



Yashoda Shikshan Prasarak Mandal's

**YASHODA TECHNICAL CAMPUS, SATARA**

NH-4, Wadhe Phata, Satara. Tele Fax- 02162-271238/39/40

Website- [www.yes.edu.in](http://www.yes.edu.in), Email-[registrar\\_ytc@yes.edu.in](mailto:registrar_ytc@yes.edu.in)

Approved by AICTE / PCI New Delhi, Govt. of Maharashtra (DTE, Mumbai)

Affiliated to DBATU Lonere & Shivaji University, Kolhapur/ MSBTE, Mumbai.

**Institute Code – 6757**

**Prof. Dasharath Sagare**  
Founder, President

**Prof. Ajinkya Sagare**  
Vice-President

**Dr. Vivekkumar Redasani**  
Director

1.2.1 - Number of Programmes in which Choice Based CreditSystem (CBCS)/ elective course system has been implemented

## INDEX

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1.2.1	Number of Programmes in which CBCS/ Elective course system implemented	Year(2022-23)
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## Curriculum for Second Year

Semester III										
Course Category	Course Code	Course Title	Teaching Scheme			Evaluation Scheme				Credit
			L	T	P	CA	MSE	ESE	Total	
BSC	BTBS301	Engineering Mathematics – III	3	1	-	20	20	60	100	4
PCC 1	BTETC302	Electronic Devices & Circuits	3	1	-	20	20	60	100	4
PCC 2	BTETC303	Digital Electronics	3	1	-	20	20	60	100	4
ESC	BTES304	Electrical Machines and Instruments	3	1	-	20	20	60	100	4
LC	BTETL305	Electronic Devices & Circuits Lab	-	-	2	60	-	40	100	1
LC	BTETL306	Digital Electronics Lab	-	-	2	60	-	40	100	1
Seminar	BTETS307	Seminar I	-	-	4	60	-	40	100	2
Internship	BTES211P	Internship – 1 Evaluation	-	-	-	-	-	-	-	Audit
<b>Total</b>			<b>12</b>	<b>4</b>	<b>8</b>	<b>260</b>	<b>80</b>	<b>360</b>	<b>700</b>	<b>20</b>
Semester IV										
Course Category	Course Code	Course Title	Teaching Scheme			Evaluation Scheme				Credit
			L	T	P	CA	MSE	ESE	Total	
PCC 3	BTETC401	Network Theory	3	1	-	20	20	60	100	4
PCC 4	BTETC402	Signals and Systems	3	1	-	20	20	60	100	4
HSSMC	BTHM403	Basic Human Rights	3	-	-	20	20	60	100	3
BSC	BTBS404	Probability Theory and Random Processes	3	-	-	20	20	60	100	3
PEC 1	BTETPE405	(A) Numerical Methods and Computer Programming	3	1	-	20	20	60	100	4
		(B) Data Compression & Encryption								
		(C) Computer Organization and Architecture								
		(D) Introduction to MEMS								
		(E) Python Programming								
LC	BTETL406	Network Theory Lab & Signals and Systems Lab	-	-	4	60	-	40	100	2
Seminar	BTETS407	Seminar II	-	-	4	60	-	40	100	2
Internship	BTETP408 (Internship – 2)	Field Training /Internship/Industrial Training (minimum of 4 weeks which can be completed partially in third semester and fourth semester or in at onetime).	-	-	-	-	-	-	-	Audit (evaluation will be in V Sem.)
<b>Total</b>			<b>15</b>	<b>3</b>	<b>8</b>	<b>220</b>	<b>100</b>	<b>380</b>	<b>700</b>	<b>22</b>

BSC = Basic Science Course, ESC = Engineering Science Course, PCC = Professional Core Course  
 PEC = Professional Elective Course, OEC = Open Elective Course, LC = Laboratory Course  
 HSSMC = Humanities and Social Science including Management Courses



