St. Ann's College for Women

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CRITERION – II Teaching - Learning and Evaluation

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2.3.1. Student Centric Methods Participative Learning Methods

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Department of English

The literary activities motivate the students to exhibit their talents in the various competitions conducted by the Department. Picture Contest, Poetry Recitation competition, an intra-college event, brought out the talent in students. Ann Mega Quiz, in collaboration with Department of Library & Information Science is exclusively for thr first year students.

Picture contest was conducted to commemorate Friendship Day on 3rd August, 2018.

Students enthusiastically participated in the event by submitting photographs taken with their friend(s) with appropriate captions.

The winners I prize - Narmada Bedika BA III II prize - Priyanka, Niharika, Amareshwari, Lakshmi Prasanna, Sai Shravani II RCB II prize – M. Hatitha, Aditi Khamamkar, I. Reshma GCZ III III prize – Ruqaiya, Kulsum NCB II Consolation prize - Syeda Fatima Zehra BCOM IAF IIB



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The Department of English in collaboration with the Department of Library and Information Science conducted Ann Mega Quiz on 21st August, 2018.

The winners I prize – Syeda Uzma Batool, Sofia Sajid, Noorjahan Ansari – BBM I II prize –Mehvish Maqsood, Zakiyah Hyder, Priyanka – BA I PLP III prize – Saniyyah, Haniyyah, Adina Kawrin – BA I PLP Consolation prize – Shumaila, Zehra, Ruqaiya – BSC I MCZ/NCZ



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Poetry Recitation competition was conducted on 18th September, 2018.

Poetry recitation links memory with audio and visual events, offers students the freedom for selfexpression using words and emotions to convey a message to the audience.

The winners I prize – Shiny Meenakshi BBM I II prize – Mehvesh Maqsood BA (PLP) I III prize – Fareha Siddiqui BA (PLP) II Consolation prize – Nema Najaf BA III Consolation prize – Zainab Fatima BCOM III B



The Department conducted the following competitions during Annofesta celebrations:

Tall Tales (story recitation)

The winners I prize – Syeda Hafsa BCOM III B II prize – Syeda Ayesha BCOM III B III prize – Madiha Ayesha BCOM III B (FIN)

Candid Camera

This competition creates interest in students to capture special and spontaneous moments through their camera and submit the same to be analyzed,

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The winners I prize – Shifa Tahera Shakeel MCB II II prize – B. Haritha Rani MCB II III prize – T. Reshma GCZ III– BCOM III B

Debate competition. The topic was "Social media – boon or bane" The winners I prize – Sidrah Rafath, Shaik Ayesha Naveed BSC NCZ II II prize – Syeda Rabiya Banu, Akshata Choudhary BSC BBC II III prize – Zainab Fatima, Madiha Ayesha BCOM III B

Tale of Two Cities:

The Department featuring the Department of French conducted various competitions.

Movie review competition

The winners I prize – Afreen Naaz BA III PLP II prize –Sania Anjum BCOM III (Hons.) III prize –Neha Silvia Maria Nag BCOM II (Computers)

Quiz competition

The winner I prize – Sajida, Razia Shaik BBC GCM III II prize – Nabila, Atika BBC GCM III III prize – Syeda Hafsa , Ayesha BCOM III

DEPARTMENT OF PSYCHOLOGY

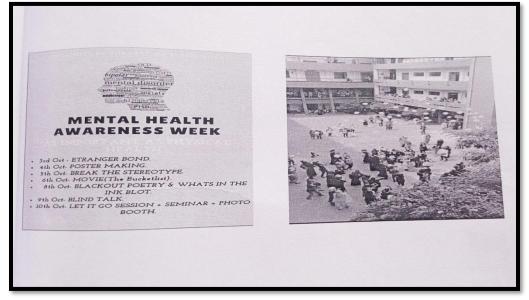
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World Mental Health Week:

Observed World Mental Health Week from 3rd - 10th, October, 2018. On the day of inauguration a skit was enacted by the students of Psychology to educate how important the Mental Health is for every individual. During the week many competitions and activities were held for the students of the college. The Week was concluded with the activity called "Let Go Session" in which students participated by leaving the balloons in the air.

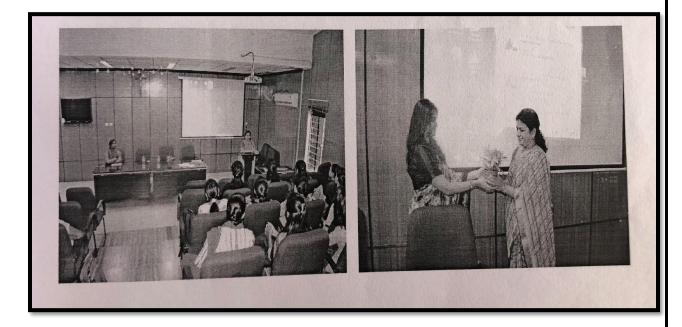


Guest lecture on Anxiety and Mood Disorders by Dr. Kiranmayi Bapi, PhD

(**Gold Medalist**), chief therapist & founder - Building Bridges-, Informative Lecture on the disorders not only to facilitate students by giving a lecture of way of PPT but also interactive. Number of students participating consisted of mainly III year students of Psychology, and some of I and II students.

