

NEW PRINCE SHRI BHAVANI ARTS & SCIENCE COLLEGE

(An ISO 9001:2015 Certified Institution; Affiliated to University of Madras)
Patel Road, Medavakkam, Chennai-100



The Bachelor of Science in biotechnology is a 3-year undergraduate course that involves an in-depth study of a biological process that is meant for industrial purposes like genetic manipulation of microorganisms to produce antibiotics, hormones, etc. used in medicine production and other such purposes. In the Department of Biotechnology, our aim is to impart quality education to budding biotechnologists and promote strong interdisciplinary research in frontier areas of biotechnology and life sciences.



*Greetings from the
Department of
Biotechnology*

I am very delighted to present the Sixth issue of the newsletter "Biotech Occasions" of Biotechnology Department. I hope the newsletter will serve as an interface between the college and outside world. This newsletter provides specialized information about academic and co-curricular activities organized in the Department during the academic year of 2020 - 21. I am happy to note that various initiatives are taken by the department to disseminate knowledge by organized to keep updated with the latest development in the field of Biotechnology. I congratulate all the faculty and students who have contributed to these newsletters and also appreciate all faculty members for motivating their students.

EDUCATION IS THE MOTHER OF LEADERSHIP.

WENDELLE WILLKIE

ABOUT THE DEPARTMENT

Department of Biotechnology was established in 2005. Currently the department offers Undergraduate program with an intake of 36. The department aims to impart quality Training with distinctive proficiency of merging Engineering principles with biological systems. The Department has designed dynamic and focused curriculums to develop a well-trained manpower in biotechnology for academic / industrial / pharmaceutical applications as well as research perspectives. Students are motivated to actively participate in seminars, symposiums, conferences and workshops. The Department has well-equipped laboratories to provide hands-on training and research exposure to the students. The Department has highly qualified faculty with doctoral research experience.

VISION

Providing graduates equipped with excellent theoretical knowledge and practical skills and promoting scientific research and community service

Mission

The department's mission is to give students an education that combines a comprehensive academic study with intensive practical training in an environment that is dynamic and productive of research

WHAT'S INSIDE

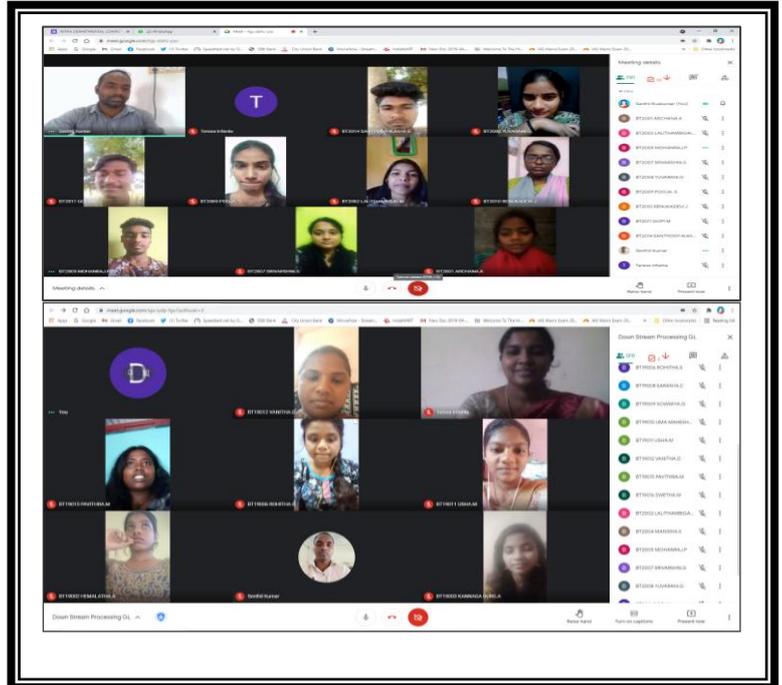
• DEPARTMENT MISSION & VISION

EVENTS ORGANIZED

- ADD ON COURSE*
- ALUMNI TALK*
- FDP*
- INTER COMPETITIONS*
- INTRA COMPETITIONS*
- WEBINARS/VIRTUAL WORKSHOPS*
- VIRTUAL LECTURES*
- STUDENTS ACTIVITY &*
- STAFF ACTIVITY*