## Curriculum for Third Year

### Semester V

Course Category	Course Code	Course Title	Teaching Scheme			Evaluation Scheme				Credit
			L	T	P	CA	MSE	ESE	Total	
PCC 5	BTETC501	Electromagnetic Field Theory	3	1	-	20	20	60	100	4
PCC 6	BTETC502	Digital Signal Processing	3	1	-	20	20	60	100	4
PCC 7	BTETC503	Analog Communication	3	1	-	20	20	60	100	4
PEC 2	BTETPE504	Group A	3	1	-	20	20	60	100	4
OEC 1	BTETOE505	Group B	3	1	-	20	20	60	100	4
LC	BTETL506	Digital Signal Processing Lab & Analog Communication Lab	-	-	4	60	-	40	100	2
Project	BTETM507	Mini Project – 1	-	-	4	60	-	40	100	2
Internship	BTETP408	Internship – 2 Evaluation	-	-	-	-	-	-	-	Audit
<b>Total</b>			<b>15</b>	<b>5</b>	<b>8</b>	<b>220</b>	<b>100</b>	<b>380</b>	<b>700</b>	<b>24</b>

### Semester VI

Course Category	Course Code	Course Title	Teaching Scheme			Evaluation Scheme				Credit
			L	T	P	CA	MSE	ESE	Total	
PCC 8	BTETC601	Antennas and Wave Propagation	3	1	-	20	20	60	100	4
PCC 9	BTETC602	Digital Communication	3	1	-	20	20	60	100	4
PEC 3	BTETPE603	Group A	3	1	-	20	20	60	100	4
OEC 2	BTETOE604	Group B	3	1	-	20	20	60	100	4
HSSMC	BTHM605	Employability and Skill Development	3	-	-	20	20	60	100	3
LC	BTETL606	Digital Communication Lab & Professional Elective Course 3 Lab	-	-	4	60	-	40	100	2
Project	BTETM607	Mini Project – 2	-	-	4	60	-	40	100	2
Internship	BTETP608 (Internship – 3)	Field Training / Internship/Industrial Training (minimum of 4 weeks which can be completed partially in third semester and fourth semester or in at one time).	-	-	-	-	-	-	-	Audit (evaluation will be in VII Sem.)
<b>Total</b>			<b>15</b>	<b>4</b>	<b>8</b>	<b>220</b>	<b>100</b>	<b>380</b>	<b>700</b>	<b>23</b>

BSC = Basic Science Course, ESC = Engineering Science Course, PCC = Professional Core Course  
 PEC = Professional Elective Course, OEC = Open Elective Course,  
 LC = Laboratory Course HSSMC = Humanities and Social Science including Management Courses.



**Semester V**

<b>BTETPE504 Program Elective 2 (Group A)</b>	<b>BTETOE505 Open Elective 1 (Group B)</b>
(A) Analog Circuits	(A) Control System Engineering
(B) Embedded System Design	(B) Artificial Intelligence and Machine learning
(C) Digital System Design	(C) Optimization Techniques
(D) Automotive Electronics	(D) Project Management and Operation Research
(E) Mixed Signal Design	(E) Augmented, Virtual and Mixed Reality
(F) Power Electronics	(F) Open Source Technologies

**Semester VI**

<b>BTETPE603 Program Elective 3 (Group A)</b>	<b>BTETOE604 Open Elective 2 (Group B)</b>
(A) Microprocessors and Microcontrollers	(A) IoT and Industry 4.0
(B) CMOS Design	(B) Deep Learning
(C) Nano Electronics	(C) Computer Network
(D) Advanced Digital Signal Processing	(D) Industrial Drives and Control
(E) Information Theory and Coding	(E) Robotics Design
(F) VLSI Signal Processing	(F) Patents and IPR
(G) VLSI Design & Technology	(G) Acoustic Engineering