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Workshop by Ms. Ramya Raman, a workshop in collaboration with Commerce Department was conducted on Life Skills and Motivation for I year students of BA Psychology and BCOM by Master Trainer and Motivational Speaker Ms. Ramya Raman on 20th of August, 2018 at St' Ann's college.



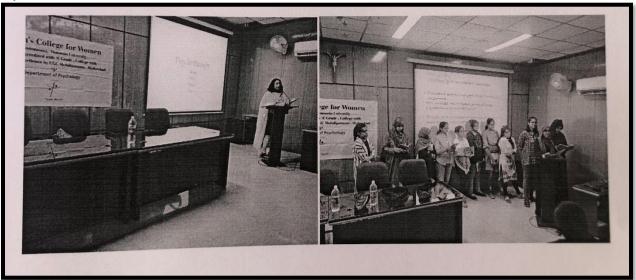
.Guest speaker Mrs.Lata Subramanya, Ex HOD of Psychology on Schizophrenia on 30th November, 2018..

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Guest Lecture organized on Psychotherapy by Dr. Jayanthi Sundar Rajan, Guest speaker on 21st of January, 2019 by the Clinical Psychologist, Roshni Counseling Centre, Hyderabad.



The Department of Commerce (PG)

The Department of Commerce (PG) had organized its annual event, "Aakraya" on February 1st, 2019. An inter-collegiate event, it was based on the theme of the year, Entrepreneurship. Different colleges had participated in this event. The competition had four different events planned out:

- 1. Parishti Best Presentation
- 2. Prachana Quiz
- 3. Anukti JAM
- 4. Maarish Roleplay of a Manager

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Guestlectures

S. No.	Date(s)	Title	Resource Person/ Address	No.of students/Target Group
1	25-09- 2018	An Overview On Market Structures	T.Nagalaxmi, Iimc Khairatabad	15/M.Com 1st Yr

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2	24-09- 2018	Permutations And Combinations	Dr.A.Patrick Osmania University	12/M.Com Iii Semester
3	26-09-18	Normal, Poission & Bionomial Distribution.	Dr.A.Patrick Osmania University	16/M.Com Iii Semester
4	29-10- 2018	Stock Market Indices	Dr. Naresh Reddy, Osmania University	20/M.Com Iii Semester

INTERNSHIPS BBA

R16 Batch Internship List

S.NO	ROLL NO.	COMPANY NAME	NO. OF DAY S	PLACE	AREA	ΤΟΡΙΟ
1. 1.	12041668400 1	AMG INNOVATION INDIA PVT.LTD.	35	SECUNDERABA D	HR	PERFORMANCE APPRAISAL
2. 2.	12041668400 2	AMG INNOVATION INDIA PVT.LTD.	35	SECUNDERABA D	HR	EMPLOYEE MOTIVATION
	12041668400 3	BSNL	30	GACHIBOWLI	FINANCE	
	12041668400 4	SHRINATH CARGO PVT.LTD.	40	AHEMDABAD, GUJARAT	FINANCE	FINANCIAL MANAGEMENT IN BUSINESS EVERYDAY
	12041668400	AMG	35	SECUNDERABA	HR	Recruitment and

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5	INNOVATION INDIA PVT.LTD.		D		selection
12041668400 6	AMG INNOVATION INDIA PVT.LTD.	35	SECUNDERABA D	HR	RECRUITMENT
12041668400 7	Fantasy De Interio		GACHIBOWLI	MARKETIN G	
12041668400 9	Affy Weaver India Pvt ltd			Marketing	
12041668401 0	KAMIT SOLUTIONS	30	ERRAGADDA	HR	RECRUITMENT
12041668401 1	AMG INNOVATION INDIA PVT.LTD.	35	SECUNDERABA D	HR	RECRUITMENT
12041668401 3	AMG INNOVATION INDIA PVT.LTD.	35	SECUNDERABA D	HR	RECRUITMENT
12041668401 4	SAWARIYA TEXTILES	30	RIKAB GUNJ	MARKETIN G	ONLINE MARKETING
12041668401 5	Arabian Bulk Trade	30	Saudi Arabia	Finance and HR	Recruitment
12041668401 6	AMG INNOVATION INDIA PVT.LTD.	35	SECUNDERABA D	HR	RECRUITMENT
12041668401 7	KARVY DATA MANAGEMEN T SERVICES LTD.	40	GACHIBOWLI	HR	HR PROCESS OF SOURCING & ON BOARDING
12041668401 8	Eram Engineering Pvt.ltd	30	Saudi arabia	HR	Recruitment and T&D
12041668401 9	AMG INNOVATION INDIA PVT.LTD.	35	SECUNDERABA D	HR	TRAINNING & DEVELOPMENT
12041668402 0	SUMMER RAIN	45	SECUNDERABA D	MARKETIN G	DIGITAL MARKETING
12041668402 1	AMG INNOVATION INDIA PVT.LTD.	35	SECUNDERABA D	HR	STAFF WELFARE
12041668402 2	AMG INNOVATION INDIA PVT.LTD.	35	SECUNDERABA D	HR	С
12041668402 3	Virinchi Hospitals	30	Banjara hills	HR	RECRUITMENT
12041668402 4	AMG INNOVATION INDIA	35	SECUNDERABA D	HR	Recruitment and selection

