

GIRRAJ GOVERNMENT COLLEGE (A), NZB.

THE DEPARTMENT OF STATISTICS PROFILE

Brief Introduction of the Department:

- The Department of Mathematics established in 2001-2002
- Many notable literary giants, Competitive and accomplished teachers have served the department with great acclaim in its glorious history of 20years.
- The department at present has catered to 115 Undergraduate students in the academic year 2021-2022.
- The students of this institution have appeared for various competitive examinations and have been selected in large numbers for MCA, MBA, M.Sc. courses in various leading institutions. Most in number are settled in Government jobs and our teaching faculties are also alumni of this college.

Vision:

Statistics is the key to opportunity. No longer just the language of science, statistics now contributes in direct and fundamental ways to business, finance, health, and defense. For students, it opens doors to careers.

Mission:

The Department of Statistics main aim to achieve high standards of excellence in generating and propagating knowledge in statistics. To provide an environment where students can learn, become competent user sophisticated, understand the use of statistics in other disciplines, and they should get placements in MNC companies.

Objectives:

- To offer a set of core courses in statistics aimed at developing the student's intellectual curiosity, creative ability and habit of independent study.
- To provide the opportunity for the student to participate in research projects, summer training, seminars, work experiences, participation in congresses, exchange of students and creative projects.
- To develop the knowledge, skills and attitudes necessary to pursue further studies in statistics. And develop abstract, logical and critical thinking.
- To provide mentoring through graduate students and teachers to individualize and enrich the student's statistical experience.
- To provide the opportunity for students to concentrate in statistics to study related fields.
- To become confident in using statistics to analyze and solve problems both in college and in real-life situations.




Courses Offered:

UG LEVEL- B.SC	MSCS	MSDS
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Highlights of the Department:

- Organized a Work Shop on “New Techniques on Numerical Analysis” on 16th March 2019 in association with department of mathematics.
- Organized a Work Shop on “Research Methodology in Mathematics” on 27th February 2020 in association with department of mathematics.
- Conducted a online Quiz Programme for UG level students on **28th February 2020 using kahoot application.**
- The Department of statistics has organized a field trip to Laknavaram Bridge and Ramappa Temple located in Warangal district. On 04th January 2020 in association with department of mathematics.

FACULTY DETAILS:

Sl.No	Photo	Name of the Faculty & Qualification	Designation
1		MOHD BADRUDDIN M.Sc., M.Ed., SET	HOD (STATISTICS) and Assistant Professor
2		CH.NAVEEN KUMAR M.SC.(APPLIED STATISTICS)	Lecturer
3		G.SWETHA REDDY M.SC.(APPLIED STATISTICS)	Lecturer

Organised work shops along with department of mathematics:

- **GIRRAJ GOVT. COLLEGE (AUTONOMOUS),NIZAMABAD.**
Mathematical One Day Work Shop on
“New Techniques in Numerical Analysis” (CBCS) On 16th March
2019 RESOURCE PERSON Dr. P. MALLA REDDY
Professor, Dept. of Mathematics, Kakatiya University
Organized By DEPARTMENT OF MATHEMATICS

- The department aims to contribute to the development of students as logical thinkers, enabling them to function as productive citizens shaping them to make gems for the society. We aim at improving our students to teachers ratio by hiring eminent teachers working in diverse fields so as to make one to one interaction of teachers and students possible so that brilliant minds do not go unnoticed and to be able to see how different fields of Mathematics are interlinked.

Mathematical One Day Work Shop inaugurated by Vice Principal Sri. A. Gangadhar



వర్క్ షాప్ తో విద్యార్థులకు ప్రయోజనం



సర్టిఫికేట్లు అందుకున్న విద్యార్థులు

నిజామాబాద్: వర్క్ షాప్ వల్ల అధ్యాపకులతో పాటు విద్యార్థులకు ఎంతో ప్రయోజనకరంగా ఉంటుందని తెలంగాణ యూనివర్సిటీ పరీక్షల నియంత్రణ అధికారి డాక్టర్ కె.సంపత్కుమార్ పేర్కొన్నారు. శనివారం సగరంలోని గిరిరాజ్ ప్రభుత్వ కళాశాలలో సీబీసీఎస్ పాఠ్యాంశంలో భాగంగా న్యూటన్ క్విజ్ ఇన్ న్యూమెరికల్ ఎనాలిసిస్ పై వర్క్ షాప్ ను నిర్వహించారు. ఈ వర్క్ షాప్ కు రిసోర్స్ పర్సన్ గా కాకతీయ యూనివర్సిటీ అధ్యాపకురాలు డాక్టర్ జి.సౌజన్య హాజరై అధ్యాపకులు, విద్యార్థులకు పలు అంశాలపై కులంకశంగా వివరించి, సందేహాలను నివృత్తి చేశారు. అనంతరం సంవత్సరమూర్ మాట్లాడుతూ వర్క్ షాప్ వంటి కార్యక్రమాల పట్ల అధ్యాపకుల సందేహాలకు నివృత్తి కలుగుతుందన్నారు. ట్రైనింగ్ పాల్ దుబ్బరాజం మాట్లాడుతూ ఇలాంటి కార్యక్రమం కళాశాలలోని విద్యార్థులు, అధ్యాపకులకు ఎంతో ఉత్తేజాన్ని ఇచ్చిందన్నారు.

