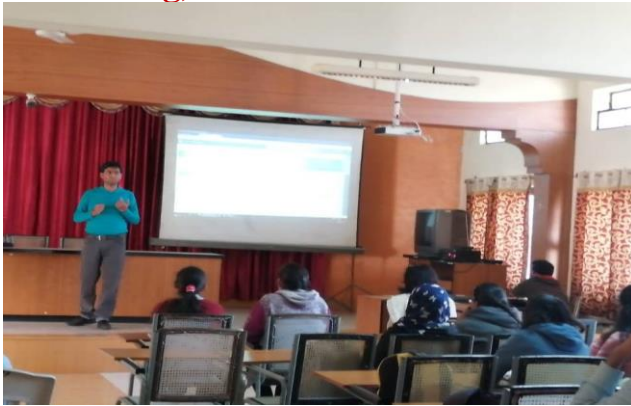




■ Expert talk on Digital and Social Media Marketing)



Computer Engineering Department, KKWIEER, Nashik organized an Audit Course Expert talk on “Digital and Social Media Marketing” on 4th January 2019 by Mr. Tanmay Dikshit. The main objective of the talk was to introduce TE students to the different digital and social media marketing and its application. Also help them to identify best practices for Social Media Marketing, including platform level best practices, connect business objectives to appropriate Social Media tactics. 104 TE students attended the talk and participated in interaction, with expert. This activity was organized by Prof. C. R. Patil, Prof. S. K. Gondhalekar for TE Computer Engineering Students. Krutika Dandgaval, Mayur Deshmukh , Harsha Gondhalekar & Dhanashree from TE Comp helped for smooth conduction of the talk.

■ Expert talk on Agile Methodology using Scrum



Department of Computer Engineering in association with Student branch of Computer Society of India, K. K. Wagh Institute of Engineering Education and Research Nashik organized expert talk on Agile Methodology using Scrum by Mr. Nilesh R. Pardeshi,

Senior Associate, Opus Consulting Solution, Pune on 28th January 2019.

Following topics were discussed in the Expert Talk

- Software Development Lifecycle
- Waterfall Model, Importance of agile
- Agile Methodology and its components
- Agile Methodology implementation using Scrum

It was an interactive session and all queries of students and faculty were answered satisfactorily by Mr. Nilesh Pardeshi.

29 students of TE computer engineering attended the session, Activity was coordinated by Prof. A. V. Kolapkar & Prof. S. S. Banait under the guidance of Prof. Dr. S.S. Sane, Head Department of Computer Engineering.

■ Expert talk Latest web development tips and tricks



Two hours of interaction with Technology Consultant of Microsoft and hands on session to learn latest web development tricks was arranged for T.E. students of computer engineering on 31st January 2019. The session was conducted by Mr. Ketan Agnihotri , Technology Consultant of Microsoft.

Following topics were discussed in the Expert Talk

1. Reactjs Basics
2. Demonstration of Flux Pattern
3. Creating Scalable web apps using Azure Cloud and communicate in teams
4. Use of modern web development tools
5. Web development ethics
6. Discuss project management and aspects of finance for web based projects

Activity was coordinated by Prof. K. P. Birla under the guidance of Prof. Dr. S.S. Sane, Head Department of Computer Engineering.



■ **2 days State level workshop on “Block-chain technology” on 1st and 2nd February 2019 sponsored by Savitribai Phule Pune University, Pune**



Department of Computer Engineering, K. K. Wagh Institute of Engineering Education and Research, Nashik has successfully conducted 2 days State level workshop on “Block-chain technology” on 1st and 2nd February 2019 sponsored by Savitribai Phule Pune University, Pune. Around 50 participants from various colleges attended the workshop and expressed their happiness for conducting such event. Eminent speakers from academics and industry like Prof. Dr. Vishwas Patil of IIT Powai (Head, Information Security Research and Development Center), Mr. Sarang Bhojar (Blockchain Leader, Infosys, Pune), Mr. Muddessar Shaikh (Software Engineer, Winjit Technologies), Prof. Dr. Parikshit Mahalle (HOD, Smt. Kashibai Nawale COE, Pune), Mr. Tanmay Dixit (Director, CPAG, Nashik) guided the participants. “Blockchain Technology will dominate the Near Future” was the statement by Prof. Dr. Vishwas Patil. Prof. Dr. Varsha Patil (BOS Chairperson, Computer Engg. SPPU) was the Chief guest for Valedictory function. Prof. Dr. S. S. Sane was the Convener and Prof. S K Gondhalekar & Prof. C R Patil were the co-convener for the workshop. Prof. S K Gondhalekar, Prof. C R Patil and staff members of Computer Engg. Dept. coordinated the event.

