

NAGARJUNA GOVT. COLLEGE (A), NALGONDA

PROFILE

OF

DEPARTMENT OF MATHEMATICS



Establishment of the Department	: 1956
Courses offered	: B.Sc (M.P.C,M.P.Cs,M.P.G,M.C.Ic,MSCs,MSDs)
B.Sc. (M.P.C(TM), M.P.C (EM), M.P.G) was introduced in the year	: 1956
B.Sc. (M.P.Cs&M.C.Ic) was introduced in the year	:1998
B.Sc. (M.S.Cs) was introduced in the year	: 2018
B.Sc (M.S.Ds) was introduced in the year	: 2020
No. of Teaching Faculty	: 06
Present Student Strength (Total-1265)	I Year : 414
	II Year : 408
	III Year : 443

Faculty Profile

S. No.	Name of the Faculty	Qualification	Designation	Experience
1	Dr.V.Yadaiah	M.Sc.,B.Ed.,M.Phil.,Ph.D CSIR-NET	Assistant Professor	10 Years
2	N. Narsimha	M.Sc., B.Ed, AP-SET	Assistant Professor	17 Years
3	D.Madhukar	M.Sc., B,Ed.,	Contract Lecturer	16 years
4	K. Kanakaiah	M.Sc., B,Ed.,	Contract Lecturer	11 years
5	M. Mahesh	M.Sc., TS-SET	Guest Lecturer	1 Year
6.	L.Saritha	M.Sc.,B.Ed	Guest Lecturer	3 Years

ABOUT BOARD OF STUDIES IN MATHEMATICS

Our college got Autonomous status in 2007. Board of Studies in Mathematics was constituted in 2007 under the chairmanship of Sri.L. Mohan Rao to design the semester syllabus of Mathematics.

BOARD OF STUDIES CHAIR PERSONS IN MATHEMATICS

S.No.	Year	Name
1	2015-18	<i>V.Srinivasa Reddy</i> chairman of BOS in Mathematic Incharge of department N.G. College (A), Nalgonda.
2	2018-19	<i>Dr.S.Upender</i> Assistant Professor of Mathematics In charge of department N.G. College (A), Nalgonda.
3	2019-20 & 2020-21	<i>N.Narsimha</i> Assistant Professor of Mathematics In charge of department N.G. College (A), Nalgonda..
4	2021-22	<i>Dr.V.Yadaiah</i> Assistant Professor of Mathematics In charge of department N.G. College (A), Nalgonda.

Student strength of B.Sc Mathematics

	2015-16			2016-17			2017-18			2018-19		
Category	B	G	T	B	G	T	B	G	T	B	G	T
B.Sc I year	156	131	287	153	137	290	253	222	475	291	171	462
B.Sc II year	127	128	255	141	129	270	149	136	285	149	136	285
B.Sc III year	131	107	239	119	125	244	139	128	267	139	128	267
Total	415	366	781	413	391	804	541	484	1027	578	435	1014

	2019-20			2020-21			2021-22		
Category	B	G	T	B	G	T	B	G	T
B.Sc I year	200	208	408	200	210	410			
B.Sc II year	291	171	462	200	190	390			
B.Sc III year	149	136	285	270	140	410			
Total	640	515	1155	670	540	1210			

Student Centric Activities

As part of teaching learning process the department focuses on implementation of students centric activities such as

- Students Seminars & Group Discussion
- Student Study Projects
- Use of ICT methods in teaching
- Summer Intensive Programmes
- Student Assignments
- Field Trip

Curriculum enrichment

- To enrich the curriculum, the department has taken the following initiatives
- Guest / Extension Lectures.
- National workshops and Seminars
- To focus the students on various topics project works are given.
- Soft skills, Analytical skills through TSKC.
- Value Education and Professional Ethics.
- Yoga and meditation classes
- **Infrastructure & Resources**
- Computers :01 with Printer and Scanner & Projector