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		PVT.LTD.				
	12041668402 5	IDBI Bank		Narayan guda	Marketing	
	12041668402 6	BSNL	30	GACHIBOWLI	HR	
	12041668402 7					
	12041668402 8	Wilhelmsen Shipping Services	30	Sasudi Arabia	Finance	
	12041668402 9	Virinchi Hospitals	30	Banjara hills	HR	RECRUITMENT and Selection
	12041668403 0	The Week			Marketing	
	12041668403 1	AMG INNOVATION INDIA PVT.LTD.	35	SECUNDERABA D	HR	EMPLOYEE RETENTION
	12041668403 2	Vijaya Cosultancy Ltd		Ameerpet	HR & MARKETIN G	
	12041668403 3	FANDOM OVERSEA CONSULTANT S	30	MEHDIPATNAM	HR	JOB SATISFACTION
-	12041668403 4	BSNL	30	GACHIBOWLI	HR	
	12041668403 5	KARVY DATA MANAGEMEN T SERVICES LTD.	30	GACHIBOWLI	FINANCE	COMPREHENSIV E STUDY ON FINANCE
	12041668403 7	AMG INNOVATION INDIA PVT.LTD.	35	SECUNDERABA D	HR	TRAINNING & DEVELOPMENT
	12041668403 8	KARVY	45	HYDERGUDA	FINANCE	STOCK BRAKING
-	12041668403 9	KARVY	45	HYDERGUDA	FINANCE	STOCK BRAKING
	12041668404 0	KARVY	45	HYDERGUDA	FINANCE	STOCK BRAKING
	12041668404 1	AMG INNOVATION INDIA PVT.LTD.	35	SECUNDERABA D	HR	
	12041668404 2	VARSON TECHNOLOGY	30	MADHAPUR	HR	RECRUITMENT
	12041668404 3	VARSON TECHNOLOGY	30	MADHAPUR	HR	RECRUITMENT
	12041668404 5	AMG INNOVATION INDIA PVT.LTD.	35	SECUNDERABA D	FINANCE	CORPORATE FINANCE
	12041668404 6	AMG INNOVATION INDIA	35	SECUNDERABA D	HR	RECRUITMENT

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	PVT.LTD.				
12041668404 7	AMG INNOVATION INDIA PVT.LTD.	35	SECUNDERABA D	HR	PERFORMANCE APPRAISAL
12041668404 8	KARVY DATA MANAGEMEN T SERVICES LTD.	40	GACHIBOWLI	HR	PROCESS OF HIRING
12041668404 9	AMG INNOVATION INDIA PVT.LTD.	35	SECUNDERABA D	HR	RECRUITMENT & SELECTION
12041668405 0					
12041668405 1	AMG INNOVATION INDIA PVT.LTD.	35	SECUNDERABA D	HR	RECRUITMENT
12041668405 2	AMG INNOVATION INDIA PVT.LTD.	35	SECUNDERABA D	HR	TRAINING & DEVELOPMENT
12041668405 3	Contorno Interiors And designs	30	Alkapur	Marketing	TRAINING & DEVELOPMENT
12041668405 4	KARVY DATA MANAGEMEN T SERVICES LTD.	40	GACHIBOWLI	HR	PROCESS OF TALENT ACQUISTION
12041668405 5	BSNL	30	GACHIBOWLI	FINANCE	
 12041668405 6	KARVY	45	HYDERGUDA	FINANCE	STOCK BROKING
12041668405 7	KARVY	45	HYDERGUDA	FINANCE	STOCK BROKING
12041668405 8	BSNL	30	GACHIBOWLI	HR	
12041668405 9	VR Techniche Consultants	30	Domalguda	Finance	
12041668406 0	M.H ALSHAYA COMPANY	30	KUWAIT	HR	HR IN GENERAL

Guest leectures

S. No.	Date(s)	Title	Resource Person/ Address	Target Group
1	21st June 2018	Business Research Methods	Dr.D.V.Srinivas,HCU	BBM III Year

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2	25 th June2018	Introduction to Financial Accounting- Need and Importance	Mr .Narayana P.S	BBM I Year
3	29 th June 2018	Business Exposure in Start ups	Mr. Jai Eapen and Mr.Jay Krishna ISDC,IoA Londaon	BBM I Year
4	6 th July 2018	Business Exposure in Logistics	Mr.Srinivas ,V-Deliver	BBM I Year
5	8 th October 2018	RM & SPSS	Mr.Alok singh, Impact Education	BBM III
6	18 th January, 2019	A lecture on " Strategic Management "	Dr. D .V Srinivas , HCU	BBM III Year
7	23 rd January, 2019	Career Guidance and Motivation	Dr. Shiv Kumar	I, II & III BBM
8	6 th February 2019	" Ethics in Management and role of corporate culture in business"	Mrs. Ch. Shanti Kumar	II BBM
9	7 th February 2019	Lecture on Budget And Its Impact	Prof. Koti Reddy	I & II BBM, M.com & B.A(Economics)

DEPARTMENT OF BIOCHEMISTRY

Teaching and learning Methodology

Biochemistry is the heart of life sciences. It is one of the foundation sciences in medical curriculum and other life sciences which has immense importance in understanding clinical sciences.

