**TECHNICAL NEWS LETTER**

## ■ Visit of Hon. Shri. Prithviraj Chavan, (Ex. Chief Minister, Maharashtra State)



Visit of Hon. Shri. Prithviraj Chavan, Ex. Chief Minister, Maharashtra State



Talk by Hon. Shri.PrithvirajChavan

Hon. Shri. Prithviraj Chavan, Ex. Chief Minister, Maharashtra State visited our institute on 3rd June 2022. On this occasion Chairman of K. K. Wagh Education Society, Shri. Sameer Wagh, Trustee Smt. Shakuntalatai Wagh, Mr. Ajinkya Wagh, Secretary Prof. K. S. Bandi, Principal Dr K. N. Nandurkar and other staff of the institute were present. Public speech of Hon. Shri. Prithviraj Chavan was organized by our Society on same day at Raosaheb Thorat hall Nashik. The topic of the talk was "Indian Economy and future challenges in Indian Education". On this

occasion Chairman of K. K. Wagh Education Society, Hon. Shri. Sameer Wagh was felicitated at the hands of Hon. Prithviraj Chavan for being elected unopposed as President of Three Associations of Managements of Unaided Engineering Colleges, Unaided Polytechnic Colleges and Unaided Agricultural Colleges of Maharashtra state. Shri Pratap Wagh (Ex MP) was president of the program. Hon. Prithviraj Chavan in his talk explained in detail the importance of emerging areas in education field and skills to be acquired by the students for sustainable economy of India. The talk was attended by the Nashik citizens, all Principals, Heads of department and staff of various institutes of K. K. Wagh Education Society.

## ■ Inauguration of Teaching-Learning Centre



Inauguration of our Teaching-Learning Centre

Hon. Shri. Vivek Sawant (Chairman of Advisory committee of our institute), Mentor of Maharashtra Knowledge Corporation Limited visited the institute on 04/06/2022. The Teaching-Learning Centre of Engineering College was inaugurated at his hands. This Centre will take up research in the area of engineering education and innovations in teaching learning processes. On this occasion, Chairman of K. K. Wagh Education Society. Hon. Shri. Sameer Wagh felicitated

Shri. Vivek Sawant. Also Shri. Vivek Sawant felicitated Hon. Shri. Sameer Wagh for shouldering the responsibility as Chairman of K. K. Wagh Education Society. In this meeting Shri. Vivek Sawant guided on the Autonomy Syllabus and he suggested the various changes in the syllabus of Mathematics for various branches. For this meeting Chairman Hon. Shri. Sameer Wagh, Secretary Prof. K. S. Bandi, Principal Dr. K. N. Nandurkar, all heads of department and staff of Mathematics subjects of our institute were present.

### ■ Career Fair Exhibition


Inauguration of Career Fair Exhibition


Principal Dr. K. N. Nandurkar visited career Fair Exhibition

K. K. Wagh participated in the Career fair exhibition organized by Divya Marathi during 3rd to 5th June 2022 in Nashik. Inauguration was done at the hands of Mr. Avinash Khairnar, Alumnus of our institute of 1996 batch and CEO of Sarthak Engineers. Principal Dr. K. N. Nandurkar visited an exhibition.

### ■ NBA Accreditation Extension

Five department of our institute which includes Electronics and Telecommunication Engineering, Electrical Engineering, Computer Engineering, Chemical Engineering and Civil Engineering which were Accreditated earlier by National Board of Accreditation (NBA), New Delhi got their Accreditation status continued for next three years up to 30th June 2025. NBA Compliance Committee visited our institute on 21st May 2022.

### ■ 2nd CEO Connect


Speech by Mr. Deepak Kulkarni

2nd CEO Connect of this academic year was organized online by our institute in association with CII-Industry Academia Connect panel on 01st June 2022. Mr. Deepak Kulkarni, Plant Head, Siemens Ltd., Nashik was speaker in the program. The topic was "Role of Engineering in Changing Scenario". Principal Dr. K. N. Nandurkar welcomed to guest on this occasion. The total number of staff and student participants present for the program were 350.

### ■ Celebration of Shiv Rajyabhishek Din


Celebration of Shivrajyabhishek Din

Shivrajyabhishek Din was celebrated in the Central Library of our institute on 6th June 2022. For this program Principal Dr. K. N. Nandurkar, Dr. P. S. Bodke(Librarian), Dr. N. B. Gurule and other staff were present.

# K.K. Wagh Education Society's
## K.K. Wagh Institute of Engineering Education and Research, Nashik.

**TECHNICAL NEWS LETTER : June - 2022**

## ■ Signing MoUbetween Institute and Caprihans India Ltd., Nashik



Our institute signed MoU with Caprihans India Ltd

Our institute signed MoU with Caprihans India Ltd., Nashik at Caprihans, Satpur on 14/06/2022. Principal Dr. K. N. Nandurkar and Shri. Manoj Deshmukh Plant Head Caprihans India Ltd, Nashik signed MoU on this occasion.