■ **Parent Teacher Meet**

Parent Teacher Meet for FE, SE, TE, BE students of computer engineering department was organized on 13th February 2019 at 4:00 PM in JVN Hall, Department of Computer Engineering. The objective of the meet was to upgrade the teaching learning process and infrastructural facilities and to enhance academic environment.

Head of the department Prof. Dr. S. S. Sane briefed

the parents about the department and also gave highlights on institute and student’s achievement. Prof. N. M. Shahane explained the outcome based education. Prof. S. M. Kamalapur informed the parents regarding teaching, learning and assessment scheme. Prof. S. S. Banait explained the mentoring scheme provided for students and Dr. P. K. Shahabadkar made the parents aware about training and placement facility of college and the session was followed by ERP demonstration by Prof. V. N. Suryavanshi, where in various facility of ERP such as attendance monitoring, fees details have been demonstrated.

Parents found it to be an informative session and they provided their views about the event. The session ended after Parents interaction with their respective ward’s class coordinator. Total 69 parents attended the meeting. The program was organized by all class coordinators under the guidance of Prof. Dr. S. S. Sane.



■ **3 days workshop on “Personality Development”**



“Personality development workshop” for third year computer engineering students was organized from 15th February to 17th February 2019. Mr. Osden, Senior Relation manager, Columbus IT, Chicago conducted the workshop. The main objective of the workshop is to improve student’s communication and presentation skill. The workshop was conducted for



three days wherein various activities like presentation, group discussion, mock interview were included. The students were able to gain confidence and presentation skills. 18 students have attended the workshop and the session was coordinated by Prof. Dr. S.S. Sane, Prof. I. Priyadarshini.

■ Expert talk on the topic “Business Written Communication”



An expert talk on the topic “Business Written Communication” was conducted on 23rd February, 2019, 12:30 pm to 2:30 pm at department of Computer engineering, K. K. Wagh Institute of Engineering and Education Research, Nashik. The aim of the event was to help students to compose professional email and provide guidance for career planning

The session was conducted by Mr. Shrikant Karode. He covered following points:

- What is Business Communication?
- What Does Business Communication Involve?
- Why Written Communication?
- STAR Format of Written Communication
- “Subject” of the Mail
- Salutations
- 7 C’s of Effective communication

Students learned about ways of writing professional emails and improve communications skills. The session was coordinated by Prof. M. P. Mahajan and Prof. N. M. Pagare, Computer Engg. Dept., under the guidance of Head of Department Prof. Dr. S. S. Sane.

■ Winners of State level Hackathon Neuron19



Total 102 SE Computer students got certified on C and CPP course by Spoken Tutorial, IIT Bombay. Team Vector of KKWIEER, Nashik qualified for DD Robocon – 2019 competition with all India rank 9. Following students of Computer Engg. are team members of team vector: Durgesh Pachghare, Panchami Sahare, Shreyas Kalvankar, Jayshree Aher, Chaitanya Kachave, Rutik Rojekar.

Prof. V. N. Suryawanshi delivered expert talk on ERP at Mahila Mahavidyalay Nashik on 14th Feb. 19. Prof. Dr. S. S. Sane invited as resource person at FDP on Data Science using R programming at MGMs College of Engg. Nanded

■ Session on “Exam Preparation” for backlog students



A session on “Exam Preparation” was delivered by Head of Computer Engineering Department, Prof. Dr. S. S. Sane for Computer Engineering students who were having backlogs with an objective to guide the students regarding exam preparation on 1st March 2019. During the session, he guided students about preparation for exam, referring past question papers and writing solution, organizing time effectively and writing answers in proper manner. It was a motivational session and students were motivated to consider their backlog course as a scope of



improvement. 34 students have attended the session. The session was coordinated by Prof. I. Priyadarshini and Prof. A. V. Taware.

■ Equinox 2019

EQUINOX 2019



Mr. Shashank Todwal (Director, UMS Tech Lab, Nashik), Mr. Sandip Shinde (TCS DISQ), Prof. Dr. S.S. Sane, Prof. N.M. Shahane, Dr. S.M. Kamlapur, Prof. W.W. Pingle, Prof. A.V. Kolapkar, Ms. Sharvari and Ms. Mahima

The Department of Computer Engineering successfully organized the “Equinox 2k19” a National level Technical Symposium. The event was conducted on 22nd and 23rd March 2019.

