



GOVT. DEGREE COLLEGE

AVANIGADDA - 521121, KRISHNA DT. (A.P.)  
(AFFILIATED TO KRISHNA UNIVERSITY)



(NAAC - B++ Accredited; ISO 21001:2018, 14001:2015, 50001:2018 Certified Institute)

[gdcjkc.avanigadda@gmail.com](mailto:gdcjkc.avanigadda@gmail.com)  
[www.gdcavanigadda.ac.in](http://www.gdcavanigadda.ac.in)

WINNERS ARE FORGED HERE

☎ 08671-272261  
☎ 94-94-299418

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A Brief Report on  
**NATIONAL WEBINAR**

Python Essentials:

From

Foundations to Data Science Applications

12<sup>th</sup> November 2024.

**Organized by**  
**Department of Computer Science.**

## PERMISSION LETTER FROM PRINCIPAL

Date:4-11-2024.

To  
The Principal,  
Govt. Degree College,  
Avanigadda.

**Subject:** Request for Permission to Organize a One-Day National Webinar "Python Essentials: From Foundations to Data Science Applications."

Respected Madam,

The Department of Computer Science, would like to request your kind permission to organize a **One-Day National Webinar** titled "**Python Essentials: From Foundations to Data Science Applications.**" The webinar aims to provide participants with fundamental knowledge of Python programming and its applications in data science, catering to both beginners and enthusiasts.

**Details of the Event:**

- **Date:** 12/11/2024.
- **Time:** 10:00 A.M. to 4:00 P.M.
- **Venue:** Computer Lab-1

This webinar will bring together learners, researchers, and professionals from various institutions to enhance their understanding of Python programming and explore its real-world applications. The event is designed to empower participants with essential skills and inspire their learning journey in computer science.

We kindly seek your approval and guidance to organize this event successfully.

Thanking You.

D/9

Yours sincerely,

N.S. Jyothi 4/11/24.

N.SWARNA JYOTHI,  
Lecturer in Computer Science.

## MINUTES

65

6/11/2024

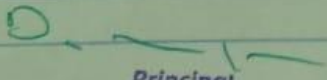
Departmental Staff meeting:-

Department staff meeting was held on 6/11/2024, under the in-charge N. Swarna Tyoti, department of computer science.

In this meeting we discuss about the conducting a national webinar on Python essentials: From Foundations to Data Science Applications on 12-11-2024 from 10 A.M. to 4.30 P.M. through google meet.

The arrangements like registration link creation, invitation and brochure will be forwarded to all faculty and students to make the webinar successfully. The e-certificates links also generated for issuing participation certificates.

- N. S. Tyoti  
N. S. Tyoti

  
Principal  
GOVT. DEGREE COLLEGE  
AVANIGADDA, Krishna Dt. 521121.

## STUDENT CIRCULAR

17

Student circular


11/11/2024.

The Department of Computer Science organizing a One-Day National webinar titled "Python Essentials: From Foundations to Data science Applications" on 12/11/2024 from 10:00 a.m. to 4:00 p.m.

This webinar will provide students with essential skills in Python Programming, data analysis with Pandas, machine learning, guided by experts from esteemed institution. e-certificates will be awarded to attendees.

- N.S. Dutt.

H. Ramiah

  
PRINCIPAL  
GOVT. DEGREE COLLEGE  
AVANIGADDA, Krishna Dist.

I BSc - 3

II Bcom - 4

III B.Sc - N.S. Dutt.

WEBINAR INVITATION



**GOVT. DEGREE COLLEGE**

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**AVANIGADDA, NAAC - B<sup>++</sup>**

ISO 21001:2018, ISO 14001 :2015, ISO 50001 : 2018



**INVITATION**

**The Department  
of**

**Computer Science**

**Cordially Invites You to the**

**One Day National Webinar**

**on**

**“Python Essentials:**

**From**

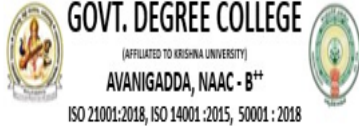
**Foundations to Data Science Applications”**

**Date: 12-11-2024.**

**Time: 10.00 A.M. TO 4 P.M.**

**VENUE:COMPUTER LAB1.**

# WEBINAR BROCHURE



**GOVT. DEGREE COLLEGE**  
(AFFILIATED TO KRISHNA UNIVERSITY)  
**AVANIGADDA, NAAC - B<sup>++</sup>**  
ISO 21001:2018, ISO 14001 :2015, 50001 : 2018

