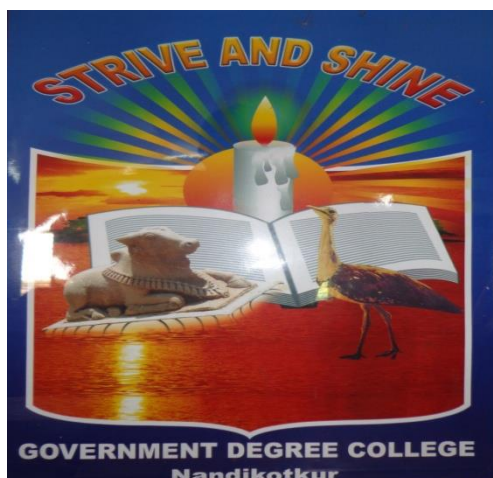


Government Degree College, Nandikotkur



1.1.1: The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

TEACHING DIARY 2018-19

GDC-NDK
TEACHING DIARY

Month June Week III Semester I, II, IV Year 2018-19

Date & Day	Class	Period/ Timings	Topic Covered / Co-Curricular Activity Conducted	Methodology Adopted	Teaching Aids used	No. of Students attended	Student Activity Assigned	Any other Activity
	IMPES P-V	V	Stern-Gierlacke experiment	Explanation	chart	04	Notes given	Diagram practice
	IMPES	VI	chromatic aberration	Explanation	Black board	05	Notes given	Diagram practice
16-06-18 (Sat)			Second Saturday Holiday					
17-06-18 (Sun)			Holiday being Sunday					
18-06-18 (Mon)			C.I.					
19-06-18 (Tue)	IMPES	I	Vector Integration	derivation	Black board	04	prepare notes	definitions asked
	IMPES	II	Achromatic doublet - Achromatism when two lenses in contact	Induction	Black board	04	problems given to solve	Diagram practice
20-06-18 (Wed)	IMPES P-V	I	practicals	Explanation	Black board	03	show practicals	Readings verified
	IMPES	II	Gauss theorem	Induction method	demonstration	04	Notes given	questions asked
	IMPES	III & IV	Stokes theorem	Induction method	Black board	04	Notes given	statement asked
21-06-18 (Thurs)	IMPES P-V	V & VI	practicals	Explanation	demonstration	05	Experiment done	Readings verified

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/ Reader

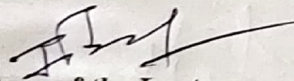
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Signature of the Principal

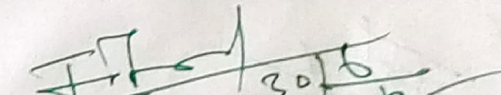
GDC-NDK
TEACHING DIARY

Month... June Week... II / IV Semester... I, II, IV Year... 2018-19

Date & Day	Class	Period/ Timings	Topic Covered / Co-Curricular Activity Conducted	Methodology Adopted	Teaching Aids used	No. of Students attended	Student Activity Assigned	Any other Activity
22-06-18 (Fri)	III MPES P-S	I	Potential due to uniformly charged sphere.	derivation	black board	04	notes given	formulas and numbers
	III MPES	II	Quantum numbers.	explanation	chart	04	notes given	learn quantum
23-06-18 (Sat)	III MPES P-S	III	Coupling schemes - L.S & J.J.	explanation	chart	04	notes given	learn definitions
24-06-18 (Sun)			Sunday					
25-06-18 (Mon)	III MPES P-S	I	laws of motion	explanation	learning by doing	04	prepare notes	laws and
	III MPES	II & III	Electric dipole moment & molecular polarizability	Deduction method	Black board	03	learn for exams	questions and
	III MPES P-VI	IV	Zeeman effect - experimental verification	explanation	chart	05	prepare notes for the topic	definitions and
	III MPES	V	Types of coherence - Spatial & temporal coherence	explanation	Black board	04	class notes write topic on your	types write different
26-06-18 (Tue)	III MPES	I	Motion of Variable mass System	explanation	learning by doing	05	prepare notes for given topic	Diagram practical
	III MPES	III	Fresnel's bi prism - Determination of wavelength of light	Demonstration	lab apparatus	04	notes given	Diagram practical
	III MPES	IV & V	practicals	Explanation	demonstration	04	Done practically	Read verified


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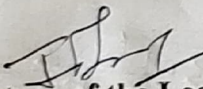

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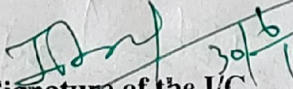

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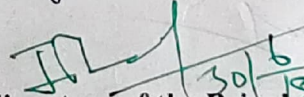
GDC-NDK
TEACHING DIARY

Month June..... Week IV..... Semester I, II, IV..... Year 2018-19.....

Date & Day	Class	Period/ Timings	Topic Covered / Co-Curricular Activity Conducted	Methodology Adopted	Teaching Aids used	No. of Students attended	Student Activity Assigned	Any other Activity
27-06-18 (Wed)	II MPES P-S	I	D, E & P relations, dielectric Constant & Susceptibility	Explanation	Black board	05	notes given	write formulas of D, E, P
	II MPES	II	Phase change on reflection	Explanation	chart	04	notes given	topic practice given
	III MPES P-S	IV & V	practicals	explanation	demonstration	05	practically done	Readings verified
	II MPES	VI	motion of rocket	Explanation	chart	05	notes given	practised diagram
28-06-18 (Thu)	II MPES	II	Equation of motion of rocket	Explanation	black board	03	write notes on given topic	Equation solved
	III MPES P-S	IV & V	practicals	Explanation	demonstration	04	practically done	Record verified
29-06-18 (Fri)	II MPES P-S	I	Boundary Conditions	Method of induction	black board	04	Notes given	Definitions solved
	III MPES P-S	IV	Raman effect, Stokes & anti-Stokes lines	Explanation	chart	04	prepare notes for the given topic	Diagram practical
	II MPES	VI	Cosine law - reflected light	derivation	black board	04	write notes regularly	questions asked
30-06-18 (Sat)	III MPES P-S	III	Quantum theory of Raman effect	derivation	black board	06	derivation practical	problems given to solve
	II MPES	IV	Conservation of energy & momentum	Explanation	learning by doing	05	notes given	questions asked