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- **Concept mapping** is an important Teaching and learning tool to foster the relevance of biochemistry to various applications. It enhances their reasoning and learning skills for deeper understanding of biochemistry. Concept mapping is an important tool to facilitate active self-directed and deep learning. Many of the key topics of Biochemistry are taught using concept maps, illustrations and flow charts which simplifies complexity and enhances easy understanding.
- Case based learning to develop analytic and diagnostic thinking skills.CBL exposes students to real medical problems and helps them in interpreting and solving the problems.CBL is an integrated teaching strategy of the basics of Biochemistry and clinical sciences. **Case studies** have been introduced under certificate course on Molecular Diagnostics which is mostly having applications in Diagnosis of diseases at molecular level.
- CBL will be emphasized in the final year curriculum to create an innovative curriculum consisting of concept mapping with clinical cases involving various stages like brainstorming stage, organizing stage, layout stage, linkage stage, revising and finalizing stage
- Mini Wet lab student research projects were alloted to second year students under Project Based Learning.
- **Science Video presentations** were done by the final year students on topics from paper 5 and paper6

Design Infographics using online tools

Short description of method

An infographic can help you simplify a complicated subject or turn an otherwise boring subject into a captivating experience. Ideally, an infographic should be visually engaging and contain a subject matter and data that is appealing to your target audience. infographics on various topics are also available on pinterest which can be saved and used in our class presentations.

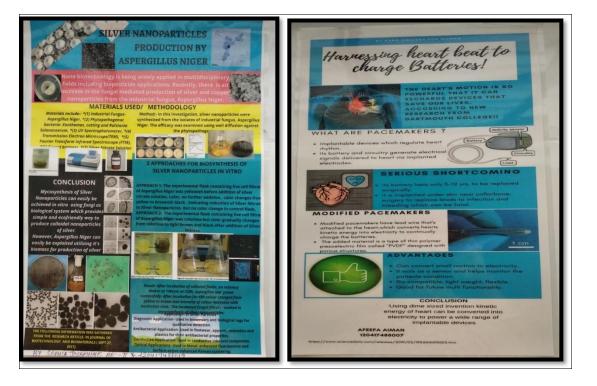
Infographics

Students were allowed to choose a Research article from a Science Magazine and design an Infographic on the topic using tools available online like Canva and EasilyInfographics Done by our students

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Biomolecule of the year -3D Model and designing an election poster

Short description of method

In this activity, students create a poster "boasting" about a macromolecule.

This Election poster includes the following components

The Biomolecule Name

The elements of which it is composed

The subunits or the monomers it is made up of

What Food it is found in

Where it is found in cells

Its function in cells

Chemically speaking what do I look like-3 D Model of the Biomolecule is made

What makes the Biomolecule that it is

Why I am So Special?

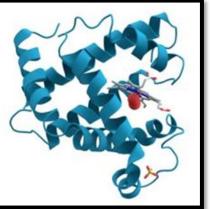
The goal is to get other students to vote for their macromolecule as the "Macromolecule of the Year". Students love the competition. At the end, students vote for the "best" macromolecule (any poster but their own).

This assignment had created a positive impact among students as they learnt the structures, composition and the functions of the biomolecules by using Hands on method involving their creativity and analysing skills. This involvement captured their attention This activity made the learning process more challenging and interesting. It enhances student'screative thinking skills and better understanding of the concept.

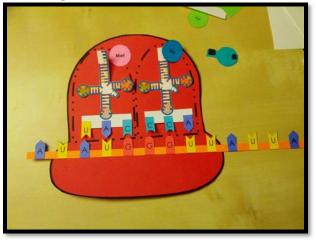
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Topics Done: DNA Sequencing Operon concept Cloning strategy DNA Replication Transcription



Protein Synthesis

Student participation- Workshop

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S. No	HT.NO	Name	Group	Seminar/Conference/Wor kshop Title with Date	Place
1	120417503020	K.Sowmya	II M.Sc		
2	120417503017	M. Mamatha	II M.Sc		Dept.of
3	120417503022	V. Alekya	II M.Sc	3 day work shop on	Chemistry,
4	120417503023	K. Lissy Mary Raju	II M.Sc	Molecular Modeling using open source software on	University College of
5	120417503027	M. Varalakshmi	II M.Sc	29,30,31 of October 2018	Science, Osmania University
6	120417503029	P. Priyanka	II M.Sc		Onversity
7	120417503031	B. Sridevi	II M.Sc		
8	120417503012	G. Harika	II M.Sc		
9	120417503016	Uma devi	II M.Sc		Deventuring
10	120417503028	Faria Firdous	II M.Sc	One day work shop on color pop-cosmetics & dyes on	Departmen t of
11	120417503030	Romana Abdul Raheem Khan	II M.Sc	- 23 ["] January 2019	Chemistry, AMS arts & Science college for Women,
12	120417503026	Mehjabeen	II M.Sc]	OU
13	120417503011	A. Srujana	II M.Sc		campus
14	120417503005	G. Naveena	II M.Sc		
15	120417503008	P.Sowmya	II M.Sc		
16	120417503009	Т Каvya	II M.Sc		

S.NO	Hall Ticket No	Name	Name of the Event
1	120422503001	NIDA MOHAMMEDI	Workshop on use of Web of Science and Endnote in
2	120422503004	Kayitha Akshara	Research organised by Bharata ratna Dr. B. R. Ambedkar Memorial library OU & Human Capital development centre, OU
3	120422503006	Isra Sami Khan	

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4	120422503007	Sheba Saeed
5	120422503011	Noora Ifteqar Hussain
6		

Guest lectures

Department of Chemistry (PG)