**ONE DAY  
NATIONAL WEBINAR  
ON  
Python Essentials: From  
Foundations to Data Science  
Applications.**

**12-11-2024**

**TIME: 10.00 A.M. to 4.00 P.M.  
VENUE: COMPUTER LAB-1.**

**Organized  
By  
Department of  
Computer Science,  
Govt. Degree College,  
Avanigadda.**

## About the College

Govt. Degree College, Avanigadda was started in the year 1977, to uplift the living conditions of Diviseema, an interior costal region of Andhra Pradesh where the lives of the people are much dependent on the mercy of nature to a maximum extent. The College was born when Sri.M.V. Krishna Rao, who was a son of the soil had become Education Minister of Andhra Pradesh, and used his good offices to establish a College in Avanigadda, a place which has access to all corners of Diviseema. The College was started with Arts and Commerce courses and further expanded with the introduction of science courses in the year 2001. As a result of a continuous striving for excellence by the faculty of Science Departments. The College works with a vision to provide holistic education that makes the Island Area, a land of law-abiding citizens that respects the sovereignty of the state and ready to serve the country, to protect national integration and to respect the diversity in culture and ecosystem displaying scientific temperament and unified work and with amission to impact holistic education by identifying and expiring its core components, to inculcate moral values, legal awareness in the students and to create awareness of the need to protect the environment especially the rich and diverse ecosystem of the Island area. The College is accredited by NAAC with B<sup>++</sup> with CGPA 2.96.

## About the Department

The **Department of Computer Science** at Government Degree College, Avanigadda, is dedicated to delivering high-quality education and training in the dynamic field of computer science. The department's mission is to equip students with essential technical skills, analytical abilities, and industry-relevant knowledge, preparing them for successful careers in technology and research.

**Mrs. N. Swarna Jyothi**, Lecturer in Computer Science with an M. Tech and pursuing Ph.D., is actively engaged in research and committed to fostering an environment that encourages innovation and critical thinking.

**Mr. M. Rama Rao**, Lecturer in Computer Science, holding an M.C.A degree, brings a wealth of knowledge and practical expertise to the classroom.

## About the Program

The National Webinar on "Python Essentials: From Foundations to Data Science Applications" is a meticulously designed program aimed at providing a comprehensive foundation in Python programming, data analysis, and machine learning fundamentals.

Tailored for students, educators, and professionals, this webinar will walk participants through Python basics, data handling, and analysis techniques, concluding with an introduction to machine learning.

This enriching experience includes sessions led by experienced resource persons from esteemed institutions, covering critical areas such as Python syntax and modules, data visualization with Pandas, and machine learning basics. Each session is designed to be interactive and insightful, equipping attendees with valuable skills for both academic and professional growth.

**Speakers**

**Resource Person: 1**



**Dr. PREMKUMAR BORUGADDA**  
M.Tech., Ph.D. (AI & ML)  
Assistant Professor, Ashoka School of Business,  
Hyderabad

**Resource Person: 2**



**Dr. Billa Laxma Reddy**  
B.Tech, M.Tech, Ph.D  
Solution Engineer (AI/ML), Einfochips,  
Hyderabad

**Resource Person: 3**



**SHAPRAPAWAD SNEHIT**  
Associate Analyst (AI/ML) || Tech  
Mahindra, Bangalore

**Patron**

**Dr.D. Uma Rani, Ph.D.**  
Principal.

**Convener**

**N. SWARNA JYOTHI,**  
Department of Computer Science.

**Registration Link:**

<https://forms.gle/H8jREhg6nUHbKsz7>

**No Registration Fee**

**Advisory Committee**

R. Anka Rao,  
Lecturer in Commerce, Vice Principal.  
Dr.P.B. Sandhya Sri,  
Lecturer in Physics, IQAC Coordinator.

**Organizing Committee**

M. Rama Rao,  
Member, Lecturer in Computer Science.

**Student Members**

S. Akshitha  
Student, III B.Sc. MPCS  
K. Charan  
Student, I B.Sc. Computers Major

For Queries contact :9492489964, 9550281406.  
Mail: [gdcjkc.avanigadda@gmail.com](mailto:gdcjkc.avanigadda@gmail.com)

## WEBINAR PROGRAMME SHEET



**GOVT. DEGREE COLLEGE**

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AVANIGADDA, NAAC - "B++"Grade (2.96 CGPA)  
ISO 21001:2018, ISO 14001:2015, ISO 50001:2018