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TEACHING DIARY

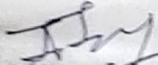
Month... July

Week... I

Semester... I, II, III, IV

Year... 2018-19

Date & Day	Class	Period/ Timings	Topic Covered / Co-Curricular Activity Conducted	Methodology Adopted	Teaching Aids used	No. of Students attended	Student Activity Assigned	Any other Activity
01-07-18 (Sun)			Holiday being Sunday					
02-07-18 (Mon)	II MPS P.S	I	Unit II: Diff - Savant's law, B due to a long straight wire.	explanation	black board	04	notes given	statement asked.
	II MPS	II & III	practicals	explanation	demonstrative	04	show practical	observations verified
	III MPS P.S	IV	experimental arrangement of Raman effect	explanation	chart	05	write given notes	diagram practiced
	II MPS	V	Cosine law - transmitted light	derivation	black board	03	notes given	definitions asked
03-07-18 (Tue)	II MPS	I	Collisions in two dimensions.	explanation	black board	04	prepare well for examinations	asked
	II MPS	II	Colors of thin films.	explanation	learning by doing	04	write notes given	definitions
	II MPS	IV & V	practicals.	explanation	demonstrative	04	practical class	recd verified
04-07-18 (Wed)	II MPS P.S	I	B due to a Circular Current loop.	derivation	black board	06	Notes given	Diagram practiced
	II MPS	II	Interference by wedge shaped film.	explanation	learning by doing	03	look solve problem	problems given
	II MPS P.S	IV & V	practicals	explanation	demonstrative	06	show practical	Recd verified


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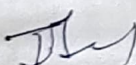

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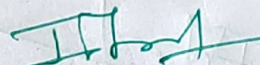

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GDC-NDK
TEACHING DIARY

Month.....July..... Week.....II..... Semester.....I, III, IV..... Year.....2018-19.....

Date & Day	Class	Period/ Timings	Topic Covered / Co-Curricular Activity Conducted	Methodology Adopted	Teaching Aids used	No. of Students attended	Student Activity Assigned	Any other Activity
	II MPS	IV & V	Rutherford Scattering	explanation	blackboard	04	notes given	definitions asked
10-07-18 (Tue)	II MPS	I	Demon Rutherford Scattering	explanation	blackboard	05	problems given to solve	clean for exams
	II MPS	III	Determination of λ of light by newton's ring	derivation	blackboard	04	problems given to solve	formulas asked
	II MPS	IV & V	practicals.	explanation	demonstration	04	practicals	shown calculations
11-07-18 (Wed)	III MPS I & II	I	Hall effect - Hall Coefficient & its application	explanation	chart	06	prepare notes on the topic	diagram practiced
	II MPS	II	Michelson Interferometer	explanation	chart	03	Notes given	Diagram practiced
	II MPS P-S	IV & V	practicals.	explanation	demonstration	05	practicals	observation verified
	II MPS	VI	<u>Unit-III</u> Rigid body - def & examples	explanation	learning by doing	04	Give Examples on related topic	notes given
12-07-18 (Thu)	II MPS	II	Rotational Kinematic Relations.	derivation	blackboard	04	Notes given	formulas asked
	III MPS P-VI	IV & V	practicals.	explanation	demonstration	06	practicals	verified observations
13-07-18 (Fri)	II MPS P-S	I	Introduction to electro magnetic induction - Faraday's laws	demonstration	lab apparatus	06	clean Faraday's laws	Definitions asked.


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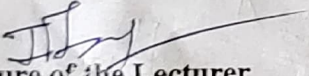

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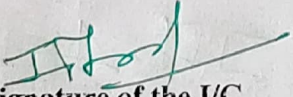

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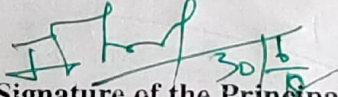
GDC-NDK
TEACHING DIARY

Month... July Week... III Semester... I, II, IV Year... 2018-19

Date & Day	Class	Period/ Timings	Topic Covered / Co-Curricular Activity Conducted	Methodology Adopted	Teaching Aids used	No. of Students attended	Student Activity Assigned	Any other Activity
	II MPES P-VI	V	properties of matter waves	explanation	black board	06	Notes given	definitions asked
	II MPES	VI	unit-III: Introduction to diffraction	explanation	chart	04	Notes given	learn definition
14-07-18 (Sat)			Second Saturday - the			—	—	—
15-07-18 (Sun)			Holiday being Sunday			—	—	—
16-07-18 (Mon)	II MPES P-V	I	len's law	explanation	Chart	05	prepare notes ^{topic} for given axis law	
	II MPES	II & III	practicals	explanation	demonstration	03	done calculations	read verified
	II MPES P-V	IV	Davisson-Germer experiment	explanation	chart	05	practice Diagram given	definitions asked
	II MPES	V	Types of diffraction	explanation	black board	04	notes given	definitions asked
17-07-18 (Tue)	II MPES	I	equation of motion for a rotating body	derivation	black board	04	problems given	asked formulae
	II MPES	III	Braunhoffer diffraction due to single slit	Production method	black board	03	practiced Diagram	questions asked
	II MPES	IV & V	practical	explanation	demonstration	03	show practicals	Readings noted


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