



RAJEEV INSTITUTE OF TECHNOLOGY

HASSAN- 573 201, KARNATAKA

(Affiliated to VTU, Belagavi., Approved by AICTE, New Delhi.)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



Proposal

From,

Department of CSE
Rajeev Institute of Technology Hassan

Date: 11-12-2021

To,

The Principal
Rajeev Institute of Technology Hassan

Respected Sir,

Subject: Requisition to conduct 2 days workshop on PYTHON

As per the above mentioned subject, the department of CSE organizing workshop **PYTHON** , on for 4th & 6th semester CSE students on tentative date: **17-12-2021 to 18-12-2021**. So kindly accept this request and grant the permission for smooth conduction of this workshop.

Thanking you,

Your's sincerely

Dr. Sharath M N

Sharath



RAJEEV INSTITUTE OF TECHNOLOGY

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



2 DAYS WORKSHOP ON “PYTHON”

From 17-12-2021 TO 18-12-2021

Organized by

Department of Computer Science and Engineering
Rajeev Institute of Technology, Hassan

The poster is divided into two main sections. The left section features a photograph of the Rajeev Institute of Technology building. The right section is a text-based graphic with a gear background. Text on the poster includes: 'RAJEEV INSTITUTE OF TECHNOLOGY HASSAN', 'DEPARTMENT OF CSE & ISE', 'ORGANIZING HASH 1.0 MAKE IT REAL', 'WORKSHOP ON PYTHON', 'DATE: DECEMBER 17TH & 18TH 2021', 'VENUE: SEMINAR HALL, RIT, HASSAN', 'Rajeev Institute of Technology Hassan.', 'DEPARTMENT OF CSE & ISE', 'workshop on PYTHON', 'DEC 17TH, 18TH 2021', 'SCAN & REGISTER' with a QR code, and 'Address: Rajeev Institute of Technology, Hassan'.

Date: 17-12-2021 TO 18-12-2021

TITLE: PYTHON

Coordinators: Mr. Sharath M N

Associate Professor

Dept. Of CSE

RIT, Hassan

Resource Person: Shrinidhi V

Corporate Trainer at Brand Muscle

India Pvt Ltd

Bangalore Karnataka – 560032



Program schedule: Python

DAY – 1 (17-12-2021)	
TIME	SESSION
9:00 AM-10:30AM	Session – 1 Shrinidhi V Topic: Introduction to Python Overview of Python and its applications Setting up Python and a code editor
10:30AM- 10:45AM	Short Break
10:45 AM - 12:30 PM	Session – 2 Shrinidhi V Topic: Basic Syntax and Data Types Variables, data types, and type conversion Operators and expressions
12:30 PM - 1:30 PM	Lunch Break
1:30 PM - 2:30 PM	Session – 3 Shrinidhi V Topic: Control Structures Conditional statements (if, elif, else). Loops (for loops, while loops)
2:30 PM - 2:45 PM	Short Break
2:45 PM - 4:00 PM	Session – 4 Shrinidhi V Topic: Functions and Modules Defining and calling functions Function parameters and return values
4:00 PM - 4:15 PM	Short Break
4:15 PM - 5:00 PM	Session – 5 Shrinidhi V Topic : Data Structures Lists, tuples, and dictionaries List comprehensions



DAY – 2 (18-12-2021)	
TIME	SESSION
9:00 AM-10:30AM	Session – 1 Shrinidhi V Topic: File Handling and Error Handling Reading and writing files Using the with statement for file handling Basic error handling using try-except
10:30AM- 10:45AM	Short Break
10:45 AM - 12:30 PM	Session – 2 Shrinidhi V Topic: Introduction to Libraries Overview of popular Python libraries (NumPy, pandas, Matplotlib)
12:30 PM - 1:30 PM	Lunch Break
1:30 PM - 2:30 PM	Session – 3 Shrinidhi V Topic : Data Analysis and Visualization Using NumPy and pandas for data manipulation Basic data visualization using Matplotlib
2:30 PM - 2:45 PM	Short Break
2:45 PM - 4:00 PM	Session – 4 Shrinidhi V Topic: Object-Oriented Programming Understanding classes and objects Creating and using classes
4:00 PM - 4:15 PM	Short Break
4:15 PM - 5:00 PM	Session – 5 Shrinidhi V Topic : Web Development with Flask Introduction to web frameworks Creating a basic web application using Flask Collaborative coding session to build a basic application/project



TRAINER PROFILE

Shrinidhi V (Corporate Trainer)

