

# GOVERNMENT DEGREE COLLEGE JAMMALAMADUGU



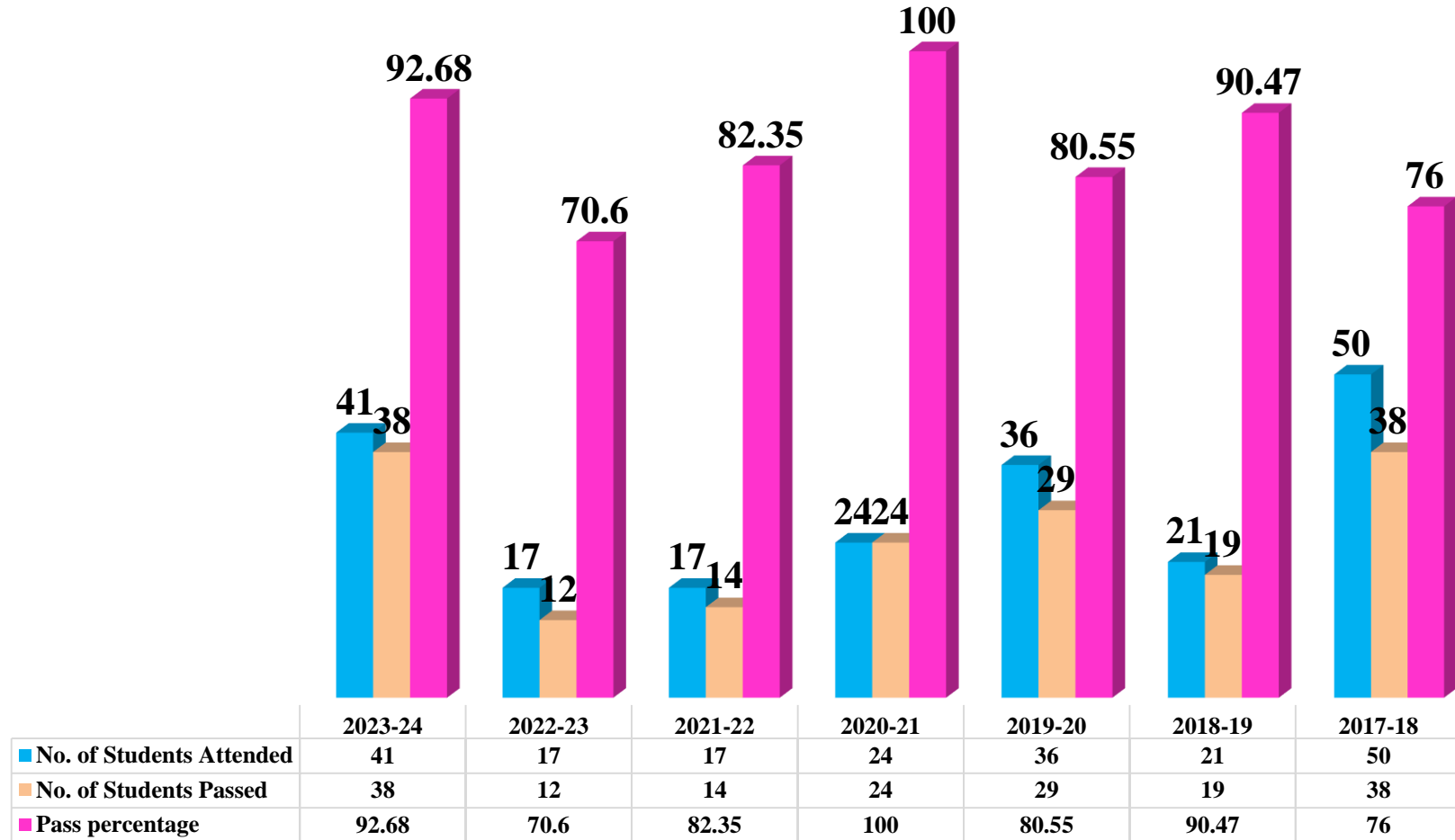
**DEPARTMENT OF PHYSICS**

**RESULT ANALYSIS**

**ACADEMIC YEAR 2017 to 2024**



### No. of Physics Students attend all semesters Examination



■ No. of Students Attended    ■ No. of Students Passed    ■ Pass percentage

# DEPARTMENT OF PHYSICS

## Result analysis of B. Sc (Physics) & B. Sc (MPC) 2023-24

SEM	Paper	Name of the paper taught	No. Of passed in the following Grade							No. of Students Attended	No. of Students Passed	Pass percentage
			O	A+	A	B+	B	C	P			
I	Peper-I	Essentials of Mathematical, Physical and Chemical sciences				3			1	5	4	80
	Peper-II	Advances in Mathematical, Physical and Chemical sciences		3	1		1			5	5	100
II	Paper-III	Mechanics and Properties of matter		1	2	2				5	5	100
	Paper -IV	Wave & Oscillations			1	3	1			5	5	100
III	Peper-III	Heat and Thermodynamics					1			2	1	50
IV	Paper -IV	Electricity, Magnetism& Electronics				1				2	1	50
	Paper- V	Modern Physics						2		2	2	100
V	Paper- 6C	Applications of Electricity and Magnetism			2	1		2		5	5	100
	Paper- 7C	Electronic Instrumentation								5	5	100
VI	Long-term Internship				1	2		2		5	5	100
No.of Physics Students in all semesters									41	38	92.68	

**ANALYSIS:** The performance of the students of III semester in **Heat and Thermodynamics** was less compared to other semesters and other subjects

**ACTION TAKEN:** Extra classes and separate materials are to be given to the students who performed less in the **Heat and Thermodynamics** paper of III semester so that their performance is to be improved.

# DEPARTMENT OF PHYSICS

## Result analysis of B. Sc (MPC) 2022-23

SEM	Paper	Name of the paper taught	No. Of passed in the following Grade							No. of Students Attended	No. of Students Passed	Pass percentage
			O	A+	A	B+	B	C	P			