## ■ Wall painting by students



The wall painting is done by the students of our institute at various places. The First Year students took lot of efforts for the same and did the nice painting at two places of the institute.

## ■ Celebration of International Yoga Day



An international Yoga Day was celebrated on 21st June 2022. It was organized in association with Dy-Director Sport and Youth Service, Nashik region and Nashik District Patanjali Yog Samiti. Staff and students of the institute were present for practicing Yoga on this occasion.



International Yoga Day Celebration

## ■ Signing of MoU



MoU with WeGo Library Foundation

Institute signed anMoU with WeGo Library Foundation for building patent Ecosystem on 22nd June 2022. On this occasion Principal Dr. K. N. Nandurkar, Dr R. K. Munje (Head of Electrical Engineering department) and officials of WeGo Foundation were present.

## ■ Expert Lecture/Seminar/Courses/Workshop Conducted:

- Computer engineering department conducted "Supervisory Development Course" for the selected employees from Mahindra and Mahindra Ltd., Nashik - Training on "Computer Skills" on 19th June 2022. Prof. I. Priyadarshini and Prof. P. D. Rakibeof same department were expert for training. This is a part of training programme organised by Production Engineering Department of our institute for 'Self-Managed Team' (SMT) leaders of Mahindra & Mahindra Ltd. Nashik & Igatpuri. Total 105 SMT leaders from Nashik & Igatpuri Plant attended this training programme. The duration of this training program is from April 2022 to November 2022 and covers 14 subjects including 150 Hrs Theory sessions and 42 Hrs. of practical sessions. Total 22 faculty members from Production Engineering, Mechanical Engineering, MBA, and Computer Engineer taught various subjects.

## K.K. Wagh Education Society's
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### TECHNICAL NEWS LETTER : June - 2022

## ◼ Congratulations!!



Ms. Divya Tambat & Mr. Sharanya Datarange, second year student of Computer Engineering department secured consolation prize in Nashik Smart City Open Data Hackathon - 2022 with cash prize Rs. 3000/ along with certificate.

## ◼ Congratulations!!



The Best Outgoing Student Award for the year 2021-22 of the Institute is given to Ms. Dhanashree Bhor from BE Electrical on 1st June 2022 by the hands of Hon Chairman Shri Sameer Wagh and Principal Dr. K. N. Nandurkar.

## ◼ Congratulations!!



Mr. Dhikale Abhishek, Mr. Khose Hari, Miss. Hire Akshata & Miss. Suryawanshi Sakshi of Mechanical Engineering under the guidance of Dr. Matsagar Vilas K. secured first prize in "District Level Project Competition" organized by G.G.S.P, Nashik in association with DTE, RO Nashik.



17 Students of Civil Engineering department qualified MPSC 2019 Examination.

## ◼ Other Achievements

- Prof. Dr. Ajinkya Joshi, I/c Registrar of our Institute is selected in to Editorial board with the role of Associate Editor for Journal of Engineering Education Transformation.

## ◼ Abstracts of papers presented during June 2022

### Analyzing impact of single view and multi view big data based on clustering quality via K-Means technique

Prof. Satish S. Banait & Prof. Dr. S. S. Sane

(Paper published in Journal entitled Stochastic Modeling & Applications)

**Abstract:** IDue to the revolutionary advancements in the signal sensing devices and its availability to civilians, the realtime datasets are now having multiple views. Thus such a multi-view datasets are quite common in era of bigdata domain. As against learning of single-view, learning of multi-view has plenty of benefits. Clustering hasbeen very useful technique in machine learning and data mining. Traditional clustering techniques use onlysingle set of features of the available dataset. However for the multi-view dataset with multiple features, how to ensemble all of these data views is a major concern. Thus problem is termed as multi-view clustering problem. The key benefits of multi-view clustering against single view clustering are accurate description of data, reducing noises of data, and wider range of applications. This paper studies the impact multi view K-meansclustering available in mvlearn python package with the traditional K-means clustering technique. To assess theimpact of simple K-means technique and multi-view version of K-means technique, two datasets are utilizednamely, nutrimouse and simulated dataset. In order to analyze the impact of multi view clustering on clusteringquality, traditional k-means technique is applied to individual views, concatenated view of the both the datasets, followed by the application of multi-view version of K-means technique on the both the datasets. We analyzedthe clustering quality of multi-view K-means technique using various performance evaluation parameters suchas Jaccard Coefficient (Jacc), Fowlkes Mallows Index (FM), Normalized Mutual Information (NMI), RandIndex (RI), and clustering execution times.

**Keywords:** Multi-view dataset, Multi view clustering techniques, K-means, Jaccard Coefficient (Jacc), FowlkesMallows Index (FM), Normalized Mutual Information (NMI), Rand Index (RI)

Prof. Dr. K. N. Nandurkar
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