

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT
(A Unit of Shri Sode Vadiraja Mutt Education Trust[®], Udupi)

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Vishwothama Nagar, Bantakal-574 115, Udupi District, Karnataka, INDIA



SMVITM

DEPARTMENT OF MECHANICAL ENGINEERING

Dr. Gajanan Anne

Associate Professor & HOD

02 June 2022

Head

Department of Computer Science & Engineering
SMVITM, Bantakal

Dear sir,

Subject: Requisition to depute faculty members of your department to our
value added program

With reference to above, Department of Mechanical Engineering is organizing value
added program on Python Programming from 13 to 17 June 2022. I am here
requesting you to kindly depute Mr. Sharath Kumar and Ms. Sowmya S, faculty
members of CSE as resource persons to our program.

Kindly do the needful.

Thank you.

Associate Prof & Head
D (Dr. Gajanan Anne) sg.
SMVITM, BANTAKAL - 574115

Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar Udupi Dist.
BANTAKAL - 574 115

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Activity Request form

Academic Year	2021-22		
Department/Section/ Committee/Cell	Department of Mechanical Engineering		
Name of the Activity	Value Added Course on Python Programing		
Target Audience	Final year Mechanical Engineering Students		
Activity Date(s)	13 – 17 June 2022	Time	-
Venue	CC3, 3 rd floor, Dept. of CSE, Admin block		
Resource Person	Mr. Sharath Kumar, Assistant Professor, and Ms. Sowmya S, Assistant Professor, Department of Computer Science Engineering		

Expected expenditure		
S. No.	Description	Amount
	NIL	NIL

(Add rows if required)

Source of fund (Sponsorship/Registration fee)		
S. No.	Description	Amount
	NIL	NIL

(Add rows if required)

Financial support required from the Institute	
-----------------------------------------------	--

Name of the ISTE Coordinator	Signature with date
Dr. Gajanan Anne	
Name of Department HOD	Signature with date

Principal
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Associate Prof & Head
Dept. of Mechanical Engg.
SMVITM BANTAKAL - 574115

Remarks by IQAC

May be audited


Signature 09/07/25

Remarks by Principal

Proceed



Signature




Dr. Gajanan Anne
Associate Professor & Head


CIRCULAR

09 June 2022

Department of Mechanical Engineering has organized a value added program on **"Python Programming"** from 13 to 17 June 2022. You are here by informed to register for the same.


09/06/2022
Coordinator




Associate Prof. & Head
Dept. of Mechanical Engg.
SMVITM BANTAKAL 574115
HOD

Class room circulation:

To be read in the classroom


09/06/2022


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**Activity Report**


Academic Year	2021-22
Name of the Program	Value added program on Python Programming
Date	13th June to 17th June 2022
Target Audience	Final year students of Mechanical Engineering
Resource Person	Mr. Sharath Kumar, Assistant Professor, and Ms. Sowmya S, Assistant Professor, Department of Computer Science Engineering
Number of Participants	14

The Department of Mechanical Engineering has organized 5 days' value added program on "Python programming" for the benefit of final year students of Mechanical Engineering.

Python is a computer programming language often used to build websites and software, automate tasks, and conduct data analysis. Python is a general-purpose language, meaning it can be used to create a variety of different programs and isn't specialized for any specific problems. This versatility, along with its beginner-friendliness, has made it one of the most-used programming languages today.

Python is commonly used for developing websites and software, task automation, data analysis, and data visualization. Since it's relatively easy to learn, Python has been adopted by many nonprogrammers such as accountants and scientists, for a variety of everyday tasks, like organizing finances. Resource persons thoroughly explained the concepts of Python programming and stressed on its importance. 14 students were participated and benefited from this program.

