



DURGESH AJAY KOLTE
B.E. - Electronics Engineering (ETX) - MITAOE
Ph: +91-7208272372
Email: dakolte@mitaoe.ac.in
Thane, Maharashtra, India - 400608



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 Programming

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

June 15, 2020 - July 31, 2020

Key Skills: Internet of Things Energy Design Strategy Scrum

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 solar-powered 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) co-ordinates through derived inverse kinematic equations. (Link: <https://bit.ly/Quadruped>)

Remotely Monitored IoT Service

Aug. 15, 2020

Mentor: Prof. Vaishali Katkar | **Team Size:** 2

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/MicrosoftAIseries>)

AWS Academy Cloud Foundations

Certified by Amazon through AWS Academy (http://bit.ly/AWS_Vin)

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
- Student Brand Ambassador, eArth Samvarta Foundation

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

परिसर निदेशक
Controller of Examinations



महाराष्ट्र राज्य माध्यमिक व उच्च माध्यमिक शिक्षण मंडळ, पुणे
Maharashtra State Board Of
Secondary and Higher Secondary Education, Pune

मुंबई विभागीय मंडळ / MUMBAI DIVISIONAL BOARD

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

शाखा STREAM	आसन क्रमांक SEAT NO.	केन्द्र क्रमांक CENTRE NO.	जिल्हा व उच्च, माध्य, शाळा क्रमांक DIST. & HR. SEC. SCHOOL NO.	परीक्षेचा महिना व वर्ष MONTH & YEAR OF EXAM.	गुणपत्रकेचा अनुक्रमांक SR. NO. OF STATEMENT
SCIENCE	M092526	4178	33.05.022	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 Subject Code No. and Subject Name	* माध्यम Medium	कमाल गुण Max. Marks	प्राप्त गुण / Marks Obtained	
			अंकात In Figures	अक्षरात / In Words
01 ENGLISH	ENG	100	073	SEVENTYTHREE
40 MATHEMATICS & STATISTICS	ENG	100	074	SEVENTYFOUR
54 PHYSICS	ENG	100	071	SEVENTYONE
55 CHEMISTRY	ENG	100	054	FIFTYFOUR
A1 ELECTRICAL MAINTENANCE	ENG	200	190	ONE HUNDRED AND NINETY
31 ENVIRONMENT EDUCATION	ENG	050	049	FORTYNINE
30 HEALTH & PHYSICAL EDUCATION (GRADE)	A			
Result / निकाल PASS	Percentage / टक्केवारी 78.62	एकूण गुण / Total Marks 650	511	FIVE HUNDRED AND ELEVEN

H174326759



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(Signature)

महत्वाचे, टीप, आरोग्य व शारीरिक शिक्षण विषयातील श्रेणी
आणि चिन्हांची माहिती यांचा तपशील मागील पृष्ठावर पहावा.
See overleaf for important, Notes, Grades in Health &
Physical Education Subject and meaning of special
characters.

विभागीय सचिव/Divisional Secretary



GRADE CARD

SEAT NO F171181 PERM REG. NO. 0120170036
 NAME OF STUDENT KOLTE DURGESH AJAY
 MOTHER NAME YOGITA
 PROGRAMME BTech YEAR FY BTech ACADEMIC YEAR 2017 - 2018



CODE	COURSE NAME	CREDITS	GRADE
SEMESTER: 1			
AS101T	MATHEMATICS - I	4	AA
AS101U	MATHEMATICS - I	1	AA
AS102L	PHYSICS	1	AB
AS102T	PHYSICS	3	CC
EX101L	ELECTRICAL AND ELECTRONICS ENGINEERING	1	AA
EX101T	ELECTRICAL AND ELECTRONICS ENGINEERING	3	BC
HP101L	LANGUAGE AND COMMUNICATION - I	1	AA
HP101T	LANGUAGE AND COMMUNICATION - I	1	BB
ME101L	ENGINEERING GRAPHICS	2	AA
ME101T	ENGINEERING GRAPHICS	2	AB
ME102L	EXPERIMENTAL TOOLS AND TECHNIQUES	2	AB
SEMESTER: 2			
AS103L	CHEMISTRY	1	AA
AS103T	CHEMISTRY	3	CC
AS104T	MATHEMATICS - II	4	BC
AS104U	MATHEMATICS - II	1	AA
CV101L	APPLIED MECHANICS	1	AB
CV101T	APPLIED MECHANICS	3	BC
HP102L	LANGUAGE AND COMMUNICATION - II	1	AA
HP102T	LANGUAGE AND COMMUNICATION - II	1	AA
IT101L	COMPUTER PROGRAMMING	2	AA
IT101T	COMPUTER PROGRAMMING	2	AB
ME103L	DESIGN THINKING	2	AA

CURRENT SEMESTER PERFORMANCE			CUMULATIVE PERFORMANCE		
CREDITS	GRADE POINTS	SGPA	CREDITS	GRADE POINTS	CGPA
21	174	8.29	42	196	8.48

PLACE : PUNE
 DATE : 10 JUL 2018



[Signature]
 Controller of Examinations

[Signature]
 Director

No. : 02981

MIT Academy of Engineering**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 YOGITA