అనంతరం విద్యార్థులకు సర్టిఫికేట్లు ప్రదానం చేశారు. ఈ కార్యక్రమంలో కళాశాల అధ్యాపకులు బద్రుద్దీన్, ప్రసాద్, ఛోజదాస్, పండరి, గంగాధర్, కల్పన, సంగీత, శృతి, శ్రీనివాస్, ప్రసన్న, శ్రీలేఖ, శ్రీనివాస్ శర్మ, అవని, షబానా, విద్యార్థులు పాల్గొన్నారు.

2.

DEPARTMENT OF MATHEMATICS AND STATISTICS

Organized One Day Work Shop on
“Research Methodology in Mathematics” On 27th February 2020

Sponsored by

UGC Autonomy Grants & DRC, GGC (A), NIZAMABAD.

RESOURCE PERSON: Dr.C.GOVERDHAN

Asso.Professor, Dept. of Mathematics, Osmania University

Chief Guest: Dr.K. Sampath Kumar

Assist. Prof. of Statistics & BOS, Chairperson, Dept. of Math's & Stats, TU.

70 Students of UG, PG and 40 Lecturers of various colleges are attended the workshop on RESEARCH METHODOLOGY IN MATHEMATICS

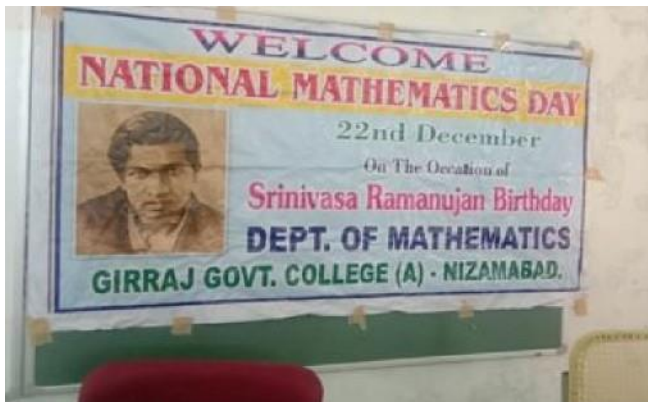
- The main *aim of research* is to find out the truth which is hidden and which has not been ... application of *mathematical*, logical and analytical *techniques* to the solution of business problems. And developing new aspects of critical *mathematics* education. Research Methodology helps us to get a solution to a problem of Mathematics. It provides us the necessary training in choosing methods, materials, scientific tools and training in techniques relevant for the problem chosen.



QUIZ :

1.The Dept. of Mathematics and Statistics were Cnnducted QUIZ Competition for UG & PG Students on the occasion of the NATIONAL MATHEMATICSDAYBIRTHDAYOFSRINIVASA RAMANUJAN) ON 22-12-2019.

The number students participatedin UG level 42&PG level30. TheCollegePrincipalDr. E. Laxznlnarayana andVicePrincipal Sri.A.Gangadharweregiven prizes to the winners.



WI##ER OF QUIZPROGRAMME



2. Department of statistics conducted online quiz to develop the subject knowledge in statistical students by using kahoot app on 28/02/2020 in presence of vice principal sri. A. Gangadhar and statics HOD sri MD.Badruddin . Maximum students were attended this programme with much attension.



Field Trip 2019-20

1. Date of the Trip :04-01-2020
2. Visitedplace : Laknavaram Bridge , Ramappa Temple and WarangalFort
3. Distance from the college : 300 kms faraway
4. Number of students came to the field trip : 45(Undertaking formsenclosed)
5. Students belong to the class : B.Sc(Mathematics) I Year ,II Year and IIIYear
6. Staff participated in the Field Trip : 1. A. Gangadhar,HOD
 2. Md. Badruddin, HODofStatistics
 3. B. Prasad , Lecturer
 4. K. Gangadhar,Lecturer
 5. G. Sangeetha ,Lecturer
 6. R. Sreenivas , Lecture in statistics
 7. B. Sai sameera , Lecturer in statistics

The Department of Mathematics and Statistics UG has organized a field trip to Laknavaram Bridge and Ramappa Temple located in Warangal district. The Departmenthasengagedonetravelerbusforthetransportation.Wewerestartedthe journey on 04-01-2020 at 3.30 a.m from the college and reached to the Kakatiya University, Warangal by 8.30 am and visited the Campus. After completion of Tiffin, we started to the Laknavaram Bridge by 9.30 am located about 65km from Warangal and reached by 10.30 am. Students were amazed to see such a beautiful lake and the bridge which is constructed on the lake. It is one of the engineering marvelsofthekakatiyakingswhichhasbuiltatanexcellentGeographicallocation. It was designed by GirishBhardwaj.