S. No.	Date(s)	Title	Resource Person/Address	Target Group
1	23/02/2019	Careers in Chemistry	Dr. KarunakarTanneru, Dr. Uppula Purushotham (Directors) Mr. Rajkumar Gattu , Associate Data Scientist , Qstatix- Hyderabad Chemistry Circle.	MSc Students
2	02/02/2019	Prof.T.R.Seshadri Memorial lecture	Prof Srimmanarayana, Retd Prof, Osmania University	BSc and MSc final year
3	05/01/2019	Lecture on ''Working with Stephen Hawkins'.	Prof Daksh Lohiya, Professor Emeritus, University of Delhi, Delhi- Ph.D student of Prof. Stephen hawking .	General audience
4	25/09/2019	"Symmetry"	Dr. Ananta Lakshmi, UCS, OU	MSc students.

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Guest Lecture By Prof. DakshLohiya and Prof.Emeritus



A guest lecture n collaboration with Royal

society of chemistry was organized for the general audience on "Working with Stephen Hawkins" by Prof Daksh Lohiya, Professor Emeritus, University of Delhi, Delhi-Ph.D student of **Prof. Stephen hawking**, world-renowned British theoretical physicist

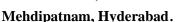
Guest lecture on Careers in Chemistry

Date	: 7/02/2019	
Location	: F2	
Duration	: 2hrs	
Resource Persons	: Dr. Karunakar Tanneru, Dr. Uppula Purushotham (Directors)	
	Mr. Rajkumar Gattu , Associate Data Scientist	
	, Qstatix- Hyderabad	
	Chemistry Circle	
Target Group	: M.Sc I and II years	

"Ideas are a commodity, execution of them is not."

As part of a move to encourage the students and give a chance to startups, the department of Chemistry invited Qstatix, an online based companyto visit the M.sc students of Chemistry. They are a research based company who offers online training and research work for students and young individuals especially orientated in the area of chemistry.

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Hyderabad Chemistry Circle, a part of Qstatix is one of the emerging Chemistry Coaching centers for CSIR-UGS-NET, SET, GATE and other competitive examinations with a dedicated faculty with an experience of 10 years.

The main aim of their lecture inculcated the concept orientated teaching with research applications. The session was started with Dr Karunakar Tanneru, Dr. Uppula Purushotham Directors and continued by Mr. Rajkumar Gattu, Associate Data Scientist who began with an introduction of research is and how important it is going to be in the near future and most importantly that the future begins beyond one point.

It ended with the student's feedback. They appreciated Faculty member and management for successful conduction of the event.



Prof.T.S.Seshadri Memorial lecture

Date - 2nd February 2019 **Time-10.30 am Venue – Room No 47**

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The Dept. of Chemistry in association with Royal Society of Chemistry (RSC-IDLS) organized a memorial lecture on "Natural Products" for BSc and MSc final year students delivered by Prof Srimmanarayana, Retd Prof, Osmania University.



Mrs.C.Vijayavalli, Addl controller of examinations

Prof.V.Peesapati,Member ,RSC

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Department of Mathematics

1.Name of the Event: MATHCLUB **Date:** AY 2018-19

Venue: Math Lab

No. of students participated: 15

List of Students:

S.No	Name of the Student	Combination
1	T. Navya sri	M.Sc I year
2	Arshiya Khatoon	M.Sc I year
3	Vani Sri Devi	M.Sc I year
4	Sana Farheen	M.Sc I year
5	Shabari reddy	M.Sc I year

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6	Lavanya	M.Sc I year
7	Sri Charana Gupta	M.Sc II year
8	Ashwini	M.Sc II year
9	R S N D Bhavani Sravani	M.Sc II year
10	Sabreen Sultana	M.Sc II year
11	Gouthami	M.Sc II year
12	Savithri	M.Sc II year
13	Harisha	M.Sc II year
14	Ayesha	M.Sc II year
15	A R Deepika	M.Sc II year

Brief Report:

Math Club for advanced learners during the academic year 2018-2019 focused on training the students for Data Science. Mathematics is the bedrock of any contemporary discipline of science. Almost all the techniques of modern data science, including machine learning, have a deep mathematical underpinning. Keeping this in view, M. Sc students were trained to prepare the power point presentations in various topics of Data Science . **Snapshots:**



Outcome: Students were trained in topics of Data Science, application of mathematicsin Data Science field through Seminars, debates Powerpoint presentations and group discussions.

2 Name of the Event: Guest Lecture - Applications of Mathematics Date: 3rd August 2018

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No. of students participated: B.Sc, M.Sc – Mathematics

Prof. Y V K Ravi Kumar from BITS PILANI was invited by the Department of Mathematics on 3rd August for a talk on Mathematical Modeling -Trends and Challenges for the Undergraduate and Postgraduate students.

Snapshots:



Outcome: Guest Lecture focussed on various modelling techniques and its applications in the field of medicine, industry, research, agriculture etc.

3. Name of the Event: Guest Lecture - Advanced Complex Analysis

Date: 9th February 2019

No. of students participated: M. Sc – Mathematics students

Brief report:

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Department of Mathematics organized a guest lecture titled "Prime Number Theorem" an extension study of complex analysis by Eminent Professor and chairman board of studies (computer science) C. Goverdhan on 9th February 2019. **Snapshots:**





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Outcome: The target group was M.Sc students where sir gave a brief introduction to the theorem and its applications through real time examples. the response from the students was overwhelming and satisfactory.