Add on course/Short term course organized by the Department

A short term course (more than 30 hours) conducted on, *Microbial Screening, Haematological Techniques & Advanced Certification in Medical Coding* (under MOU) for the students of first, second and third year respectively during the month of June to September, 2019. Course completion certificates



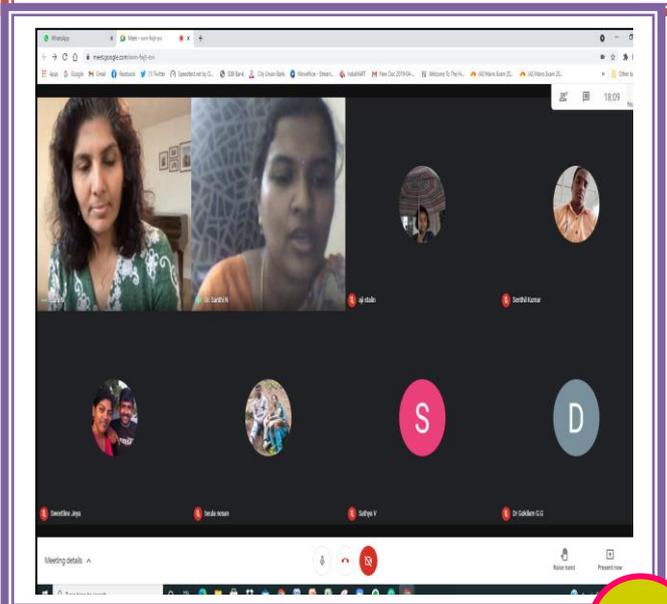
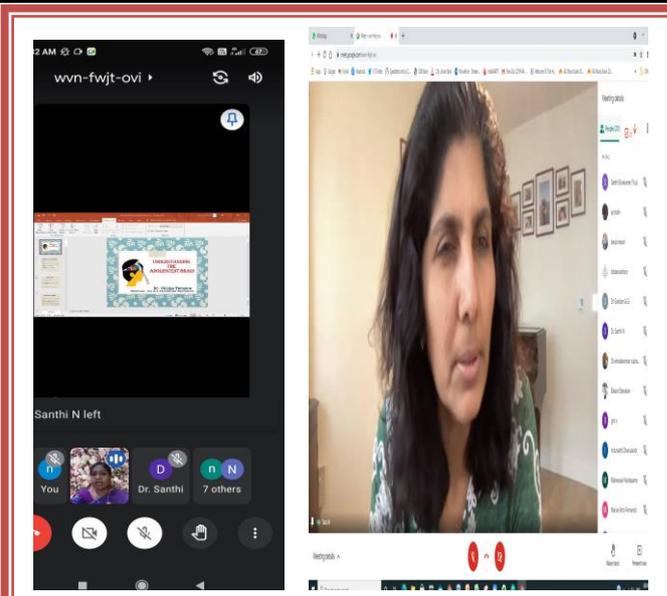
Alumni Activity

An alumni talk was held in the department on 12-02-21. Two alumni S.Janani & S.Jagadeswari interacted with the students about “Higher Studies & Carrier Opportunities in Biotechnology”. The main aim of this event is helping them to achieve their identified career options or acquiring their professional goals. The role of a career guidance expert ranges from acting as a guide to leading the entire course of action.

An investment in knowledge pays the best interest.

Faculty Development Programme

The department of Biotechnology & IQAC jointly conducted two days virtual Faculty Development Programme entitled on **Enhancing Psychological Skills For Teaching** 19-3-2021 & 20-3-2021. The aim of conducting the programme helps a teacher that how to evaluate a students that whether the purpose of teaching & learning has been achieved & it enables a teacher to know the problems of individual differences and treat every student on his / her merit.



Inter collegiate Activity

Department of Biotechnology & IQAC jointly conducted a Quiz Competition as Inter Collegiate competition on World Diabetes Day 14-11-2020 in online mode. to evaluate the knowledge of the participants within academics as well as beyond academics and to make them familiar with the prospects of quizzes and the objectivity of the questions.