**Dr. Babasaheb Ambedkar Technological University, Lonere.**

**B. Tech (Electronics & Telecommunication Engineering)  
Proposed Curriculum for Semester VII [Final Year]**

Sr. No.	Course Code	Type of Course	Course Title	Hours Per Week			Evaluation Scheme			Total Marks	Credits
				L	T	P	MSE	CA	ESE		
1	BTETC701	Professional Core Course 1	Digital Communication	3	0	0	20	20	60	100	3
2	BTETPE702	Program Elective 3	Group A	3	0	0	20	20	60	100	3
3	BTETPE703	Program Elective 4	Group B	3	0	0	20	20	60	100	3
4	BTETPE704	Program Elective 5	Group C	3	0	0	20	20	60	100	3
5	BTHM705	Humanities & Social Science including Management Courses	Financial Management	2	0	0	20	20	60	100	2
6	BTETL706	Program Elective 3 Lab		0	0	2	--	30	20	50	1
7	BTETL707	Program Elective 4 Lab		0	0	2	--	30	20	50	1
8	BTETL708	Program Elective 5 Lab		0	0	2	--	30	20	50	1
9	BTETP709	Project Part I		0	0	8	--	50	50	100	4
10	BTETF611	Field Training/ Internship/Industrial Training Evaluation		--	--	--	--	--	50	50	1
<b>Total</b>				<b>14</b>	<b>0</b>	<b>14</b>	<b>100</b>	<b>240</b>	<b>460</b>	<b>800</b>	<b>22</b>



Dr. Babasaheb Ambedkar Technological University, Lonere.

Program Elective - 3 (Group A)	Program Elective -4 (Group B)	Program Elective- 5 (Group C)
(A) Microwave Theory & Techniques	(A) Embedded System Design	(A) Consumer Electronics
(B) RF Circuit Design	(B) Artificial Intelligence Deep learning	(B) Analog Integrated Circuit Design
(C) Satellite Communication	(C) VLSI Design & Technology	(C) Soft Computing
(D) Fiber Optic Communication	(D) Data Compression & Encryption	(D) Advance Industrial Automation-1
(E) Wireless Sensor Networks	(E) Big Data Analytics	(E) Mechatronics
(F) Mobile Computing	(F) Cyber Security	(F) Electronics in Smart City



1.2.1 Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system ]

Programme Code	Programme name	Year of Introduction	Status of implemetation of CBCS / elective course system (Yes/No)	Year of implemetation of CBCS / elective course system	Link to the relevant document
675737210	E&TC	Second Year	Yes	2021-22	<a href="https://dbatu.ac.in/extc-and-allied-branches/">https://dbatu.ac.in/extc-and-allied-branches/</a>
675737210	E&TC	Third Year	Yes	2022-23	<a href="https://dbatu.ac.in/extc-and-allied-branches/">https://dbatu.ac.in/extc-and-allied-branches/</a>
675737210	E&TC	Final Year	Yes	2020-21	<a href="https://dbatu.ac.in/extc-and-allied-branches/">https://dbatu.ac.in/extc-and-allied-branches/</a>



