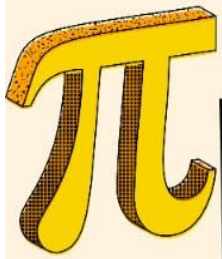
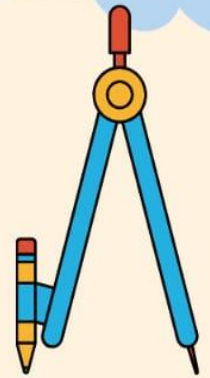


**A.S.D.GOV'T DEGREE COLLEGE (W) (A)
KAKINADA**



FIELD



TRIP



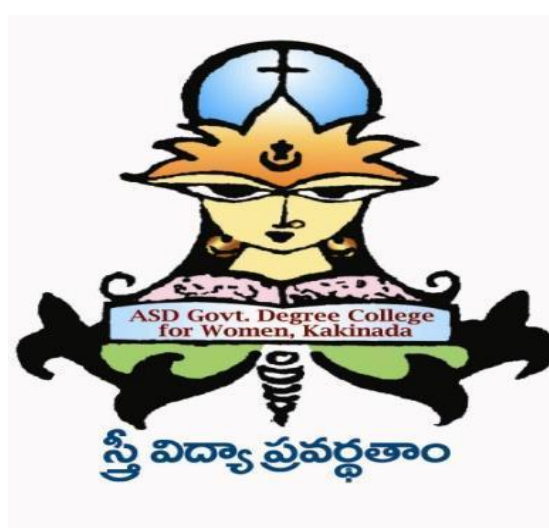
26 OCTOBER 2K24



Department of Mathematics

**A.S.D. Government Degree College for Women (Autonomous)
Kakinada**

(Accredited by NAAC With “B” Grade in cycle 3)
(Affiliated to Adikavi Nannaya University, Rajamahendravaram)



DEPARTMENT OF MATHEMATICS

Field Trip

2024-25

Report

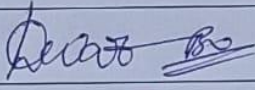
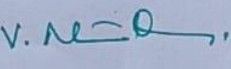
ON

Academic and Educational Tour to Andhra University, Visakhapatnam

ON

26/10/2024.

A.S.D.GOV.T.DEGREE COLLEGE FOR WOMEN (A) , KAKINADA
DEPARTMENT OF MATHEMATICS
DETAILS OF ACTIVITY

Date	26/10/24
Conducted through (DRC/JKC/ELF/NCC/NSS/ Departments etc.,	DEPARTMENT OF MATHEMATICS
Nature of Activity (Seminar/Workshop/Extn. Lecture etc.,)	Field Trip
Title of the Activity	Academic and Educational Tour
Name of the Department/Committee	DEPARTMENT OF MATHEMATICS
Details of Resource Persons(Name, Designation etc.,)	Dr.V.Anathalakshmi , Principal
No.of Students Participated	50
*Brief Report on the activity	During the educational visit, students will explore the Mathematics Department, where they will gain insights into advanced mathematical concepts and the latest research in the field. They will have the opportunity to interact with professors and participate in hands-on activities designed to inspire their interest in mathematics. students visit the library, a hub of knowledge, where they can access an extensive collection of books, journals, and digital resources to support their academic pursuits.
Name of the Lecturers who planned & conducted the activity	Dr.B.Surya Naryana Devara
Signature of the Department in charge/convener of the Comiittee	
Signature of the Principal	
Remarks	

DEPT. MINUTES RESOLUTION COPY

October-2024

53

Departmental staff meeting is conducted on 31/10/2024 at 3pm in maths department. The following resolutions are made by the department in the meeting:

- (1) To update all academic registers, records and pending work uploading in the college website related to Maths department.
- (2) It is Resolved to complete creating of ABHA id, ABC id and complete Swame Andra @ 2024 registration to IBSC maths major & minor and M.Sc. Students.
- (3) To focus on special admission and resolved the action taken to
- (4) increase admission in IBSC math (M)
- (4) About completing of co-po attainment for academic year 2023-24
- (5) It is resolved to conduct online classes to IBSC students in core-1 and core-2 as per scheduled given by college, in Sundays holidays, prepare them to mid-1.
- (6) It is resolved that to students for mid-1
- (7) It is resolved to verify the places to visit in Education Tour to Vizag in Oct/Nov-2024.
- (8) To conduct Remedial coaching classes.
- (9) It is resolve to conduct co-curricular activity "Ganita Avadhan

V. N. A.
Signature

1. V. G. S. L.
2. G. Seidevi

Dr. P. S.

PERMISSION LETTER

24/10/24

Kakinada,
24/10/2024

From
Dr BSN. Devara,
HOD, Department of Physics & Mathematics
ASDGDC (W)(A),
Kakinada.