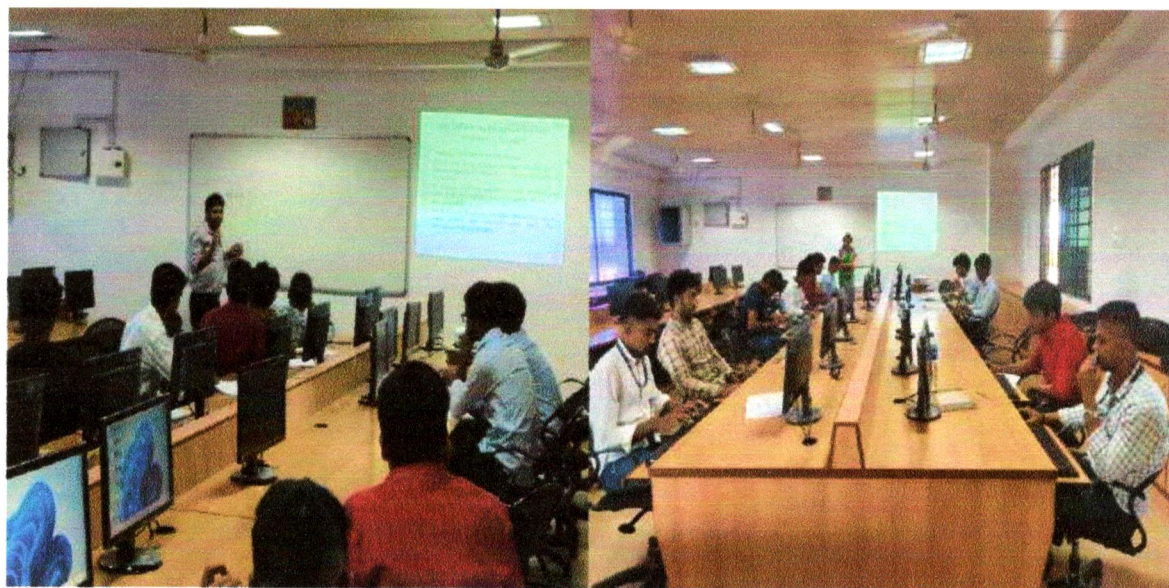
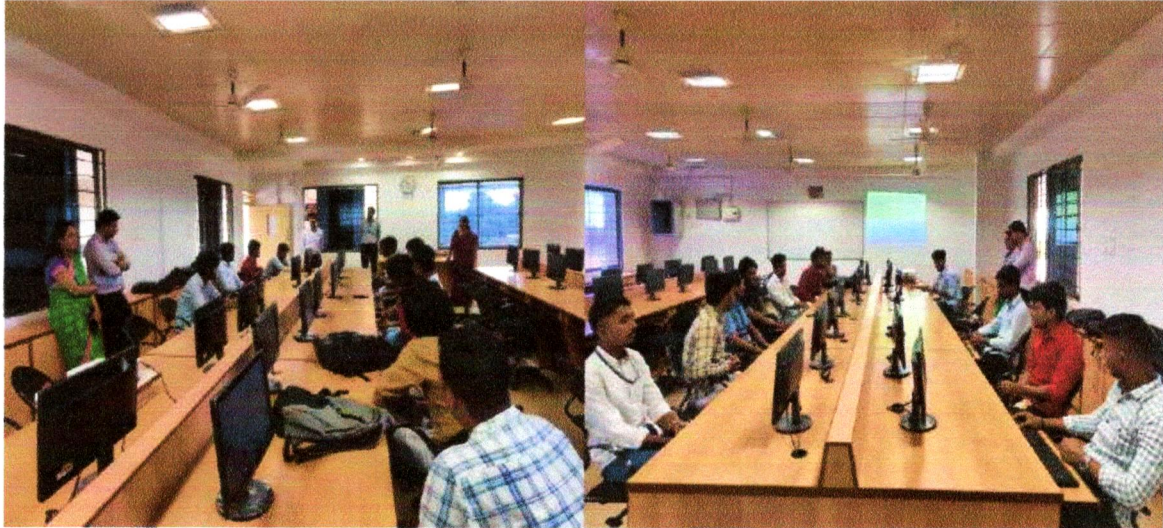
The event was coordinated by Dr. Madhukara Nayak, Assistant Professor, and Mr. Karthik V, Assistant Professor, Department of Mechanical Engineering, and was concluded with a message from Dr. Gajanan Anne, HOD, Department of Mechanical Engineering, followed by certificate distribution and presenting a memento to the resource persons.


