



**SRR & CVR Government Degree College
(A) Vijayawada**

Department of Mathematics

Report of Guest Lecture

on

“Real Analysis & Laplace Transforms”

On 04-01-2019 at Room No. 203.

Vijayawada,
Date: 01-01-2019.

To,
The Principal,
S.R.R & C.V.R GOVT Degree College (A),
Vijayawada.

Respected Sir,

Sub:- Department of Mathematics, S.R.R & C.V.R Govt. Degree College (Autonomous)
Vijayawada – **Permission to conduct Guest Lecture on “Real Analysis & Laplace
Transforms” by Sri. B.V.V.V. Bapeswara Rao, HOD of Mathematics, Y.V.N.R.
Government Degree College, Kaikaluru, on 04-01-2019 – Reg.**

As per the curriculum, Department of Mathematics, S.R.R & C.V.R Govt. Degree College
(Autonomous) Vijayawada willing to conduct **Guest Lecture on Guest Lecture on “Real Analysis
& Laplace Transforms” by Sri. B.V.V.V. Bapeswara Rao, HOD of Mathematics, Y.V.N.R.
Government Degree College, Kaikaluru, on 04-01-2019.**

In this regard I request you to permit Department of Mathematics to conduct **Guest Lecture
on “Real Analysis & Laplace Transforms” by Sri. B.V.V.V. Bapeswara Rao, HOD of
Mathematics, Y.V.N.R. Government Degree College, Kaikaluru, on 04-01-2019.**

Thanking you.

Yours faithfully,

(K.V.Naga Lakshmi) 1/1/2019

Incharge of Mathematics Dept.
incharge of the Dept. of Maths.
S. R. R. & C. V. R. Govt. Degree College
VIJAYAWADA.
Krishna (Dist.)



S.R.R. & C.V.R. GOVT. DEGREE COLLEGE

(Autonomous)

NAAC accredited with 'B+' Grade

Machavaram, VIJAYAWADA - 520 004. Krishna District.

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Dr. Velaga Joshi, Principal

M.A. (Phil.), M.A. (His.), M.A., (M.C.J.), B.L., M.Phil., Ph.D.,

Date 02.01.19

DEPARTMENT OF MATHEMATICS

To,
The Principal,
Y.V.N.R. Govt. Degree College
Kaikaluru.

Respected Sir,

Sub: Request for inviting Guest Lecture reg.

As per curriculum, the Department of Mathematics S.R.R & C.V.R Govt. Degree College (Autonomous) Vijayawada is willing to invite Mr.V.V.V. Bapeswar Rao Lecturer in Mathematics, as guest to give a lecture for students to deliver his knowledge and experience to students and also to motivate them to get habituated to different teaching methods and ascent the lectures using.

In this regard I request you to allow him to give a lecture on 04 -01-2019 in Mathematics Department.

Thanking you sir.

Principal
PRINCIPAL

SRR & CVR GOVT. DEGREE COLLEGE
Machavaram (VIJAYAWADA) - 520 004
Machavaram, VIJAYAWADA - 520 004

A Guest Lecture on "*Real Analysis & Laplace Transforms*" is organized by the Department of Mathematics on **04-01-2019** at Room No. 203. **Principal, Dr. Velaga Joshi** addressed the students and explained the importance of Mathematics in present circumstances.

Sri. B.V.V.V. Bapeswara Rao, HOD of Mathematics, Y.V.N.R. Government Degree College, Kaikaluru, who has 34 years of service is invited as Guest/speaker. He explained in detail the "*Real Analysis & Laplace Transforms*" and shared his experiences. Cleared the doubts that raised by the students regarding "*Real Analysis & Laplace Transforms*".

He explained the following to the Students that, Laplace transform constitutes an important tool in solving linear ordinary and partial differential equations with constant coefficients under suitable initial and boundary conditions with first finding the general solution and then evaluating from it the arbitrary constants.

Laplace transforms when applied to any single or a system of linear ordinary differential equations, converts it into mere algebraic manipulations. In case of partial differential equations involving two independent variables, Laplace Transform is applied to one of the variables and the resulting differential equation in the second variable is then solved by the usual method of ordinary differential equations. Thereafter, inverse Laplace transform of the resulting equation gives the solution of the given partial differential equations.

Another important application of Laplace Transform is in finding the solution of Mathematical Model of physical problem where in the right hand of the differential equation involves driving force which is either discontinuous or acts for short time only.

Smt. K. V. Naga Lakshmi, M.Sc. M. Phil., Head of the Department of Mathematics, mentioned the objective of the programme and addressed the students. Principal and the faculty felicitated the guest **Sri. B.V.V.V.**

Bapeswara Rao. Smt. K. V. Naga Lakshmi, proposed vote of thanks. 70 students and 4 faculty members are participated in this programme.

Out Comes:

1. Students got awareness on "*Real Analysis & Laplace Transforms*".
2. Enlightened on the current trends and demand of Mathematics in various fields.



Introducing Sri. B.V.V.V. Bapeswara Rao, to the IIIrd B.Sc. students.




Guest Lecture given by Sri. B.V.V.V. Bapeswara Rao.



Guest Lecture given by Sri. B.V.V.V. Bapeswara Rao.

