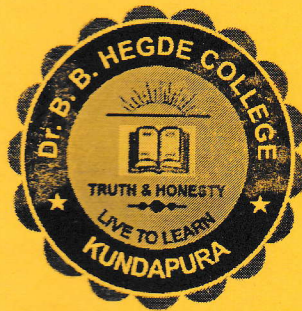


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Dr. B.B. HEGDE FIRST GRADE COLLEGE
KUNDAPURA - 576201



TEACHERS' WORK DIARY
YEAR : 2019 - 2020

Name: *Nirusha Shetty*

Designation : *Lecturer*

Department : *Mathematics*

Name of the Teacher : Nirusha Shetty

Designation : Lecturer

Department : Mathematics

Year : 2019-20 (I term)

Class	Semester	Subject	No. of hrs per week	Total No. of hrs as per syllabus
I B.Sc	I Sem	Mathematics	5	60
II B.Sc	III Sem	Mathematics	2	30
III B.Sc	V sem	Mathematics	2	24
II B.CA	III Sem	Mathematics	2	24

Total hrs per week : 11

Year : 2019-20 (II term)

Class	Semester	Subject	No. of hrs per week	Total No. of hrs as per syllabus
I B.Sc.	II Sem	Mathematics	5	60
II B.Sc.	IV Sem.	mathematics	2	30
III B.Sc.	VI Sem.	mathematics	4	48

Total hrs per week : 11

S. I. Arthur
Signature of HOD

[Signature]
Principal

Nirusha
Signature of the Teacher

TIME - TABLE

PERIODS DAYS	FORENOON			AFTERNOON		
	I	II	III	IV	V	VI
MON			I B.Sc		II BCA III B.Sc	
TUES	III B.Sc		II BCA			
WEDNES			III B.Sc			
THURS			II B.Sc		II B.Sc (lab)	
FRIDAY						
SATUR	III B.Sc					II B.Sc

PLAN OF WORK

(Month - wise distribution of syllabus)

CLASS: I BSc

SUBJECT: Mathematics

Month	No. of Hrs.	Chapter and topics in the syllabus to be covered (Broad Outlines)
JUNE	6	Functions of several variables: Domain, Range, Interior points, Boundary points, Closed, open, bounded and unbounded regions in the plane, level curves and level surfaces.
JULY	9	Limits and continuity, Two-path test, for non-existence of limits, Partial derivatives, Implicit partial differentiability.
AUGUST	9	Partial derivatives and continuity - Higher order partial derivatives, Mixed derivative theorem, Differentiability, Chain rule for differentiation.
SEPTEMBER	9	Conic sections: Conic sections and their quadratic equations, Asymptotes of hyperbolas and graphing, Shearing, conic sections, classifying conic sections by eccentricity.
OCTOBER	5	Quadratic equation and Rotations - The cross product term, Angle of rotation.

DAY & DATE	Period	Class	Topics Covered (Write Specific points only)
MONDAY 02-7-19	III IV	I BSc II BCA	Limits problem, exercise III Exercise, Relations, domain
TUESDAY 03-7-19	III	II BCA	examples, Exercise, Properties of relation
WEDNESDAY 04-7-19			Holiday
THURSDAY 05-7-19	III IV V VI	II BSc I BSc	Mixed partial derivatives, Exercise Mathstab - Introduction to maxima Limits, continuity, differentiability problem
FRIDAY 06-7-19	IV	I BSc	Concave sections, parabola
SATURDAY 07-7-19	I	III BSc	Properties, left and right ideals

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N. S. K. V. A.

DAY & DATE	Period	Class	Topics Covered (Write Specific points only)
MONDAY 08-7-19	III IV	I BSc II BCA	Ellipse, derivation of ellipse Relation matrix, graph of relation, examples.
TUESDAY 09-7-19	III	II BCA	Examples, equivalence relation.
WEDNESDAY 10-7-19	III	III BSc	Exercise problems.
THURSDAY 11-7-19	III IV	II BSc I BSc (lab)	Chain rule, Explicit differentiation Curve sketching.
FRIDAY 12-7-19	IV	I BSc	Hyperbola derivation, examples.
SATURDAY 13-7-19	I IV	III BSc II BSc	Quantum theory, First isomorphism theorem Chain rule example and exercise.

Signature of HOD _____
Principal _____
Signature of the Teacher _____
N. S. K. V. A.

DETAILS OF LEAVE AVAILED

Types of Leave Month	C. L.	O.O.D.	R. H.	EL/Others
June				
July		6-7-19		
August	23-8-19.			
September				
October				
November				
December				
January	8-01-2020 13-01-2020 14-01-2020 (2) 31-01-2020			
February	19-02-2020			
March				
April				

Author:  Date: / /

INVOLVEMENT IN COLLEGE ACTIVITIES

Date	Role played by you in the extra curricular activities of the college Attended/Supervised/Monitored/Guided/Consulted/Organised
18-06-19.	Faculty development program by Dr. Ganesh Bhat
17-07-19	"ಪ್ರೌಢಶಾಲೆಯ ಯಶಸ್ವಿ ಅಭಿವೃದ್ಧಿ ಯೋಜನೆ"
27-07-19	"Inauguration program of all associated by Dr. Rekha. Barnade"
31-07-19	ಮೆಟ್ರಿಕ್ ಕಲ್ಯಾಣ.
1-18-19	"ಶುಭವಾರದ ಕಲ್ಯಾಣ ಉದ್ಘಾಟನೆ"
15-08-19	"Independence day celebration"
26-08-19	ಶುಭವಾರದ ಕಲ್ಯಾಣ ಉದ್ಘಾಟನೆ
3-09-19	ಐಕ್ಯ ಭವನದಲ್ಲಿ Communicative English.
4-09-19	Teacher's day celebration
5-09-19	Women's development program
9-09-19	PTA meeting
10-09-19	Alumni program
21-09-19	Decennial inauguration
25-09-19	

Author:  Date: / /

COMPENSATORY CLASSES CONDUCTED

Date	No. of Hours	Class	Topics Covered
1-08-19	2	IBSc	Maths lab
31-08-19	2	IIBCA.	Functions and composition of function.
13-09-19	1	IIBCA.	Trees, binary tree example
20-09-19	1	IBSc	Discriminant test, examples
25-09-19	1	IBSc	Maths practical.
18-12-19	1	IBSc.	Indeterminate forms, L'Hopital's rule
02-1-2020	1	IBSc	lab.
28-01-2020	1	IBSc	Polar coordinates, examples
9-03-2020	1	IIBSc	problems (exercise)

Nuthur
Signature of HOD

[Signature]
Principal

[Signature]
Signature of the Teacher