Student Seminars

Teachers of "Mathematics" Department have Conducted a good number of student Seminars in various topics such as Differential and Integral Calculus. To enhance the participatory learning to increase the Subject Knowledge and Skill.

STUDENT-SEMINAR-1

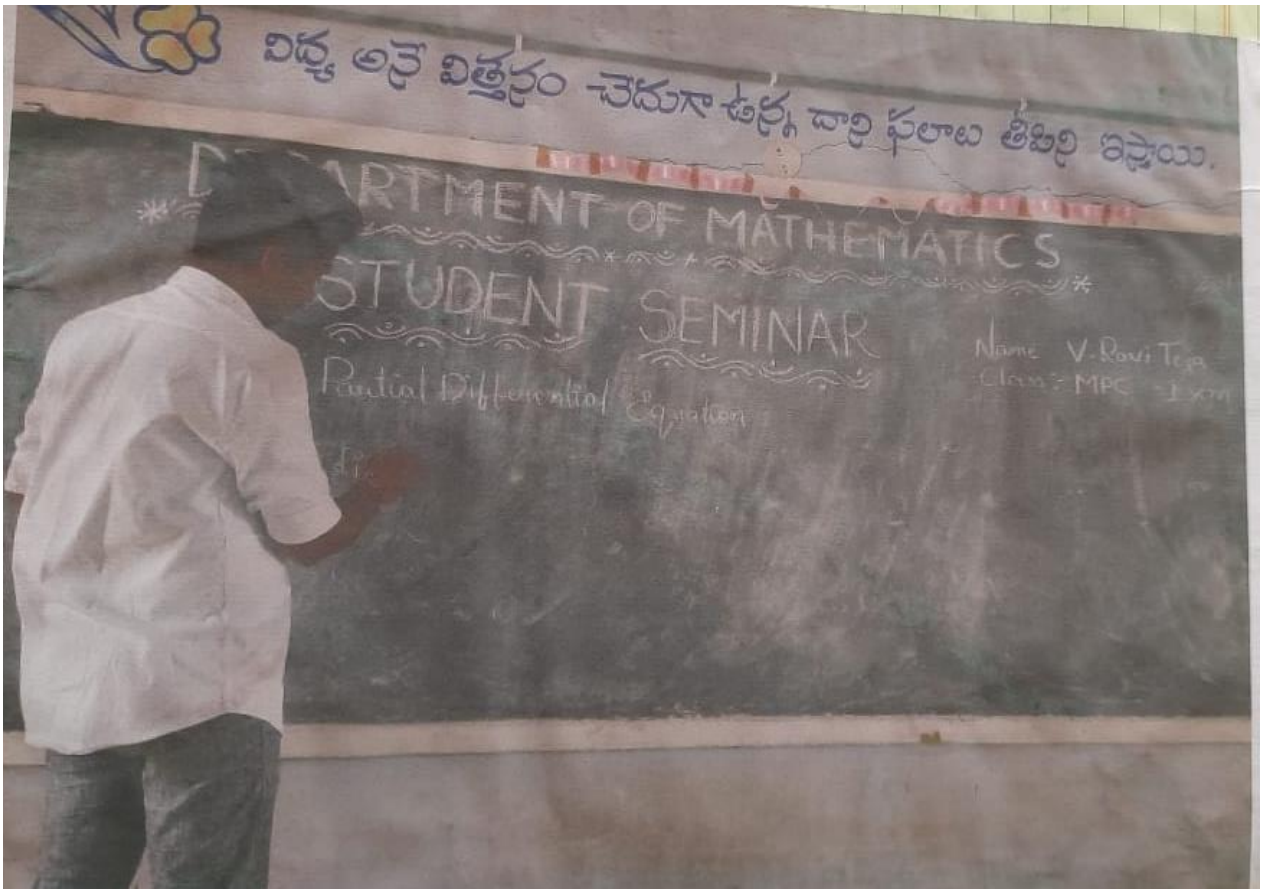
Student Name : V. Ravi Teja
Group : MPC
Year : I
Semester : I
Delivered Topic : Partial Differentiation and Deffination

Topic synopsis : Partial Differentiation and Deffination :-

Partial differentiation is a method of determining the partial dervitives of a function of more than one independent variable.