To
The principal,
ASDGDC(W)(A),
Kakinada.

Subject: Request for permission to conduct educational tour regarding;

Respected Madam,

The Department of Physics & Mathematics are combinedly planning to organize an educational tour to the III MPC, MPCS and MSCS on 26/10/2024 Saturday. The educational tour provides academic enhancement, Skill development, applications of theoretical knowledge to the students.

Tour details:

Place: Visakhapatnam

Date:26/10/2024

Duration: 1 Day

Transportation: By Bus

No of Students:41

Staff members:4

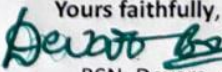
Places planned to visit in educational trip:

- 1) Doppler Weather Radar station
- 2) Cyclone warning center
- 3) VMRDA Visakha aircraft Museum
- 4) INS Kurusura Submarine Museum
- 5) KailasGiri
- 6) Rushikonda
- 7) Metrology Lab, Oceanography Lab, Nuclear Physics Lab in Andra University

The educational tour will be supervised by faculty of Physics & Mathematics. We are giving assurance to follow the student's safety and Security, follows the college policies and guidelines. We will collect student indemnity letters.

We kindly request your permission to proceed with educational tour. This will help the students academic and personal growth.

Thanking you to considering our request

Yours faithfully,

BSN. Devara,, 24/10/24

I/C Department of Physics & Mathematics

REPORT

REPORT ON EDUCATIONAL TRIP

Date:26/10/2024

Institution :Department of Mathematics , A.S.D. Government Degree (W)(A), Kakinada .

Destination : Andhra University , Submarine

Department of Mathematics , A.S.D. Government Degree (W)(A), Kakinada Successfully Organized Academic And Educational Tour to Vishakhapatnam on 26/10/2024 The Primary Object of this Tour Were to provide students with Firsthand Expose Renowned Academic Intuition Foster in intelecture and enhandse their understand of Mathematics Concepts

Aim

To provide students with a hands-on learning experience by visiting Andhra University's diverse departments and research facilities, promoting a deeper understanding of academic concepts, fostering professional development, and encouraging a greater appreciation for practical applications in various fields of study

Objective :

Department of Mathematics , A.S.D. Government Degree (W)(A), Kakinada Successfully Organized Academic And Educational Tour to Vishakhapatnam on 26/10/2024 with the Primary objective of

1. Explore Advanced Mathematical Concepts and Applications
2. Demonstrate how to access and use online databases, research papers, and other academic resources to support studies.
3. To understand the role of mathematics in engineering applications, particularly in the design and operation of submarines

Details of the Visit:

1. Andhra University

History of Andhra University:

Andhra University, established in 1926, is one of the oldest and prestigious universities in India, located in Visakhapatnam, Andhra Pradesh. The university offers a wide range of undergraduate, postgraduate, and doctoral programs across various disciplines, with an emphasis on research and innovation.



Applied Mathematics Department :

During their educational visit, students will explore the Mathematics Department, where they gain insights into advanced mathematical concepts and the latest research in the field. They will have the opportunity to interact with professors and participate in hands-on activities designed to inspire their interest in mathematics.

Incharge of Department Prof.K. Rajendra Prasad Sir Explained Mathematics Applications in different Fields and also sir explained about Job Opportunities after Completion of MSc Mathematics , Data Scientist, Quantitative Analyst, Operations Research Analyst, Research Scientist , Software Developer , Teaching ect.....



Statistics Department :

History

The Department of Statistics was established in the year 1951, with (Late) Prof. K.Nagabhusanam as Head of the Department. It is a matter of great pride that the department was started by such an eminent personality who obtained his Doctorate in Statistics under the guidance of Prof. Harald Cramer, an eminent statistician of the World

Prof.B.Muniswamy HOD of Statistics , Sir Interact with the students sir explained about Job Opportunities after Completion of MSc Statistics

1. Statistician

- **Role:** Statisticians analyze data and use statistical methods to solve problems and make decisions. They design experiments, surveys, and studies, and apply statistical tests to interpret results.

2. Data Scientist

- **Role:** Data scientists analyze large datasets, develop algorithms, and use machine learning techniques to extract insights and support decision-making. They work with big data and are skilled in programming, modeling, and data manipulation.

3. Biostatistician

- **Role:** Biostatisticians apply statistical methods to biological, medical, or health-related research. They analyze clinical trial data, epidemiological studies, and other health-related data.

2. Central Library

Dr. V.S. Krishna Library is the central library of Andhra University with two branch libraries i.e., (i) Engineering College Library, (ii) Law College Library working under its control. Dr. V.S. Krishna Library has 60,000 sq. ft. (5574.18 sq. m.) of Carpet area. Besides the work and stock areas, each section has seating and reading facility to enable the user to choose and refer to the books comfortably.