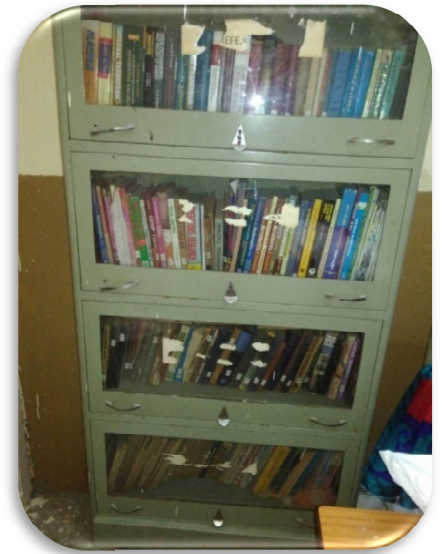


➤ **Software's available:**

- *LATEX*
- *EXCEL*

➤ **Books :**

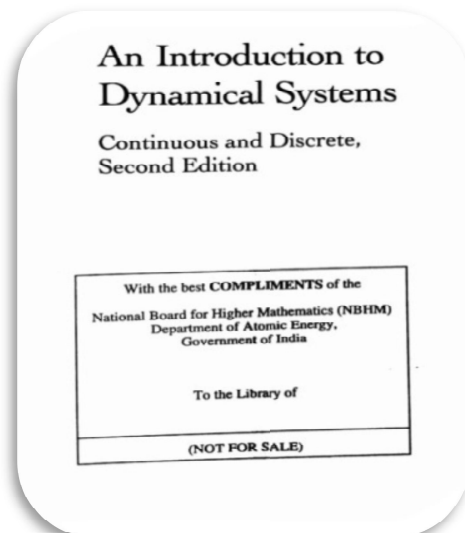
- Centralized Library : 2000
- Department Library : 400
- No. of Journals : 02
- Reference Books : 200



Our Department selected NBHM Complementary Book distribution scheme with serial number 262/NBHM/1106. In this scheme we received the text books from NBHM and circulate the same books to the students

DEPARTMENTAL LIBRARY

NATIONAL BOARD FOR HIGHER MATHEMATICS



Departmental Activities:

- Guest Lectures/Extension lectures : 15
- Ramanujan's Birthday Celebrations : 05
- Certificate Course in Mathematics : 01
- Workshop : 01
- Field Trip to IIT Hyderabad : 01
- Student Projects as part of Curriculum

Extension Lecture

By

Prof. C.Goverdhan

Department of Mathematics

On "Real Analysis"



Guest Lecture

By

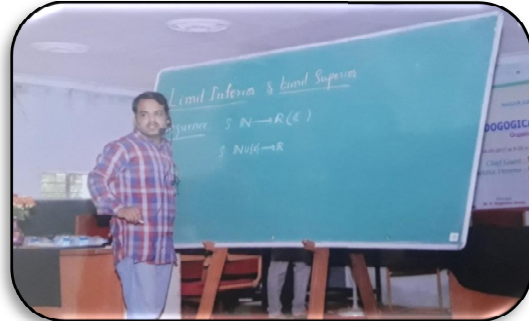
Sri. CH. Janaiah

Assistant professor in Mathematics MKR
Govt. Degree College Devarakonda On
"Partial differential Equations"

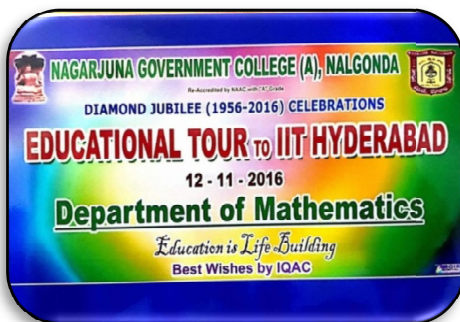


National Seminar

Department of Mathematics conducted National Seminar on “PAEDOGOGICAL APPROCHES OF REAL ANALYSIS”.



Field Trip on 12-11- 2016 (IIT Hyderabad)