I	Peper-I	Mechanics and Wave & Oscillations						2		6	2	33.33
II	Paper-II	Wave Optics		1						1	1	100
III	Peper-III	Heat and Thermodynamics		1					1	2	2	100
IV	Paper -IV	Electricity, Magnetism& Electronics					1	3		4	4	100
	Paper- V	Modern Physics				1	1	1		4	3	75
V	Paper- 6C	Applications of Electricity and Magnetism								NIL	NIL	NIL
	Paper- 7C	Electronic Instrumentation								NIL	NIL	NIL
VI	Long-term Internship									NIL	NIL	NIL
No.of Physics Students in all semesters									17	12	70.6	

**ANALYSIS:** The performance of the students of I semester in Mechanics and Wave & Oscillations, IV semester in Electricity, Magnetism& Electronics was less compared to other semesters and other subjects

**ACTION TAKEN:** Extra classes and separate materials are to be given to the students who performed less in the papers of I and IV semester so that their performance is to be improved.

# DEPARTMENT OF PHYSICS

## Result analysis of B. Sc (MPC) 2021-22

SEM	Paper	Name of the paper taught	No. Of passed in the following Grade							No. of Students Attended	No. of Students Passed	Pass percentage
			O	A+	A	B+	B	C	P			
I	Peper-I	Mechanics and Wave & Oscillations				1		1		5	2	40
II	Paper-II	Wave Optics					3	1		4	4	100
V	Paper -IV	Electricity, Magnetism& Electronics		1	1			1		3	3	100
	Paper- V	Modern Physics		2		1				3	3	100
VI	Paper- VI	Analog and Digital electronics				2				2	2	100
No.of Physics Students in all semesters									17	14	82.35	

**ANALYSIS:** The performance of the students of I semester in Mechanics and Wave & Oscillations was less compared to other semesters and other subjects

**ACTION TAKEN:** Extra classes and separate materials are to be given to the students who performed less in the Mechanics and Wave & Oscillations paper of I semester so that their performance is to be improved.