1.1 Number of courses offered by the Institution across all programs during the year

Program code	Program Name	Course code	Course Name	Year of introduction	
675737210	E&TC	BTBS301	Engineering Mathematics – III	2021-22	
		BTETC302	Electronic Devices & Circuits		
		BTETC303	Digital Electronics		
		BTES304	Electrical Machines and Instruments		
		BTETL305	Electronic Devices & Circuits Lab		
		BTETL306	Digital Electronics Lab		
		BTETS307	Seminar I		
		BTES211P	Internship – 1 Evaluation		
		BTETC401	Network Theory		
		BTETC402	Signals and Systems		
		BTHM403	Basic Human Rights		
		BTBS404	Probability Theory and Random Processes		
		BTETPE405	(A) Numerical Methods and Computer Programming		
			(B) Data Compression & Encryption		
			(C) Computer Organization and Architecture		
			(D) Introduction to MEMS		
			(E) Python Programming		
		BTETL406	Network Theory Lab & Signals and Systems Lab		
		BTETS407	Seminar II		
		BTETP408 (Internship – 2)	Field Training /Internship/Industrial Training (minimum of 4 weeks which can be completed partially in third semester and fourth semester or in at onetime).		
		BTETC501	Electromagnetic Field Theory		2022-23
		BTETC502	Digital Signal Processing		
		BTETC503	Analog Communication		
		BTETPE504	Group A		
		BTETOE505	Group B		
		BTETL506	Digital Signal Processing Lab & Analog Communication Lab		
		BTETM507	Mini Project – 1		
BTETP408	Internship – 2 Evaluation				
BTETC601	Antennas and Wave Propagation				
BTETC602	Digital Communication				
BTETPE603	Group A				
BTETOE604	Group B				
BTHM605	Employability and Skill Development				
BTETL606	Digital Communication Lab & Professional Elective Course 3 Lab				
BTETM607	Mini Project – 2				
BTETP608(Inter nship – 3)	Field Training / Internship/Industrial Training (minimum of 4 weeks which can be completed partially in third semester and fourth semester or in at one time).				
BTETC701	Digital Communication	2018-19			
BTETPE702	Satellite Communication				
BTETPE703	Embedded System Design				
BTETPE704	Mechatronics				
BTHM705	Humanities & Social Science including Management Courses				
BTETL706	Program Elective 3 Lab				
BTETL707	Program Elective 4 Lab				
BTETL708	Program Elective 5 Lab				

	BTETP709	Project Part I	
	BTETF611	Field Training/ Internship/Industrial Training	
		Introduction to Internet of Things	
		<input type="checkbox"/> Computer Vision and Image Processing	
		<input type="checkbox"/> Biomedical Signal Processing	
		<input type="checkbox"/> Industrial Automation and Control	
		<input type="checkbox"/> Cryptography and Network Security	
		<input type="checkbox"/> Digital IC Design	
	BTMEP803	BTMEP803 Project Part-II	



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**PRATHAMESH SANTOSH BIRAMANE**

for successfully completing the course

## Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **64** %

Online Assignments	20.78/25	Proctored Exam	42.86/75
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Total number of candidates certified in this course: **7689**

Jan-Apr 2023

(12 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS52S34600294

To validate the certificate



No. of credits recommended: 3 or 4



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SURAJ DILIP GARDI**

for successfully completing the course

## Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **56** %

Online Assignments	24.35/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: **7689**

Jan-Apr 2023

(12 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS52S24480299

To validate the certificate



No. of credits recommended: 3 or 4

1.2.3 Students enrolled in subject related Certificate/diploma/Add-on programs (MCA)

Years	Course	Name of certificate Add-on Program	Total number of students enrolled in certificate or diploma or Add-on programs	Total number of students across all programs
2022-23	MCA-II	Infosys online certification	68	57 student got Certification



MCA HOD  
M. D. D.

YSPM's YASHODA TECHNICAL CAMPUS, SATARA  
FACULTY OF MCA

YASHODA SHIKSHAN PRASARAK MANDAL'S  
YASHODA TECHNICAL CAMPUS, WADHE SATARA.  
FACULTY OF MCA (2022-2023)  
MCA-II (SEM-III)  
MOOC Certificate Submission Report