Work shops

Conducted workshop on “LINEAR ALGEBRA”. On 27-10-2018

Principal Addressing the gathering



Dr.T.Kurumayya



Dr.G.Ramesh
Giving the Lecture



National Mathematics Day Celebrations Dec 2014

Our Principal with Chief Guest M.Chandrashekar Goud

Deputy Transport Commissioner, Nalgonda

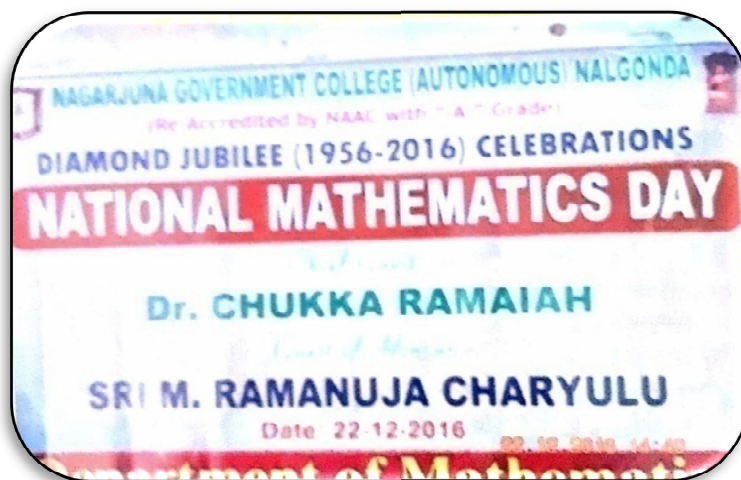


National Mathematics Day Celebration 2015

Dr.G Upender Reddy, Asst.Prof of Mathematics, Mahatma Gandhi University, Nalgonda.

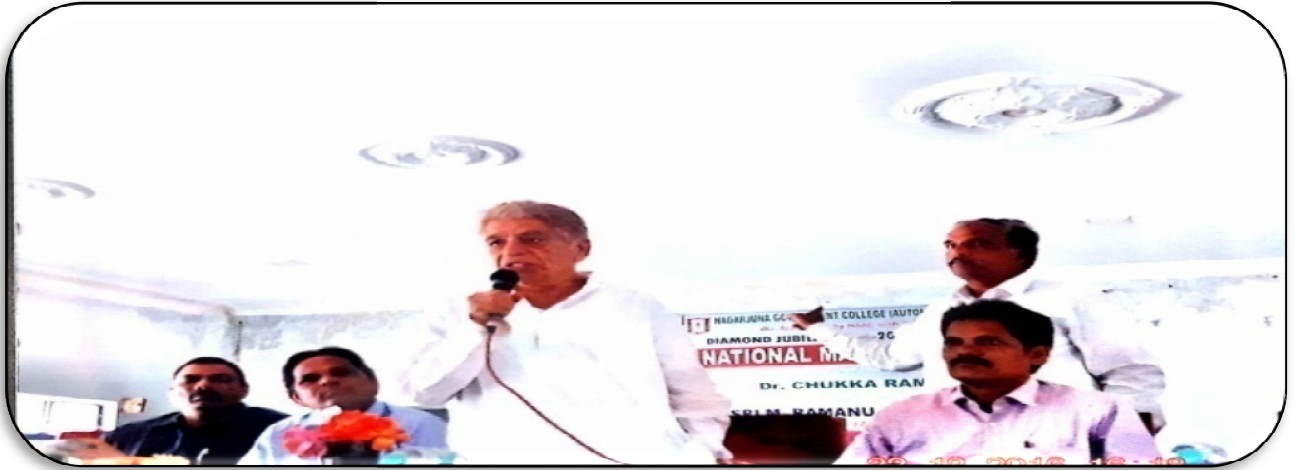


National Mathematics Day Celebrations Dec 2016



National Mathematics Day Celebrations Dec-2016

Chief Guest: Dr.Chukka Ramaiah



Audience watching the event



JIGNASA State Level Presentation

GOVERNMENT OF TELANGANA, COMMISSIONERATE OF COLLEGE EDUCATION – JIGNYASA STUDENT STUDY PROJECT.

The following students are participated in JIGNYASA student study project on “A Review on Applications of Integration to Economics” held **on** 7 February 2017.

B. ANJALI

CH.SHIRISHA

M.RENUKA

P.SOUJANYA

T.SNEHA SREE.



Yoga and meditation classes

International yoga day has been organized jointly by Department of mathematics and NSS Unit-I, II, III, IV on 21-06-2019



Curriculum Enrichment

- To enrich the curriculum, the institution has taken initiatives like
- Guest Lectures, Extension Lectures.
- Seminars, Student projects
- Certificate course on Math Magic
- Value Education, soft skills by TSKC
- NSS and NCC

Teaching Learning Evaluation

- Academic Calendar Issued By the College
- Departmental Action Plan
- Annual Curricular Plans
- Evaluation (Internal Assessment, Assignment, Semester End Examinations & Academic Audit)

Students Support Activities

- Scholarship Facility
- Library Facility
- Internet Facility
- Certificate Course
- TSKC
- MANA TV
- District Resource Centre (DRC)
- NCC & NSS
- Concessional Bus Pass & Train Pass Facility
- Coaching for Entry into Services

- Our Students got every year Scholarship for Higher Education (SHE) and central Sectorial Scholarship Scheme (CSSS).