**One Day National Webinar**

**On**

**PYTHON ESSENTIALS:**

**FROM**

**FOUNDATIONS TO DATA SCIENCE APPLICATIONS**

**Programme sheet**

**10:00 a.m.:** Inviting Guests by N. Swarna Jyothi,

**Department of Computer Science.**

**10:10 a.m.:** Opening Remarks by Dr. D. Uma Rani,

**Principal, Govt. Degree College, Avanigadda.**

**10:20a.m.-11:30a.m.:** Technical Session 1

**11:30a.m.-01:00p.m.:** Technical Session 2

**01:00p.m.-02:00p.m.:** Lunch Break

**02:00p.m.-04:00p.m.:** Technical Session 3

**04:00p.m.-04:15p.m.:** Valedictory

## **REPORT**

The One Day National Webinar on "Python Essentials: From Foundations to Data Science Applications" organized by the Department of Computer Science at Govt. Degree College, Avanigadda, successfully introduced participants to key concepts in Python programming and its applications in data science. The event focused on equipping students with essential programming skills, exploring data visualization techniques, and understanding the basics of machine learning. 100 undergraduate students attended from various government degree colleges, including Govt. Degree College, Mova, and GDC Repalle, on 12-11-2024.

### **TECHNICAL SESSIONS**

The webinar featured three expert-led sessions. Dr. K. Premnadh covered Python syntax, data types, functions, and modules, emphasizing best coding practices.

Dr. A. C. Priya Ranjani explained data visualization using Pandas, focusing on DataFrames and data manipulation techniques.

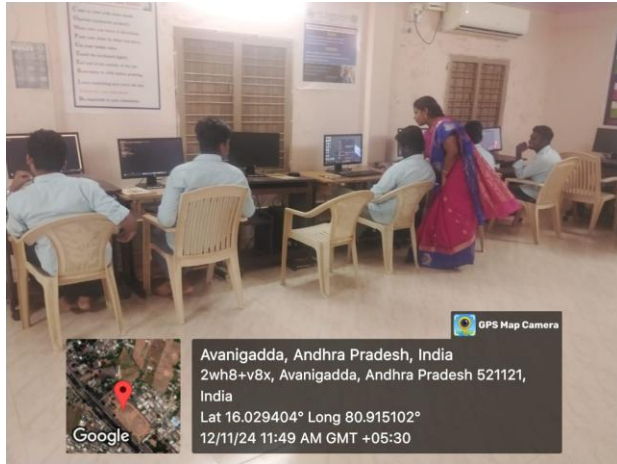
Mrs. T. Sumallika introduced machine learning basics, covering supervised and unsupervised learning with hands-on demonstrations.

Each session included an interactive Q&A, allowing participants to clarify doubts and gain deeper insights. The event was well-received, with positive feedback highlighting the practical applications discussed.

### **CONCLUSION**

The "Python Essentials: From Foundations to Data Science Applications" webinar was a success, fostering knowledge sharing and skill development. The Department of Computer Science, Govt. Degree College, Avanigadda, extends its thanks to the speakers, organizers, and participants for making this event a valuable learning experience.

