

One day Workshop On Machine Learning Using Python

22nd April, 2019



**Organized by
Department of Computer Science & Engineering
Faculty of Engineering & Technology
Gurukula Kangri Vishwavidyalaya, Haridwar**

About the University:

Gurukula Kangri University was founded by Swami Shraddhanandaji with the sole aim to revive the ancient Indian Gurukula System of education, on the bank of river Ganges near Haridwar. This institution was established with the objective of providing an indigenous alternative to **Lord Macaulay's** education policy by imparting education in the areas of Vedic Literature, Indian Philosophy, **Yogic Science, Indian Culture**, Modern Sciences and Research. The university has adopted and promoted **Yoga as a daily life style, value education and traditional culture** for all its students in its Gurukula education system since its existence in 1902.

About the Faculty of Engg & Tech:

The Faculty of Engineering & Technology was established with a view to provide technical education in surroundings of spiritual and Gurukula system of education. Gurukula Kangri Vishwavidyalaya, Haridwar is known in India and abroad for the process of character building of the students through their moral and physical development. Keeping the same ideals in mind, management of the Vishwavidyalaya felt the need of technocrats with strong moral character, superior knowledge, who can serve the nation during this era of transition from materialism to a balance of materialism and spiritualism. The Faculty of Engineering & Technology was established year 2000 at present it is running B.Tech. in Computer Science & Engineering , Electronics & Communication Engineering ,Electrical Engineering and Mechanical Engineering ..

About the Department:

The Computer Science & Engineering department was established in the year 2000. It is the pioneer department of Faculty of Engineering & Technology. It provides knowledge of subjects/languages like C, C++, Data Structures, Java, VC++, Compiler, Cloud Computing, Software Project Management, Cryptography etc. with an opportunity to have experience of industry and projects. Department has been declared "Centre of Excellence" by IBM under which staff and student get Training/Certification on latest technologies like DB2/RAD, BlueMix etc.

About the workshop:

Advancements in field of internet, computer systems have opened up access to field of machine learning, artificial intelligence and data science etc. The workshop aims to provide the knowledge of python and its supporting libraries to explore the area of machine learning. Hands on training shall be imparted by the speaker.

Objectives of the Workshop:

The objective of this workshop on machine learning with python is to help students get a basic understanding of machine learning with python and its application, as well as aid those who wish to pursue their learning in field of Data science.

Topics : Fundamentals of Python (including, classes and file handling)

Pandas and Numpy module (data analysis)

Matplotlib module (Data visualization)

Speaker: Dr. Pooja

Academician with 13+ years of Experience in teaching UG/PG classes and 05 years of Research Experience with more than 65 publications in various International and national Journals/conferences. Supervised 18 M.Tech Scholars.

Ph.D in Pattern Recognition and Image Processing from NIT, Jalandhar.

Target Group: Research scholars, Students/Teaching faculties of Universities and Colleges of India

Registration Details:

- For External Student- Rs. 800/- (outsiders)
- For Internal Student- Rs. 500/-
- For Faculty Rs. 1500/-
- Registration fee include- Workshop kit, Participation certificate, tea, snacks and Lunch only (Excluding Accommodation)
- Accommodation can be availed on request
AC/Non-AC, shared accommodation will be provided on first come first serve basis only after registration, according to availability. (7 days advance information is necessary)

Important Dates:

Last Date for Registration: 15th April,2019

Note: The participants are requested to register by sending the dully filled registration form through e-mail along with their scan copy of DD or transaction number or pay in slip. Original Form and Payment Slip to be submitted at the spot before attending workshop.

Payment by DDs: DDs should be drawn in favour of “Registrar, Gurukula Kangri Vishwavidyalaya” payable at any branch in Haridwar, Uttarakhand, India.

Payment by money transfer: the details are as follows:

- **Name of the beneficiary: “Registrar, Gurukul Kangri Vishwavidyalaya”**
- **Name of the Bank: Punjab National Bank**
- **Name of the Branch: Gurukul Kangri, Haridwar**
- **Account No. : 40630002100000240**
- **IFSC/RTGS: PUNB0406300**

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On
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(Please fill-up the form in Capital letters)

1. Prof./Dr./Mr./Ms./ :2. Gender: Male /Female

3. Institution/University.....

4. Designation:.....

5. Address (with postal code).....

.....

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7. Mob. No : E-mail :

8. I wish to have accommodation: (YES/NO)

10. Please tick appropriate

Registration Fee: External Student 800/-

Internal Student 500/-

Faculty 1500/-

11. Payment information

Please find enclosed herewith a DD/ Receipt No.: Dated :

For Rs. drawn in favour of **Registrar, Gurukul Kangri
Vishwavidyalaya**. Haridwar

Note: If you are registering as student please provide student ID.

Date :

(Signature of the Applicant)

Forwarding authority

Sign and stamp

Organizing committee

Workshop Chairman

Dr. Sunil Panwar

Dean, Faculty of Engineering & Techonology,
Gurukula Kangri Vishwavidyalaya, Haridwar

Convener

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Organising Committee

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Namit Khanduja (**Organising secretary**)

Nishant Kumar (**Technical convener**)

Ashwani

Devanand Joshi

Anuj Ror

Ombeer Singh

Chander Rana

Suysash Bharadwaj (**Accommodation Convener**)

Dr. Mukesh Chand

Devanand Joshi

Anuj Ror

Ombeer Singh

Chander Rana

Agam Goyal (**Registration Convener**)

Vipin Kumar

Vivudh Fore (**Food Convener**)

Shashank Sharma

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