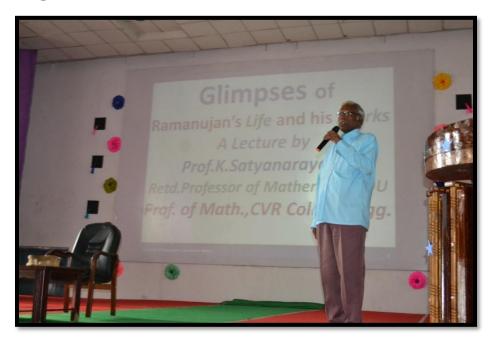
4. Name of the Event: Guest Lecture - Glimpses of Ramanujan's Life **Date:** 2nd February 2019

No. of students participated: B. Sc, M. Sc – Mathematics students

Brief report:

Department of Mathematics organized a guest lecture titled Glimpses of Ramanujan's life and his works" by eminent Professor K. Satya Narayana from CVR College of Engineering on Feb 2nd 2019. The target group was undergraduate and postgraduate students where sir spoke about the life of distinguished Indian Mathematician Srinivasa Ramanujan and his immense contribution to the field of Mathematics.

Snapshots:



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Outcome: Guest Lecture was very interesting. Sir spoke about the life of distinguished Indian Mathematician Srinivasa Ramanujan and his immense contribution to the field of Mathematics.

5. Name of the Event: Seminar on Personal Counselling

Date: 01 March 2019

Brief Report:

Academic Advising by staff is an opportunity to exchange information designed to help students reach their educational and career goals. Advising is a shared responsibility between an adviser and the student. Ultimately, it is the responsibility of the student to make decisions about his/her life goals by creating a plan to reach those goals. On the other hand, Personal Counseling aims to help students realize, develop and fulfill their personal potential in order to maximally benefit from their college experience and manage the challenges outside. Students require personal counseling by staff because of a wide range of concerns including, but not limited to: depression, anxiety, abuse, stress, self-esteem, relationship issues, etc.

No. of students participated: 16

List of students:

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S.No	Hall Ticket Numbers	Name	Combination
1.	1204-18-467-006	Manthri Gayatri	MSCS-I
2.	1204-18-467-009	Devanath Gayatri	MSCS-I
3.	1204-18-468-023	Jella Harshini	MPCs-I
4.	1204-18-468-044	G.Suguna	MPCs-I
5.	1204-18-474-005	G Kavitha	MECs-I
6.	1204-17-467-001	S. Manasa	MSCs-II
7.	1204-17-467-021	B. Smitha Goud	MSCs-II
8.	1204-17-468-001	Sofia Uzma	MPCs-II
9.	1204-17-468-007	N. Satvika Divya	MPCs-II
10.	1204-17-474-001	Palli Pavani	MECs-II
11.	1204-16-467-001	Saleha	MSCs-III
12.	1204-16-467-002	R Vishu Priya	MSCs-III
13.	1204-16-468-010	Fariya Rashed	MECs-III
14.	1204-16-468-026	B Sri Priya	MECs-III
15.	1204-16-474-005	Malve Suman	MPCs-III
16.	1204-16-474-021	Tahera	MPCs-III

Snapshots



Outcome: Personal Counseling helped students to develop and gain confidence in their personal potential and also how to manage the challenges in future

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6. Name of the Event: Career guidance and competitive exam training Date: AY 2018-2019 Venue: AV room , St. Ann's College No. of students participated: 100 List of Students: Math and non-math students

Brief Report:

Mathematics being the Queen of all sciences is an essential tool to excel in most of the competitive Examinations. Keeping this in view, Department of Mathematics has taken up "Applications of Mathematics for Competitive examinations" as a career oriented course for second year undergraduate students to sharpen their Mathematical skills.

The course is all about understanding the concept to solve a problem and applying it in various phases, which helps a student sharpen her numerical abilities and problem solving skills. Around 100 students from various B.Com, B. Sc streams joined the course which proved beneficial in developing proficiency towards learning short cut methods to solve problems.

The course had proved very fruitful in imbibing self confidence among students to clear various competitive Examinations like CAT, GMAT, GRE, GATE, Bank Entrance Examinations etc

Snapshots: Inaugural session picture

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Outcome: The course is all about understanding the concept to solve a problem and applying it in various phases, which helps a student sharpen her numerical abilities and problem solving skills.

Name of the Event: Math-Movie

Date: Dec 21st 2018

Venue: AV Room, St. Ann's College for Women

No. of students participated: 200

List of students: B. Sc & M. Sc Mathematics students

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Brief Report:

Srinivasa Ramanujan is a renowned Indian Mathematician whose substantial contribution to the field of Mathematics is ceaseless and remarkably significant. As a mark of admiration for his work and massive contribution to various fields of science, Department of Mathematics has taken the Undergraduate and Postgraduate students for the movie titled "The Man who knew Infinity" to showcase the importance of subject. The response received from the target group was overwhelming and satisfactory.

Snapshots:



Outcome: Students were given shown the life of Srinivasa Ramanujan as a movie. The response received from the target group was overwhelming and satisfactory.