RESEARCH ACTIVITIES BY THE FACULTY (PRESENT AND PREVIOUS)

Ph.D Qualified	:	01
CSIR- NET Qualified	:	01
TS-SET	:	02
Orientation/Refresher courses attended	:	05
No. of Papers Published in National / International Journals	:	05
No. of National / International Conferences attended	:	10
No. of Papers Presented in National / International Conferences:		04
Guest Lectures delivered outside the College	:	20
No. of student seminars conducted	:	50
Certificate Courses offered	:	01
Field Trips	:	01

Students Progression

SUMMER & WINTER INTENSIVE PROGRAMMES FOR STUDENTS

- Our students MANTI PALI MADHUSUDHAN & CHENAGANI KRISHNA were participated in MTTTS at Gov University, GOA during from 12th May to 7th June 2014.
- Our students N. MANIKANTA & B. MAHESH were participated in MINI-MTTTS programme at IIT – Patna during from 9th June to 21st June 2014
- Our students CH.SAMPATH & K.SURYA PRAKASH were participated in MINI-MTTTS programme at Central University of Tamilnadu during 23rd June to 5th July 2014
- Our students M MANASA, N.SHIRISHA, T.DEEPA were participated in MINI- MTTTS programme at Kerala School of Mathematics, Kozhikode, Kerala from 4th May to 9th may 2015
- Our student B .DHANALAXMI participated in MTTTS programme at GOA University, Goa from 11th May to 6th June 2015
- Our students M. MAHESH , N.SWETHA, M.MANASA, D.MANISHA were participated in NPDE-TCA at INDIAN INSTITUTE OF TECHNOLOGY ,BOMBAY & THE LNM INSTITUTE OF INFORMATION TECHNOLOGY , JAIPUR during the period from 18th May to 6th June 2015.
- Our students P.NALANDHA , AMATUL WASEY AFEEFA done project work in REAL ANALYSIS at DEPARTMENT OF MATHEMATICS & STATISTICS, UNIVERSITY OF HYDERABAD during May 2014
- Our student AMATHUL WASEY AFEEFA has participated in the NATIONAL SCIENCE CAMP 2014 at INDIAN INSTITUTE OF

SCIENCE, BANGALORE. VIJYOSHI association with the INSPIRE, DST & IISER-KOLKATA during 8th to 10th NOVEMBER 2014.

Mathematics Training and Talent Search Programme

(Funded by national board for Higher Mathematics)

Initiation into Mathematics 2015

(Mini MTTs Programme)

KERELA SCHOOL OF MATHEMATICS

KOZHIKODE, KERELA

M.MANASA B.Sc., (MPC) 4028-13-441-006

N.SHIRISHA B.Sc., (MPCs) 4028-13-468-026

T.DEEPA B.Sc., (MPCs) 4028-13-468-005

Were participated in the mini MTTs programme during
04-09 May 2015



National Programme on Differential Equations: Theory Computation & Applications (NPDE-TCA)

(Sponsored by Department of science & Technology, Government of India)

DEPARTMENT OF MATHEMATICS

INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY

INDIAN INSTITUTE OF SPACE SCIENCE AND TECHNOLOGY,

TRIVANDRUM.