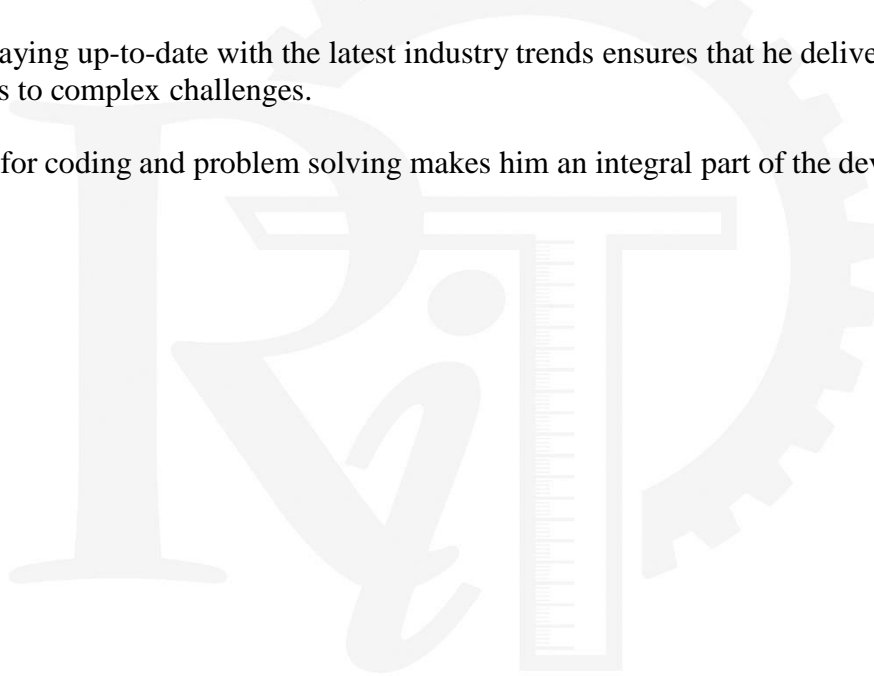
Shrinidhi V is an experienced Software Engineer with two years of work experience at Brand Muscle India Pvt Ltd. With a strong expertise in Python & web development

He specializes in a wide array of technologies including .NET, .NET Core, WebApi, C#, SQL, Angular, and Typescript.

Shrinidhi has consistently demonstrated his ability to design and implement robust and efficient solutions, making him a valuable asset to the organization.

His dedication to staying up-to-date with the latest industry trends ensures that he delivers cutting edge and innovative solutions to complex challenges.

Shrinidhi's passion for coding and problem solving makes him an integral part of the development.



**RAJEEV INSTITUTE OF TECHNOLOGY**HASSAN- 573 201, KARNATAKA
(Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi)**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING****Python workshop on 17th and 18th Dec 2021****Attendance**

