

CERTIFICATE COURSE

Online Social Networks : Analysis and Mining



**ABV-Indian Institute of
Information Technology and
Management Gwalior
(An Institute of National
Importance, Ministry of
Education, Govt. of India)**

08.02.2025

Offline Mode Only



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ABV-IIITM Gwalior

Atal Bihari Vajpayee Indian Institute of Information Technology & Management Gwalior, established in 1997 by the Ministry of Human Resource Development, Government of India, is India's premier institute offering quality education in Information Technology and Management. ABV-IIITM focuses on excellence in education, fosters research and collaborations with both academia and Industry. Certified as NAAC 'A' and declared as an Institute of National Importance.

Department of IT

The department being the flagship bearer of the institute since the beginning envisions to produce world class IT professionals, researchers, innovators, and entrepreneurs by enabling them to take up real life challenges. We offer integrated Masters in Technology and Management along with MTech in Wireless Networks and Computing, and Ph.D. programs while actively engaging in outreach, academic and industry collaborations.

**This Workshop is funded by
Technology Innovation and
Incubation Centre (TIIC),
ABV-IIITM Gwalior.**

Introduction

Social networks, a major part of online media, provides platform for interactions among users, spread of information and news across the globe. A majority of the world's population is well-connected through different platforms, such as, Twitter, Instagram, LinkedIn, Youtube, Quora, and many others.

Through this workshop, we will initially provide an overview of the different applications of online social networks, specifically, in Twitter followed by an understanding of the underlying mechanisms and insights in development of real-time applications.

Course Objectives

- To introduce participants to online social networks and its applications.
- To provide a platform for dataset access, collection and analysis for real-time applications.
- To offer a comprehensive overview of the underlying mechanisms of network science and text mining concepts.
- To provide application oriented hands-on-sessions.

Programme Details

- Introduction to Online Social Networks
- Text mining approaches and network theory concepts for analysis and mining
- In-depth practise session that covers data collection and analysis of Twitter along with applications
- Mode of the course: Offline
- Certificates and High tea will be provided
- No TA/DA will be provided to the participants

Eligibility

This course is open to all undergraduate and post graduate students, Ph.D. scholars, Faculty, who are interested to understand about an overview of the concepts and applications of online social networks with Practise Session in Python.

Schedule

Inaugural Session (10 am to 10. 20 am)

High Tea (10.20 am to 10.30 am)

Talk I : Introduction to OSN (10.30 am to 11.30 am)

Talk II: Expert Lecture (11.30 am to 1 pm)

Lunch (1 pm to 2 pm)

Talk III : Applications on OSN : Echo Chambers (2 to 3 pm)

High Tea (3 pm to 3.15 pm)

Practise Session (3.15 to 4.30 pm)

Chief Patron

Prof. S. N. Singh

Director, ABV-IIITM Gwalior, India

Patrons

Prof. Mahua Bhattacharya

HoD(IT), ABV-IIITM Gwalior, India

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Dr. Manoj Kumar Dash,

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Dr. Roshni Chakraborty

Assistant Professor (IT),
ABV-IIITM Gwalior, India

Dr. Md. Shad Akhtar

Assistant Professor (CSE)
IIIT Delhi, India

Registration Details

- ABV-IIITM Affiliated Participants: **Free**
- Outside ABV-IIITM Participants: Rs.500/-
- **Registration link:** Please fill out registration using the following link.
[Registration Form](#)
- **Last Date For Registration:** 03.02. 2025

Online Payment Details

- **Registration fee payment should be made to [ABV-IIITM Gwalior]**

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| Beneficiary Name | ABV IIITM FDP Account |
| Bank Name | Bank of India |
| A/C No. | 945210110009380 |
| IFSC Code | BKID0009462 |
| Bank Address and Branch | IIITM Branch, Gwalior |

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Contact Details

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