CH.TEJA SRI B.Sc., (MPCs) 4028-14-468-05

M.VINAY KUMAR B.Sc., (MPC) 4028-14-441-045

SR.LAXMI PRASANNA B.Sc., (MPCs) 4028-14-468-029

K.NAVEEN KUMAR B.Sc., (MPCs) 4028-14-468-040

K.NAVEEN B.Sc., (MPCs) 4028-14-468-042

D.UMAMAHESHWARI B.Sc., (MPC) 4028-14-441-013

K.MANO HAR REDDY B.Sc., (MPC) 4028-14-441-041

Were participated in NPDE-TCA during the period

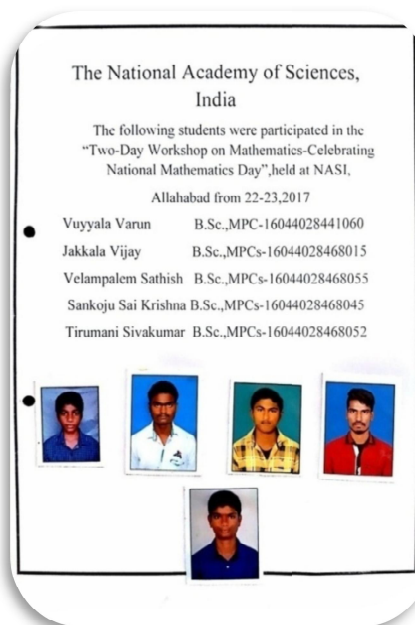
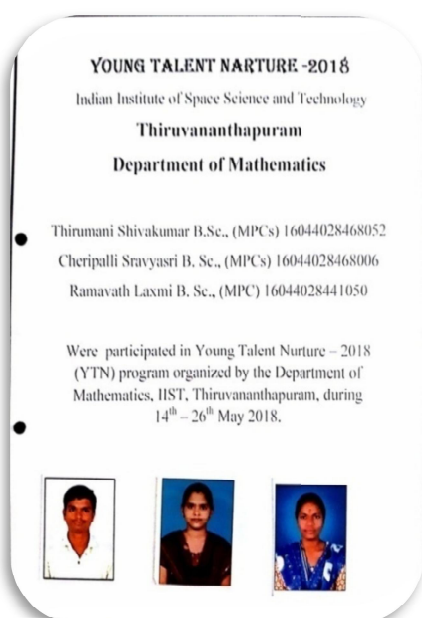
18th MAY – 7th JUNE, 2016



- Our student K.MANO HAR REDDY participated in MINI-MTTs at K.B.N COLLEGE, VIJAYAWADA during from 14th to 19th December, 2015.
- Our students CH.TEJA SRI, M.VINAY KUMAR, SR.LAXMI PRASANNA, K.NAVEEN KUMAR, K.NAVEEN, D.UMAMAHESHWARI, K.MANO HAR REDDY were participated in NPDE-TCA at INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY & INDIAN INSTITUTE OF SPACE AND TECHNOLOGY, TRIVANDRUM during from 18th May to 7th June 2016.
- Our student P.RAMESH was participated in MTTs programme at INDIAN INSTITUTE OF TECHNOLOGY, MADRAS. During 23rd May to 18th June 2016.
- Our student S.SWETHA was participated in MTTs at REGIONAL INSTITUTE OF EDUCATION –MYSORE. During 23rd May to 18th

June 2016. The following students got top ranks in OU PG CET 2016-2017

- P. NALANDA 1 RANK
- B.DHANA LAXMI 17 RANK
- M.MAHESH 18 RANK.
- Our student M.ASHOK was participated in summer school at THIRUVALLUVAR GOVERNMENT ARTS COLLEGE & CENTRAL UNIVERSITY OF TAMILNADU during 10th to 21st August 2016.
- Our students M.RENUKA & C.H. SHIRISHA were participated in MINI-MTTS at YADAVA COLLEGE MADURAI-TAMILNADU during the period 28th NOV to 3rd DEC 2016.
- Our student M.VENKATESH was participated in MTTS at REGIONAL INSTITUTE OF EDUCATION –MYSORE during during 22nd May to 17th June 2017



- Our students M.RENUKA, P.SOUJANYA, CH. SHIRISH was participated in summer internship programme at IIT- Hyderabad during from may 15th to June 14th 2017.

- Our student T.SNEHA SREE was participated in TPM-2017 at NISER, BHUVANESHWAR during 22nd May to 11th June 2017.
- Our students M.VENKATESH, P.PARAMESH were participated in the WINTER school ,at SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING, Ananthapuram during 26th December to 31st December 2016
- Our students A.HARISH, P.SHANKAR were participated in summer school in mathematics at CENTRAL UNIVERSITY OF TAMILNADU during 4th to 24th December 2016.
- Our student M.KIRAN was participated in MINI-MTTS programme at HINDUSTHAN COLLEGE ,COIMBATTORE during 19th March to 24th March 2018
- Our students A. UMADEVI, P. MANASA were participated in the ICTS programme “summer school for women in mathematics and statistics” held in ICTS, BENGALURU INDIA from May 7th to May 18th 2018.
- Our student D.RADHA was participated in TPM-2018 at NISER BHUVANESHWAR during 21st May to 16th June 2018
- Our student V. VARUN was participated in summer workout in mathematics held at TIFR BENGALURU during 21st May to 15th June 2018
- Our students T.SHIVA KUMAR, CH.SRAVYA SRI, R.LAXMI Were participated in young talent nurture -2018 at IIST, THIRUVANANTHAPURAM during 14th May to 26th May 2018

MATHEMATICS TRAINING AND TALENT SEARCH(MTTS)PROGRAMME.