The partial dervitives are the generalized of ordinary dervitives.

Guided By : P. Gangaiah, Asst. prof in Mathematics.


విద్య అనే విత్తనం చెదుగా ఉన్నా దాని ఫలాలు తీపిని ఇస్తాయి.
DEPARTMENT OF MATHEMATICS
STUDENT SEMINAR
Partial Differential Equations


DEPARTMENT OF MATHEMATICS
STUDENT SEMINAR

STUDENT-SEMINAR-27

Student Name : S. Shireesha
Group : MPC
year : I
Semester : I
Delivered Topic : Partial Differentiation and Functions of Several variables

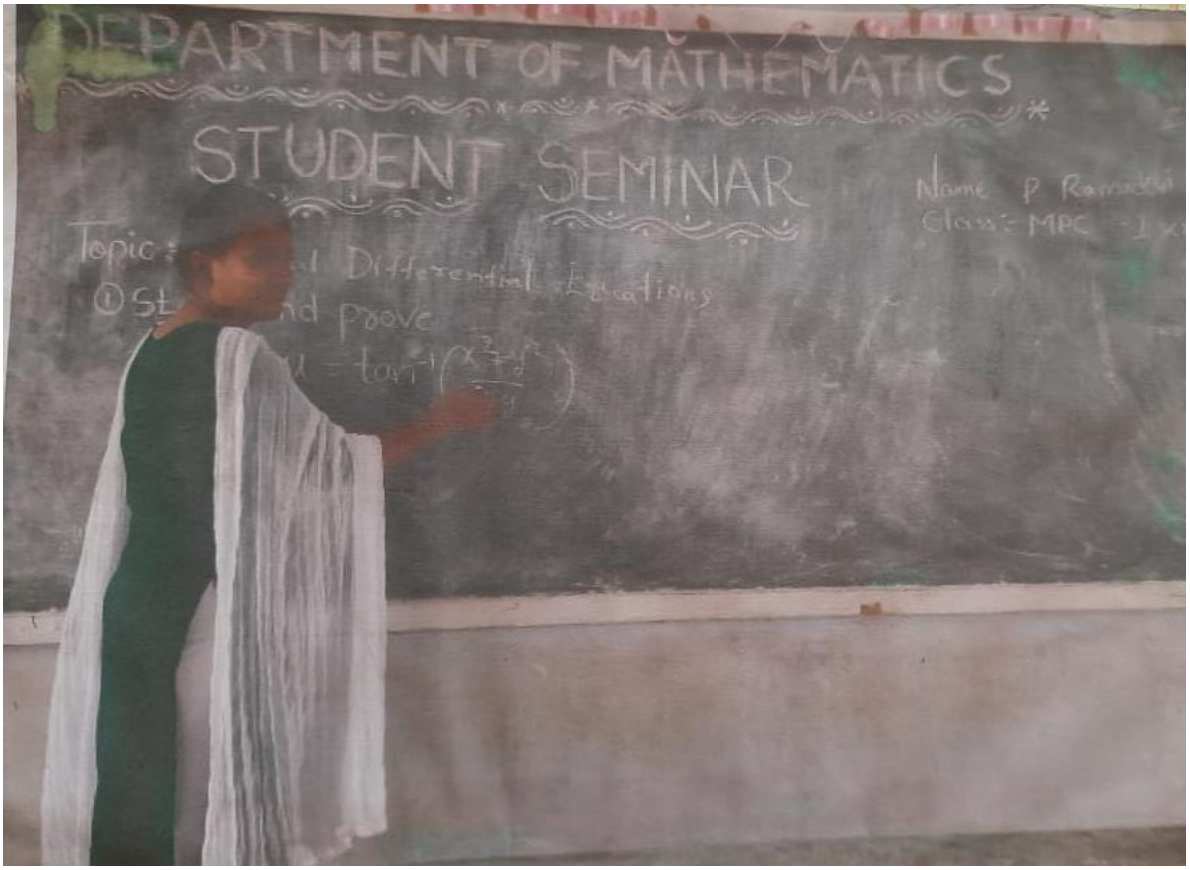
Topic Synopsis : Partial Differentiation and Functions of Several variables