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Name of the Event: **Puzzle of the Week** Date: AY 2018-2019

Venue: St. Ann's College for Women

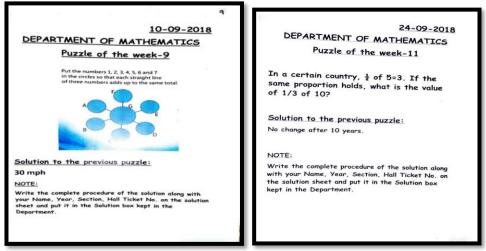
No. of students participated: 65

List of Students: Math and non-math students participated.

Brief Report:

Department of Mathematics organized this best practice as department activity develop and enhance the student's problem solving skills. It enhances critical thinking, increase interest and commitment among students to pursue careers in mathematics.

Snapshots:



Outcome: To increase interest and commitment among students to pursue careers in mathematics and to develop critical thinking, problem solving skills etc.

9. Name of the Event: Mathematical Treasure Hunt Date: 15th Dec 2018 Venue: St. Ann's College for Women

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No. of students participated: 50 List of Students: Math and non-math students participated. Brief Report:

Department staff conducted treasure hunt competition as a part of Annofesta celebrations. To improve arithematic, logical & amp; reasoning skills of students and also the ability to solve the problems at a faster phase.

Snapshots:



Outcome: Students participated with great enthusiasm. It helped students to develop critical thinking skills, problem solving skills and time management.

2018-2019

S. No.	Date(s)	Title	Resource Person/ Address	Target Group
1.	3 rd August	Applications of	Prof. Y V K Ravi Kumar	B.Sc, M.Sc
	2018	Mathematics	BITS PILANI	Mathematics
2.	23 rd January	Advanced Complex	Prof. C. Govardhan	M.Sc Mathematics
	2019	Analysis	Osmania University	
3.	2 nd February	Glimpses of	Prof. K Satyanarayana	B.Sc, M.Sc
	2019	Ramanujan's Life	Osmania University	Mathematics

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CASE STUDIES :Case studies of patients suffering from genetic disorders and diseases with genetic predisposition which are multi factorial were assigned to bring out exploratory skills and research potential.

LINK TO THE LIST AND CASES ASSIGNED

https://drive.google.com/drive/folders/1csKCm1HNX8dRsU-2WmwL4GD7ag-WR1Ki?usp=share_link

S.No.	Hall Ticket No	Name of the Student	Title
1	120419459001	CHAVA MANOGNYA	Osteogenesis imperfecta
2	120419459002	LAKSHMI TEJASWINI PARAMATA	SCID
3	120419459003	MUTHAKANA NAVYA REDDY	Sickle cell Anemia
4	120419459004	NASHRAH MUBEEN	Inheritance of Thyroid disease
5	120419459005	PALAK MEGOTIA	Cystic fibrosis
6	120419459006	S KALPANA	Spina bifida
7	120419459007	SANA BEGUM	Thyroid disease
8	120419459008	ELIJALA SAI DHANYAPRAVALLIKA	Triplex syndrome
9	120419459009	NIDUGONDI SAI PRAMODA	Alzheimers disease
10	120419459010	TUMMAKOMMA SIMRITHA	Hypothyroidism
11	120419459011	SAI RUPA SREE D	Type 2 Diabetes
12	120419459012	SURAYYA SIDDIQUI	Hypertension
13	120419459013	K KUSUMA	Type 2 Diabetes
14	120419459014	K JAYA SAI RAMYA	Alzheimers disease
15	120419459015	DUBAGUNTA NIKITHA	Bipolar disorder
16	120419459016	SRIPATHI POOJITHA	Jacob's syndrome
17	120419459017	RUQAYA FATIMA	Diabetes milletus
19	120419459019	GOWLIKAR RACHNA	Overgrowth syndrome
20	120419459020	JADDU JYOSNA	Jacob's syndrome
21	120419459021	PALLETI BUELA RANI	Beta Thalassemia
22	120419459022	AREEBA AHMAD	Hypertension
23	120419459023	SYEDA NOOREEN FATIMA	Macrodystrophia lipomatosa

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24	120419459024	POLICE SHILPA REDDY	Down syndrome
26	120419459026	MIDASALA ANITHA	Down syndrome
27	120419459027	KATTA VARSHIKA	Type 2 Diabetes
28	120419459028	DANNAPNENI SNEHA PRIYA	Bipolar disorder
29	120419459029	MAMINDLA SHIVANI CHAITANYA	Hepatitis B
30	120419459030	SHIVYA BAGGA	Hepatitis B

Attended **one day seminar "ALZHEIMERS AWARNESS" LECTURE** ON "THE PROBLEM OF DEMENTIA WHO IS AT RISK" on 20 September 2018 at Maulana azad national urdu university. The seminar focused on the risk of the disease, management of the disease. Two of the students Haritha and Lalitha from B.Sc III year presented a paper on "Genetics of ALZHIEMERS with an example from case study". The students received first prize in the oral presentation.



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Name of the event: Two day workshop on "PCR and its applications

Date of the event: 19th & 20th february

Total no of participants: 25

Summary of the event: Dept of genetics and biotechnology conducted a two day workshop on "PCR AND ITS APPLICATIONS". The workshop has trained the students with following methods1)DNA Extraction 2)DNA quantification 3)Gel Electrophoresis 4)Polymerase chain reaction 5)Restriction Fragment Length Polymorphism 5)Primer Designing. The resource person was Mohammad Imran Mir,SRF,Dept.of botany,OU. **Students Feedback Analysis:** All the students gave feedback as good.

