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ONE DAY NATIONAL WORKSHOP ON

Data Analytics & Machine Learning: A Practical Approach using Weka & Python

30th January 2026

Sponsored by:
Dept. of Higher Education, Haryana



Organised by
Department of Computer Science
In Collaboration with IQAC
Government P.G. College For Women, Rohtak, Haryana

About the College

Government P.G. College for Women, Rohtak, established in 1959, is one of the oldest and most prestigious women's institutions in Haryana. Affiliated with Maharshi Dayanand University, Rohtak. It offers quality higher education exclusively to girl students and was awarded a 'B++' grade by NAAC in 2023. The college provides a wide range of UG and PG programmes in Arts, Science, and Commerce, supported by experienced faculty. With a student strength of over 6,000, the institution emphasizes holistic development through academics and co-curricular activities, guided by its motto "Know Thyself," to empower women as confident and responsible citizens.

About the Department

The Department of Computer Science was established in 1994 with an intake of just 30 students and a single programme, B.Sc. Computer Science. Since its inception, the department has upheld a distinguished legacy and has nurtured a large number of successful graduates who have excelled in diverse fields such as academics, software development, data analytics, research, entrepreneurship and IT services. The department's steady and rapid growth is reflected in the wide range of programmes offered and the distinctive nature of its courses. At present, the department offers the following courses:
B.Sc.(CS), APGDCA, BCA & M.Sc.(CS)

About the Workshop

The workshop on "Data Analytics and Machine Learning: A Practical Approach using Weka and Python" is designed to provide participants with hands-on exposure to modern data analysis and machine learning techniques. The programme will focus on practical implementation using industry-relevant tools such as Weka and Python, enabling participants to understand data preprocessing, model building, and performance evaluation. Through real-world examples and interactive sessions, the workshop aims to bridge the gap between theoretical concepts and practical applications, equipping learners with essential skills required for data-driven decision-making and intelligent system development.

The key objectives of the workshop: To introduce participants to the fundamentals of Data Analytics and Machine Learning through a practical, hands-on approach.

To familiarize learners with widely used tools such as Weka and Python for data preprocessing, analysis, and model development.

Advisory Board

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Program Schedule of the Workshop

Session 1	Session 2	Session 3	Session 4
10:45-12:00	12:00-1:15	1:45-3:00	3:00-4:15
Data Analytics using Weka-I	Data Analytics using Wek-II	Data Analytics using Python- I	Data Analytics using Python- II

Inaugural & KeyNote Addressing- 9:30- 10:30

Tea Break - 10:30-10:45

Lunch Break - 1:15- 1:45

Tea Break - 4:15 -4:30

Valedictory Session - 4:30 pm onwards

Entries will be considered on First Come First Serve basis only