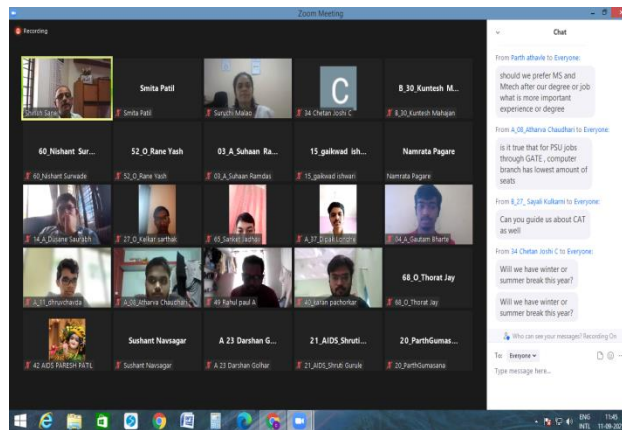
■ One Day Faculty Development Program On “Operating System (SE:AIDS)”



One Day Faculty Development Program was conducted by Computer Engineering and Artificial Intelligence and Data Science Departments on “Operating System (SE: AIDS)” on 25th August 2021 in Association with Board of Studies Computer Engineering, SPPU, Pune. Prof. Dr. K. N. Nandurkar, Principal, briefed about KKWIEER, Nashik. Prof. Dr. S. S. Sane, Head, briefed about one day Faculty Development Program. Prof. Dr. P. M. Yawalkar, Coordinator, SE (AI-DS) Syllabus, Member of BOS & FoST, SPPU addressed the participants. Prof. M. J. Patil introduced chief guest Dr. Sachin Lodha. Dr. Sachin Lodha, Chief Scientist, Tata Consultancy Services, E-Inaugurated the One day FDP and delivered key note. In session I, Mr. Tushar Kute, Data Scientist and Researcher, MITU Research, briefed about Linux Operating System. In Session II, Dr. Mahesh Sanghavi, Head and Professor, SNJB’s College of Engineering, Chandwad, discussed about Fundamental Concepts of Operating system and Process Management. In session III Mrs. Suvarna Patil, Assistant Professor, D.Y. Patil Institute of Engineering, Management Research, Pune briefed about Memory Management and I/O and File Management. In session IV Dr. S. M. Kamalapur, Professor, KKWIEER, Nashik discussed the concept of Process coordination. The program was ended by vote of thanks given by Prof. S. M. Malao. Keynote address by Dr. Sachin Lodha sir was attended by 108 students from SE (Computer Engineering and AIDS) and 40 faculty members from 15 different colleges.

The workshop was coordinated by Prof. S. M. Malao and Prof. M. J. Patil along with staff members of Computer Engineering and AIDS department.

■ SE Orientation



Virtual SE orientation was conducted on 11th Sept 2021, 10.15 am to 11.30 am by department of Computer Engineering and AIDS, K. K. Wagh Institute of Engineering Education and Research, Nashik. The main motive of the meeting was to interact with students, provide information about departments. Prof. S. D. Jadhav welcomed the parents and briefed about the agenda for the meeting. Prof. Dr. S. S. Sane, Head, department of Computer Engineering highlighted about recent updates in department and Institute. Prof. N. G. Sharma provided placement statistics and explained about Internship opportunities. She explained about key take away the students should ensure along with academics like certification courses, publications, internships etc. Prof. N. M. Pagare proposed a vote of thanks.

■ “Researcher’s Discovery Platform” Competition

SE AI DS students, Jay Thorat, Amodi Baale, Reva Kularni, Affan Shaikh, Nishant Surwade, Riya Jain are doing a project under Researcher’s Discovery Platform Competition namely Techfest, organized by IIT Bombay, in association with TATA Sons. They have cleared the round 1 and are promoted to participate in Round 2. Dr. R. D. Kulkarni is their mentor. Only 12 teams have been selected from a huge response. Project aims at creating a web platform where researchers can find and collaborate with each other.



■ Industrial Visits organized by
Department for Students



The Smart Cities Mission is an innovative and new initiative by the Government of India to drive economic growth and improve the quality of life of people by enabling local development and harnessing technology as a means to create smart outcomes for citizens. Regarding this FE Computer, AIDS and CSD Engineering students visited Smart City Office, Nashik on 25 th June 2022.

The purpose of this visit was:

1. To create awareness about Smart city initiatives
2. To explore new technologies, and identify areas where students can contribute in the form of projects
3. To interact with the professional experts
4. Internship opportunities Students learned about the things which they are going to use in near future and they were encouraged and came forward to ask the questions related to Smart City Projects and their contribution for it. The visit was coordinated by Prof. P. D. Rakibe and Prof. S. D. Jadhav under the guidance Prof. Dr. S. S. Sane, Head department of Computer Engineering, KKWIEER, Nashik

Papers Presented by Staff and Student

Title of Paper: Proposing a Semantic Analysis based Sanskrit Compiler by mapping Sanskrit's linguistic features with Compiler phases

Author: Akshay Chavan , Pranathi Kunadi , Prof. Dr. Nidhi Wader , Prof. Dr. Shirish Sane

Organizer: Proceedings of the Second International Conference on Electronics and Sustainable Communication Systems (ICESC).

DVD Part Number: CFP21V66-DVD; ISBN: 978-1-6654-2866-8

Abstract:

Proposing a Semantic Analysis based Sanskrit Compiler by mapping Sanskrit's linguistic features with Compiler phases

Abstract: The requirement for a Natural Language to be used as a programming language has been discussed for many years, yet we still are finding answers to the same question. Most of the current work in this area is limited to English and a few other oriental languages, as a result of which we are susceptible to ambiguity in its interpretation due to the weak grammatical structure of these languages. Although there are thousands of them, we still can get a strong contender for this argument. To answer this question, this paper proposes the use of Sanskrit language as a programming language which has the most substantial ancient roots and offers a robust grammatical foundation, which will help us achieve a natural language to be used as a computational language. This paper deals with an approach to demonstrate how Sanskrit could be a solid contender to be a natural language used as a programming language by mapping it to the compiler's phases.

Faculty Coordinator: M. P. Mahajan

Publisher: Department of AI&DS Engineering,

K. K. Wagh Institute of Engineering Education and Research, Nashik

https://enqg.kkwaqh.edu.in/academic_programme/news_letter/1