The event was inaugurated on 22nd March in presence of Mr. Shashank Todwal (UMS Tech) and Mr. Sandeep Shinde TCS DISQ as the Guest of Honour and Chief Guest, Prof. Dr. S.S.Sane, Prof. N. M. Shahane, Prof.S.M.Kamlapur, Prof. A.V.Kolapkar, Prof.W.W.Pingle and student coordinators. The Equinox conducted various technical as well as non-technical competitions. 400+ students from different colleges all over Nashik participated in the various events of Equinox 2019. The events were judged by esteemed judges from various fields.

The event was organized by the Debuggers' Club in association with student's chapter of CSI. Prof. W. W. Pingle coordinated the event. Active participation and teamwork made the event a grand success. Joshi classes and Tyson, Friends computers, Raj computers, Apex, Aspire tally, Ujjwal Career Guidance centre along with Carnival Restaurant, The J, were the proud sponsors for the events.

■ Android development workshop

130 students enlightened in Android development workshop organized for FE/SE/TE students of K. K. Wagh institute of engineering education and Research, Nashik, by developer student club-Google developer-KWIEER on 29th to 31st March, 2019 with objectives of (1) to learn basic android development (2) Game development (3) understand career opportunities in android development (4) use modern tools in computer programming and (5) to engage in lifelong learning.



Certified Google developer and trainer Mr. Pratik Khanapurkar delivered the workshop at Software lab I and II utilizing ICT facility available at computer department.

Student members and coordinators of Developer student club Ms. Mahima, Durgesh, Atharva, Pranit and friends took efforts for organizing the workshop successfully. Mr. K. P. Birla (faculty-Computer) and Mr. P. D. Surwade (TA-computer) assisted them for arranging the workshop under the guidance of Head of the department.

*****Two groups from Computer Department secured following prizes in Karmveer Expo 2019 , National Level Working model Contest and Project Exhibition, Presented by Department of Electrical Engineering of KKWIEER :

Prize : 1st prize

Topic : Women safety using jewelry

Members :

Priyanka Lokhande (TE-A)

Sneha Kakad (TE-A)

Gautami Dhokte (TE-A)

Same group secured second prize in competition at PVG's CoE Nashik and 4th runner up in 3rd Compute Society of India Nashik Regional Project Competition (organizing partner DISQ).

Prize : Special Appreciation Prize

Topic : Smart Cart

Members :

Dhanashree Dhamane (TE-A)

Eera Patil (TE-A)

Leena Patil(TE-A)

Saloni Lunavat (TE-A)



**** Rushikesh Gaikwad , Rahul Chimkar , Aditya Bodke, Jignesh Patel of BE Computer Engg. stood runner up in project competition in Kshitij 2019 at KBTCoE , Nashik.

****Special Appreciation Prize and implementation project with DISQ as a result of 3rd Computer Society of India Nashik Regional Project Competition (organizing partner DISQ) help on 16/03/19 at TCS DISQ, Nashik.

Topic: Accident prevention and Emergency providing system

Members: Mahima Gaikwad (TE-A)
Durgesh Pachghare (TE-A)
Pranesh Dhake (TE-A)
Atharva Patil (TE-A)

■ Expert Talk on Water Management



An Expert Talk on "Water Management" was arranged for SE students on 1st April 2019. The Expert talk was delivered by Prof. Dr. S. Y. Kute (Academia Dean, KKWIEER, Nashik)

In his presentation he highlighted the importance of managing water resources in the coming scenario.

How reducing level of water can affect the coming generations was his main concern. He also highlighted how the students can benefit the society by working in this direction. One of the biggest concerns for our water-based resources in the future is the sustainability of the current and even future water resource allocation. As water becomes scarcer, the importance of how it is managed grows vastly. Finding a balance between what is needed by humans and what is needed in the environment is an important step in the sustainability of water resources.

