

# **DEPARTMENT OF APPLIED BIO SCIENCES**



**ACADEMIC REPORT 2018-19**

**CH.S.D.ST.THERESA'S AUTONOMOUS COLLEGE FOR WOMEN,  
ELURU**

**DEPARTMENT OF APPLIED BIO-SCIENCES**

**ACADEMIC REPORT 2018-19**

# Academic report

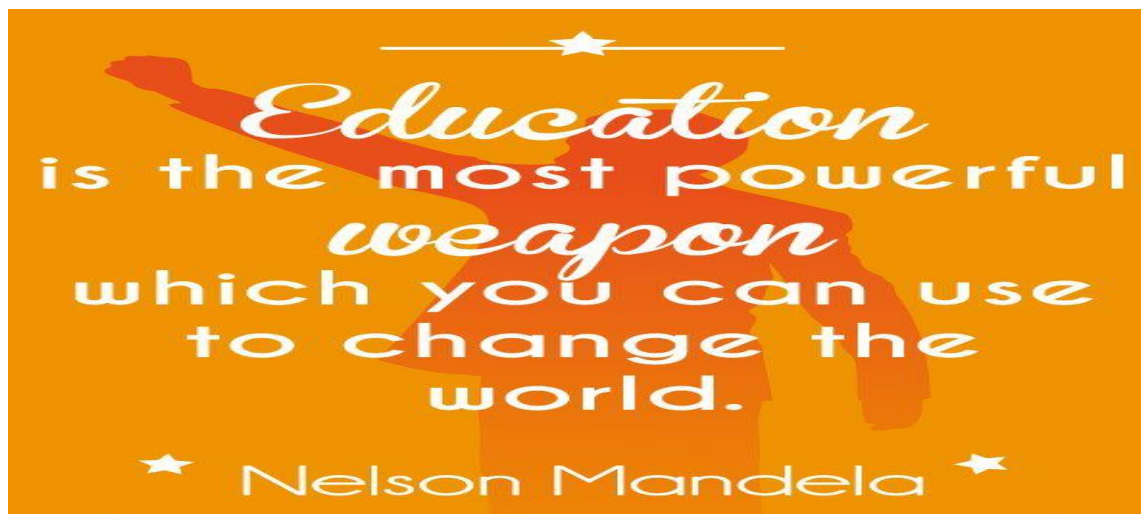


## UNION INAUGURAL CEREMONY



## NUTRI PLUS COMPETITION

## Academic report



By the grace of god and encouragement of our dear principal Dr.Sr.Mercy and co-operation of the staff we have entered in to the new academic year 2018-19.

### Activities of the Department:

- 05.06.2018 - **Foundation cum Union Inagural ceremony** was organized by the Applied Bio-Sciences department. Sri.K.Hari Prasad, IIS, RUSA, Dr.G.Srinivas, MD, UK, Dr.G. Satyanarayana, Senior Consultant, RUSA, AP were the Chief guest, Guest of Honor and special guest of the programme. The three eminent persons addressed the students and union leaders about importance of leadership and being a leader in a highly motivating way.
- 22.06.2018 to 26.06.2018 : All the Departments together conducted **Bridge course** to familiarize the subjects and terminology to the students.
- 27.07.2018 : As a part of Academic competition department of Applied Bio-sciences organized a “**Nutri Plus**” cookery contest, where a good





## **“PREVALENCE AND PREVENTION OF BREAST CANCER”.**



## **NUTRITION WEEK 2018**



number of students actively participated in the programme, Maj.Dr.P.Mary Celine Rose, Physical Education, Dr.N.Nagavardhanam, HOD of Botany acted as a judges for the competition.

### **Breast Feeding week**

- Dr.S. Sailaja, Surgical Oncologist from Good Samariton Hospital, Vangayagudem was invited to present a talk on “Prevalance and Prevention of Breast Cancer”. 200 Students along with teaching staff attended the talk.
- Mr.Vishnu, Wellness Coach from Sukheebhava presented a talk on “Wellness Management” to all the UG & PG Nutrition Students. He addressed the gathering on the “Prospects of wellness Industry”.
- Dr.P.Jyothi Kumari, HOD, Applied Bio-Sciences gave a talk to the Anganwadi Registered Lactating Women on Importance of Nutritional Diet during Lactation.

