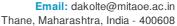


### JRGESH AJAY KOL

**B.E.** - Electronics Engineering (ETX) - MITAOE

Ph: +91-7208272372





#### **BRIEF OVERVIEW / CAREER OBJECTIVE / SUMMARY**

Strive to work in a challenging environment and aim to achieve the organization's goal alongside my personal positive growth. Flexible, Curious & Quick learner who is interested in learning new things. Leading & managing Events, Projects and Clubs across multiple domains.

#### KEY EXPERTISE / SKILLS

Internet of Things

Robotics

Management Skills Problem Solving Decision-Making

#### **EDUCATION**

Savitribai Phule Pune University

2017 - 2021

B.E. - Electronics Engineering (ETX) - MITAOE | CGPA: 8.05 / 10.00

Pace Junior Science College, Mumbai

2017

12th | MSBSHSE | Percentage: 78.62 / 100.00

D.A.V. Public School, Thane

2015

10th | CBSE | Percentage: 82.60 / 100.00

#### **INTERNSHIPS**

CopperCloud IoTech

Key Skills: Internet of Things Energy Design Strategy Scrum

June 15, 2020 - July 31, 2020

Deploying IoT Solution in hard-to-reach terrain, or where AC Power grid isn't easily available. The main outcome was to design a standalone solarpowered system. (Link: https://bit.ly/OffGrid\_Intern)

**Robotics Club, MITAOE** 

June 5, 2019 - July 20, 2019

Key Skills: Robotics Design for Manufacturing Problem Solving

- Developing working robust 'Floor Cleaning Robot' at a much cheaper rate
- · Manufacturing Campus Delivery Robot with mapping and pathfinding (Link: https://bit.ly/RoboticsMITAOE)

#### **PROJECTS**

Pick & Place Robot

Jan. 7, 2020 - April 15, 2020

Mentor: Prof. Shridhar Khandekar | Team Size: 3

Key Skills: Robotics Odometry Computer Vision Critical Thinking

Design a robot that can be used for picking and placing goods carrier in industries with the help of Computer Vision and Absolute Odometry. Identify and locate the coloured balls in a confined place using software like NI Vision, SolidWorks, LabVIEW & Arduino IDE. (Link: https://bit.ly/PicknPlace)

**Customizable Motor Driver** 

Sept. 15, 2019 - Dec. 10, 2019

Mentor: Prof. Shridhar Khandekar | Team Size: 2 Key Skills: Design Research Power Electronics

In this project, we have designed Motor Driver can be made available easily and be manufactured & customized in the lowest cost possible. We have used Proteus, Arduino IDE, Eagle PCB Designer as our helping Simulation software in our journey. (Link: https://bit.ly/MotorDriver)

**Quadruped Robot** 

Sept. 15, 2018 - April 24, 2019

Key Skills: Robotics Embedded C PCB Design Algorithms Problem Solving Analysis Critical Thinking Computing

Quadrupedal Robot (replicating 4 legged Robotic animal) where each leg is a 5-bar linkage mechanism, or as we name it the V-Leg. This particular orientation of legs helps in obtaining any type of gait for overcoming all the obstacles. Motors are connected with optical quadrature encoders with belt and timing pulley arrangement for the angular position of the crank. The desired position of the cranks are thus obtained from the given (X, Y) coordinates through derived inverse kinematic equations. (Link: https://bit.ly/Quadruped)

**Remotely Monitored IoT Service** 

Aug. 15, 2020

Key Skills: Internet of Things Energy Design Strategy Cloud

Deploying IoT Service in Remote location to monitor, analyze & share data wirelessly over the cloud web service to end-user. (Link: http://bit.ly/MajorP\_R1)

#### **ACHIEVEMENTS**

- National Robocon 2019 Stage 1: Rank 5
- RoboStrike Winner (TechnoVanza 2019, VJTI, Mumbai)
- RoboSumo Semi-Finalist (TechnoVanza 2019, VJTI, Mumbai)