MTTS Programme was established in 1983 to create interest in mathematics and funded by National Board for higher education.

Aims of MTTS:

The aim of the programme is to expose bright young students to the excitement of doing mathematics, to promote independent mathematical thinking and to prepare them for higher aspects of mathematics.

Eligibility of MTTS:

Level 0: Second year undergraduate students with mathematical as one of their subjects.

Level I: Second year undergraduate students with mathematical as one of their subjects. Participants of the previous year level 0 programme.

Level II: Second year undergraduate students with mathematical as one of their subjects. Participants of the previous year level 0 programme.

Our N.G. college student T. Devendar Reddy B. Sc II year MPC (E.M) selected MTTS Training Programme at Mysore for Level 0 for the year 2008-09.

BEST PRACTICES

- ❖ MOU in collaboration with Quest Smart Learning Solutions, Chikkadipally, Hyderabad
- ❖ Conducting Certificate Course in



“MATHEMATICS” in collaboration with Quest Smart Learning Solutions

Quest Smart Learning Solutions Director

Certificate Distribution by
Principal & Director



FUTURE PLAN OF THE DEPARTMENT

- To organize a National level seminar.
- To apply for Minor Research Project.
- To organize an inter collegiate seminar.
- Field Visit.
- PG Entrance Coaching.
- Civil Services, TSPSC Coaching.

MRP (MINOR RESEARCH PROJECT)

- Our Former Faculty &HOD Dr. S. Upender completed 1 MRP funded by UGC-SERO, Hyderabad

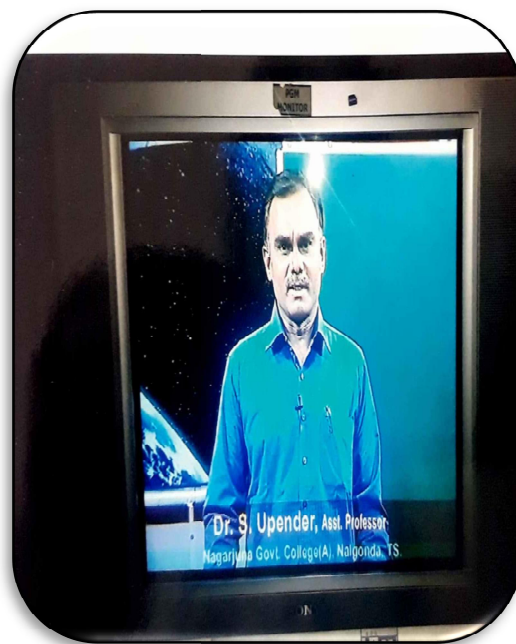
BEST TEACHER AWARD

- Our faculty member Sri.V Srinivas Reddy received State Level Best Teacher Award in the year 2013
- Our faculty member Dr. S. Upender received Best Teacher Award in Yuvatharangam-2015



MANA TV

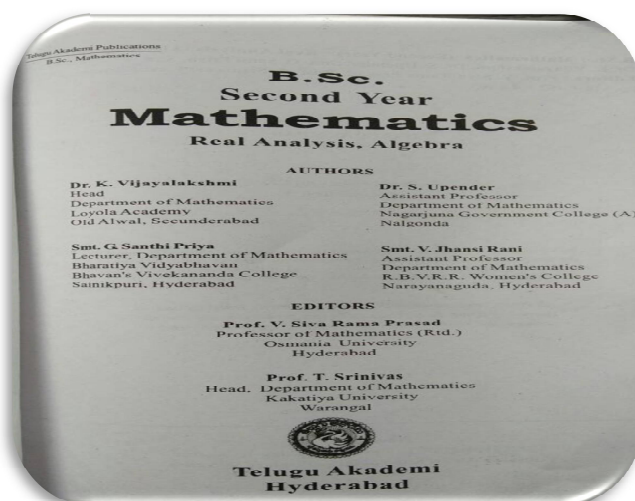
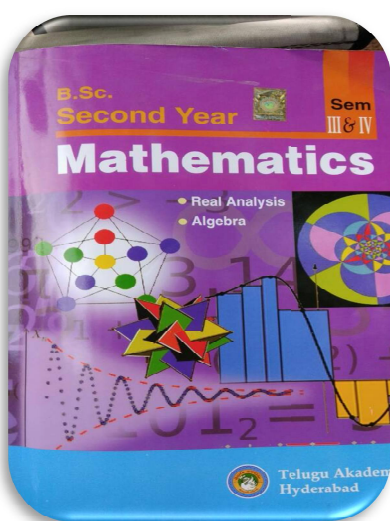
Our faculty member Dr. S. Upender delivered 25 lectures in MANA TV on Important Topics of Mathematics like Riemann Integration, etc.