Date: - / /2022

Day-

Sr. No.	Student Name	Date of Application	Finish/ Submission Date	Durati on	Subject	SIGN
1	BAGWAN SANA RAFIK	20/9/22	3/11/22	4week	Into. to AI	<i>[Signature]</i>
2	BHANDARI MANSI V					
3	BHINGARDEVE PRIYANKA.S	25/10/22	26/11/22	4week	Basics of Python	<i>[Signature]</i>
4	BORATE MADHUR ANIL					
5	CHOUKULE SHIVANI VIJAS	20/9/22	5/11/22	4week	Machine learning	<i>[Signature]</i>
6	DESAI HARSHADA SHRIKANT	28/10/22	11/11/2022	4week	Basic of python	<i>[Signature]</i>
7	DESHMUKH RUTUJA .S	30/10/22	24/11/22	4week	Basic of Python	<i>[Signature]</i>
8	DEVADE OMKAR NAMDH.V					
9	DHAGE SHUBHAM SADASHIV	20/10/22	21/10/22	4week	Basic of Python	<i>[Signature]</i>
10	GANDALWAR SUSHANT. M	6/10/22	6/11/22	4week	Introduction on Python	<i>[Signature]</i>
11	GAVALI VIKAS .C					
12	GHADAGE SHIVANI RAMESH	6/10/2022	8/11/2022	4Week	Basic of python	<i>[Signature]</i>
13	GHADGE PRAJKTA .M	25/10/2022	26/11/2022	4week	Basic of python	<i>[Signature]</i>
14	GOTE RUTUJA VISHNU	4/10/2022	6/11/2022	4week	Basic of python	<i>[Signature]</i>
15	GUND DATTATRAY APPARAO	27/09/2022	04/11/2022	4week	Basic of python	<i>[Signature]</i>
16	GUNJANE SAYALI DILIP	9/10/202	9/12/2022	4week	Introduction to AI	<i>[Signature]</i>
17	JADHAV AJAY ANIL	26/09/2022	31/10/2022	4 week	Into. to AI	<i>[Signature]</i>
18	JADHAV AKSHAY ARJUN	4/10/2022	4/11/2022	4week	Intro. to , AI	<i>[Signature]</i>
19	JADHAV ARATI MARUTI	25/07-22	19-8-2022	4 week	Python For Data science	<i>[Signature]</i>
20	JADHAV SNEHA SANJAY	28/09/2022	04/11/2022	4week	Java Programming fundamentals	<i>[Signature]</i>
21	JADHAV VRUSHALI DILIP	28/09/2022	4/11/2022	4week	Basic of Python	<i>[Signature]</i>
22	JOSHI SWAPNALI RAVINDRA	6/10/2022	7/11/2022	4week	Basic of python	<i>[Signature]</i>
23	KADAM KAJAL VILAS	26/09/2022	07/11/2022	4week	Basic of Python	<i>[Signature]</i>
24	KADAM PRATIKSHA.N	28/09/2022	4/11/2022	4week	Artificial Introduction to AI	<i>[Signature]</i>
25	KARCHIE RUSHIKESH.S	10/10/2022	24/11/2022	4week	Intro to A.I	<i>[Signature]</i>
26	KASURDE ARATI SUNIL	20/09/2022	6/11/2022	4 week	basics of python	<i>[Signature]</i>
27	KHOT SAGAR NARAYAN	20/09/2022	3/11/2022	4week	Into of AI	<i>[Signature]</i>
28	KORE PRATIK PRAKASH	1-10-2022	11-11-22	4week	Introduction to A.I	<i>[Signature]</i>
29	LOHAR MAYURESH JAYWANT	5/10/2022	07/11/2022	4week	Basics of Python	<i>[Signature]</i>
30	LOKHANDE VIJAY BALU	26/09/2022	26/11/2022	4week	Artificial Intelligence.	<i>[Signature]</i>



