

# GOVT. DEGREE COLLEGE, PATTIKONDA



**One Day National Webinar on**

**“Fundamentals of Python  
Programming”**

**File**



# Government Degree College

Accredited By NAAC with 'B' Grade

Pattikonda, Kurnool (Dt), A.P. 518380.



## Request Letter

Dr. R. Madhuri, M.Sc, M.Phil., Ph.D.

Principal,

From

Sri. P. Suryachandra

Lecturer-in-Computer Science

Govt. Degree College, Pattikonda

Kurnool (Dt).

To

The Principal

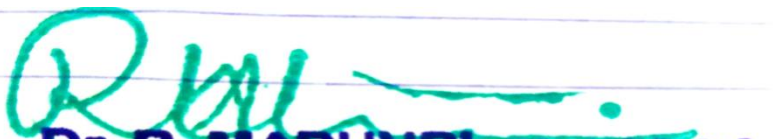
Govt. Degree College

Pattikonda, Kurnool (Dt).

Respected Madam,

The department of Computer Science is going to organize one day national webinar on recent Fundamentals of Python Programming on 04<sup>th</sup> march 2023 at 10.10.30 a.m. I request you to give the permission to conduct the online webinar.

1. Name of the Recourse person: Dr. M. Ganesh Karthik-Asst. Professor  
GITAM University, Bangalore
2. Date : 04-03-2023

  
**Dr. R. MADHURI, M.Sc., M.Phil., Ph.D.,**  
**PRINCIPAL**  
**Government Degree College**  
**PATTIKONDA., Kurnool Dist., A.P.**

Yours faithfully

P. Suryachandra

In charge of the Department

# **Government Degree College, Pattikonda Kurnool-A.P**

## **Department of Computer Science**

### **Circular**

**02-03-2023**

All the 1<sup>st</sup> year, 2nd year & final year degree students are here by informed that the department of Computer Science is going to organize one day national webinar on Fundamentals of Python Programming, the key note speaker Dr.M.Ganesh Karthik-Asst.Professor GITAM University,Bengalore ,some more eminent speakers are going to participate in this one day online webinar. Hence all the students are requested to register your names in the Computer Science Department. Participants will be provided by certificates.


**In charge of the Department**

**P.Suryachandra**

**Copy to the library**

**Copy to the main notice board**

**Copy of the circulation among the students.**

  
**Dr. R. MADHURI, M.Sc., M.Phil., Ph.D.,**  
**PRINCIPAL**  
**Government Degree College**  
**PATTIKONDA., Kurnool Dist., A.P**

***Dr. M Ganesh Karthik***

Assistant Professor, Department of Computer Science and Engineering,

GITAM School of Technology, GITAM (Deemed to be University), Bengaluru, India.

Ganesh Karthik received his Ph.D. in CSE from SRM Institute of Science and Technology, Kattankulathur Campus, Chennai. He completed his M.Tech. from Sree Vidyanikethan Engineering College (Autonomous), Tirupati. He has around 10 years of teaching experience. He works as an Assistant Professor in the department of CSE at GITAM School of Technology, GITAM (Deemed to be University), Bengaluru, India. He has published 16 papers in refereed Journals and Conference proceedings. He has authored 2 Books namely “Computer Networks” and “Web Technologies”. He has also published 1 Indian Patent. He is associated with INFOSYS as a PYTHON trainer for infyTQ and with WIPRO as a JAVA trainer for Wipro PBL. His research interests include Computer Networks, IoT Security, and Machine Learning.



**Dr. R. MADHURI, M.Sc., M.Phil., Ph.D.,**  
**PRINCIPAL**  
**Government Degree College**  
**PATTIKONDA., Kumool Dist., A.F**



**GOVERNMENT DEGREE COLLEGE, PATTIKONDA**



Affiliated to Rayalaseema University  
Accredited by NAAC with "B" Grade  
Pattikonda-518380 Kurnool (Dt), A.P.



