

Brief History of the Department:

The Department of Mathematics in Government City College, Nayapul, Hyderabad established in the year 1965 with different combination at UG level keeping in view the need for strengthening its Physical Sciences Wing and growing competition in the IT and Science fields. Dr. L. Nagarajan, Reader of the Department has been the In-charge of the Department for more than two years and has also been the recipient of prestigious AP State Best Teacher Award-2006. Eminent teachers like Sri. K. Rama Mohan, previously one of the NAAC Peer Team Members and Mr.Baig, Visiting Professor at one of the Schools of Mathematics in USA, made a remarkable and tremendous contribution in bringing up the Department of Mathematics

With the passage of time, a Post Graduate Course in Mathematics was introduced on Semester Model, in the year 2003-04. In the year 2015, the college introduced Department of Statistics with different combinations at UG level. Till today, admission into PG as well as UG courses is in great demand.

Objectives:

- To inculcate the habit of independent thinking and problem solving.
- To prepare the students reach out look for various fields
- Identify and focus the students to the current issues and challenges in the field of mathematics.
- To train the students in such a way that the knowledge acquired can be practically implemented for solving various problems encountered in the personal as-well-as professional life.

Present Faculty:

There are five sanctioned posts in the Department of Mathematics presently 4 Regular Assistant Professors & 1 Guest Lecturer are working in the Department. There is one sanctioned post in the Department of Statistics presently 1 Regular Associate Professor & 1 Guest Lecturer is working in the Department. Three Guest lecturers are working in M.Sc. Mathematics.

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr.V. Padma Anu Radha	M.Sc., M.Phil, Ph.D. CSIR-NET Qualified	Assistant Professor	Applied Mathematics	10
Dr. K. Sarada	M.Sc., M.Phil, Ph.D. CSIR-NET Qualified	Assistant Professor	Applicable Mathematics	10
Dr. SRINIVAS REDDY C	M.Sc, Ph.D CSIR-JRF	Assistant Professor	Applied Mathematics	9
Smt. K. M. SwarnaLatha	M.Sc. , M.Phil.	Assistant Professor	Pure Mathematics	19
Smt.T.Vedavathi	M.Sc.	Associate Professor	Statistics	30
M.Sudhakar	M.Sc. , B.Ed.	Guest Lecturer	Pure Mathematics	11
G.Sreevani	M.Sc. , B.Ed.	Guest Lecturer	Pure Mathematics	13
C.Yadaiah Goud	M.Sc. , B.Ed.	Guest Lecturer	Pure Mathematics	04
Jaydev Rathod	M.Sc. , B.Ed.	Guest Lecturer	Pure Mathematics	03
D.Anusha	M.Sc. , SET	Guest Lecturer	Statistics	03

Student Strength				
	Iyr	IIyr	IIIyr	
2015-16	188	171	142	188
2016-17	198	172	153	198
2017-18	251	181	162	251
2018-19	384	210	175	769
2019-20	396	392	219	1007
2020-21	401	368	330	1099

Year	Pass %
2015-16	84
2016-17	81
2017-18	63
2018-19	86
2019-20	90

Courses offered

- **Under Graduate Level:**

B.Sc.(MPC) B.Sc.(MPS) B.Sc.(MPE) B.Sc.(MSCS) B.Sc.(MSDS)

B.Sc.(MPCS) B.Sc.(MECS) B.Sc.(MCCS) B.Sc.(MPCS) B.Sc.(DATASCIENCEESCS)

B.Sc.(MPS)B.Sc.(MEC)