The Session was attended by 103 SE students along with the Staff Members of Computer Department and coordinated by Ms. S. T. Patil and Mr. D. M. Kanade

■ Embedded System and IoT Mini Project Competition



A Mini Project competition on "Embedded System and Internet of Things" was organized by Department of Computer Engineering under Computer Society of India for Third year Computer Engineering students on 05-04-19. Prof. S. N. Chaudhari, Asst Prof, Department of Information Technology and Prof. Prachiti Suresh Pimple Asst Prof, Department of MCA were invited as Judges. Total 20 groups have been selected for the competition and the groups demonstrated their projects to judges. The projects were based on implementation of IOT technology for smart irrigation, city, society etc. The first three winners were awarded with cash prize. The event was coordinated by Prof. I Priyadarshini and Prof. Lalit Patil

■ Web Technology Mini Project Competition



A Mini Project competition on "Web Technology" was organized by Department of Computer Engineering under Developer Student Club (powered by Google developers) for Third year Computer Engineering students on 05-04-19. Prof. Mariyam Maniyar Asst Prof, Department of MCA and Prof. Kiran Somwanshi Asst Prof, Department of Information Technology were invited as Judges. Total 13 groups have been selected for the competition and



the groups demonstrated their projects to judges. The event was coordinated by Prof. A.V Tavare and Prof. K.P. Birla.

■ **Advanced Data Structure and Computer Graphics Mini Project Competition**

A mini project competition cum exhibition on Computer Graphics and Advanced Data Structure lab for SE students was conducted on 5th April 2019 in Programming Lab-III and IV. It was a great platform for students to showcase their talent in programming. Students participated enthusiastically. In all 28 groups participated. Prof. Punam Fegade and Prof. Roshan Gangurde from MCA department evaluated the projects

■ **Seminars/Workshop/Training attended by staff:**

- Prof. L. A. Patil attended Indian Cyber Congress (INCYCON) conference, Sree Vidyanikethan Engineering College (SVEC), Tirupati, Andhra Pradesh on 29/9/18.
- Prof. C. R. Patil, Prof. N. S. Sonawane, Prof. S. A. Gade, Prof. V. N. Surywanshi attended Infor – ERP Train the trainers Training program, KKWIEER, Nasik from 17 to 22 December 2018.
- Prof. M. P. Mahajan attended Workshop on current trends in bio medical instrumentations, KKWIEER, Nashik from 26 and 27 December 2018.
- Prof. S. S. Bhandare and Prof. J. R. Mankar attended Hands on training on Machine Learning , KKWIEER , Nashik from 27 to 29 December 2018.
- Prof. L. A. Patil attended FDP on LP III KVN, Nashik from 21 and 22 December 2018.
- Prof. D. M. Kanade, Prof. L. A. Patil attended Two days workshop on Blockchain Technology from 1st and 2nd February 2019.

■ **Papers Presented by Staff and Student**

Title of Paper : A Novel Energy Efficient and SLA-Aware approach for Cloud Resource Management

Author:Madhukar Shelar, Shirish Sane, Vilas Kharat

Organizer: International Journal of Grid and High Performance Computing Volume 11, Issue 2 April-June 2019

Abstract: A Novel Energy Efficient and SLA-Aware approach for Cloud Resource Management Server virtualization is a well-known technique for virtual machine (VM) placement and consolidation and has been studied extensively by several researchers. This article presents a novel approach called aiCloud that advocates segmentation of hosts or physical machines

(PMs) into four different classes that facilitates quick selection of PMs to reduce the time required to search host machines, called host search time (HST). The framework also introduces VM_Acceptance_State, a condition that avoids host overloading, which leads to significant reduction of SLA time per active host (SLATAH) that in turn reduces SLA violation (SLAV). The performance of aiCloud has been compared with other approaches using standard workload traces. Empirical evaluation presented shows that aiCloud has least HST and outperforms other approaches in terms of SLA violations and ESV (Energy and SLA Violation) and therefore may be an attractive strategy for efficient management of cloud resources.

Title of Paper : Document Management System, Open Source and Secure

Author: Shraddha More, Snehal Pagare, Shivani pawar, Prof. S. K. Gondhalekar

Organizer: IRJET

Abstract: There are various documents that are generating on daily basis in fields like education, government sectors, medical etc. There are various applications available for storing and managing these generated documents. The data generated by these applications are large in amount. So it is necessary to build the system which will store the data on cloud and on standalone server. The proposed system will let the user to scan, upload or import documents to Document Management System. The system will facilitate compression without quality or data loss and provide authentication and authorization mechanism using OAuth2 and two-factor authentication. System will store the documents in PDF format at designated sever locations(cloud)and user can view documents within the system i.e. in Web Application. It will categorize files based upon Date etc. User can share files using links with password protection and limited time access. The system will use Tortoise CVS for version control of documents. It will track changes of each and every activity of logged in user. Our aim is to develop system for health care purpose to efficiently store and access documents, saving time and resources in open source environment where document security is important.

Faculty Coordinator: M. P. Mahajan

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https://engg.kkwagh.edu.in/academic_programme/news_letter/1