Questions



Intra Departmental Activities

Department of Biotechnology conducted an Intra departmental competition in associate with IQAC entitled of the competitions were Bio Cartooning (COVID-19) and Bio flow chart making(Branches of biotechnology or Application of biotechnology) on 12-09-2020 in online mode.

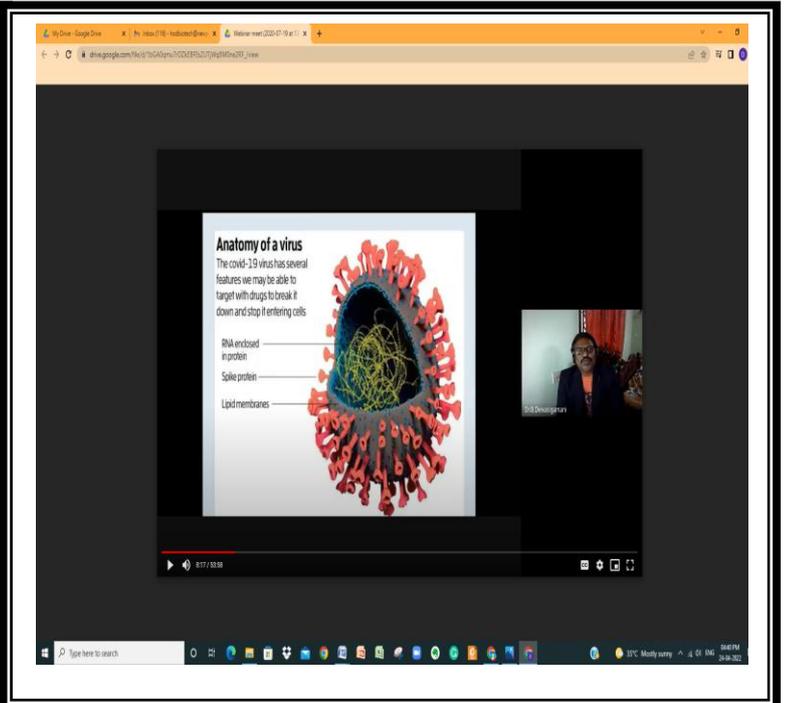
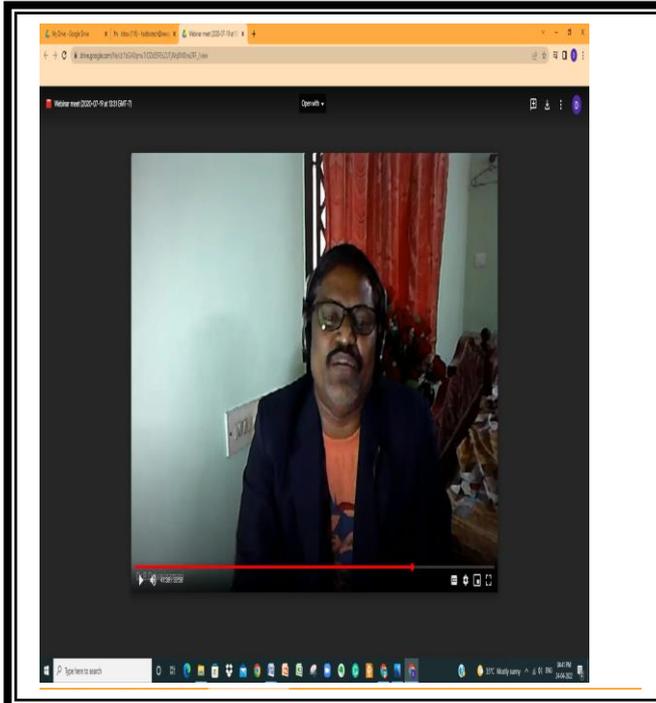


Department of Biotechnology conducted an Intra departmental competition in associate with IQAC entitled of the competitions were Agar Painting and Adzap on 12-09-