**NATIONAL WEBINAR  
ON  
FUNDAMENTALS OF PYTHON  
PROGRAMMING**

**04/03/2023 from 11.00 AM to 1.00 PM**

**Organized by  
Department of Computer Sciences**

**Scope of Webinar:-**

Python is one of the most accessible programming languages available because it has simplified syntax and not complicated. It will give the students a solid foundation and allow the students to learn other programming languages (e.g., C++, C or Java) much easier and much faster. Python is recommended for aspiring young developers who are interested in pursuing careers in Artificial Intelligence, Machine Learning and Data Science.

**Chief Patron**

**Dr. Pola Bhaskar, I.A.S.**  
Commissioner of Collegiate  
Education,  
A.P., Mangalagiri



**Patron**

**Dr.R.Madhuri,**  
M.Sc, M.Phil, Ph.D  
Principal,

Government Degree College,  
Pattikonda, Kurnool (Dt), A.P.



**Resource Person**

**Dr.M.Ganesh Karthik,**  
M.Tech (CS), Ph.D (CSE)  
Assistant professor of CSE  
GITAM School of Technology  
GITAM UNIVERSITY-



**Webinar Co-Ordinator**

**Sri. P.Suryachandra**  
Department of Computer  
Science,  
Government Degree College,  
Pattikonda, Kurnool (Dt),  
A.P.





### About the College

The Government Degree College, Pattikonda, Kurnool Dist. was established with an initial strength of 88 students with B.A., & B.Com courses in 1988 in Government Junior college. Since its inception, it has been striving hard to impart quality and job oriented education to the students of socially and economically backward area of Kurnool district. With the unstinted efforts of Sri. S.V.Subba Reddy Garu, the then agriculture Minister, the foundation stone laid for the construction of new building. This degree college was shifted to new buildings constructed in 6.3 acres of land in 1996, inaugurated by Sri S.V.Subba Reddy Garu. Having got its own buildings, B.Sc (MPC & BZC) courses were introduced in 1997. Need based courses such as B.Sc., (Computer Science) & B.Com (Computer Applications) were introduced in 2003 and 2011 respectively to make our stake holders to take advantage of the global employment opportunities.

**E-certificate will be awarded to those who successfully submitted feedback**

### Members: -

Sri.Y.Ravikanth, Lecturer in Computer Science

&

Teaching & Non- Teaching Staff and Students  
GDC-Pattikonda, Kurnool Dist.

**You are Cordially invited to Join and Register  
for Certification**



<https://forms.gle/i59gZFYxFeDY9NzCA>



<https://chat.whatsapp.com/CeHF2993sUKBjnfO2wy254>

#### **Contact Details:-**

P.Surya Chandra-8555984996

Email Id:- gdcpkdcomputers@gmail.com

College Mail Id:- Pattikondagdc.jke@gmail.com

**GOVERNMENT DEGREE COLLEGE, PATTIKONDA**  
**KURNOOL (Dt), A.P.**

**National Webinar on Fundamentals of Python Programming**

**Date:-04/03/2023**

**Programme Schedule**

<b>10:30 Invitation by -</b>	<b>Sri. P.Srinivasa Rao</b>
<b>10:35 Webinar Co-Ordinator (Opening Remarks)</b>	<b>Sri.P.Surya Chandra</b>
<b>10:40 President's Speech</b>	<b>Dr.R.Madhuri</b>
<b>10:50 vice Principal Speech</b>	<b>Dr.K.V.Subbaiah</b>
<b>11:00 IQAC-Co-Ordinator</b>	<b>Dr.Md.Osman Ahmed</b>
<b>11.10 Speaker's Profile</b>	<b>Sri.P.Surya Chandra</b>
<b>11.20 Speaker Speech</b>	<b>Dr. M. Ganesh Karthik</b>
<b>12.45 Vote of Thanks</b>	<b>Smt. S.Shabana</b>
<b>01.00 PM</b>	<b>Refreshments</b>

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Date:-02/03/2023.