### **Nutrition Week 2018 theme “Go Further with Food”**

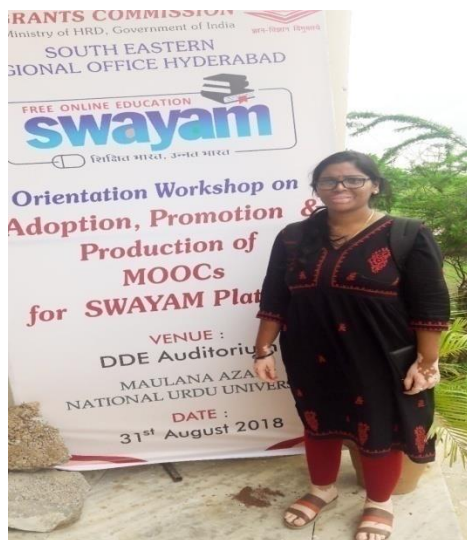
**1<sup>st</sup> September:** Awareness on Breast and Cervical Cancer to the parent community by Dr.S.Sailaja, Surgical Oncologist from Good Samariton Hospital, Vangayagudem.

#### **3<sup>rd</sup> September:**

- A College campaign on “Ban on Junk Food”.
- An Inter departmental PowerPoint competition was conducted on the topic “Junk Food and You”.
- Students of applied sciences went to near by schools to educate school children on health and hygiene

**4<sup>th</sup> September:** Students of Applied Biosciences organized a programme “Know your Blood Group” to all the students.

## WORKSHOP ON “ DEPERICARPING OF OIL PALM SEEDS”



**“ADOPTION, PROMOTION AND PRODUCTION OF MOOCs ON SWAYAM PLATFORM”- REGIONAL WORK SHOP**

**6<sup>th</sup> September:** “Nutri Bell” – A nutritious food canteen was organized by the students in the campus.

**7<sup>th</sup> September:** Valedictory report was presented by Dr.P.Jyothi Kumari.

- 24.11.2019: As a part of **Mission Fete** Department of Applied Sciences extended their hands to serve the needy by raising the fund through conducting blood group test and BMI.
- 25.01.2019: Under National Career Service Web Portal scheme all the III year students of Applied Bioscience were registered.
- 28.02.2019: Academic Audit was successfully completed in the department. Mrs. Manimala, GDC, Chintalapudi and Sri. M. Kameswara Rao, GDC, Nidadavolu, were the academic advisors appointed by Commissionerate of Collegiate Education.

#### **Workshop Organized:**

- A workshop was organized for the III year Microbiology Cluster students on “ Depericarping of Oilpalm Seeds” Dr. Anitha Pedapati, Scientist, ICAR – IOPR, Pedavegi acted as the resource person.

#### **Workshops/conferences Attended:**

- 24.06.2018 & 25.06.2018: Mrs.A.Padmavathi, Lecturer in Microbiology, member of women Empowerment cell attended a workshop on “**Legal Awareness Programme**” organized by “State Commission for Women and Child Welfare” at the Collectorate, Eluru.
- 31.08.2018: Mrs.D.Lumbini Devi attended UGC sponsored South Regional workshop on “**Adoption, Promotion and Production of**