Sl. No.	USN	Name of the Student	17-12-2021		18-12-2021	
			Morning	Afternoon	Morning	Afternoon
1						
2	4RA20CS047	LATHA H N	Latha	Latha	Latha	Latha
3	4RA20CS048	LIKITH	Likith	Likith	Likith	Likith
4	4RA20CS049	MANOJ M G	Manoj	Manoj	Manoj	Manoj
5	4RA20CS050	MOHAMMED ALQHAMA	Alqama	Alqama	Alqama	Alqama
6	4RA20CS051	MOHAMMED AMEEN A	Ameen	Ameen	Ameen	Ameen
7	4RA20CS052	MOHAMMED KAIF	Kaif	Kaif	Kaif	Kaif
8	4RA20CS053	NANDAN C M	Nandan	Nandan	Nandan	Nandan
9	4RA20CS054	NAVANEETH GOWDA H L	Navaneeth	Navaneeth	Navaneeth	Navaneeth
10	4RA20CS055	NAVYA H	Navya	Navya	Navya	Navya
11	4RA20CS056	NAVYASHRI V R	Navyashri	Navyashri	Navyashri	Navyashri
12	4RA20CS057	NAYANA B S	Nayana	Nayana	Nayana	Nayana
13	4RA20CS059	NIKITHA NAIK V	Nikitha	Nikitha	Nikitha	Nikitha
14	4RA20CS060	NISARGA	Nisarga	Nisarga	Nisarga	Nisarga
15	4RA20CS063	NISHA B M	Nisha	Nisha	Nisha	Nisha
16	4RA20CS064	NITHINRAJU D D	Nithin	Nithin	Nithin	Nithin
17	4RA20CS065	P YASHASH	Yashas	Yashas	Yashas	Yashas
18	4RA20CS068	POOJITHA H S	Poojitha	Poojitha	Poojitha	Poojitha
19	4RA20CS070	PRAKRUTHI H N	Prakruthi	Prakruthi	Prakruthi	Prakruthi
20	4RA20CS071	PREETHAM YADAV N S	Preetham	Preetham	Preetham	Preetham
21	4RA20CS072	PREETHI A Y	Preethi	Preethi	Preethi	Preethi
22	4RA20CS073	PRIYANKA S	Priyanka	Priyanka	Priyanka	Priyanka
23	4RA20CS074	RAJATH R P	Rajath	Rajath	Rajath	Rajath
24	4RA20CS081	RIYA J SINTRE	Riya	Riya	Riya	Riya
25	4RA20CS089	SHASHANK A S	Shashank	Shashank	Shashank	Shashank
26	4RA20CS093	SHREYAS C N	Shreyas	Shreyas	Shreyas	Shreyas
27	4RA20CS099	SUDEEP C S	Sudeep	Sudeep	Sudeep	Sudeep
28	4RA20CS117	YASHASWINI D	Yashaswini	Yashaswini	Yashaswini	Yashaswini
29	4RA21CS400	BHOOMIKA Y	Bhoomika	Bhoomika	Bhoomika	Bhoomika
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35	4RA20CS002	ADITHYA H B	Aditya	Aditya	Aditya	Aditya
36	4RA20CS004	AKASH J A	Akash	Akash	Akash	Akash
37	4RA20CS013	BHOOMIKA R	Bhoomi	Bhoomi	Bhoomi	Bhoomi
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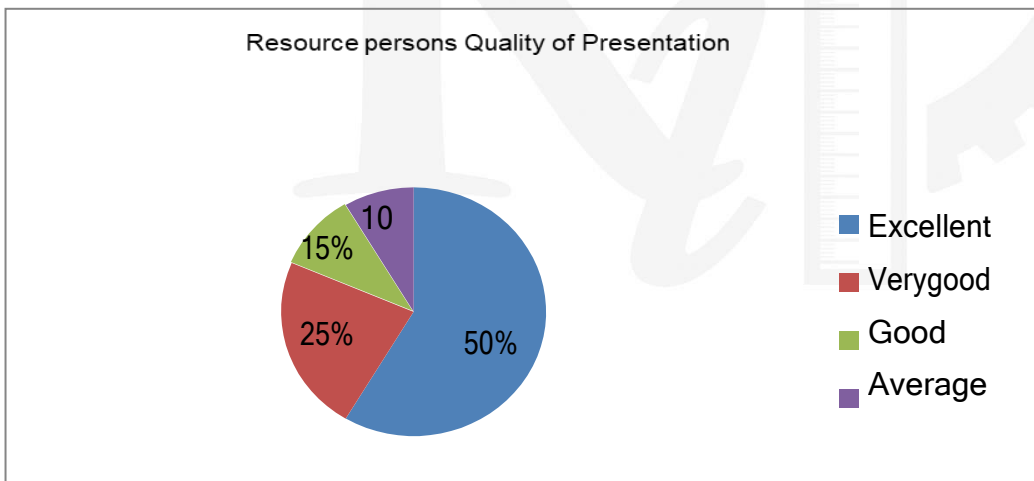
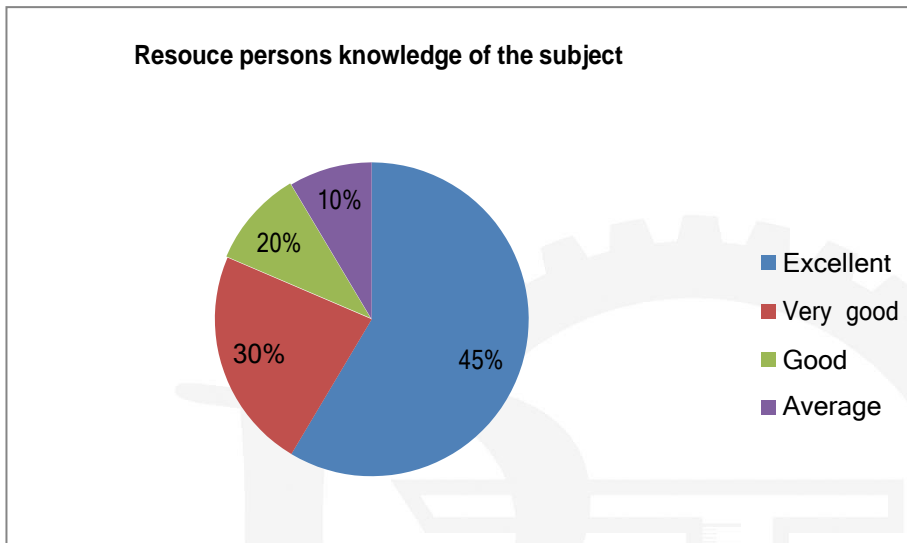
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85	4RA18CS042	NISHA M	Nisha	Nisha	Nisha	Nisha
86	4RA18CS044	PADMASHREE NADIG K S	Padma	Padma	Padma	Padma
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89	4RA18CS048	PRAVEENKUMAR K M	Praveen	Praveen	Praveen	Praveen
90	4RA18CS049	PREETHAM K M	Preetham	Preetham	Preetham	Preetham
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92	4RA18CS052	RAJ VIMAL B GOWDA	Vimal	Vimal	Vimal	Vimal
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131	4RA20IS014	NAYANA D	Nayana	Nayana	Nayana	Nayana
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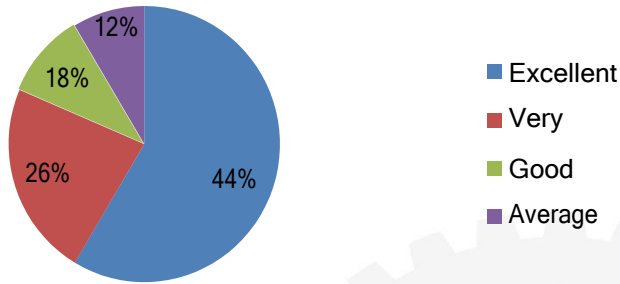
Feedback analysis