- **Post Graduate Level: M.Sc.(Puremathematics)**

FACULTY PROFILE

Dr.V. Padma Anuradha presently working as Assistant professor of Mathematics and incharge of UG Maths in The Department of Mathematics and Statistics . She has 10 years of teaching experience at UG level .She has done her M.Sc from University Of Hyderabad (HCU) and Ph.D from OU. She has qualified CSIR NET in 2010. She is Double Gold Medalist One from University Of Hyderabad for securing first rank in M.SC. Another Gold medal From Osmania University at UG level as topper of University . She is also receipt of National Merit Sholarship for securing First Rank in HCU PG Entrance. She also presented many papers in National and International conferences organized by ISTAM(The Indian Society Of Theoretical And Applied Mechanics) IIT Kharagpur and also in the conferences organized by NIT Warangal. She also got National and International Publications and also a publication in Cited Index AIP Journal(American Institute of Physics) . She also authored one book Differential Equations under Kerdar Nath and Ram Nath Meerut publications. She also conducted two training programmes of all JKC Placement officers on Quantitative techniques and Reasoning. She also conducted 14 days Refresher Training program for Degree college lectures of Gurukul and Social welfare Teachers.Her area of interest in Research is Fluid Dynamics. She is member of ISTAM.



Dr.V. Padma Anuradha	No of OC/RC/FDP attended	5
M.Sc.,Ph.D	No of publicatios	10
CSIR-NET	No of work shops/training programmes	20
	Attended	
	No papers presented in conferences	5
	No of webinars/work shops conducted	3



Dr.K.Sarada presently working as Assistant professor of Mathematics and incharge of PG Maths in The Department of Mathematics and Statistics . She has 10 years of teaching experience at UG level .She has done her M.Sc from SPMVV and Ph.D from OU. She has qualified CSIR NET in 2010.Her areas of interest in Research is Fluid Dynamics. She is member of APTSMS

Dr.K.Sarada	No of OC/RC/FDP attended	5
M.Sc,M.Phil,Ph.D	No of publications	10
CSIR-NET	No of work Shops/ training programmes	18
	Attended	
	No papers presented in the conferences	14
	No of webinars / work shops conducted	4

Mrs K M Swarnalatha

M.Sc, M.Phil



Mrs K.M.Swarnalatha presently working as Lecturer of mathematics in the department of mathematics and Statistics. She has 19 years of teaching experience at UG level. She has done her M.sc from Andhra university and completed her M.phil from MK university.

No of FDP attended	2
No of work shops attended	2
No of webinars attended	8
No of seminors conducted	1



Dr.C.Srinivas Reddy is working as an Assistant Professor in Department of Mathematics and Statistics, Government City College, Telangana, India. He completed M.Sc from University College of Science, Osmania University and he received Ph.D degree from Osmania University under the guidance of Prof. Kishan Naikoti, Chairman BOS Department of Mathematics, Osmania University. He has published 14 research articles in various International journals and communicated 8 research papers which are under review. He reviewed 10 research papers in various journals. He has 11 years of teaching experience at UG level. His major research interests are Fluid Mechanics, Heat and Mass Transfer, Non-Newtonian Nanofluids and Microchannels.

Smt.T.Vedavathi, M.Sc

Smt.T .Vedavathi is working as AssociateProfessor of Statistics and is in-charge of Statistics wing in the Department of Mathematics and Statistics. She has 22 years of teaching experience at UG level. She has done her M.Sc from Osmania University in 1987. She was the mentor for Infosys PROJECT GENESIS conducted by Infosys. She is currently working as BOS member in the Department of Statistics, Osmania University and Telangana University.



No of OC/RC/FDP attended	05
No of publications	04
No of workshops/training programmes attended	14
No of webinars/workshops conducted	03

Government City College, Hyderabad
Department of Mathematics & Statistics
Departmental Academic Activities
From the Academic Year 2012 – 13 to 2020 – 21