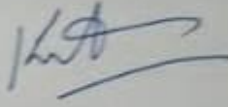
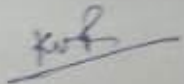


Guest Lecture


A guest lecture is arranged in the Department of Mathematics
04-01-2019 at Room No. 203 for B.Sc., Mathematics Students by Prof. Dr.
Bageswara Rao, Lecturer in Mathematics, Y.V.N.R. Govt. Degree College,
Kaikaluru (who has 34 years service). The topic is "Real Analysis and
Transforms" for IInd B.Sc. and IIIrd B.Sc. Mathematics Students. The students
have very much appreciated and got benefitted by the guest lecture.


Signature of the In charge,

Signature of the Lecturer

Signature of the Faculty members:

1. K.V. Naga Lakshmi 
- 2.
3. K.V. Rama Rao 
4.  (S. RENOKA)
5.  (SK. PARVEEN)
- 6.
- 7.


PRINCIPAL
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomous)
Machavaram, VIJAYAWADA-520

LIST OF THE STUDENTS ATTENDED GUEST LECTURER ON 04-01-2019

S.NO	NAME OF THE STUDENT	SECTION
1	D.Neeraja	II B.Sc (M.P.C.S)
2	N.sai maneesh	II B.Sc (M.P.C.S)
3	p.shameem	II B.Sc (M.P.C.S)
4	K.nandini	II B.Sc (M.P.C.S)
5	J.nikhila	II B.Sc (M.P.C.S)
6	Ch.Vasu	II B.Sc (M.P.C.S)
7	P.rambabu	II B.Sc (M.P.C.S)
8	B.suryaprakash	II B.Sc (M.P.C.S)
9	M.vikram	II B.Sc (M.P.C.S)
10	P.Nutan Goud	II B.Sc (M.P.C.S)
11	M.madavi latha	II B.Sc (M.P.C.S)
12	J.ravindra	II B.Sc (M.P.C.S)
13	p.Hari Krishna	II B.Sc (M.P.C.S)
14	J.Bhaskar	II B.Sc (M.P.C.S)
15	S.Dinesh	II B.Sc (M.P.C.S)
16	K.padmavathi	II B.Sc (M.P.C.S)
17	E.twinkya mounika	II B.Sc (M.P.C.S)
18	G.jyothi	II B.Sc (M.P.C.S)
19	M.naga lakshmi	II B.Sc (M.P.C.S)
20	G.venkata sai pavani	II B.Sc (M.P.C.S)
21	Ch.vijaya	II B.Sc (M.P.C.S)
22	T.swathi	II B.Sc (M.P.C.S)
23	Ch.Bhavani	II B.Sc (M.P.C.S)
24	Ch.siva parvathi	II B.Sc (M.P.C.S)
25	S.ramadevi	II B.Sc (M.P.C.S)
26	Ch.ramarao	II B.Sc (M.P.C.S)
27	D.gurubrahmam	II B.Sc (M.P.C.S)
28	K.mukkanti	II B.Sc (M.P.C.S)
29	V.Tejasri	II B.Sc (M.P.C.S)
30	N.Manojkumar	II B.Sc (M.P.C.S)
31	P.vamsi	II B.Sc (M.P.C.S)
32	R.kishore	II B.Sc (M.P.C.S)
33	B.Priyanka	II B.Sc (M.P.C.S)
34	S.Anusha	II B.Sc (M.P.C.S)
35	K.Aruna kumara	II B.Sc (M.P.C.S)
36	B.Rajesh	II B.Sc (M.P.C.S)
37	S.Akshaykumar	II B.Sc (M.P.C.S)
38	A.Mohan	II B.Sc (M.P.C.S)
39	A.K.Hussain	II B.Sc (M.P.C.S)
40	Ch.Sailaja	II B.Sc (M.P.C.S)
41	Ch.Sravankumar	II B.Sc (M.P.C.S)
42	Ch.Devi	II B.Sc (M.P.C.S)
43	D.saibabu	II B.Sc (M.P.C.S)
44	G.surendra	II B.Sc (M.P.C.S)

45	G.jyothi	II B.Sc (M.P.C.S)
46	G.suribabu	II B.Sc (M.P.C.S)
47	G.Tarunkumar	II B.Sc (M.P.C.S)
48	K.padmavathi	II B.Sc (M.P.C.S)
49	L.saisurya	II B.Sc (M.P.C.S)
50	L.sumadurga	II B.Sc (M.P.C.S)
51	M.niharika	II B.Sc (M.P.C.S)
52	P.Prakash	II B.Sc (M.P.C.S)
53	P.Swetha	II B.Sc (M.P.C.S)
54	S.Ramadevi	II B.Sc (M.P.C.S)
55	T.Swathi	II B.Sc (M.P.C.S)
56	K.padmavathi	III B.Sc (M.P.C.S)
57	M.aruna	III B.Sc (M.P.C.S)
58	Ch.sivaparvathi	III B.Sc (M.P.C.S)
59	M.madhavilatha	III B.Sc (M.P.C.S)
60	A.mohan	III B.Sc (M.P.C.S)
61	B.Srinu	III B.Sc (M.P.C.S)
62	Ch.devi	III B.Sc (M.P.C.S)
63	D.saibabu	III B.Sc (M.P.C.S)
64	K.Saikumar	III B.Sc (M.P.C.S)
65	P.prakash	III B.Sc (M.P.C.S)
66	Ch.vasavi	III B.Sc (M.P.C.S)
67	P.swetha	III B.Sc (M.P.C.S)
68	Kalyankumar	III B.Sc (M.P.C.S)
69	Prithvi	III B.Sc (M.P.C.S)
70	Sravani	III B.Sc (M.P.C.S)