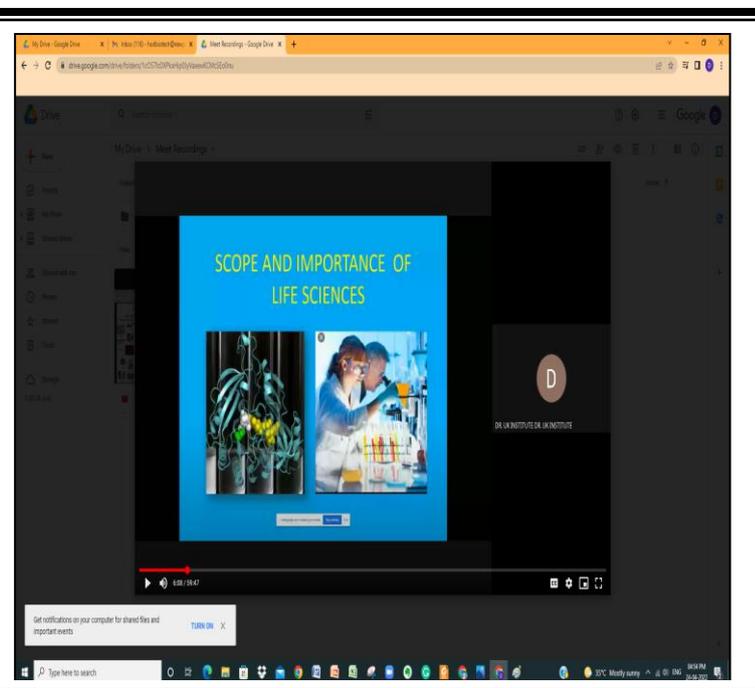
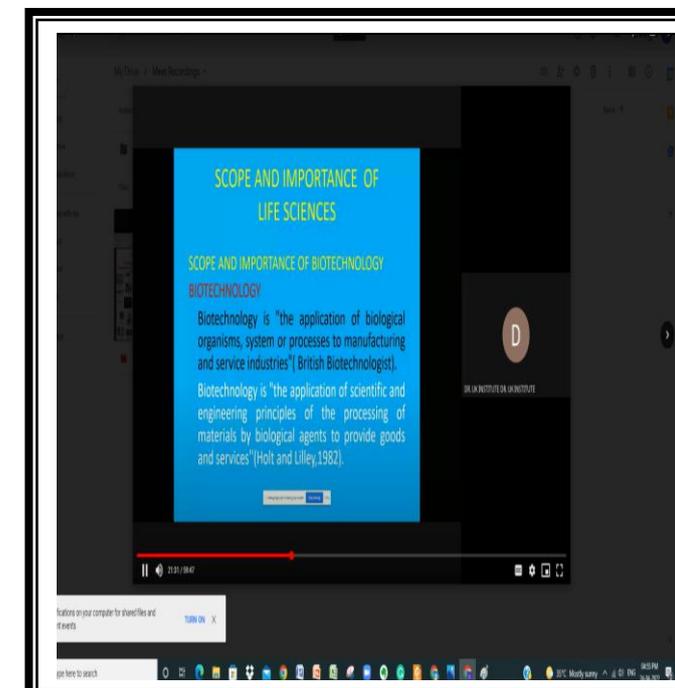


