

**Vidya Pratishthan's
Kamalnayan Bajaj Institute of Engineering and Technology, Baramati**


Department of Civil Engineering

Civil Engineering Student Association (CESA) organizing


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| Student induction program on “ARTIFICIAL INTELLIGENCE IN CIVIL ENGINEERING” |
| Date: 27/01/2021 Time 10:15 to 11:00 AM |
| Program duration : 10:15 am – 11:20 AM |
| Guest: Mr. Dinesh Zende, Assistant Professor, VPKBIET, Baramati |
| Faculty Coordinator: Ms. P. A. Bokey |
| <p>Introduction of Guest:</p> <ul style="list-style-type: none">• Dinesh Zende has obtained his B.E. in 2001 from Shivaji University, Kolhapur and M.E. in 2009 in Computer Science and Engineering from Walchand College of Engineering, Sangli.• He is associated with Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering and Technology, Baramati since 2001.• Dinesh Zende was Advisor for IEEE Bombay Section Symposium-2016 (IBSS-2016) and also chaired a session on Machine Learning, IBSS-2016 was held on 20th- 22nd December 2016 at VPKBIET, Baramati.• He has delivered an expert talk on 'Basics of Python Programming' in National Workshop on "Graph Theory and its applications" held at VPKBIET, Baramati in March 2016.• Dinesh Zende has participated and received certificate of excellence for outstanding performance in workshop on "Software Development for Engineers and Scientists" and as well as in "Database Management Systems" organized by MHRD and IIT, Bombay.• Dinesh Zende is working on a Sponsored Research project "Credit Card Fraud Detection using Data mining techniques", funded by B.C.U.D. Savitribai Phule Pune University, Pune.• He has also worked on a research project "Spyware Detection using Data mining and Maching learning approach" sponsored by Board of College and University Development, Savitribai Phule Pune University. He was also a Co-investigator for a research proposal on "Automatic counting of silkworm eggs using Image Processing" sponsored by University of Pune, |

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**Kamalnayan Bajaj Institute of Engineering and
Technology, Baramati**

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ED cell and
Civil Engineering Student Association (CESA) organizing
Student induction Program on
"Artificial Intelligence in Civil Engineering"




Resource Person
Mr. Dinesh Zende
Assistant Professor
VPKBIET, Baramati



Date: 27 January 2021, Wednesday
Time: 10.15 to 11:00 am

Live Stream through



Google Meet

Introduction By: Ms. P. A. Bokey
Vote of thanks by : Ms. P. A. Bokey
No. of students attended program: 66
Feedback received from the students: 47


Topics discussed by Guest:

1. Introduction of AI
2. Advantages of AI.
3. Applications of AI in Civil Engineering
4. Q & A session

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
Applications of AI




- Banking and Finance
- Transportation
- Manufacturing
- Retail
- Healthcare
- Recommendation Systems
- Space / Agriculture Research
- **And many more....**



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Dinesh Zende

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IEEE SENSORS JOURNAL, VOL. 20, NO. 5, MARCH 1, 20202035


A Machine Learning Approach to Road Surface Anomaly Assessment Using Smartphone Sensors

IEEE Access

Received February 25, 2020, accepted March 3, 2020, date of publication March 11, 2020, date of current version March 20, 2020.
Digital Object Identifier 10.1109/ACCESS.2020.2977963



MLLBC: A Machine Learning Toolbox for Modeling the Loss Rate of the Lining Bearing Capacity




SEN ZHANG^{1,2}, WANYIN WU³, ZHAO YANG⁴, XU LIN³, ZHIHUA REN¹, AND ZHIXIN YAN²



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Dinesh Zende

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