S.No.	Date	Name of the Activity	Title of the Activity	Details of the Resource Person	No. of students Participated
1	20-09-2013	Extension Lecture	Rings of Polynomials	Dr.Sridhar Reddy ,Reader in Mathematics, Dharmavath College of Commerce & Science	51
2	31-12-2013	National Mathematics Day Celebrations 2013	Evolution of Mathematics	Prof. V. Khannan , Ex Pro Vice Chancellor , UOH, Hyderabad	155
3	09-09-2014	Guest Lecture	Numerical Techniques	Prof. B. Shankar HOD Mathematics, OU	85
4	19-11-2014	Extension Lecture	Change of Order of Integration	Smt .Malathi Vasudevan HOD , GDC Begumpet	76
5	22-12-2014	National Mathematics Day Celebrations 2014	The Eminent Mathematician	Prof.K. Satyanarayana Retired Professor OU	123
6	30-01-2015	Field Trip to C.R.Rao Institute of Mathematics & Statistics, UOH	An Invitation to Random Matrices	Arup Bose ISI Kolkata	50
7	08-09-2015	Extension Lecture	Metric Spaces	Prof. M. Rangamma HOD, Mathematics OU,	125
8	26-11-2015	Guest Lecture	Number System	Dr .K.Sarada HOD, RBBVR College, Hyd	108
9	21-12-2015	National Mathematics Day Celebrations 2015	Statistical Quality Control	Prof. PVS Anand C.R. Rao Institute HCU Hyd	162
10	19-12-2016	Guest Lecture	Astavadanam	E.Chandraiah ,Lecture in Magic Department of Foke ,Telugu University, Hyderabad	77
11	22-12-2016	National Mathematics Day Celebrations 2016	Oral Computing Skills	E.Chandraiah ,Lecture in Magic Department of Foke ,Telugu University, Hyderabad	64
12	16-02-2017	Guest Lecture	Awareness on Basic Mathematics Certificate Course on Math Magic	E.Chandraiah ,Lecture in Magic Department of Foke ,Telugu University, Hyderabad	102
13	21-12-2017	National Mathematics Day Celebrations 2017	The Eminent Mathematician Srinivasa Ramanujan	Prof.K.Styanarayana Retired Professor OU	111
14	01-09-2018 to 20-09-2018	Extension Activity	Civil Services Coaching	Dr. V.Padma Anuradha Assistant Professor of Mathematics	150
15	22-12-2018	National Mathematics Day Celebrations 2018	Ramanujan's Birthday Celebrations	Prof. K.Satyanarayana Professor of Mathematics (Retired) Osmania University Hyderabad	140
16	18-01-2019	Extension Lecture	Career Guidance	Dr. Rambabu Paladugu Director of La Excellence IAS	125

17	27-03-2019	Extension Lecture	Personality Development	Dr. K.Venkateshwar Associate Professor of History, GDC, Vidyanagar, Hyderabad.	60
18	29-01-2020	Extension Lecture	Math Magic	E.Chandraiah ,Lecture in Magic Department of Foke ,Telugu University, Hyderabad	178
19	06-02-2020	Extension Lecture	Role of Statistic in Data Sciences	Dr. D.V. Ramana, Data scientist, Wissen Infotech, Hyd	121
20	14-05-2020	webinar	Applications of Numerical Methods	B.Rajesh, Assistant Professor of Mathematics, IIT, Nuziveedu.	64
21	09-05-2020	Teachers – Parents Meeting of B.Sc.Maths I Year Students		K.M.Swarnalatha,	26
22	02-07-2020 to 07-07-2020	National Level Online Math Quiz 2K20		Dr.K.Sarada ,Assistant professor of Mathematics,Govt city college	591
23	17-7-20	Introduction to data science and its scope		A. Prasuna, Data Scientist and Freelance corporate Trainer	88
24	22-12-20	A popular talk on Ramunujan		Prof.K.Styanarayana Retired Professor OU	75
25	4-1-2021	Carrier Guidance on civils preparation		Krishna pradeep director Twenty first century IAS academy	90
26	5-3-2021	Financial support for student progression		Dr.P..Bhal Bhaskar,Dr.V.Padma Anuradha,Dr.C.srinivas reddy ,K.M.swarna latha, T.vedavathi	9
27	9-3-21	Orientation programme For 1 st year students		Dr.V.Padma Anuradha, Dr.K.Sarada Dr.C.Srinivas Reddy,K.M.Swarna Latha, ,Jayadev Rathod	120