Associate Prof & Head
Dept. of Mechanical Engg.
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PHOTO GALLERY

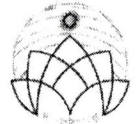


Latitude:13.254574

Longitude:74.785258

Anoop

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BANTAKAL - 574 115



DEPARTMENT OF MECHANICAL ENGINEERING

Value added program on Python Programming to be held on 13 - 17 June 2022

Course outcomes:

CO1: To familiarize the students regarding various command used in Python programming.

CO2: To understand the structure of python program for various problems.

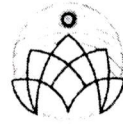
CO3: To write program for solving simple mathematical problems using python programming.

Mapping of Course Outcomes of this Value added program with program outcomes of mechanical engineering UG program

	Engineering Knowledge	Problem Analysis	Design & Development of Solutions	Conduct Investigations of Complex Problems	Usage of Modern Tools	Engineer & Society	Environment & Sustainability	Ethics	Individual & Team Work	Communication	Project Management & Finance	Life-long Learning	Apply the concepts of engineering mechanics, materials science, design, manufacturing, management & CAD/CAM to develop mechanical engineering systems.	Apply the knowledge acquired in thermal, fluid and energy systems in contributing towards sustainable societal development.
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1					X									
CO2		X	X	X	X									
CO3		X	X	X	X									

Arjun
Principal

Associate Prof & Head
Dept. of HOD Mechanical Engg
SMVITM, BANTAKAL - 574115



Value added program on Python Programming to be held on 13 - 17 June 2022

Assessment method used: Quiz

Assessment questions

Qn. No.	Question	Relevant CO
1	In Python we can create a popup menu. Select the code to display a popup menu? A - Menu.post(250,250) B - Menu.post() C - Menu.display() D - Menu.display_popup(250,250)	CO2
2	In the following options which are python libraries which are used for data analysis and scientific computations A - Numpy B - Scipy C - Pandas D - All the above	CO1
3	Which is the special symbol used in python to add comments? A - \$ B - // C - /*.... */ D - #	CO1

Arslan

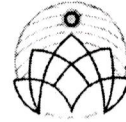
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4	Which among them is incorrect for set $s=\{100,101,102,103\}$ A - Len(s) B - Sum(s) C - Print(s[3]) D - Max(s)	
5	What is output for $-2 * 2 **3$ A - 12 B - 64 C - 16 D - 36	CO2
6	What is the output of the following program : def myfunc(a): a = a + 2 a = a * 2 return a print myfunc(2) A - 8 B - 16 C - Indentation Error D - Runtime Error	CO3
7	What is the output of the expression : $3*1**3$ A - 27 B - 9 C - 3 D - 1	CO2
8	What is the output of the following program : print '{0:.2}'.format(1.0 / 3) A - 0.333333 B - 0.33 C - 0.333333:-2 D - Error	CO2

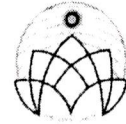
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9	What is the output of the following program : print '{0:-2%}'.format(1.0 / 3) A - 0.33 B - 0.33% C - 33.33% D - 33%	CO2
10	What is the output of the following program : i = 0 while i < 3: print i i += 1 else: print 0 A - 0 1 2 3 0 B - 0 1 2 0 C - 0 1 2 D - Error	CO3
11	What is the output of the following program : i = 0 while i < 5: print(i) i += 1 if i == 3: break else: print(0) A - 0 1 2 0 B - 0 1 2 C - Error D - None of the above	CO3
12	What is the output of the following program : print 'cd'.partition('cd') A - ('cd') B - ("") C - ('cd', "", "") D - ("", 'cd', "")	CO2