31	MAHADIK PRATIKSHA SUNIL	10/10/2022	24/11/2022	4 Week	Basic of Python	Brahmote
32	MALI GURUDAS RAMDAS					
33	MALI KIRAN KISHOR	4/10/2022	4/11/2022	4 Week	Artificial Intelligence	Kiran
34	MOHITE VIJAYA MAHENDRA	28/10/2022	29/11/2022	4 week	Artificial intelligence	Mohite
35	MULANI ARSHAD SHAUKAT	4/10/2022	4/11/2022	4 week	Basic of Python	Mulani
36	NAGULKAR PRAGATLV	6/10/22	8/11/22	4 Week	Basic of Python	Nagulkar
37	NIKAM RUCHA JAYANTKUMAR					
38	NIKAM SHUBHAM ANIL					
39	PALKAR DHIRAJ SURESH	26/9/22	2/10/22	4 weeks	Introduction to AI	Palkar
40	PANHALE AJAY NARAYAN	20-09-22	6-11-22	4 week	Introduction to machine learning	Panhale
41	PANHALE VIJAY NARAYAN	20-09-22	6-11-22	4 week	Basic of Python	Panhale
42	PARALKAR SHRADDHA SANJAY					
43	PATIL HARSHAL GAJANAN	27-9-22	3-11-22	4 week	AI Introduction to AI	Patil
44	PATIL KAJAL SANJAY	20-9-22	5-11-22	4 week	Introduction to R	Patil
45	PATIL KUNAL YASHWANT	4-10-22	4-11-22	4 week	Basic of Python	Patil
46	PATIL SWAPNALI SANJAY					
47	PAWAR PAVAN BHASKAR	10-9-22	5-11-22	4 week	Angular	Pawar
48	PAWAR PRIYANKA VIRENDRA	20/9/22	3/11/22	4 week	Intro. to AI	Pawar
49	PHADATARE AKSHAY.D	26/9/22	2/10/22	4 week	Intro to AI	Phadare
50	POTDAR AKANKSHA SATISH	6-10-2022	8-11-2022	4 Weeks	Basics of Python	Potdar
51	RAJAK SURAJ KUMAR	10-10-22	24-11-22	4 weeks	Intro. to AI	Rajak
52	SALUNKHE PRERNA SAMBHAJI	7-10-2022	8-11-2022	4 weeks	Python for data science	Salunkhe
53	SALUNKHE VISHAKHA NITIN	20-09-22	5-11-22	4 weeks	Basics of python	Salunkhe
54	SANKPAL AKSHAY VIJAY	27-09-22	29-10-22	4 week	Into. to A.I	Sankpal
55	SHAIKH AALIYA SHAHID					
56	SHEVATE POOJA SUNIL	2-10-22	4-11-22	4 weeks	Basic of Python	Shevate
57	SHINDE DIPALI SHANKAR	16-10-22	14-11-22	4 weeks	Basics of Python	Shinde
58	SHINDE NILAM RAJKUMAR	20-9-22	5-11-22	4 weeks	Basics of Python	Shinde
59	SHINDE PRIYA BALI	10-10-22	8-11-22	4 weeks	Basics of Python	Shinde
60	SHINDE SANKET SUJAY					
61	SHINDE SURAJ SAMBHAJI	26/06/22	31/08/22	4 Week	Python for data science	Shinde
62	SHIVANKAR CHETAN SITARAM	29/09/22	30/10/22	4 week	Intro. to A.I	Shivankar
63	SURVE MADHUSUDAN TANAJI	5/10/22	7/11/22	4 week	Python for d.o.	Surve
64	SURYAWANSHI PRAJKTAM	20/9/22	5/11/22	4 week	Basics of Python	Suryawanshi
65	SURYAWANSHI RAJESH.P	26/09/22	3/10/22	4 week	Introduction to AI	Suryawanshi
66	SUTAR SHUBHAM GOVIND	1/10/22	4/11/22	4 week	Introduction to AI	Sutar
67	TAPASE RASIKA VISHNU	25/9/22	27/11/22	4 week	Basic of Python	Tapase
68	WAYDANDE NIKITA RAJARAM	15/10/22	14/11/22	4 week	Basic of Python	Waydande
TOTAL PRESENT/ABSENT STUDENTS		P. A.	P. A.			