Webinars/Virtual Workshops

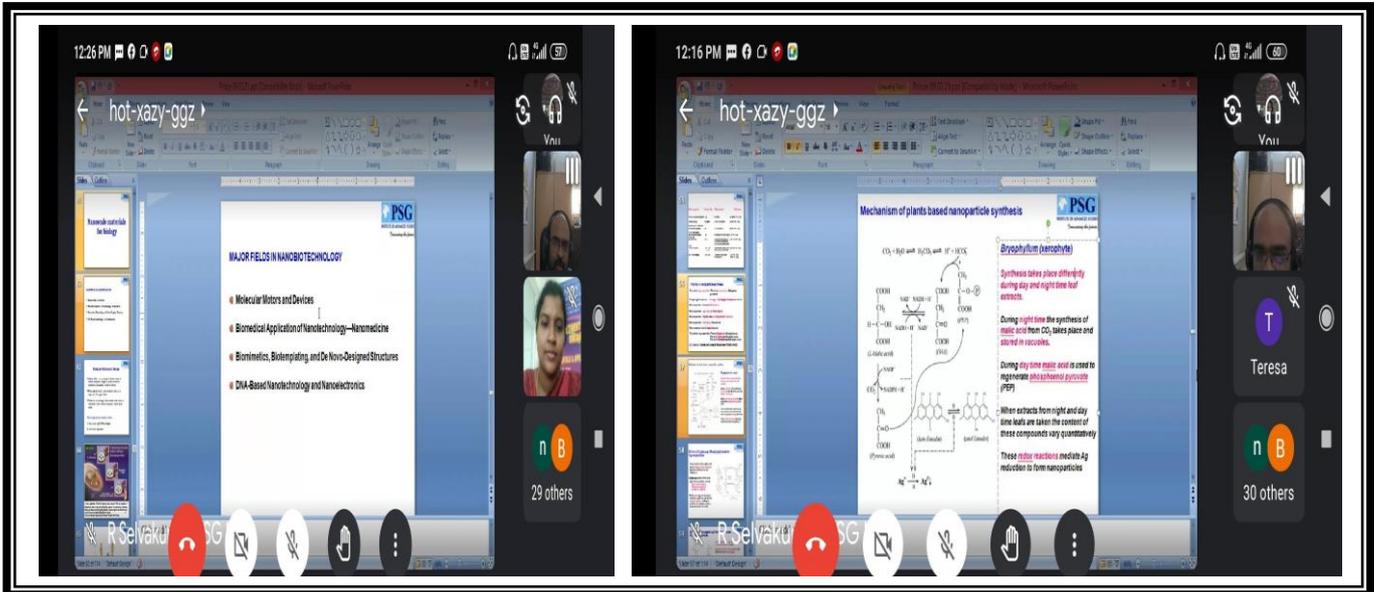
A Webinar on on "Active Nutrition & Immunity in COVID 19" presented by Dr B. Deivasigamani Associate Professor, Dept.of Zoology, Centre for advanced study in Marine Biology, Annamalai University, Parangipettai on 20-07-2020.