Principal

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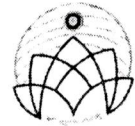
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DEPARTMENT OF MECHANICAL ENGINEERING

13	What is the output of the following program : print 'abef'.partition('cd') A - ('abef') B - ('abef', 'cd', '') C - ('abef', '', '') D - Error	CO2
14	What is the output of the following program : print 'abcefd'.replace('cd', '12') A - ab1ef2 B - abcefd C - ab1efd D - ab12ed2	CO2
15	What will be displayed by the following code? def f(value, values): v = 1 values[0] = 44 t = 3 v = [1, 2, 3] f(t, v) print(t, v[0]) A- 1 1 B- 1 44 C- 3 1 D- 3 44	CO3
16	What is the output of the following code? var = "James" * 2 * 3 print(var) A - JamesJamesJamesJamesJames B - JamesJamesJamesJames C - Error: invalid syntax D - None of the above	CO2
17	The in operator is used to check if a value exists within an iterable object container such as a list. Evaluate to True if it finds a variable in the specified sequence and False otherwise. A - True B - False	CO1
18	A string is immutable in Python? Every time when we modify the string, Python Always create a new String and assign a new string to that variable. A- True B- False	

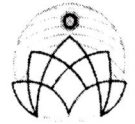
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19	<p>Discuss the outcome of the code?</p> <pre>def func1(n): if(n==0): return 0 else: return(n+func1(n-1)) def func2(n, result): if(n==0): return(result) else: return(func2(n-1, n+result)) print(func1(4)) print(func2(4,0))</pre> <p>A - Func1 is tail recursion. B - Func1 and Func2 are tail recursions. C - Func2 is only tail recursion. D - Neither Func2 nor Func1 is tail recursion.</p>	CO3
20	<p>What is the output of the following code?</p> <pre>class P: def __init__(self): self.__x=100 self.y=200 def print(self): print(self.__x, self.y) class C(P): def __init__(self): super().__init__() self.__x=300 self.y=400 d = C() d.print()</pre> <p>A - 300 400 B - 100 400 C - 100 200 D - 300 200</p>	CO3

Chraseer

Dr. Gajanan Anne

Associate Professor & Head,
Department of Mechanical Engineering,
SMVITM, Bantakal

09 June 2022

Mr. Sharath Kumar

Assistant Professor (Senior)
Department of Computer Science and Engineering
SMVITM, Bantakal, Udupi-574115.

Dear Sir,

Subject: Invitation as a Resource Person for "Python Programming".

The Department of Mechanical Engineering is organizing a Value added Program on "Python Programming" for 4th Year Mechanical students from 13th to 16 June 2022.


In this regard, I am hereby requesting you to accept our invitation as a resource person for "Python Programming" scheduled in between 13-16 June 2022 in Mechanical Engineering Department.

Kindly consider our request and do the needful.

Thanking you



Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist
BANTAKAL - 574 115



(Dr. Gajanan Anne)
Associate Prof & Head
Dept. of Mechanical Engg.
SMVITM, BANTAKAL 574115

Dr. Gajanan Anne

Associate Professor & Head,
Department of Mechanical Engineering,
SMVITM, Bantakal

09 June 2022

Ms. Sowmya S

Assistant Professor (Senior)
Department of Computer Science and Engineering
SMVITM, Bantakal, Udupi-574115.