### **3<sup>rd</sup> BI-ANNUAL CONFERENCE OF NUTRITIONISTS AND DIETICIANS**



**OPER, CONTENT DEVELOPMENT,  
MOOCS AND MOODLE”**



**“MODERN ANALYTICAL  
TECHNIQUES – NEWER  
FRONTIERS OF DRUGS & DRUG  
CARRIER”**

- **MOOCS on SWAYAM Platform**” of Moulana Azad National Urdu University, Hyderabad.
- 11.11.2018 to 13.11.2018: Dr.P.Jyothi Kumari attended a conference on **“The context of centenary year of NIN on Dietary management ”**, Hyderabad
- 19.11.2018 to 24.11.2018 : Mrs.Y.Neeraja and Mrs.D.Lumbini Devi, attended one week workshop on **“OER, Content Development, MOOCs and MOODLE”** organized by E & ICT Academy at NIT, Warangal and CCE and AP state council for higher education.
- 24.01.2019 & 25.01.2019: Dr.P.Jyothi Kumari attended an International seminar on **“Contemporary South Asian Literature: Gender and Environment”** organized by the Department of English.
- 02.02.2019 : II & III Year students of Applied Biosciences along with Mrs.B.L.Sudha, Lecturer in Biochemistry attended a workshop on **“Modern Analytical Techniques – Newer Frontiers of Drugs & Drug Carrier”** at Sir C R R College of Pharmacy in collaboration with Spinco Biotech Pvt., Ltd.,
- 23.02.2019: Dr.P.Jyothikumari & Mrs.D.Supriya along with students of III MBN and ZNC participated in **3<sup>rd</sup> Bi-annual conference of Nutritionists and Dieticians** organized by Vijayawada Dietetic Association (VDA).
- Dr. Jyothikumari participated in **“International Symposium On Fats in Maternal and Child Health Nutrition Indian context”** at NIN, Hyderabad on 18<sup>th</sup> September, 2018.



**SUKHIBAVA", MR.VISHNU,  
WELLNESS INSTITUTE,  
BHIMAVARAM"**

**"STAINING TECHNIQUES" TO THE  
STUDENTS OF DNR COLLEGE,  
BHIMAVARAM.**



**ALL INDIA RADIO" "PREVALENCE OF  
ANEMIA IN ADOLESCENCE GIRLS AND  
ITS PREVENTION".**



### Credit Exchange Programme:

- For a credit Exchange programme on **“Food Processing and Preservation”** students of II BSC MBN had a opportunity to attend Training at YSR Horticulture University for 15 days.

### Guest Lectures

- 07.06.2018: As a part of T-Tips, a guest lecture delivered by Dr.P. Jyothi Kumari, HOD, Department of Applied Bio-Science on **“Nutritional Requirements of Young Teachers”** for newly recruited teaching faculty of the Home College.
- 10.07.2018 : A Guest lecture was organized by the Department on the topic **“Sukhibhava”**, Mr.Vishnu, Wellness Institute, Bhimavaram acted as a resource person.
- 19.07.2018: All the III year students participated in the guest talk organized by the Department on the topic **“Occupational Hazards and Prevention”** by Dr. K. Chandrasekhar addressed student gathering.
- 23.07.2018: A guest lecture was delivered by Mrs. A. Padmavathi, faculty of Microbiology on the topic **“Staining Techniques”** to the students of DNR College, Bhimavaram.
- 22.9.2018: Dr.P.Jyothi Kumari gave a talk in All India Radio, Vijayawada on the topic **“Prevalence of anaemia in adolescent girls and its prevention”**.
- 20.11.2018: Dr.P.Jyothi Kumari gave a guest lecture on **“A balanced life: Managing stress, Nutrition and Exercise”** to MBA students on the occation of 109 th birth anniversary of Mr. Peter Drucker.



- 30.11.2018: Dr.N.Nagalakshmi gave a guest talk on the topic “**Concepts in Basic Chemistry**” II B.Voc students.

#### **B.O.S meeting:**

- 23.07.2018: Mrs.A.Padmavathi, Mrs. Y.Neeraja and Mrs.D.Lumbini Devi attended Boards of Studies Meet at DNR College, Bhimavaram as subject Expert in their respective field.
- 26.02.2019: Dr.P.Jyothi Kumari attended Boards of studies meeting at ASD Govt, Degree College, Kakinada as Subject Expert in Nutrition and Dietetics.
- 11.03.2019: Dr.A. Padmavathi attended Boards of studies meet at ASD Degree college, Kakinada as Subject Expert in Microbiology.

#### **Staff Achievements:**

- Dr.Mrs A.Padmavathi lecturer in microbiology perceived her **doctoral degree in Microbiology** from Acharya Nagarjuna university –Guntur. On the topic “**Isolation screening and optimization of bacterial polygalacturonase isolated from commercial crop soil**”
- Ms. R.Ripsee lecturer in Microbiology has done a 2 months **Summer research fellowship sponsored by Indian science academies** at alagappa university karaikudi, T.N, On the topic “ **investigating the behavioural and biochemical changes in *C.elegans* during bacterial infections by *salmonella serovar typhi***”
- Ms. R.Ripsee has cleared her **ICAR- NET 2018**.



