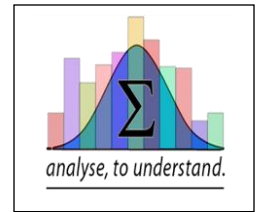




STATS SPACE-7 2023-2024



SIGMA CLUB Department of Statistics

St. Ann's College for Women

(Autonomous), Affiliated to Osmania University
Re-Accredited 'A+' Grade by NAAC (3rd Cycle), CPE by UGC,
ISO 21001: 2018 & ISO 14001: 2015
Mehdipatnam, Hyderabad-500028

Principal's Message

*"I congratulate the Department of Statistics on the release of the seventh issue of **Stat-Space**, wishing them all the best and hope this issue will serve as a good source of knowledge and will go a long way in serving the student community and society to a large extent."*



Dr.Sr.A.Vijaya Rani
M.Sc., B.Ed.,Ph.D.
Principal

Department Highlights 2023-24

- ✦ The faculty of the department extended the expertise as consultancy in the area of statistical analysis for one ICSSR sponsored MRP.
- ✦ The Head of the Department Mrs. D. Srikala, has been awarded Doctor of Philosophy by Osmania University.
- ✦ The students of the department won 6 prizes in various inter-collegiate competitions organized in twin cities.
- ✦ Faculty is on the panel of question bank preparation for National Level Statistics Olympiad.
- ✦ 3 of the faculty members presented a paper on Crypto currency in a National Seminar.
- ✦ The department has more than 100 students registered in Youth for Seva (YFS) and volunteered for different activities organized by YFS.

Faculty Achievement

Dr. (Mrs.) D. Srikala has been honoured with the inclusion of her biographical profile with photograph in XIIth edition of the Asian Admirable Achievers.



Asian Admirable Achievers (Vol. XII)

Rifacimento International

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This is to certify that **Dr. (Mrs.) D. Srikala** has been honoured with the inclusion of her/his biographical profile with photograph in XIIth edition of the Asian Admirable Achievers.

Ravi Bhushan
Compiling Editor.



D. Srikala, (Ms)

Educationist & Statistician

MSc, MPhil, PhD; b June 3, 1972 Hyderabad; m Chitti Vishwanath; *Educ* Osmania and Madras Univs; Head, Statistics Dept, St. Ann's College for Women, Hyderabad; Vice-President, Soc for Development of Statistics 2018-21; Bio-Statistician, Ethics com, GMERF 2017-19; organised/participated in national conferences, seminars and workshops; associated with 2 research projects; *pubs*—6 Textbooks; and several research papers published in different journals; Awards St Ann's Meritorious Teacher Award, Appreciation Cert; *Address* Statistics Department, St. Ann's College for Women, Mehdiapatnam, Hyderabad 50264, India. E-mail: dept.sta@stannscollegehyd.com, kalachitti@gmail.com

This is to certify that **Dr. (Mrs.) D. srikala** has been honoured with the inclusion of her/his biographical profile with photograph in XIIth edition of the Asian Admirable Achievers.

Ravi Bhushan
Compiling Editor.



Events Organized

1. Online Orientation Program on Data Science Internship – 21/06/2023

(Organized by UNP & Department of Statistics, St. Ann's College for Women, Mehdipatnam)



Job Opportunities

- Data Scientist
- Data Architect
- Data Analyst
- Data Modeler
- Business Analyst
- Quantitative Analyst
- BI Engineer
- Database Administrator
- Data and Analytics Manager
- Statistician

Average salary of a data scientist in India is ₹10,00,000/year.

Capstone Projects



- 2 Capstone Projects (Regression & Classification)
- Students will work in teams
- Guidance and support from UNP Team through each stage
- Regular project review sessions
- Professional presentation preparation

2. Commemorated National Statistics Day 2023

SIGMA Club commemorated National Statistics Day 2023 on 4th July 2023 by organizing the following Intercollegiate Competitions:

- ✚ **ONLINE QUIZ:** The topic for quiz is '*P.C.Mahalanobis- Life History and Contributions*'.
- ✚ **POSTER COMPETITION:** The theme for the poster competition is '*Role of NSSO in attaining Sustainable Development Goals*' (team of 2).

✚ **Winners:**

- **I Prize** is shared by two teams: Bibi Hadiya- B.Sc. (MSCS) III & P. Mamatha- B.Sc. (MSDS) II.
- **II Prize:** Afra Sohail- B.Sc. (GCM) - II & Mahveen Fatima B.Sc. (NCZ) – II



3. Field trip to C R Rao AIMSCS, UoH Campus Gachibowli, Hyderabad 19/12/2023

Faculty Incharge: Mrs. B. Deepika, Ms. M. Anusha

51 students of I, II and III year B.Sc. (MSCS & MSDS) were taken to C R Rao AIMSCS, an institute committed to foster research in Statistics, Computer Science and Mathematics. Late Prof. C R Rao, a distinguished scientist and eminent statistician, is the founder of this Institution.



4. STATAFEST 2023 – 23/09/2023

STATAFEST, an intercollegiate event organized every year by SIGMA Club under the guidance of the faculty of Statistics department.

Guest of Honor: Ms. M. Sreedevi, Associate Director, Quanticate India Pvt ltd.

Title of the Talk: Early Clinical Development

Ms. Himika Aurora president of SIGMA Club has led the team and competitions were conducted. Students from our college and different colleges participated with enthusiasm and won prizes in the competitions, 18 teams from different colleges participating from various streams and are encouraged to think *statistically*.