Librarian Prof.P.Venkateswarlu sir Many libraries offer access to academic journals, databases, and other resources critical for research. This includes access to materials that might otherwise be behind paywalls or subscription services. Libraries often provide access to digital materials like eBooks, audiobooks, digital magazines, online courses, and streaming services. Libraries typically carry textbooks for a wide range of math courses, from elementary algebra to advanced calculus, linear algebra, differential equations, and beyond. Students can use these resources for their coursework, homework, and review.



Submarine

Mathematics plays a crucial role in the design, operation, and functionality of submarines. From structural engineering to navigation, and from underwater acoustics to safety systems, math is used extensively in almost every aspect of submarine operations.

Weight and Displacement Calculations: The weight of the submarine (including crew, fuel, and equipment) must be carefully balanced with its volume and the displacement of water. The math behind this ensures that the submarine can control its depth by adjusting the buoyancy.

The field trip to Andhra University's Central Library and SBMIRIAN was an enriching experience. It provided a deeper understanding of the academic infrastructure that supports the university's educational mission. The central library is an indispensable resource, offering access to vast amounts of knowledge, while SBMIRIAN plays a pivotal role in advancing research and collaboration. Overall, the visit highlighted the importance of a strong academic environment for fostering learning and research, and it reinforced the commitment of Andhra University to provide state-of-the-art facilities to its students and faculty.

Outcomes:

1. **Improved Understanding of Course Material:** Students will develop a clearer, practical understanding of the concepts taught in the classroom by observing their real-life applications.
2. **Increased Curiosity and Interest in Research:** Students may become more inclined to pursue research or related careers after witnessing cutting-edge work being done at the university.
3. **Strengthened Professional Development:** By interacting with faculty and industry experts, students will gain insight into career opportunities and pathways in their respective fields of interest.
4. **Enhanced Critical Thinking and Problem-Solving:** Exposure to new environments and challenges will encourage students to think critically and approach problems creatively.
5. **Better Team Collaboration Skills:** Collaborative exercises or group discussions during the trip will enhance the students' teamwork skills and ability to collaborate effectively.
6. **Broader Perspective on Education:** Students will gain a better appreciation for the academic opportunities, infrastructure, and resources that universities like Andhra University offer.

STUDENTS LIST

**ASD GOVERNMENT DEGREE COLLEGE FOR WOMEN (A), KAKINADA
DEPARTMENT OF PHYSICS & MATHEMATICS**


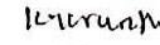
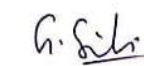
S.NO	NAME OF THE FACULTY	DESIGNATION	PHONE NUMBER
1	B. Surya Narayana Devara	HOD	7661828147
2	K. Kranthi	Contract Faculty in Physics	9490285022
3	V. Geetha Satya sri	Guest Faculty in Mathematics	9581112018
4	G. Sridevi	Guest Faculty in Mathematics	9391825933
5	M. Chinna	Bus Driver	9848068050
6			

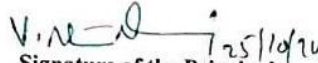
LIST OF STUDENTS

S.NO	REGD NO	NAME OF THE STUDENT	CLASS/GROUP	PHONE NUMBER
1	2237002	D. Ganga Bhavani	III MPC	9618178988
2	2237003	K. Veera veni	III MPC	9705281140
3	2237004	T. Anantha	III MPC	8501818411
4	2237005	V. Vijaya Lakshmi	III MPC	9010482790
5	2237009	B. Lovatalli	III MPC	9392184852
6	2237010	K. Bhavani	III MPC	7893673234
7	2237011	M. Jyotshna	III MPC	9059054239
8	2237013	S. Sammaakka	III MPC	9346692788
9	2241001	J. Thanusri	III MSCS	7794838498
10	2241002	S. Naga Divya Jyothi	III MSCS	7075272044
11	2241005	D. Veeraveni	III MSCS	8790020092
12	2241006	K. Sowmya Sri	III MSCS	8919853851
13	2241007	P. Lakshmi Lalitha	III MSCS	9505692227
14	2241008	N. Ammulu	III MSCS	7013072984
15	2241009	P. Mahalakshmi	III MSCS	9398619433
16	2232001	B. Sri Ramya Priya	III MPCS	9391619565
17	2232002	B. Bhavya Vijaya	III MPCS	9390429002
18	2232003	Ch. Devi	III MPCS	7382703539
19	2232005	K. Kasthuri Mahalakshmi	III MPCS	9640437138
20	2232006	S. Ganga Mahalakshmi	III MPCS	8374683772
21	2232007	A. Durga Devi	III MPCS	6281331428
22	2232009	M. Jnana Sri Vennela	III MPCS	7842050555
23	2232013	S. Naga Ambika	III MPCS	9701388269
24	2232014	V. Maheswari	III MPCS	8332036679
25	2232017	B. Lalitha	III MPCS	9100212439
26	2232018	Ch. Pushpa Bhavani	III MPCS	8978703347
27	2232020	Ch. Baby Sireesha	III MPCS	7893694688
28	2232021	Ch. Bhuvaneswari	III MPCS	9676311345
29	2232024	D. Sai Veni	III MPCS	6281594415
30	2232025	G. Kavya	III MPCS	8555936743
31	2232027	G. Vijaya Lakshmi	III MPCS	9032883965