PROGRAMME BTECH YEAR SY BTECH ACADEMIC YEAR 2018 - 2019

BRANCH ELECTRONICS ENGINEERING



CODE	COURSE NAME	CREDITS	GRADE
SEMESTER: 3			
AS202L	APPLIED MATHEMATICS	1	AA
AS202T	APPLIED MATHEMATICS	3	BC
CH201L	ENVIRONMENTAL SCIENCE	1	AA
CH201T	ENVIRONMENTAL SCIENCE	2	AB
ET201L	SYSTEM ENGINEERING	1	AA
ET201T	SYSTEM ENGINEERING	3	DD
ET202L	ANALOG ELECTRONICS	1	AB
ET202T	ANALOG ELECTRONICS	3	BC
ET206L	PROTOTYPING	2	AB
EX202L	APPLIED DIGITAL CIRCUITS	1	AA
EX202T	APPLIED DIGITAL CIRCUITS	3	AB
SEMESTER: 4			
EX211L	ANALOG AND DIGITAL COMMUNICATION	1	AB
EX211T	ANALOG AND DIGITAL COMMUNICATION	3	DD
EX212L	CIRCUIT THEORY	1	AB
EX212T	CIRCUIT THEORY	3	CC
EX213L	MINOR PROJECT	2	AA
HP201T	PSYCHOLOGY	3	DD
IT201L	ENGINEERING INFORMATICS	1	AA
IT201T	ENGINEERING INFORMATICS	3	CC
ME201L	MATERIAL ENGINEERING	1	AA
ME201T	MATERIAL ENGINEERING	3	CC

CURRENT SEMESTER PERFORMANCE			CUMULATIVE PERFORMANCE		
CREDITS	GRADE POINTS	SGPA	CREDITS	GRADE POINTS	CGPA
21	136	6.48	84	658	7.84

PLACE : PUNE
DATE : 08 JUL 2019



[Signature]
Controller of Examinations

[Signature]
Director

DATE: 04 JUL 2020

TY BTECH 2019 - 2020 (REGULAR)

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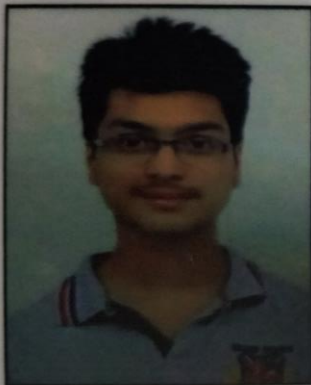
NOTE: FIRST LINE : OTHER LINES:	SEAT NO., COURSE.CODE,	NAME OF THE CANDIDATE, COURSE.NAME,	MOTHER'S NAME, EARNED CREDITS,	PERMANENT REG. NO. EARNED GRADE	EARNED GRADE POINTS
T196003	KOLTE DURGESH AJAY	YOGITA	0120170036		
SEMESTER - V			SEMESTER - VI		
ET301L	CONTROL SYSTEMS	1	AA	10	EX321L REAL TIME OPERATING SYSTEM 1 AA 10
ET301T	CONTROL SYSTEMS	3	CC	18	EX321T REAL TIME OPERATING SYSTEM 3 AA 30
ET304L	GRAPHICAL PROGRAMMING - LAB VIEW	2	AA	20	EX322L DIGITAL SIGNAL PROCESSING 1 AA 10
EX301L	EMBEDDED SYSTEM DESIGN	1	AA	10	EX322T DIGITAL SIGNAL PROCESSING 3 AA 30
EX301T	EMBEDDED SYSTEM DESIGN	3	CD	15	EX323L POWER ELECTRONICS AND APPLICATION 1 AA 10
EX303L	COMPUTER NETWORK	1	AA	10	EX323T POWER ELECTRONICS AND APPLICATION 3 AB 27
EX303T	COMPUTER NETWORK	3	BC	21	EX324L MINI PROJECT 2 AB 18
EX311L	FUNDAMENTALS OF ROBOTICS	1	AB	09	EX331L KINEMATICS AND DYNAMICS OF ROBOTICS 1 AA 10
EX311T	FUNDAMENTALS OF ROBOTICS	3	BC	21	EX331T KINEMATICS AND DYNAMICS OF ROBOTICS 3 BB 24
HP301T	PROJECT MANAGEMENT	2	BC	14	HP302L PROFESSIONAL SKILLS 2 AA 20
HP303L	BASICS OF ENTREPRENEURSHIP	1	AB	09	
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	
C.G.P.A.: 8.05					

MIT

Academy of Engineering

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PRN: 0120170036

Name: DURGESH AJAY KOLTE

Degree: B.Tech

Branch: Electronics Engineering

Date of Birth: 13-05-1999

Blood Group: A +ve

Gender: Male


Director

Permanent Address:

104/20 LILY HIGHLAND ANNEX, DHOKALI ROAD,,THANE
(W),THANE,THANE,MAHARASHTRA,400608

Contact No.: 7208272372

Emergency Contact: 9320686928

I-Card Issued Year: 2017-2018

Aadhar Card No.: 577183307454

Rules and Regulations:

1. Student must always carry this Smart I-Card & present it when asked by Authorities.
2. If this card is lost, new I card will be issued on payment of Rs.200.00
3. Misuse of this card is punishable offense.
4. This card will be valid till end of course.



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



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