#### ASSESSMENTS / CERTIFICATIONS

#### What is Data Science?

Authorized by IBM | Offered through Coursera (https://coursera.org/verify/6X9XT6JBB2RM)

#### **Development of Real-Time Systems**

Authorized by EIT Digital | Offered through Coursera (https://coursera.org/verify/XUHE7796YRVB)

#### **Broadband Technician**

Certified by BSNL RTTC under NSDC

#### **Introduction to Data Analytics for Business**

Authorized by University of Colorado Boulder | Offered through Coursera (https://coursera.org/verify/FUKHVJZZSUYQ)

#### **Python Data Structures**

Authorized by University of Michigan | Offered through Coursera (https://coursera.org/verify/D5MXWUAD9PXS)

#### **SQL** for Data Science

Authorized by University of California, Davis | Offered through Coursera (https://coursera.org/verify/69WC2RYDQSKU)

#### **Microsoft AI Classroom Series**

Certified by Microsoft in association with NASSCOM FutureSkills (https://bit.ly/MicrosoftAlseries)

#### **CO-CURRICULAR ACTIVITIES**

- Programming Head, Robotics Club, MITAOE
- Technical Coordinator, Student Council, MITAOE
- Chief T&P Coordinator, Corporate Relations, MITAOE

#### **EXTRA CURRICULAR ACTIVITIES**

- Content Writer & Curator, TEDxMITAOE '20
- Class Representative, Electronics Department, MITAOE
- Team Coordinator, Football & Table Tennis, Electronics Department, MITAOE
- Mentor, Digital Marketing Team, MITAOE

#### PERSONAL INTERESTS / HOBBIES

- Current Affairs
- Gaming & Sports
- Literature

#### **WEB LINKS**

• Other - https://bit.ly/DurgeshKolte\_Files

#### **AWARDS AND SCHOLARSHIPS**

- Departmental Merit Scholarship (10% Fees Waived)
- Maharashtra Government Scholarship (50% Fees Waived)

#### **PERSONAL DETAILS**

Gender: Male

Current Address: 104/20, Lily, Highland Annex, Thane(W), Thane,

Maharashtra, India - 400608

Emails: dakolte@mitaoe.ac.in , 17dk.durgesh@gmail.com

Date of Birth: May 13, 1999

Known Languages: English, Hindi, Marathi Phone Numbers: +91-7208272372

#### DURGESH AJAY KOLTE

#### YOGITA KOLTE / AJAY KOLTE

13/05/1998 13TH MAY NINETEEN HUNDRED NINETY NINE 06821-D A V PUBLIC SCHOOL BALKUM THANE WEST MR



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ser Upscaled Grade

QUALIFIED FOR ADMISSION TO HIGHER CLASSES

Controller of Francisco



## महाराष्ट्र राज्य माध्यमिक व उच्च माध्यमिक शिक्षण मंडळ, पुणे Maharashtra State Moard Of

Secondary and Higher Secondary Education, Plune

मुंबई विभागीय मंडळ / MUMBAI DIVISIONAL BOARD

उच्च माध्यमिक प्रमाणपत्र परीक्षा – गुणपत्रक HIGHER SECONDARY CERTIFICATE EXAMINATION - STATEMENT OF MARKS

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STREAM	SEAT NO.		DIST.& HR.SEC.SCHOOL NO.	SR.NO. OF STATEMENT	
SCIENCE	M092526			FEBRUARY-17	326759

उमेदवाराचे संपूर्ण नाव (आडनाव प्रथम) / CANDIDATE'S FULL NAME (SURNAME FIRST)

### Kolte Durgesh Ajay

उमेदवाराच्या आईचे नाव / CANDIDATE'S MOTHER'S NAME Yogita

विषयाचा सांकेतिक	क्रमांक व विषयाचे नाव	*माध्यम	कमाल गुण		प्राप्त गुण / Marks Obtained
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विभागीय सचिव/Divisional Secretary

