Department of Computer Engineering with specialization in Data Engineering

Data Is Plural

Data is new science Big Data holds the answer"
--Pat Gelsinger

"Every company has big data in its futureand every company will eventually be in the data business"
--Thomas Davenport

MARCH NEWSLETTER

2021 VOLUME 1

Designed by
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Prepared by
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Vidya Vikas Education Trust's
Universal College of Engineering
Near Bhajansons and Punyadham, Kaman Bhiwandi Road, Vasai, Palghar-401208.
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VISION

To build a learning and research environment in the field of Data Engineering that promotes learning towards betterment of the society.

Mission

To provide an academic environment for the development of profession in the field of Data Engineering.

To educate students in technology competencies by providing professionally committed faculty and staff.

To inculcate ethical values and leadership abilities in the students to work towards the progress of the society.

AREA OF STUDY IN DATA ENGINEERING

- *Introduction to Data Engineering*
- *Basic Language Requirement: Python*
- *Solid Knowledge of Operating Systems*
- *In-Depth Database Knowledge — SQL and NoSQL*
- *Data Warehousing — Hadoop, MapReduce, HIVE, PIG, Apache Spark, Kafka*
- *Basic Machine Learning Familiarity*

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WORKSHOP ON FIRE FIGHTING

Workshop on Fire fighting

Date: 3 rd March 2022

NSS unit of Universal College of Engineering had organized Firefighting Workshop on 3 rdMarch 2022 near admin area. conducted by Mr. Sachine Mahangare sir who is a Firefighting and safety officer in Universal Group. The Workshop explained types of fires, dos and don'ts of fire and basic safety measure. Speaker had provided a forum to help identify and understand the use of existing technologies for rescue and awareness tools such as powder and CO_2 Fireextinguisher. The hands on session were also conducted for students on how to use various

extinguishers.

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CONVOCATION CEREMONY OF BATCH 2020-21

Graduation is time of yearning for what's ahead and what's left behind....Universal College of Engineering Convocation Ceremony was conducted on 5th March 2021.Eminent guest were present for the event. Every department schedule was given accordinglyevent is conducted and students were awarded with Degree Certificate. Student Council of UCoEcoordinated whole event. They maintained discipline and code of conduct of this ceremony.

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| Women's day celebration | PAGE 5 |

WOMEN'S DAY CELEBRATION

Women development cell of UCoE had organized a Women's Day Celebration on 8 th March 2022.Female staff members including housekeeping, security, lab assistants, admin staff and student members
attended this celebration. Ms. Shahima Khan addressed gathering enlightening importance of women's day. Dr. J. B. Patil, Campus Director highlighted, appreciated and encouraged WDC members and all female staff for their valuable contribution in college growth. He highlighted that for academic year 2021-22 student council's General Secretary is Ms. Anushka Agarwal and female faculties leading departments, representing head positions in various committee which shows women empowerment at UCoE. Program was concluded with spot games,entertainment and snacks distribution.

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Honeywell valedictory	PAGE 6

Valedictory function of Honeywell CSR initiative AWS Academy Cloud foundation course
15 March 2022

Universal college of engineering conducted valedictory function for students who successfullycompleted AWS academy cloud foundation course by distributing T-shirt and Book. Total 96participants attended this event. UCoE established center of excellence(COE) for youthempowerment on 17 November 2021 under under the CSR initiative of Honeywell in associationwith ICT academy with the motto of Empowering Youth to ignite innovative skills amongStudents.The center of excellence(COE) is for skilling Youth in Advanced Technology, in demand in theindustry.The Curriculum delivered was mapped to Global Industry Standards. Provided GlobalCertifications to the youth trained.100 hours of activity based and hands on training was provided by Cloud professional trainers.

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The Certificate Program was fully sponsored by Honeywell and offered free of cost to the students. 4 FACULTY MENTORS, Mrs Vishakha Shelke, Mrs. Poonam Thakre, Mrs Rovina Dbritto , Mrs. Sanketi Raut coordinated the training programs for Batch 1 and Batch 2 .Students completed the training program in batches on Zoom platform, Batch 1: 10:30 to 1:30 Pm and Batch 2: 4 to 7 Pm. The training session included the training and hands on sessions, live interaction with trainer, question answer sessions. All the students who have successfullycompleted course have received the Certificate for AWS Academy Graduate- Cloud foundations. Campus director Dr. J.B Patil ,Dr. Jitendra Saturwar, Professor, head of computer dept,Mrs.Hezal Lopes, ICT Head distributed goodies to students.

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STUDENT CONTRIBUTION

Students of Second year engineering contributed in various cultural and sports events as volunteers. Momin Zikran and Pranav Bandiwadekar were volunteer for Chess. They supported faculty coordinators for smooth conduction of timebased matches and careful attention on the illegal moves by players. Mr. Nitesh Chaubey faculty head for chess , Mrs.Vishakha Shelke coordinator, appreciated Zikran and Pranav for their coordination.

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STUDENTS ACHIVEMENTS

Second year Data engineering students have actively participated in Aurora 2K22 sports and cultural events. They represented Data Engineering in Parade and jersey. Khushal Ghathalia student of SE Data Engineering designedthe following logo for T-shirt and Flag in Aurora 2K22.