CLASS CO-ORDINATOR  
FACULTY OF MCA



  
MCA HOD

H. O. D.  
YSPM's YASHODA TECHNICAL CAMPUS, SATARA  
FACULTY OF MCA



## COURSE COMPLETION CERTIFICATE

The certificate is awarded to

**Arshad Mulani**

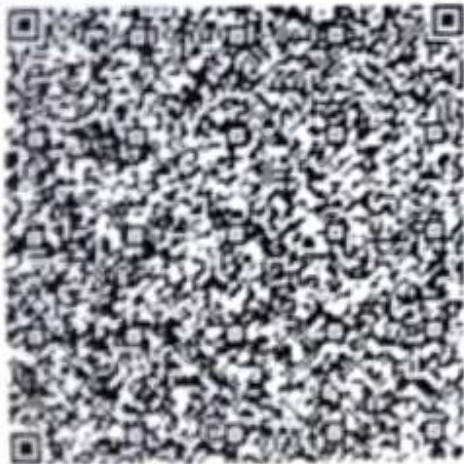
for successfully completing the course

**Basics of Python**

on Friday, November 4th 2022

Infosys | Springboard

*Congratulations! You make us proud!*



Issued on: Friday, November 4th 2022  
This certificate can be verified by scanning the QR code at <https://verify.onwingspan.com>



Thirumala Arohi  
Senior Vice President and Head  
Education, Training and Assessment (ETA)  
Infosys Limited





# COURSE COMPLETION CERTIFICATE

The certificate is awarded to

**Kajal Kadam**

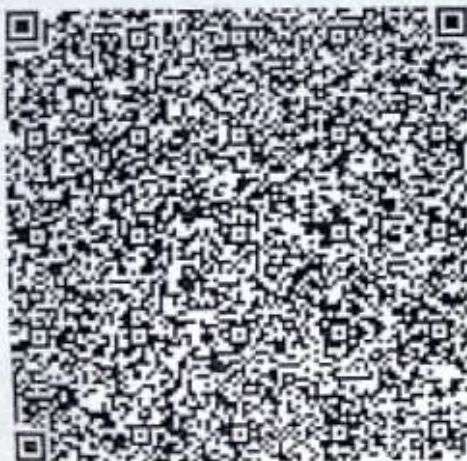
for successfully completing the course

**Basics of Python**

on Monday, November 7th 2022


**Infosys | Springboard**

*Congratulations! You make us proud!*



Issued on: Monday, November 7th 2022  
This certificate can be verified by scanning the QR code at <https://verify.onwingspan.com>



  
Thirumala Arohi  
Senior Vice President and Head  
Education, Training and Assessment (ETA)  
Infosys Limited



# COURSE COMPLETION CERTIFICATE

The certificate is awarded to

**sayali gunjane**

for successfully completing the course

**Introduction to Artificial Intelligence**

on Saturday, November 5th 2022

**Infosys | Springboard**

*Congratulations! You make us proud!*



Thirumala Arohi  
Senior Vice President and Head  
Education, Training and Assessment (ETA)  
Infosys Limited

Issued on: Saturday, November 5th 2022  
This certificate can be verified by scanning the QR code at <https://verify.onwingspan.com>



# COURSE COMPLETION CERTIFICATE

The certificate is awarded to

**Sushant Gandalwar**

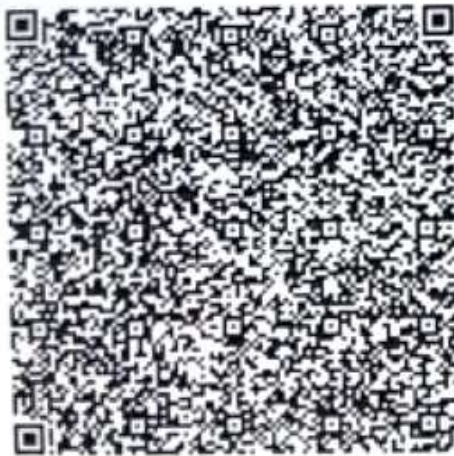
for successfully completing the course

Basics of Python

on Sunday, November 6th 2022

Infosys | Springboard

*Congratulations! You make us proud!*



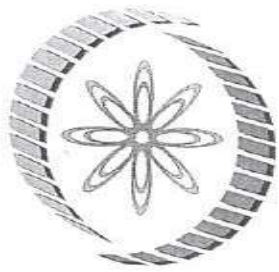
Thirumala Arohi  
Senior Vice President and Head  
Education, Training and Assessment (ETA)  
Infosys Limited

