



Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur
(Empowered Autonomous Institution)
Faculty of Science & Technology
Department of Physics and Electronics
Teaching Plan (Odd Semester)
(July 2026 to October 2026)

1. Details of Classes to be taught

Class	Name of the faculty	Course Nature	Course Title	Course Code	Total Lectures	Days
B.Sc. II Sem. III	Mahesh Balaji Balwade	Minor	Principle of Electronics	201ELE3301	45 (3-credits)	Mon - Wed

2. Summary of Lesson Plan

Unit No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Tests / Assignments
I	Basic Circuit Concepts	11	06-07-2026 to 22-07-2026		
II	Network Theorems	11	27-07-2026 to 17-08-2026	Quiz	CAT-I (28-07-2026 to 31-07-2026)
III	Semiconductor Devices	12	18-08-2026 to 16-09-2026		CAT-II (17-08-2026 to 22-08-2026)
IV	Rectifiers and Voltage Regulators	11	28-09-2026 to 21-10-2026		CAT-III MCQ (21-09-2026 to 27-09-2026)

Date: 04/07/2026

Teacher
Mahesh Balaji
Balwade

Dr. A. A. Yadav

HEAD

Department of Physics & Electronics
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

Principal
Dr. M. H. Ghavane

PRINCIPAL



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1.Details of Classes to be taught

Class	Name of the faculty	Course Nature	Course Title	Course Code	Total Lectures	Days
B.Sc. II Sem. III	Mahesh Balaji Balwade	DSC	Mathematical Physics and Transducers	201PHY3102	45 (3-credits)	Thu-Sat

2.Summary of Lesson Plan

Unit No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Tests / Assignments
I	Vector analysis	12	04-07-2026 to 31-07-2026		CAT-I (27-07-2026 to 31-07-2026)
II	Complex numbers and Complex variables	10	01-08-2026 to 22-08-2026	Student presentation	CAT-II (17-08-2026 to 22-08-2026)
III	Fourier series and Laplace transform	12	27-08-2026 to 03-10-2026		CAT-III MCQ (21-09-2026 to 27-09-2026)
IV	Transducers	11	08-10-2026 to 17-10-2026		

Date: 04/07/2026


Teacher
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1. Details of Classes to be taught

Class	Name of the faculty	Course Nature	Course Title	Course Code	Total Lectures	Days
M.Sc. II Sem. III	Mahesh Balaji Balwade	Major	Nuclear and Particle Physics	601PHY3102	45 (3-credits)	Mon - Wed

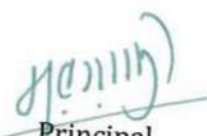
2. Summary of Lesson Plan

Unit No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Tests / Assignments
I	Constitution of the atomic nucleus and nuclear reaction	12	06-07-2026 to 29-07-2026		CAT-I (27-07-2026 to 31-07-2026)
II	Nuclear Models	11	3-08-2026 to 24-08-2026	Quiz	CAT-II (17-08-2026 to 22-08-2026)
III	Detection of nuclear radiation and charged particle accelerators	11	25-08-2026 to 28-09-2026		CAT-III MCQ (21-09-2026 to 27-09-2026)
IV	Elementary particles	11	29-09-2026 to 21-10-2026		

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