MIT Academy of Engineering

No.: 00827

# MIT ACADEMY OF ENGINEERING (An Autonomous Institute Affiliated to Savitribai Phule Pune University) Dehu Phata, Alandi, Pune - 412 105



#### **GRADE CARD**

SEAT NO

F171181

PERM REG. NO. 0120170036

NAME OF STUDENT KOLTE DURGESH AJAY MOTHER NAME

PROGRAMME

YOGITA

BTECH YEAR FY BTECH ACADEMIC YEAR 2017 - 2018



CODE	COURSE NAME	CREDITS	GRADE
SEMESTER: 1			
AS101T	MATHEMATICS - I	MEERING 4 IT ACA	AA
AS101U	MATHEMATICS - I	MEERING THE ACA	AA
AS102L	PHYSICS OF ENGINEERING MIT ACADEMY OF ENGINEERING MIT ACADEMY OF ENGINEERING	NEERING INT ACA	AB
AS102T	PHYSICS OF ENGINEERING MIT ACADEMY OF ENGINEERING MIT ACADEMY OF ENGINEERING	MEERING 3 IT ACA	CC CONTRACT
EX101L	ELECTRICAL AND ELECTRONICS ENGINEERING	NEERING NIT ACA	AA
EX101T	ELECTRICAL AND ELECTRONICS ENGINEERING	MEERING SIT ACA	BC MGINES
HP101L	LANGUAGE AND COMMUNICATION - I	NEERING HIT AGA	AA
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AS104U	MATHEMATICS - II	MEERING WIT ACA	DEMY AA ENGINEE
CV101L	APPLIED MECHANICS	INEERING WIT ACA	DEMY AB ENGINEE
CV101T	APPLIED MECHANICS	INEERING SAIT ACA	DEMY BC ENGINEE
HP102L	LANGUAGE AND COMMUNICATION - II	INEERING MIT ACA	DEMY AA ENGINEE
HP102T	LANGUAGE AND COMMUNICATION - II	INEERING MIT ACA	AA ENGINEE
IT101L	COMPUTER PROGRAMMING	INEERING MIT ACA	DEMY AA ENGINEE
IT101T	COMPUTER PROGRAMMING	INEERING MIT ACA	DEMY AB ENGINE
ME103L	DESIGN THINKING	INEERING MIT AC	DEMY AA ENGINEE

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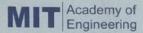
PLACE : PUNE DATE: 10 JUL 2018



**Controller of Examinations** 

Director

No.: 02981



### MIT ACADEMY OF ENGINEERING

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)
Dehu Phata, Alandi, Pune - 412 105



#### **GRADE CARD**

SEAT NO

S186003

PERM REG. NO. 0120170036

NAME OF STUDENT KOLTE DURGESH AJAY

MOTHER NAME PROGRAMME

BRANCH

YOGITA

**ELECTRONICS ENGINEERING** 

BTECH YEAR SY BTECH

**ACADEMIC YEAR 2018 - 2019** 



CODE	COURSE NAME CREDIT	S GRADE
SEMESTER: 3		
AS202L	APPLIED MATHEMATICS	AA
AS202T	APPLIED MATHEMATICS	ADEMY OF BC
CH201L	ENVIRONMENTAL SCIENCE	ADEMY OF AA INEE
CH201T	ENVIRONMENTAL SCIENCE	CADEMY OF ABIME
ET201L	SYSTEM ENGINEERING	ADEMY OF AA INEE
ET201T	SYSTEM ENGINEERING 3	DD DD
ET202L	ANALOG ELECTRONICS	CADEMY OF AB INEE
ET202T	ANALOG ELECTRONICS 3	CADEMY OF BC
ET206L	PROTOTYPING Engineering 2	CADEMY OF AB
EX202L	APPLIED DIGITAL CIRCUITS ING MIT ACADEMY OF ENGINEERING MIT 1	CADEMY OF AA NEE
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EX211L	ANALOG AND DIGITAL COMMUNICATION 1	DD DD
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CURRENT	SEMESTER PERFORM	IANCE	CUM	ULATIVE PERFORMAN	CEOFENG
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21	136	6.48	HIT ACADEMY OF E	EINE HARRIST HARRIST	MY OF ENG