Issued on: Sunday, November 6th 2022  
This certificate can be verified by scanning the QR code at <https://verify.onwingspan.com>

YSPM's Yashoda Technical Campus, Satara								
Department of Mechanical Engineering								
NPTEL Marks								
Class: Final Year B. Tech			Semester: VIII					
Subject -1 ( Non-conventional energy Resources) BTMEC801F								
Sr no	Enrollment Number	Full Name	Score From Assignment 25	Final Assignment score (40)	Exam Score (75)	Final Exam Score(60)	Result (Certificate)	Remark
1	2067571612043	Kate Preeti Bapusaheb	24.22	39	30	24	Submitted	Successfully completed
2	2067571612052	Sonawane Yogesh Balasaheb	18.6	30	30	24	Submitted	Successfully completed

Class: Final Year B. Tech			Semester: VIII					
Subject -2 (Fundamentals of Automotive Systems) BTMEC801A								
Sr no	Enrollment Number	Full Name	Score From Assignment 25	Final Assignment score (40)	Exam Score (75)	Final Exam Score(60)	Result (Certificate)	Remark
1	2067571612052	Yogesh Balasaheb Sonawane	21.35	34	30	24	Submitted	Successfully completed
2	2067571612046	Pravin vilas bhise	20.13	32	32.25	25.8	Submitted	Successfully completed
3	2067571612029	Rushikesh Manohar Sawant	19.53	31	30	24	Submitted	Successfully completed
4	2067571612040	Nanavare Sachin Dnyandev	22.06	35	33.75	27	Submitted	Successfully completed
5	2067571612009	Shivam Narendra Paramane	23.28	37	30	24	Submitted	Successfully completed
6	2067571612015	ABHISHEK PRABHAKAR INGALE	18.56	30	30	24	Submitted	Successfully completed
7	2067571612027	Momin Alfarhan Faruk	22.97	37	30	24	Submitted	Successfully completed
8	2067571612016	Saurabh Shankar Pharande	20.22	32	30	24	Submitted	Successfully completed





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**PREETI BAPUSAHEB KATE**  
for successfully completing the course

## Non-conventional Energy Resources

with a consolidated score of **54** %

Online Assignments	24.22/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **717**

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairperson,

Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras

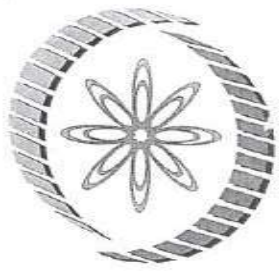


Roll No: NPTEL23GE04S54482008

To validate the certificate



No. of credits recommended: 3 or 4



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SHIVAM NARENDRA PARAMANE**  
for successfully completing the course

## Fundamentals of Automotive Systems

with a consolidated score of **53** %

Online Assignments	23.28/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **1088**

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairperson,

Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

*Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



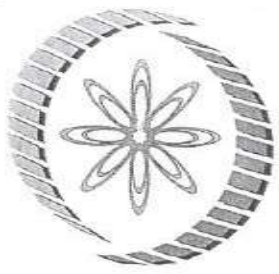
शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23DE01S34600328

To validate the certificate



No. of credits recommended: 3 or 4



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**NANAVARE SACHIN DNYANDEV**  
for successfully completing the course

## Fundamentals of Automotive Systems

with a consolidated score of **56** %

Online Assignments	22.06/25	Proctored Exam	33.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1088**

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairperson,  
Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23DE01S34600292

To validate the certificate



No. of credits recommended: 3 or 4