TEXT BOOK WRITING

Our faculty member Dr. S. Upender wrote the following text books published by Telugu Akademi.

1. Intermediate Mathematics I B.
2. EAMCET Mathematics volume 1 & 2.
3. B.Sc., Second year Mathematics.



Our Students Performance

DEPARTMENT OF MATHEMATICS RESULTS 2015-16

Year	Paper	Appeared	Pass	%
BSc I year	I	290	266	92%
	II	290	274	94%
BSc II year	III	263	245	93%
	IV	268	261	97%
BSc III year	V	187	172	92%
	VI	188	164	87%
	VII	191	182	95%
	VIII	190	187	98%

Our Students Performance
DEPARTMENT OF MATHEMATICS
RESULTS 2016-17

Year	Paper	Appeared	Pass	%
BSc I year	I	269	175	65%
	II	267	225	84%
BSc II year	III	244	181	74%
	IV	243	218	90%
BSc III year	V	227	220	97%
	VI	226	190	84%
	VII	227	217	96%
	VIII	225	212	94%

DEPARTMENT OF MATHEMATICS
RESULTS 2017-18

Year	Paper	Appeared	Pass	Percentage
B.Sc I Year	I	262	187	71%
	II	266	193	73%
B.Sc II Year	III	246	207	84%
	IV	240	222	93%
B.Sc III Year	V	233	217	93%
	VI	233	228	98%
	VII	238	227	95%
	VIII	238	236	99%

**DEPARTMENT OF MATHEMATICS
RESULTS 2018-19**

Year	Paper	Appeared	Pass	Percentage
B.Sc I Year	I	434	208	48%
	II	437	162	37%
B.Sc II Year	III	244	205	84%
	IV	230	194	84%
B.Sc III Year	V	239	219	92%
	VI	237	190	80%
	VII	238	227	95%
	VIII	238	236	99%

**DEPARTMENT OF MATHEMATICS
RESULTS 2019-20**

Year	Paper	Appeared	Pass	Percentage
B.Sc I Year	I	408	390	95%
	II	408	390	95%
B.Sc II Year	III	462	410	89%
	IV	462	410	89%
B.Sc III Year	V	285	205	72%
	VI	285	194	68%
	VII	285	205	72%
	VIII	285	194	68%

**DEPARTMENT OF MATHEMATICS
RESULTS 2020-21**

Year	Paper	Appeared	Pass	Percentage
B.Sc I Year	I	410		
	II	410		
B.Sc II Year	III	390		
	IV	390		
B.Sc III Year	V	410		
	VI	410		
	VII	410		
	VIII	410		

Curriculum Vitae of Dr. V.Yadaiah



Name : *V.Yadiah*

Qualification : *M.Sc; B.Ed; M.Phil; Qualified NET in 2008*

Present Position : *Incharge of Dept.of Mathematics*
NGC, NALGONDA

Address for Communication : *Village: Kalvalapally*
Mandal: Munugode
District: Nalgonda, 508244

Mobile Number : *9618242347, 9000832577*

Date of Birth : *16June1981*

Date of entry at UG level : *24 Dec'2011*

Teaching Experience : *10 year*

Date of superannuation : *16 June 2039*

Specialization : *Operations Research*

Published Journals : *02*

- ❖ *Multi-Objective Optimization of Time-Cost-Quality Using Hungarian Algorithm*
- ❖ *A New Approach of Solving Single Objective Unbalanced Assignment Problem*

Curriculum Vitae of N.Narsimha

Sri.N.Narsimha



H.NO 5-11-252/B,

Shanthinagar ,

Nalgonda - 508001.

Email: ahmisran@gmail.com

Cell:6301069946, 944051268

Father's Name : Sri.N.Lingaiah
Date of Birth : 10-03-1973
Total Teaching Experience : 17 Years
Address for Communication : H.NO 5-11-252/B,
Shanthinagar,
Nalgonda - 508001.