Khushal Ghathalia

Data Engineering

Indoor Games :-Table Tennis
Winner: Kaustubh Kadam, SE Data Engineering
Indoor Games :-Chess
Winner:Pranav Bandiwadekar, SE Data Engineering

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| Faculty contribution | PAGE 10 |

Mrs. Vishakha Shelke , I/C Head of Data Engineering department have contributed for Syllabus Setting for ML, Deep Learning and Optimization in Deep Learning. She is currently pursuing her PhD in Computer Engineering from Ramrao Adik Institute of technology, D.Y Patil University, Navi Mumbai. She has 12 years of teaching experience. Her domain expertise is in Social media analytics, Big data mining, Machine learning and Deep Learning. As per the directives of Board of Studies, Computer Engineering, University of Mumbai she have been appointed as a Member for the revision of syllabus of Semester VIII (R-2019 & Scheme) for the following course. Subject: CSDO8021 Optimization in Machine Learning and CSL8031 Optimization in Machine Learning Lab . She actively participated in Meeting for Syllabus setting for ML, DL, Optimization in ML R2019 C on 11 th March 2022 at 11:00 am and Tuesday, 15th March 2022 at 6:30pm
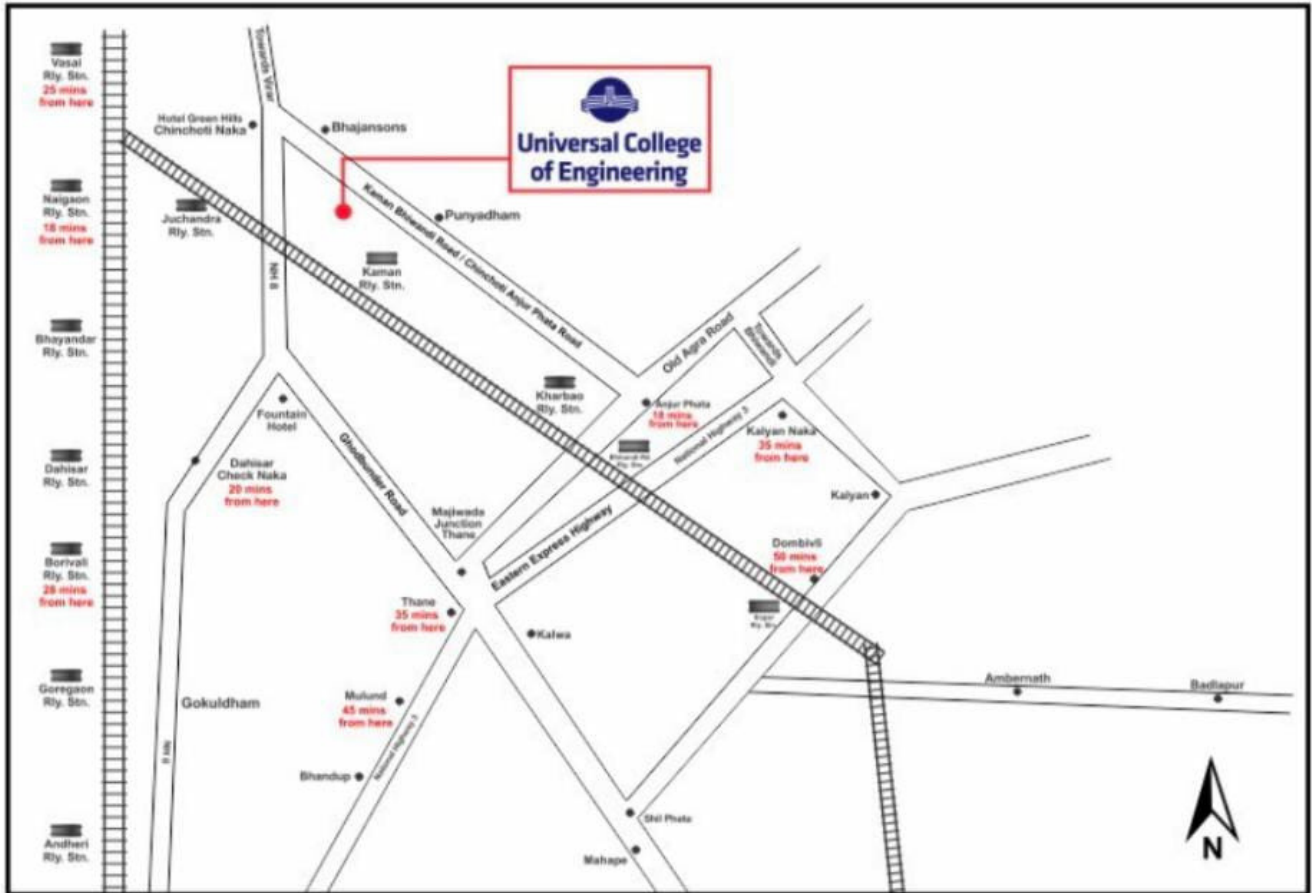
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Upcoming event VYRO	PAGE 11

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