2 days' workshop on Python (17-12-2021 to 18-12-2021)

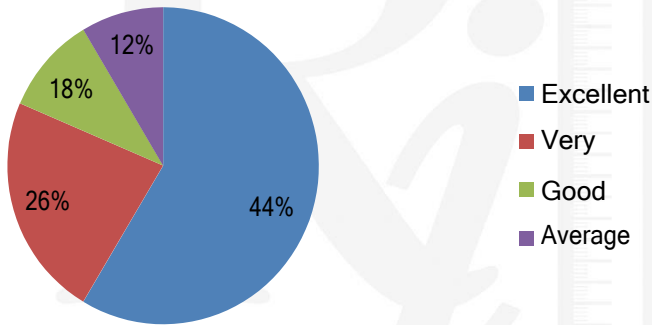




Resouce persoa Ability to answer



Overall Satisfaction





Certificates:





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



REPORT ON TWO DAYS PYTHON WORKSHOP

17th TO 18th DEC 2021

Department of Computer Science and Engineering had organized a two days workshop on “python” during 17th to 18th Dec 2021 for the 6th and 4th semester students.

The main objective of this workshop was to make aware the students of one of the latest technologies, python, which is not part of their curriculum. As Python has become one of the most prominent and in demand programming language, this workshop was planned to give students sufficient knowledge and technicality which may prove to be more beneficial and fruitful for them during their respective career path. With the added knowledge of one of the most prominent and trendy programming languages, may give better job opportunities to the students.

Dr. Ramakrishna A N, Principal applauded and supported the efforts taken by the department towards the betterment of the technical aspects of the students. Dr. H.N Prakash, HoD, CSE , extended his support to the organizing team towards making the workshop successful.

Mr. Sharath M N, Assistant Professor, CSE, was the coordinator of this workshop. They started off the workshop with his keynote speech, where he emphasized how relevant and beneficial Python is with respect to new career opportunities. Mr. Shrinidhi V, were the Resource person, conducted the theory sessions followed by hands-on sessions, which helped students to learn and explore Python. Mr. Sharath M N took efforts towards managing the technical support and other logistics of the workshop.



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



DAY 1

17th Dec 2021

Speaker: Mr. Shrinidhi V
Inauguration Function 09:00 to 09:30



- ❖ Mr. Shrinidhi V conducting the workshop session and explained The basics of python
- ❖ Basic Syntax and Data Types, Data Analysis , Data Visualization, Control Structures, Functions and Modules, File Handling and Error Handling



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DAY 2
18th Dec 2021

Speaker: Mr. Shrinidhi V



- ❖ Mr. Shrinidhi V conducting the workshop session and explaining.
- ❖ Review and Edit, Visual Enhancements , References and Citations, Final Touches, Report Submission

Throughout the workshop, it's essential to provide hands-on exercises and examples to reinforce the concepts covered. Encourage participants to code along and practice what they've learned. Additionally, you can provide additional resources and references for participants to continue their learning journey beyond the workshop.

We greatly appreciate your willingness to contribute your expertise and insights to our workshop. Your presence and knowledge will undoubtedly enrich the experience of our participants and contribute to the success of the event.