A function which contains more than one variable is called function of Several variables.
Function of Two variables :- A function which contains two variables is called function of two variables.
It is of the form $z=f(x,y)$. Ex:- $z=x^2+y^2$
Function of Three variables :- A function which contains three variables is called function of three variables.
It is of the form $z=f(x,y,z)$, Ex: $z=x^2+y^2+x^2$

Guided By : T. Gangaiah, Asst. prof in Mathematics

Students Attended : 12

1) S. Sravani - MPC
2) N. Manasa - MPC
3) V. Ravi Teja - MPC
4) S. Sheerisha - MPC
5) P. Ramadevi - MPC
6) A. Bhagya - MPC
7) J. Ramya - MPC
8) R. Ravalika - MPC
9) S. Aniruth - MPCS
10) K. Bhavani - MPCS
11) SK. Asma - MPCS
12) K. Sai Nikhitha - MPCS


DEPARTMENT OF MATHEMATICS
STUDENT SEMINAR
Topic:
Differential
Name
Class:- MPC

STUDENT SEMINAR-3

9

Student Name : P. Ramadevi

Group : MPC

Year : I

Semester : I

Delivered Topic : Partial Differentiation and Deffination

Topic synopsis : The process of determining the partial derivatives of a function of more than one independent variables is know as a partial differentiation. It is denoted by symbols like $\frac{\partial}{\partial x}, \frac{\partial}{\partial y}, \frac{\partial}{\partial z}$ --- etc

Guided By : T. Gangaiah, Asst. prof in Mathematics

Students Attended : 12

1) S. Sravani - MPC
2) N. Manasa - MPC
3) V. Ravi Teja - MPC
4) S. Sheerisha - MPC
5) P. Ramadevi - MPC
6) A. Bhagya - MPC
7) J. Ramya - MPC
8) R. Ravalika - MPC
9) S. Anirudh - MPCs
10) K. Bhavani - MPCs
11) SK. Asma - MPCs
12) K. Sai Nikhitha - MPCs

Sign of the Incharge

Sign of the principal

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Dist:Mancherial (T.S.)


DEPARTMENT OF MATHEMATICS
SEMINAR
Differential Equation
Class : MPCS

STODENT SEMINAR - 5

Student Name : S. Anirudh
Group : MPCs
Year : I
Semester: I

Delivered Topic : Partial Differentiation (2)
Deffination of Homogenious function

Topic Synopsis : Homogenious Function:-
If in a function $u = f(x,y)$,
$f(kx, ky) = k^n f(x,y)$ then the function is said to be a homogenious function of degree 'n' in x and y

Ex:- $u = \frac{x^3+y^3}{x+y}$, $(x,y) \neq (0,0)$

$$u = \frac{x^3\left[1+(y/x)^3\right]}{x^3\left[1+(y/x)\right]}$$

$$u = \frac{x^2\left[1+(y/x)^3\right]}{1+(y/x)}$$

$\therefore$ degree $(n) = 2$,

Then u is homogenious function of degree 2

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Students Attended :- 12

1) S. Sravani : MPC
2) N. Manasa : MPC
3) V. Ravi Teja : MPC
4) S. Sheerisha : MPC
5) P Ramadevi : MPC
6) A. Bhagya : MPC
7) J. Ramya : MPC
8) P. Ravalika : MPC
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