32	2232029	K. Sri Lakshmi	III MPCS	8519992820
33	2232030	K. APARNA	III MPCS	7386196138
34	2232033	M. Veera Veni	III MPCS	9652324995
35	2232034	P. Veera Venkata Lakshmi	III MPCS	6300923889
36	2232035	P. Veera Ganga Sindhu	III MPCS	9640444569
37	2232036	P. Durga Bhavani	III MPCS	9581591421
38	2232037	Pilli Bharathi	III MPCS	9030541428
39	2232039	P. Ramya	III MPCS	7842334085
40	2232040	P. Harika Veera Naga Jyothirmayi	III MPCS	8309557667
41	2232042	R. Nirmala Kumari	III MPCS	8309557667
42	2232043	R. Syamala Devi	III MPCS	9133778141
43	2232044	S. Venkata Padmavathi	III MPCS	9553749188
44	2232046	S. Chandini	III MPCS	9642354794
45	2232047	V. Sangeetha	III MPCS	7569801585
46	2232048	Y. Teja Sri Sai Pavani	III MPCS	9398663227

Signature of the Faculty

- 1) 
- 2) 
- 3) V. heetha Sai Sri
- 4) 


Signature of the Principal

Parents/Guardian consent Letters

FORM OF INDEMNITY BOND FOR STUDENTS

In consideration and at my own request as a participant in Educational Tour, and while travelling in Bus, I under take agree that neither I nor may executor (or) other legal representative will make any claim against the college authorities (or) Principal (or) Lecturers, in respect of any loss (or) injury resulting in death due to any reason what so ever which I may suffer while (or) in consequence of my participation in the above said camp i.e while travelling in bus from i.e., Government Degree College, Naidupet to SDSC SHAR, Sullurpet. Return from SDSC SHAR Sullurpet to Government Degree College Naidupet and I understand that no compensation will be paid by college.

I agree as to bind myself my executors, and other legal representatives to indemnify the college (or) Principal (or) Lecturers against any claim which may be from any third party against them (or) any of them arising out of any Act of default on my part during (or) in connections with the tour.

I have been explained the precautions to be taken against any danger/ accident and I have understood them. I have been told not to go any unauthorized areas in the vicinity of the camp. If I go any out of bounds I shall do entirely at my own risk.

D.veeraveni
Signature of the Student

D.వేదవేదవేదవేద
Signature of the Parent / Guardian

Witness

1. Mahalakshmi

Students Feedback Report

D. Veeraveni
III BSc [H.S. CS]

Feedback for Visiting Andhra University

Andhra University has a rich history and a strong reputation in both its Mathematics Department and library facilities.

Mathematics Department: The Mathematics Department at Andhra University has been home to several eminent scholars, including Prof. T. Vijaya Raghavan, a student of G.H. Hardy and founder Director of the Ramanujan Institute of Mathematics in Madras, and Prof. S. Minakshisundaram, an internationally renowned mathematician. Students have praised the faculty for their expertise and dedication. One student noted, "one of the best parts of Andhra University is the faculty. It has the best faculty for the concerned subject or course."

Library Facilities: The central library, Dr. V.S. Krishna Library, spans 60,000 sq. ft. and includes branch libraries for Engineering and Law. It offers seating for 500 users and provides a vast collection of resources.

Overall, Andhra University is recognized for its experienced faculty and comprehensive library facilities, contributing to a conducive learning environment.

K. Soumya Sri

III B.Sc [M.S.CS]

Feedback for visiting Andhra University

I recently had the opportunity to visit the Mathematics Department at Andhra University and explore its library facilities. My overall experience was insightful and academically enriching.

Mathematics Department:

* Faculty & Teaching: The faculty members were knowledgeable and approachable, offering valuable insights into various mathematical concepts and research areas. Their dedication to academic excellence was evident.

The Department maintained a professional and academic atmosphere, which was conducive to learning and discussion.

Library:

The library had an extensive collection of Mathematics books, research journals, and reference materials. However, updating some sections with the latest publications would enhance the resource pool.