PLACE : PUNE DATE: 08 JUL 2019

Controller of Examinations

Director

### MIT ACADEMY OF ENGINEERING (AN AUTONOMOUS INSTITUTE AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVERSITY)

TY BTECH 2019 - 2020 (REGULAR)

DATE: 04 JUL 2020

C.G.P.A.: 8.05

SEAT NO., NAME OF THE CANDIDATE, MOTHER'S NAME, PERMANENT REG. NO. NOTE: FIRST LINE: OTHER LINES: COURSE.CODE, COURSE.NAME, EARNED CREDITS, EARNED GRADE EARNED GRADE POINTS T196003 KOLTE DURGESH AJAY YOGITA 0120170036 EX321L REAL TIME OPERATING SYSTEM ET301L CONTROL SYSTEMS 10 AA AA 10 ET301T CONTROL SYSTEMS cc 18 EX321T REAL TIME OPERATING SYSTEM 20 EX322L DIGITAL SIGNAL PROCESSING AA ET304L GRAPHICAL PROGRAMMING - LAB VIEW AA 2 10 EX301L EMBEDDED SYSTEM DESIGN AA 10 EX322T DIGITAL SIGNAL PROCESSING 3 AA 30 3 15 EX323L POWER ELECTRONICS AND APPLICATION EX301T EMBEDDED SYSTEM DESIGN CD 1 AA 10 EX303L COMPUTER NETWORK AA 10 EX323T POWER ELECTRONICS AND APPLICATION 3 AB 27 EX324L MINI PROJECT
EX331L KINEMATICS AND DYNAMICS OF ROBOTICS EX303T COMPUTER NETWORK 3 BC 21 AB 2 18 EX311L FUNDAMENTALS OF ROBOTICS AB 09 AA 10 EX311T FUNDAMENTALS OF ROBOTICS BC 21 EX331T KINEMATICS AND DYNAMICS OF ROBOTICS 3 3 BB 24 BC 14 HP301T PROJECT MANAGEMENT 2 HP302L PROFESSIONAL SKILLS 2 AA 20 09 HP303L BASICS OF ENTREPRENEURSHIP 1 AB TOTAL CREDITS REGISTERED: 21 TOTAL CREDITS EARNED: 21 TOTAL CREDITS REGISTERED: 20 TOTAL CREDITS EARNED: 20 TOTAL GRADE POINTS EARNED:157 S.G.P.A.: 7.48 TOTAL GRADE POINTS EARNED:189 S.G.P.A.: 9.45

PAGE NO. 143



### भारत सरकार GOVERNMENT OF INDIA



दुर्गेश अजय कोलते Durgesh Ajay Kolte

वडील: अजय दामोदर कोलते

Father : Ajay Damodar Kolte जन्म वर्ष / Year of Birth : 1999

पुरुष / Male



5771 8330 7454

## आधार — सामान्य माणसाचा अधिकार



### भारतीय विशिष्ट ओळख प्राधिकरण UNIQUE IDENTIFICATION AUTHORITY OF INDIA

पत्ता बी. नं.-20, बी.एफ़.1,फ्लॅट नं.-104,, बाळकुंभ ढोकाळी रोड, संगम मेडिकल स्टोर्स जवळ, ठाणे पश्चिम, ठाणे, बालकुम, महाराष्ट्र, 400608 Address: B.No-20, B.F.1, Flat No-104,, Balkumbh Dhokali Road, Near Sangam Medical Stores, Thane West, Thane, Balkum, Maharashtra, 400608



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