## GLIMPSES OF THE WEBINAR

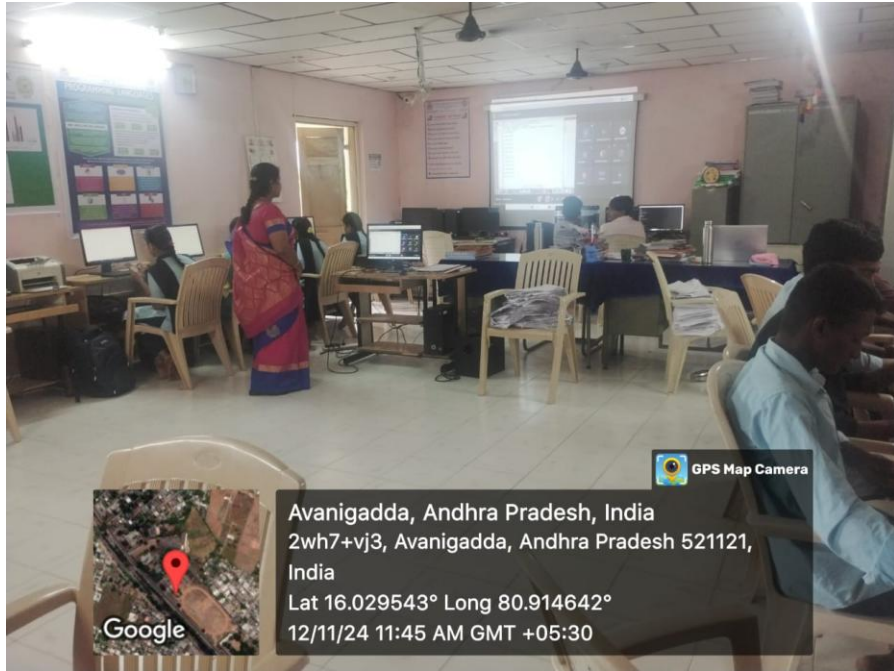


**Welcome note by**  
**N. Swarna Jyothi,**  
**Lecturer in Computer Science.**

**Delivering opening remarks by**  
**Dr. D. Uma Rani,**  
**Principal.**



**Participants from Govt. Degree**  
**College,AvaniGadda**  
**at venue computer lab 2.**



**Participants from Govt. Degree Avaniigadda,  
at venue Computer Lab-1.**



**Participants from Govt. Degree Movva,  
at venue Computer Lab**



**The Department of Computer science along with the participants from Government Degree College, Movva.**

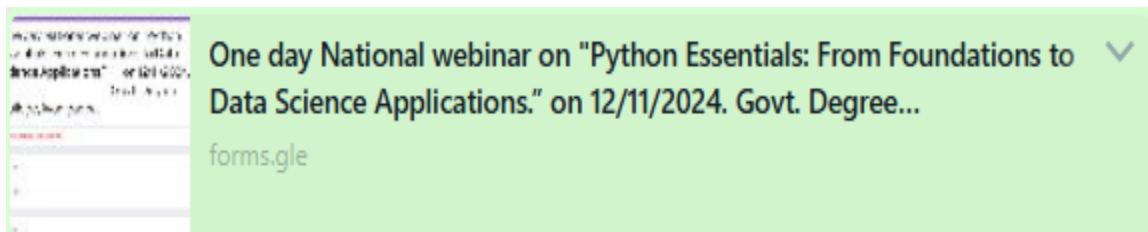


**Faculty of the Department of Computer science along with the participants from Sri ABR Government Degree College, Repalli Repalle.**

## REGISTRATION

Registration link: <https://forms.gle/H8jfREhg6nUHbKsz7>

Registration done by participants belongs to various collages.



Respected Sir/Madam,

🌸🌸 Greetings from the Department of Computer Science, Government Degree College, Avanigadda, Krishna District, Andhra Pradesh.

We are pleased to invite you to a One-Day National Level Webinar on "Python Essentials: From Foundations to Data Science Applications" on 12/11/2024 (Tuesday), from 10:00 AM to 4:00 PM at Computer Lab-1.

Link for Registration: <https://forms.gle/H8jfREhg6nUHbKsz7>

WhatsApp Group Link: <https://chat.whatsapp.com/C36Sxwqu5xfHZsr9jQkNyH>

Please share this brochure among your faculty, research scholars, and students. We encourage everyone to join this enriching session.

meet.google.com

<https://meet.google.com/pbs-mwmy-rev>

meet.google.com

To join the video meeting, click this link: <https://meet.google.com/pbs-mwmy-rev>

Otherwise, to join by phone, dial +1 530-395-0947 and enter this PIN: 856 835 296#



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AVANIGADDA, NAAC- B<sup>++</sup>

ISO 21001 : 2011, ISO 14001 : 2015, 50001 : 2018



DEPARTMENT OF COMPUTER SCIENCE

STUDENT ATTENDANCE SHEET

Name of the Programme: National Webinar Python Essentials

Date:

| S.No. | Name of the Student | Class/Group                      | Signature of the Student |
|-------|---------------------|----------------------------------|--------------------------|
| 1     | J. AKASH            | II <sup>nd</sup> B.com (General) | J. Akash                 |
| 2     | K. Leela Praveen    | II <sup>nd</sup> B.com (General) | K. Leela Praveen         |
| 3     | Ch. Keerthi         | II <sup>nd</sup> B.COM (General) | Ch. Keerthi              |
| 4     | D. Nishitha         | II B.com (Gen)                   | D. Nishitha              |
| 5     | Ch. Durgasi         | II B.com (general)               | Ch. Dapi                 |
| 6     | G. Chaturya         | I BSC (computers)                | G. Chaturya              |
| 7     | V. Praveena Rani    | III B.Sc (com)                   | V. Praveena Rani         |
| 8     | B. marikanta        | 2 <sup>nd</sup> B.sc (comp)      | B.M.K.                   |
| 9     | K. Navya            | III B.Sc (com)                   | K. Navya                 |
| 10    | K. Govardhana       | III B.Sc (com)                   | K. Govardhana            |
| 11    | N. Sujana           | III B.Sc (com)                   | N. Sujana                |
| 12    | Ch. Gayathri Devi   | 2 <sup>nd</sup> BSC (com)        | Ch. Gayathri Devi        |
| 13    | M. Bharath Kumar    | 1 <sup>st</sup> BSc (Comp)       | M. Bharath Kumar         |
| 14    | G. Akhil            | 1 <sup>st</sup> BSC (comp)       | G. Akhil                 |
| 15    | Ch. Janaki          | 2 <sup>nd</sup> B.Sc (com)       | Ch. Janaki               |
| 16    | K. Charan Venkatesh | 1 <sup>st</sup> BSC (com)        | K. Charan Venkatesh      |
| 17    | N. Vasu             | 1 <sup>st</sup> BSC (com)        | N. Vasu                  |
| 18    | Y. U. V. N. Rajesh  | 1 <sup>st</sup> BSC (com)        | Y. U. V. N. Rajesh       |
| 19    | B. Surendra         | III <sup>rd</sup> B.Sc (Comp)    | B. Surendra              |
| 20    | A. Chaitanya        | III BSC (Comp)                   | A. Chaitanya             |
| 21    | M. Sini             | 2 BSC (comp)                     | M. Sini                  |
| 22    | D. Chinni           | 2 BSC (comp)                     | Chinni                   |
| 23    | N. Siva Sankar      | 2 <sup>nd</sup> BSC (com)        | N. Sivasankar            |
| 24    | C. Durga Prasad     | 2 <sup>nd</sup> Bsc (com)        | C. Durga Prasad          |
| 25    | P. Dinakar          | 1 <sup>st</sup> Bsc (com)        | P. Dinakar               |
| 26    | K. Rohit            | 2 <sup>nd</sup> Bsc (com)        | K. Rohit                 |

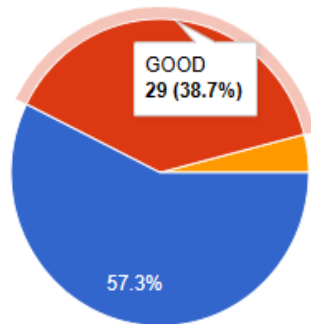
# FEEDBACK

Feedback link: <https://forms.gle/p1wqYYodZknCZ8cv6>

## Preparation levels

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75 responses

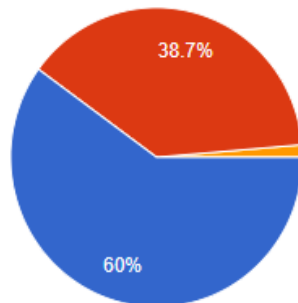


- VERY GOOD
- GOOD
- AVERAGE

## Content

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75 responses

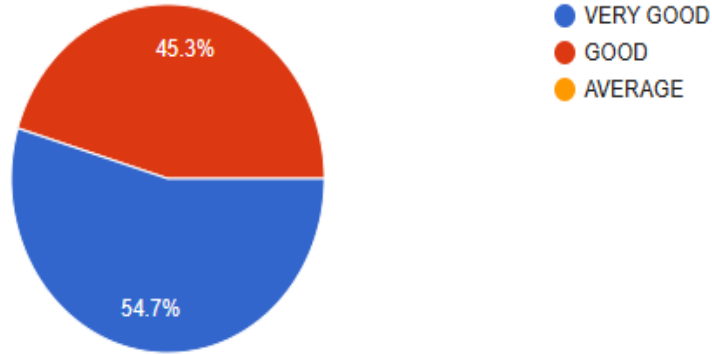


- VERY GOOD
- GOOD
- AVERAGE

### Communication skills

75 responses

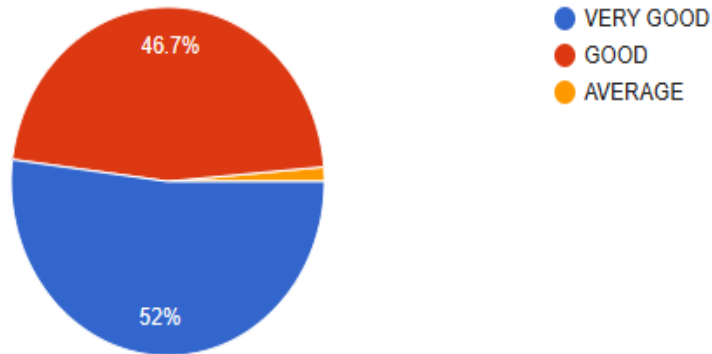
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### Relevance to the Topic

75 responses

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**PRINCIPAL**

**Convenor:**

*N. S. Jyothi*

**N.SWARNA JYOTHI**

  
Principal  
GOVT. DEGREE COLLEGE  
AVANIGADDA, Krishna Dt. 521121.