Workshop organized

S. No.	Date(s) , Title	Resource Person(s)	Target Group	I/N/S/O
1.	19 th &20 th Feb PCR AND ITS APPLICATIONS	Mohammad Imran Mir,Ph.D	I,II YEAR LIFE SCIENCES	state

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St. Ann's College for Women (Autonomous), Affiliated to Osmania University Accredited by NAAC with A⁺ Grade (3rd cycle), CPE by UGC ISO 9001:2015, 14001:2015



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Field trips and Industrial visits

The second year students of genetics were taken to Centre for cellular & Molecular Biology on opening day i.e. 26-09-2018 to get focused on various techniques and concepts in Molecular Biology and Genetic Enginering .The student beneficiaries were 35.

All the students were keen while demonstration of techniques and took their observations and later gave their feed back on this field visit .

S. No.	Date	Visit Details	Target Group
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1.	26 th September	Centre for cellular & Molecular Biology on opening day to get focused on various techniques and concepts in Molecular Biology and Genetic Enginering	second yea students c Genetics	ar of
2.	20 th March 2019	Vasavi hospital	Final yea students o Genetics	-

The research areas and allied fields covered were

1.LACONES – Laboratory for conservation of endangered species

2.Cryo preservation of biological samples for future studies

3.GFP –Green Flourescent Protein technologies for tracing biological molecules and their expression in native and foreign living systems

4.Development of experimental animals viz., mice and zebra fish as study models for Alzheimers, Parkinsons Diabetes and other genetic disorders and mutations

5.DNA fingerprinting techniques in forensic applications

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Student Achievements and Awards

S.No	Name	Class	Univerity/national/ International	Details
1	Haritha,lalitha	III year	UNIVERSITY /MANAU	1 st prize for best paper presentation at one day seminar "ALZHEIMERS AWARNESS" LECTURE ON "THE PROBLEM OF DEMENTIA WHO IS AT RISK

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2	HARITHA,ADITI KARAMKKAR	III YEAR		FIRST PRIZE IN PITCH YOUR PRODUCT
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· Innovations Like **Group Discussion**, Short Talks In Classroom- no. of Participants- 20

• Research Projects were implemented and 6 Papers were Published (Total Beneficiaries-10)

- Workshops on PCR and Its Applications was conducted (Total Beneficiaries-20)
- · Case Studies on Clinical Cytogenetics(TOTAL BENEFICIARIES-60)

Statistics

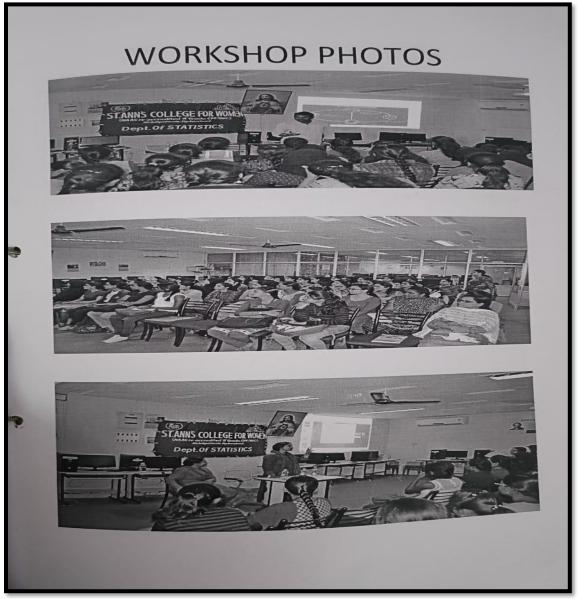
Workshops/ Training Programs:

S. No.	Date(s), Title	Resource Person(s)	Target Group	I/N/S/O
1.	12 th & 13 th February, 2020	Dr.M.Venugopal, General Manager, Juxt Smart Mandate Ltd., Hyderabad	B.Sc.(M.S.CS)-I, II, III year students	0

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Proof for list of students: workshop 2018-2019.pdf



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Collaboration with J	ania University + Grade, CPE by UGC, Hyderabad. OF STATISTICS in luxt Smart Mandate is tizing a	on
Participation Fee UG/PG Students: 500/- Academicians :1000/- <u>Contact:</u> Ms. Sai Sri Kishore: 9908277382 Mail: <u>annstats1987@gmail.com</u> Participants should fill up the	tion & Applica of ata Science Participants can bring their own LAPTOPS	DATA SCIENCE
Senu to the above man id	TE: LUNCH IS NOT PROV DENT PARTICIPATNTS	VIDED FOR

Statistics - Guest Lectures / Seminars

S.	Date(s)	Title	Resource Person/Address	Target Group
No.				
	29/06/2018	Data Analytics	Dr.M.Venugopal, General	B.Sc.(M.S.CS)-I,
		and Career	Manager, Juxt Smart Mandate	II, III year students
		Prospects in	Ltd., Hyderabad	
		Statistics		
2.	08/02/2019	Statistical Survey	Sri A.Hari Krishna, Senior	B.Sc.(M.S.CS)-I,
		of Market for	Statistical Assistant, Regional	II, III year students
		textiles &	Office of the Textiles Committee,	
		Clothing	Hyderabad	

Proof for list of students:

1. 2018-19 data analytics & career.pdf

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2018-19 statistical survey.pdf





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