To

Dr. M. Ganesh Karthik B.Tech.(IT),M.Tech.(CS),Ph.D.(CSE)  
Assistant Professor of CSE  
GITAM School of Technology  
GITAM University - Bengaluru Campus


Sub: - Invitation to deliver a talk on "FUNDAMENTALS OF PYTHON PROGRAMMING" at National webinar.

Dear Dr. M. Ganesh Karthik

I am contacting you on behalf of the organizing team of Govt. Degree College, Pattikonda, Kurnool (Dt), and Andhra Pradesh. Invites you to deliver a talk on "FUNDAMENTALS OF PYTHON PROGRAMMING" on 04-03-2023. Through the webinar our Degree college students and staff members aware of importance of FUNDAMENTALS OF PYTHON PROGRAMMING. It gives us great pleasure to invite you to speak at this National level webinar as of speaker and share your contributions to with the participants.

We would be greatly honored to hear your lecture on the said above topic. We ensure that your talk will stimulate B.Sc, B.Com & B.A. Students toward the FUNDAMENTALS OF PYTHON PROGRAMMING. On behalf the of organizing team, I request you to accept our invitation and make this webinar a great success.

We look forward your acceptance as a speaker at National webinar.

  
PRINCIPAL  
GOVT DEGREE COLLEGE  
PATTIKONDA-518 380  
Kurnool Dist A P

Thank you,



To

Dr. M. Ganesh Karthik, B.Tech. (IT), M.Tech.(CS), Ph.D.(CSE)

Assistant Professor of CSE

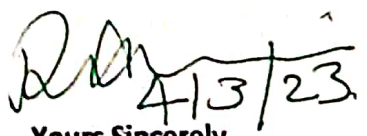
GITAM School of Technology

GITAM University - Bangalore Campus

I thank you from the bottom of my heart for taking time from your busy schedule to be the Resource person or speaker at our webinar. Your presence and wise words helped magnify our cause in the best possible way. Our webinar was a huge success. All thanks to your enlightening words that inspired so many participants out there.

I also thank you on behalf of our college and Department of Computer Science, Teaching, Non- Teaching and participants who were thrilled to have you as company and exchange a few words with you. I cannot thank you enough for gracing our webinar, invigorating all our spirits and making everyone feel at home.

I look forward to our next interaction soon. Wishing you all the best for your future endeavors.

  
4/3/23  
Yours Sincerely,  
PRINCIPAL  
GOVT DEGREE COLLEGE  
PATTIKONDA-518 380  
Kumool Dist A P

# **Government Degree College, Pattikonda Kurnool-A.P**

## **Department of Computer Science Report**

**04-03-2023**

This report summarizes the key takeaways from a recent webinar on the "Fundamentals of Python Programming." The webinar aimed to provide an introduction to Python for beginners and refresh the knowledge of experienced programmers. It covered essential concepts, practical examples, and insights into the world of Python programming.

### **Webinar Overview:**

**Title: Fundamentals of Python Programming**

**Date: 04-03-2023**


**Duration: 04 hours**

**Presenter: Dr M.Ganesh Kartik**

**Participants: 520**

### **Key Topics Covered:**

**Introduction to Python:**Python's history and development. Advantages and use cases of Python. **b. Setting Up Python Environment :** Installing Python. Introduction to Integrated Development Environments (IDEs) like IDLE, Jupyter Notebook, and Visual Studio Code. **c. Variables and Data Types:**Explanation of data types (int, float, str, bool). Variable naming conventions.**d. Basic Input and Output:** Using input() for user input. Displaying output with print(). **e. Conditional Statements:**Introduction to if, elif, and else.Logical operators (and, or, not). **f. Loops:** For and while loops.Iterating through lists and ranges.Loop control statements (break, continue). **g. Data Structures:**Lists, tuples, dictionaries, and sets.Operations on these data structures. **h. Functions:** Defining functions.Function parameters and return values. Local and global variable scope.



**Dr. R. MADHURI, M.Sc., M.Phil., Ph.D.,**  
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**Government Degree College**  
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