Competitions:

- i. **STATS CLASH:** This is a Quiz competition with four rounds - Break it or make it, Mystery Box, Grip Clash and the Final Call.
1st prize- Sahana, Rachana and Bhavani -MSDS-III, Kasturba Gandhi Degree College.
2nd prize - Saipriya,Akshaya and Nandhini-MSCS-III, St. Ann’s College for Women.
3rd prize - Lalitha, Architha and Aamina-MSCS-I, St. Ann’s College for Women.
- ii. **SNAP SPEAK:** Participants are asked to choose chits from a box. A question was written on chits given to them. They need to find answer for that and speak about that topic for 1 minute.

- 1st prize-Mahreen-B.com (business analytics)-II, St. Ann’s College for Women.
 2nd prize-Yagna bhavana-B.com (business analytics)-II, St. Ann’s College for Women.
- iii. **ANALYTICAL SHOWDOWN:** Data sets were given to the participants and asked to draw possible conclusions and interpretations.
 1st prize-Sumela and lubna from B.Com (business analytics)-II, St. Ann’s College for Women.
 2nd prize-Akshaya and Sai Priya -MSCS-III, St. Ann’s College for Women.



5. Invited talk on “Building the ‘I’ in success” - Soaring High – 10/01/2024

Speaker - Ms. Varsha Khemani [Alumnus 2003-2006], COO, Oye Happy

Target Audience: B.Sc. (MSCS & MSDS) I/II/III

- The session was motivational and impactful on the young minds through the words of Ms. Varsha Khemani experience and inspiration. The ‘I’ is the personality of ourselves to mould oneself in a right path.



6. One Day Workshop on Tableau

(Jointly organised by IQAC & Department of Statistics, St. Ann's College for Women, Mehdipatnam)

The resource person for the workshop – Mr. Raja Venkat Ram, Data Scientist, Verizon.

Participants: Students from different combinations of B.Sc., B.Com.



7. STATOPEDIA (Centre for Coaching)

Faculty Incharge: Mrs. B. Deepika, Ms. M. Monika Sai

Department of Statistics started a coaching center for Statistics subject related competitive exams

Objective: To provide additional guidance, support, and resources to supplement the students in cracking the competitive examinations and prepare for interviews.

The coaching is with an impetus on question paper solving, guiding the students for exams ensuring that the students are well prepared. Syllabus, Study materials, previous papers & Mock tests, are provided to the students which help in their preparation. Coaching is provided for the examinations - **CPGET – OU, Central Universities and any other universities, Government jobs – ISS, ASO, SO**

8. Workshop on Importance of Professional Ethics in Career Growth and Personal Development by Dr. A. Mary Francina – 04/02/2024

Speaker - Dr. A. Mary Francina, HOD, Director MBA, Dean Student Affairs (PG)

Target Audience: B.Sc. (MSCS & MSDS) III

Outreach Activities by the Department

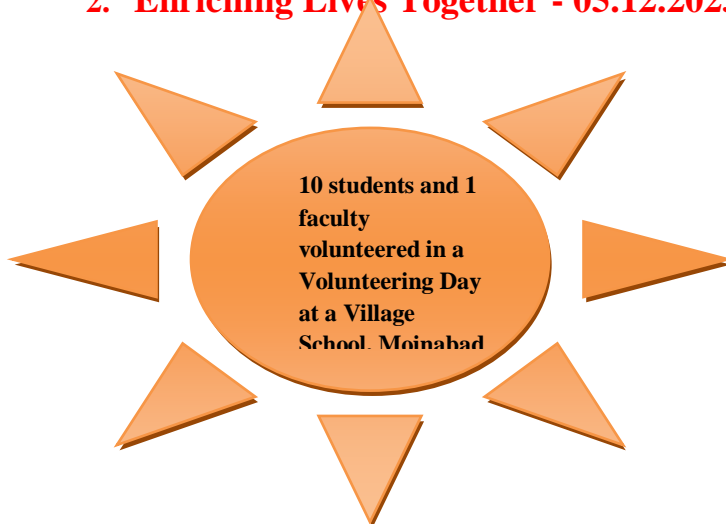
Department of Statistics is constantly involved with Youth For Seva (YFS)

1. DAAN UTSAV – 08/10/2023



Donated 150 water bottles and 150 geometry boxes to under privileged school children

2. Enriching Lives Together - 05.12.2023



3. CHIGURU 2024 – an Annual Kids Carnival by YFS 07.01.2024



‘Statistics’ from the pen of a poet

World of Data

See the information you can enjoy it
Think big and big you can play with it
Additional data tells you its mean
The mode is the number most seen
Interact more and more to know its power
Seriously it has great significance, not lower
Theoretical tests always shine
Independence may not always show its sign
Correlation associates things
Statistics has got its wings
to fly and Fly until the sky
and be the superior without any barrier...!!!

Data Scientist

I am a **Data Scientist**
Python is my language,
I use it to analyze
The insights I gain..!!
My data is my sword
It helps me understand
Which hypotheses worth testing
And which I should discard..!!
There’s so much to learn in Data Science
But with Python I can do it all
It’s the perfect language
For making insights galore...!!!

DEPARTMENT OF STATISTICS



Dr. D. Srikala, HOD
Mrs. B. Deepika
Ms. M. Monika Sai
Ms. K. Anjanee
Ms. M. Anusha

SIGMA CLUB CABINET



President – Ms. Himika Arora (B.Sc. (MSCS) III)
Vice President – Ms. Beena (B.Sc. (MSCS) II)
Secretary – Ms. Tejashree (B.Sc. (MSDS) III)
Assistant Secretary – Ms. Vaishnavi (B.Sc. (MSCS) II)
Treasurer – Ms. J Kalpana (B.Sc. (MSCS) III)
Assistant Treasurer – Ms. Shruti (B.Sc. (MSCS) I)