Academic Qualifications:

Degree	Year of Passing	University	Percentage of Marks	Remarks
M.Sc(Mathematics)	1997	Osmania University	85	First Division with Distinction
B.Ed	1996	Osmania university	65	First Division
B.Sc (MPC)	1994	Osmania University	86	First Division with Distinction

- Qualified in the AP-SET held on 15-06-2013
- Secured **Rank-2** in DSC held in 2001
- Secured **Rank-12** in PG-SET held in 1994

- Secured **Rank-56** in Ed-SET 1994

Teaching Experience: Eighteen Years (17)

- Assistant Professor of Mathematics, **SUM.Govt Degree College**, Kondanagula ,Nagarkarnool from 2013 to 2018
- Assistant Professor of Mathematics, **Nagarjuna Govt College(A)**, Nalgonda from 2018 to till to date
- Junior Lecturer in Mathematics, **Government Junior College**, Kangti, Medak from 2008 to 2011.
- Junior Lecturer in Mathematics, **Government Junior College**, Nampally, Nalgonda from 2011 to 2013.
- School assistant at Z.P.H.S, Munugodu, Nalgonda from 2005 to 2008
- School assistant at Z.P.H.S, Pahilwanpur, Nalgonda from 2002 to 2005

Additional Activities:

- NSS Programme Officer, SUM GDC, Kondangula
- MANA TV Coordinator , SUM GDC, Kondangula
- IQAC Coordinator, SUM GDC, Kondangula

Seminars and Conferences:

- Attended orientation course from 21-10-2013 to 19-11-2013 at JNTU Hyderabad
- Attended Empanel training programme at MGU, Nalgonda for 7 days in 2017
- Attended workshop in linear algebra in Nagarjuna Govt College(A), Nalgonda on 27-10-2018

Membership in Association:

- Member, Alumini Association, Nagarjuna Govt College(A), Nalgonda.
- Member, AP Society for Mathematical Sciences. (APSMS).

Present Working Address:

Sri.N.Narsimha

Assistant Professor,

Department of Mathematics,

Nagarjuna Government College (A),

Nalgonda-508001

Place:

Date:

(N. Narsimha)

CURRICULUM VITAE

NAME : MADHUKAR DWEPA
FATHERS NAME : SUDHAKAR REDDY
DATE OF BIRTH : 06-09-1979
ADDRESS : H NO 5-6-186
RAVINDRA NAGAR
NALGONDA
TELANGANA-508001



DESIGNATION : LECTURER IN MATHEMATICS
QUALIFICATION : M.Sc ,B.Ed
DATE OF FIRST JOINING : 25-09-2003
TEACHING EXPERIENCE : 16 YEARS FOR UG LEVEL
NAME OF THE FIRST JOINING COLLEGE : MKR
GOVT.DEGREE
COLLEGE,DEVARA
KONDA

NAME OF THE PRESENT WORKING COLLEGE: NAGARJUNA
GOVT.COLLEGE (A), NALGONDA

RELIGION : HINDU
NATIONALITY : INDIAN
LANGUAGE KNOWN : TELUGU AND ENGLISH
EMAIL : madhudwepa@gmail.com
MOBILE NO : 8978664387

Curriculum Vitae of K.Kanakaiah

Name : Kandula Kanakaiah

Qualification : M.Sc., B.Ed.,

Present Position : Lecturer in Mathematics, N.G.College. Nalgonda

Address for Communication : Hanuman Nagar ,NALGONDA

Phone : 9110368628

Date of Birth : 10-06-1981

Date of entry at UG level : 06-11-2008

Teaching Experience : 11 years for UG level

Specialization : Differential Equations

He attended the One Orientation course to refresh the subject knowledge.

Curriculum Vitae of M.Mahesh



Name : M.Mahesh

Qualification : M.Sc(Mathematics), TS-SET- 2019

Present Position : Lecturer in Mathematics, N.G.College, Nalgonda

Address for Communication : Yerrabelli, Nidamanoor mandal, Nalgonda

Phone : 9505245826

Date of Birth : 25-07-1996

Date of entry at UG level : 26-07-2019

Teaching Experience : 1 Year

Specialization : Algebra

He attended the One Orientation course to refresh the subject knowledge.

Curriculum Vitae of L.Saritha

Name : L.Saritha

Qualification : M.Sc., B.Ed.,

Present Position : Lecturer in Mathematics, N.G.College.Nalgonda

Phone : 9441018274

Date of Birth : 01-06-1986

Date of entry at UG level : 03-06-2008

Teaching Experience : 09 years for UG level

Specialization : Linear Algebra

He attended the One Orientation course to refresh the subject knowledge.