After seeing the Laknavaram Bridge we started to the Ramappa Temple. It was 30 km away from Laknavaram and we reached there by 01.00 p.m. There we met a local Guide and he has explained in detail about the Architecture of Ramappa temple. It was Great Experience to the faculty and students by seeing Ramappa Temple construction and the technology used in the construction. By knowing the facts about the Ramappa Temple all of us very pleased for visiting such a great architectural Indian Temple. By seeing this all of us feels like soul soothing offering great solitude. We were started our return journey at 9.00 p.m and arrived to the college by4.00amon 05-01-2020.

STUDERTSORLAKNAVARAABI f l DOE



RADAAPPATEMPLE



Individual Profile of the Faculty



1. Name : MOHDBADRUDDIN
2. Designation : HOD(STATISTICS)
ASST.PROF. OF MATHEMATICS
3. Date of Appointment as DL : 05-08-2016
4. Date of Working at present station : 30-06-2018
5. Qualification : M.Sc., M.Ed., SET

Name of The Degree	University	Year of Passing	Grade/%
P.G	O.U	1987	68.83%
M.Phil			
Ph.D			
SET	OU	2016	
Others : M.Ed	ANNAMALAI UNIVERSITY	1989	60%

6. List of National Seminars/workshops attended/ Organized for the last five years.

S.No	Title of the seminar/workshop	Place	DATE	Contribution Presented/Organized
1	NEW TECHNIQUES ON NUMERICAL ANALYSIS	GG COLLEGE, NIZAMABAD	16-03-2019	Organized by Department of Mathematics.
2	RESEARCH METHODOLOGY IN MATHS AND STATS	GG COLLEGE, NIZAMABAD	27-02-2020	Organized by Department of Mathematics.
3	COMPREHENSIVE ONLINE MODIFIED MODULES FOR INDUCTION TRAINING THROUGH E-LEARNING MODE	NIZAMABAD	2019-20	Organized by DR.MCR HRD INSTITUTE OF TELEGANA

7. Details of the training /Courses attended during last fiveyears.

S.No	Title of the seminar/workshop	Place	DATE	Contribution Presented/Organized
1	FACULTY IN UNIVERSITIES / COLLAGES/ INSTITUTIONS OF HIGHER EDUCATION	TEACHING LEARNING CENTER ,RAMANUJAN COLLEGE,UNIVERSITY OF DELHI	26-06-2020 TO 24-07-2020	MINISTRY OF HRD
2	QUANTITATIVE METHODS FOR DATA ANALYSIS	TEACHING LEARNING CENTER ,RAMANUJAN COLLEGE,UNIVERSITY OF DELHI	12-08-2020 TO 25-08-2020	MINISTRY OF HRD
3	NIPUNA 2017 NURTURING YOUNG LEADERS IN HIGHER EDUCATION	HYDERABAD	06-10-2017 TO 08-10-2017	Organized by CCE,HYD.

8. Details of the Field Trips/QUIZOrganized

S.No	Name of The Activity	Place visited Year	Class/No of Students visited
1	Quiz Conducted to UG & PG level students on the occasion of Srinivasan Ramanujan Birthday	GG COLLEGE, NZB 22-12-2019	50 UG ALL GROUPS & 40 PG MATHS STUDENTS & 8STAFF attended
2	Field Trip	LAKNAVARAM Dist. Warangal on 04-01-2020	25 UG ALL GROUPS & 20 PG MATHS STUDENTS & 6STAFF attended
3	Quiz Conducted to UG & PG level students on the occasion of Srinivasan Ramanujan Birthday	GG COLLEGE, NZB 22-12-2020	35 UG ALL GROUPS & 20 PG MATHS STUDENTS & STAFF attended
4	Online Quiz Conducted to Students and Faculties at National Level	A National Level Online Quiz on Mathematics 2020 From Google Form on 08/07/2020	317 participants attended at National Level and got e-Certificate

Signature of the Head of the Department

MOHD BADRUDDIN
Signature of the Lecturer

Individual Profile of the Faculty

1. Name : CH.NAVEEN KUMAR
2. Designation : LECTURE IN STATISTICS
3. Date of Appointment as DL : NOV-2021
4. Date of Working at present station : 2021
5. Qualification :M.Sc.(APPLIED STATISTICS),O.U
SGPA 6.66



List of National Seminars/workshops.

S.No	Title of the seminar/workshop	Place	DATE	Contribution Presented/Organized
1	National webinar on 15th National statistics day	NIZAMABAD	29-06-2021	Keshav memorial institute of commerce and science
2	R-Programming for Descriptive statistics	NIZAMABAD	03-06-2021	DR.SNS Rajalaxmi college of arts and science
3	Statistics techniques in Data science	NIZAMABAD	11-06-2021	Nishitha degree college

Signature of the Head of the Department

Ch. Naveen kumar
Signature of the Lecturer

Individual Profile of the Faculty

1. Name :GANDYATAM SWETHA
REDDY
2. Designation : LECTURE IN
STATISTICS
3. Date of Appointment as DL : NOV-2021
4. Date of Working at present station : 2021
5. Qualification :M.Sc.(APPLIED
STATISTICS)
TELANGANA UNIVERSITY
SGPA : 8.96



Signature of the Head of the Department

G.SWETHA REDDY
Signature of the Lecturer