**DEPARTMENT OF PHYSICS**  
Result analysis of B. Sc., (MPC & MPCS) 2020-21

SEM	Name of the paper taught	No. Of passed in the following Grade							No. of Students Attended	No. of Students Passed	Pass percentage
		O	A+	A	B+	B	C	P			
Peper-I	Mechanics and Wave & Oscillations								0	0	0
Paper-II	Wave Optics								0	0	0
Peper-III	Wave Optics			1		1	1		3	3	100
Paper -IV	Thermodynamics		1	1		1			3	3	100
Paper- V	Electricity, Magnetism& Electronics		1		2	2	1		6	6	100
Paper- VI	Modern Physics			1	1	3	1		6	6	100
Paper-VII	Analog and Digital electronics				2	2	2		6	6	100
No.of Physics Students in all semesters									24	24	100

ACTION TAKEN: Extra classes and separate materials are to be given to the students.

# DEPARTMENT OF PHYSICS

## Result analysis of B.Sc., (MPC & MPCS) 2019-20

SEM	Paper	Name of the paper taught	No. Of passed in the following Grade							No. of Students Attended	No. of Students Passed	Pass percentage
			O	A+	A	B+	B	C	P			
I	Peper-I	Mechanics& Properties of Matter					3	1		5	4	80
II	Peper-II	Waves & Oscillations		1	1	1		1		5	4	80
III	Peper-III	Wave Optics						2		5	2	40
IV	Peper-IV	Thermodynamics & Radiation Physics					1	4		6	5	83.33
V	Paper- V	Electricity, Magnetism& Electronics		1			2			3	3	100
	Paper- VI	Modern Physics			1	1	1			4	3	75
VI	Paper- VII	Analog and Digital Electronics		1	3		1			5	5	100
	Paper- VIII A1	Electronic devices and circuits	1							1	1	100
	Paper- VIII A2	Computational Methods and Programming		1						1	1	100
	Paper- VIII A3	Electronic Instrumentation		1						1	1	100
No.of Physics Students in all semesters									36	29	80.55	

**ANALYSIS:** The performance of the students of III semester in Wave Optics was less compared to other semesters and other subjects

**ACTION TAKEN:** Extra classes and separate materials are to be given to the students who performed less in the Wave Optics paper of III semester so that their performance is to be improved

**DEPARTMENT OF PHYSICS**  
**Result analysis of B.Sc ( MPC & MPCS ) 2018-2019**

SEM	PAPER	Name of the paper taught	No. Of passed in the following Grade						No. of Attended	No. of Passed	Pass percentage	
			O	A+	A	B+	B	C				P
I	Peper-I	Mechanics and Properties of matter					1	2		05	03	60
II	Peper-II	Waves and Oscillations		2		1	1			04	04	100
III	Peper-III	Wave Optics		2	2	1	1			06	06	100
IV	Peper-IV	Thermodynamics and Radiation Physics		2	1	1	2			06	06	100
No.of Physics Students in all semesters									21	19	90.47	

ANALYSIS: The performance of the students of I semester in Mechanics and Properties of matter was less compared to other semesters

ACTION TAKEN: Extra classes and separate materials are to be given to the students who performed less in the Mechanics and Properties of matter paper of I semester so that their performance is to be improved

**DEPARTMENT OF PHYSICS**  
**Result analysis of B.Sc., ( MPC & MPCS ) 2017-2018**

SEMESTER	PAPER	Name of the paper taught	No. Of passed in the following Grade							No.of Students Attended	No.of Students Passed	Pass percentage
			O	A+	A	B+	B	C	P			
I	Peper-I	Mechanics& Properties of Matter			2	1	2			6	5	83.33
II	Peper-II	Waves & Oscillations			1	1	1			6	3	50
V	Paper- V	Electricity, Magnetism& Electronics	1	1	2		1			7	5	71.43
	Paper- VI	Modern Physics		1	2		2			7	5	71.43
VI	Paper- VII	Analog and Digital Electronics		3		2				6	5	83.33
	Paper- VIII A1	Electronic devices and circuits	1	1	2		1			6	5	83.33
	Paper- VIII A2	Computational Methods and Programming	1	1	1	1				6	4	66.7
	Paper- VIII A3	Electronic Instrumentation	1		3	1	1			6	6	100
No.of Physics Students in all semesters									50	38	76	

ANALYSIS: The performance of the students of II semester in Waves & Oscillations was less compared to other semesters

ACTION TAKEN: Extra classes and separate materials are to be given to the students who performed less in the Waves & Oscillations paper of II semester so that their performance is to be improved