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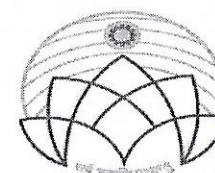
(Dr. Gajanan Anne)
Dept. of Mechanical Engg
SMVITM, BANTAKAL 574115



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DEPARTMENT OF MECHANICAL ENGINEERING

Student Attendance List of Value Added Course on "Python Programming"

Sl.No	Sem	USN	Name	13-06-2022		14-06-2022		15-06-2022		16-06-2022		17-06-2022	
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	8	4MW17ME009	ANIRUDH V AMIN	A	A	A	A	A	A	A	A	A	A
2	8	4MW17ME026	MANISH M J	A	A	A	A	A	A	A	A	A	A
3	8	4MW17ME028	MAREN MARTIN PINTO	A	A	A	A	A	A	A	A	A	A
4	8	4MW17ME033	MOOLYA JATHIN JAYA	A	A	A	A	A	A	A	A	A	A
5	8	4MW17ME051	S SUBRAMANYA PRABHU	A	A	A	A	A	A	A	A	A	A
6	8	4MW18ME001	AMISH SHEREGAR	A	A	A	A	A	A	A	A	A	A
7	8	4MW18ME002	ANTONY SHARON D SOUZA	P	P	P	P	P	P	P	P	P	P
8	8	4MW18ME005	CLEMENT JOHNSON D SOUZA	A	A	A	A	A	A	A	A	A	A
9	8	4MW18ME006	DHANISH H AMIN	A	A	A	A	A	A	A	A	A	A
10	8	4MW18ME007	DHRUVA SHETTY	P	P	P	P	P	P	P	P	P	P
11	8	4MW18ME008	GAURAV S ACHARYA	P	P	P	P	P	P	P	P	P	P
12	8	4MW18ME009	JANESH SHETTY	P	P	P	P	P	P	P	P	P	P
13	8	4MW18ME010	AKSHAY K RAO(K AKSHAY RAO)	A	A	A	A	A	A	A	A	A	A
14	8	4MW18ME011	K DAMODHAR BHAT	P	P	P	P	P	P	P	P	P	P
15	8	4MW18ME012	KISHAN M	A	A	A	A	A	A	A	A	A	A
16	8	4MW18ME014	MOHAMMED SAYEEM	A	A	A	A	A	A	A	A	A	A
17	8	4MW18ME015	NAGESH	P	P	P	P	P	P	P	P	P	P

17/06/2022

18	8	4MW18ME016	NANDANA S S	A	A	A	A	A	A	A	A	A	A
19	8	4MW18ME017	NIKHIL SHETTY	P	P	P	P	P	P	P	P	P	P
20	8	4MW18ME018	NIKHILESH	P	P	P	P	P	P	P	P	P	P
21	8	4MW18ME019	PAI SUJAY MOHAN	A	A	A	A	A	A	A	A	A	A
22	8	4MW18ME020	RAJATH KUMAR	P	P	P	P	P	P	P	P	P	P
23	8	4MW18ME021	RAMESH	P	P	P	P	P	P	P	P	P	P
24	8	4MW18ME023	SAURAV V	P	P	P	P	P	P	P	P	P	P
25	8	4MW18ME024	SHOBITH HEGDE	A	A	A	A	A	A	A	A	A	A
26	8	4MW18ME026	SRIJAN N SUVARNA	P	P	P	P	P	P	P	P	P	P
27	8	4MW18ME027	SURAJ ACHARYA	P	P	P	P	P	P	P	P	P	P
28	8	4MW18ME028	TUSHAR G SHENOY	P	P	P	P	P	P	P	P	P	P

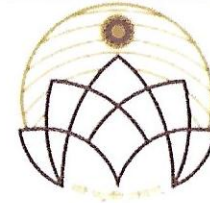
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Principal

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SMVITM

CERTIFICATE

This is to certify that. **MANISH M J** of Mechanical Engineering Department has successfully completed value added course on PYTHON Programming held at Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal. On 13-17 June 2022.

for *P. P. Padav.*
DR. CAJANAN ANNE

Assoc. HOD / ME Head
Dept. of Mechanical Engg.
SMVITM, BANTAKAL 574115

Anand
DR. THIRUMALESHWARA BHAT

principal, SMVITM

Anand
Principal
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