



Shiv Chhatrapati Shikshan Sanstha's  
Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)

Department of Computer Science

### Teaching Plan

Timetable Duration: July 2025 to November 2025

Name of the Teacher: **Arun Shinde**



### Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
M Sc CS SY	A	Machine Learning	602COS3102	45

### Summary of Lesson Plan

Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
Unit I Foundations of Machine Learning: From Theory to Practice	10	23/06/2025 To 16/07/2025	Case Studies on successful Machine Learning Applications	Surprise Test
Unit II Practical Machine Learning: From Classification to Regression Models	10	21/07/2025 To 13/08/2025	--	CAT I
Unit III Advanced Machine Learning Techniques: From Training Models to Ensemble Learning	15	18/08/2025 To 22/09/2025	Data analysis: Provide datasets for students to analyze and apply ML techniques.	CAT II
Unit IV Neural Networks and Deep Learning	10	23/09/2025 To 13/10/2025	Model evaluation Contest: Students shall evaluate and compare different ML models.	Mid Term

Teacher

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**Arun Shinde**

HOD

Head

Dept. of Computer Science  
Rajarshi Shahu Mahavidyalaya, Latur

Principal

**PRINCIPAL**

Rajarshi Shahu Mahavidyalaya, Latur  
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Timetable Duration: July 2025 to November 2025

Name of the Teacher: **Arun Shinde**



**Details of Classes to be taught**

Class	Division	Course Title	Course Code	Total Teaching Hrs
M Sc CS SY	A	IoT & Cloud	602COS3201	45

**Summary of Lesson Plan**

Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
Unit I Introduction to IoT and Cloud Integration	9	26/06/2025 To 12/07/2025	IoT project development: Student shall do projects that involve building IoT systems using development boards like Raspberry Pi,	CAT I
Unit II Cloud Services for IoT & Data management	11	17/07/2025 To 09/08/2025	IoT protocol analysis: Analysis and comparison of different IoT protocols like MQTT, CoAP, or HTTP.	CAT II
Unit III Security and Privacy in IoT and Cloud	11	14/08/2025 To 06/09/2025	--	--
Unit IV Edge Computing, Hybrid Architectures and Case Studies	14	11/09/2025 To 10/10/2025	Smart system design: Students shall design and develop smart systems using IoT technology.	Mid Term

*Arun*

Teacher

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*Arun Shinde*

*Raj*

HOD

Head

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*SB*

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