### Student Achievements:

- **N.Sandhya** of I B.Sc M.B.N won First prize in poster presentation competition conducted by the Math's dept.
- **V.Sai anurdha** of IIIB.sc Z.N.C won Best speaker award in the competition organized by the Chemistry dept. on the topic " plastic is a boon or bane"
- **Y.Pavani & D.Sree lakshmi priya** of III B.Sc Z.N.C Won first prize in the debate competition organized by the Chemistry dept. on the topic "Plastic boon or bane"
- **K.Teja Elisha** of II B.Sc M.B.N won the third prize & **MD.Ameena Anjum** of II B.Sc Z.N.C won consolation prize in the competition organized by the women empowerment cell on the topic "Awareness about legal rights for women launched by the National Women Commission.
- **M.Sahithi** of II B.Sc M.B.N won the third prize in Poster presentation on the topic YOGA, competition organized by the dept. of English.
- On 4<sup>th</sup> to 5<sup>th</sup> Feb, 2019 Student of Applied Biosciences participated actively in various competition organized in "ADHVITIYA" at Andhra Loyola College, Vijayawada and bagged different prizes.

Prize winners:

Essay writing 1<sup>st</sup> prize: P.Sowmya Reddy , 2<sup>nd</sup> Prize: T.Elisha & ramya.

Poster presentation 1<sup>st</sup> Prize: Sindhu Sri & vineetha

Model art 1<sup>st</sup> Prize: Yamuna Kalayni

Food carving



**AN EDUCATIONAL TRIP TO NATIONAL RESEARCH CENTERS IN HYD.,**



**A FELID TRIP TO CENTRAL BANANA RESEARCH INSTIUTE**



**A RECERATIONAL TRIP TO DELHI AGAR , AMRITSAR & MADHURA**



2<sup>nd</sup> prize: Sowjanya & Deweepa

Talent show: 1<sup>st</sup> prize: Group of I B.sc M.B.N.

- On 20<sup>th</sup> & 21<sup>st</sup> of Feb, III B.Sc M.B.N & Z.N.C Students of nutrition cluster organized a food KISOK – CANTEEN.

### **FILED TRIPS/TOURS:**

- On A field visit to ICAR-Banana Research center, kovvuru to Provide knowledge on Banana tissue culturing.
- On 26<sup>th</sup> to 29<sup>th</sup> Dec 2018, An educational trip was organized by the Department to National research institutes- CCMB CDFD & JETL in Hyderabad. Where the student got exposure to the various research activities carried by prestigious National institutes.
- On 28<sup>th</sup> Dec to 3<sup>rd</sup> Jan 2019, A recreational trip to Delhi, Agar, Amritsar & Madhura was organized..
- 11.11.18: A field trip to Surya Bio-fertilizers, Vatluru was organized by the Department for the final year MicroBiology cluster as a part of their cluster paper Bio-fertilizers and Bio-pesticides.

### **Portfolio for the academic year 2019-2020:**

- Coordinator: Mrs.P.Jyothi kumari
- Secretary: Mrs Y.Neeraja
- Treasures: Mrs B.L.sudha.
- Club in-charge: Ms R.Ripsee.
- Log book: Mrs A.Padmavathi.
- Extension activities. Ms vijaya kala.
- Lab in-charge: Mrs D.Lumbini devi.

- Exam cell: Mrs.surpriya.
- Blog updation :Ms. B. Radha.

**FUTURE PLANS:**

<u>S.NO</u>	<u>MONTH</u>	<u>DEPT.ACTIVITY</u>	<u>INCHARGE DEPARTMENT</u>
1	JUNE	Guest talk/field visit	Microbiology
2	JULY	Workshop	Biochemistry
3	AUGUST	Breast feeding week/visits to hospitals/PHCs	Nutrition
4	SEPTEMBER	Nutrition week/ national seminar	Nutrition
5	DECEMBER	Field visit/guest talk	Bio-chemistry
6	JANUARY	Workshop	
7	FEBRUARY	Tour to Kerala	Applied Biosciences