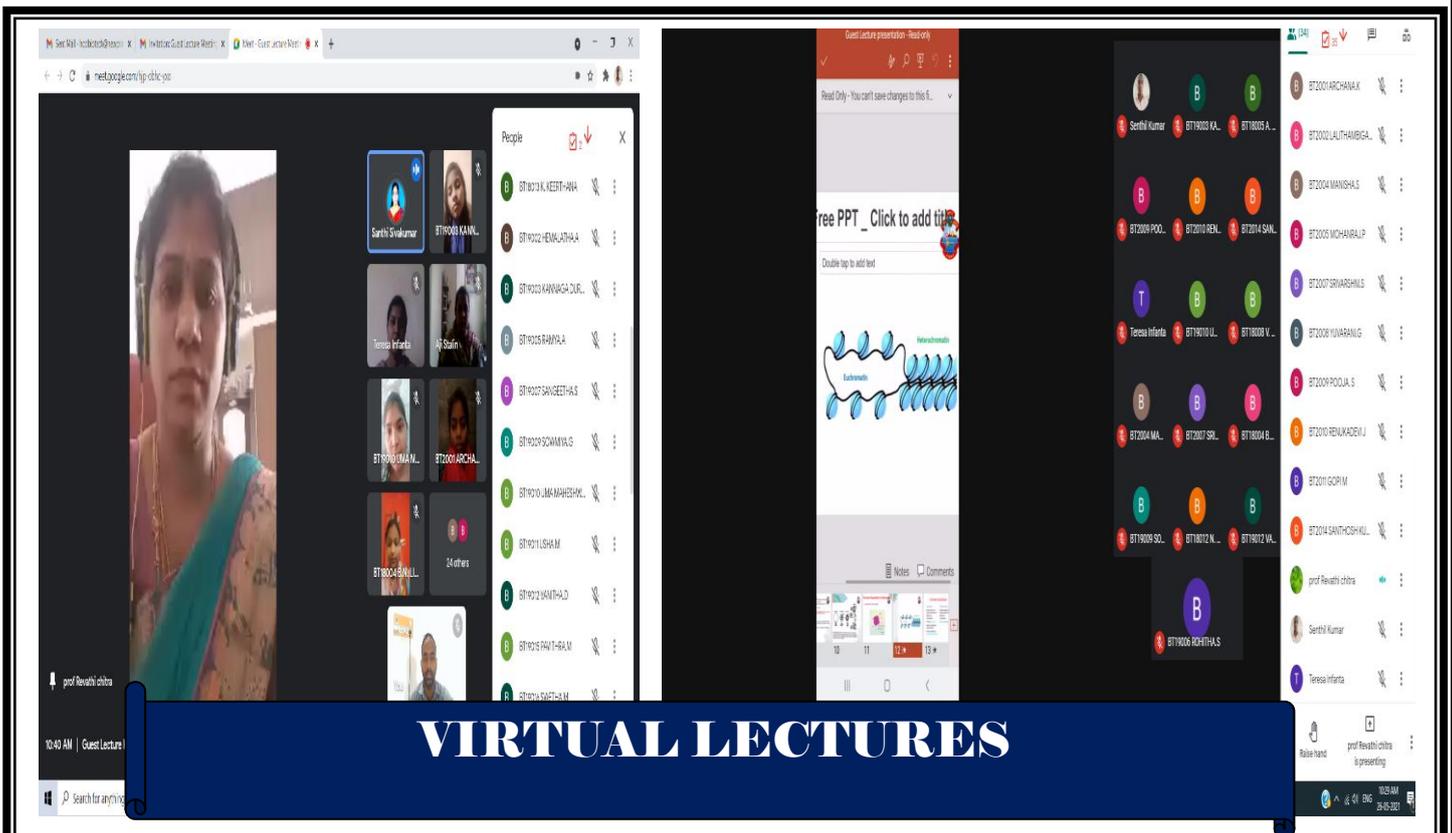
A virtual workshop on "Career Planning & Job Prospectus in Biotechnology" Presented by Dr.Uthira Kumar, Correspondent, Dr. UK Institute Of Health Sciences And Research, Chennai on 7-11-2020



A Webinar on “Fundamentals and Applications of Nano biotechnology” Presented by DR.R.Selvakumar, Associate Professor, Department of Nano Biotechnology, PSG Institute of Advanced Studies, Coimbatore on 9-3-2021

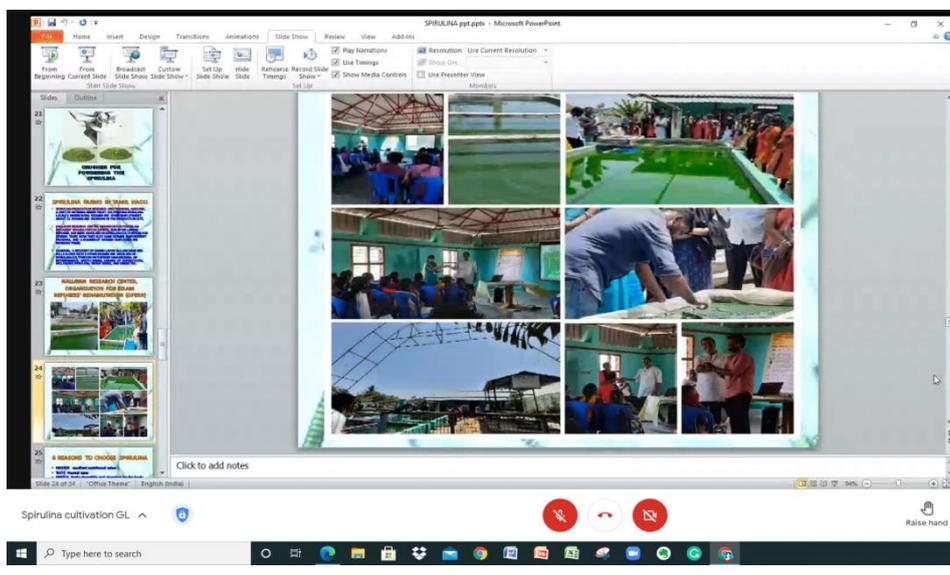
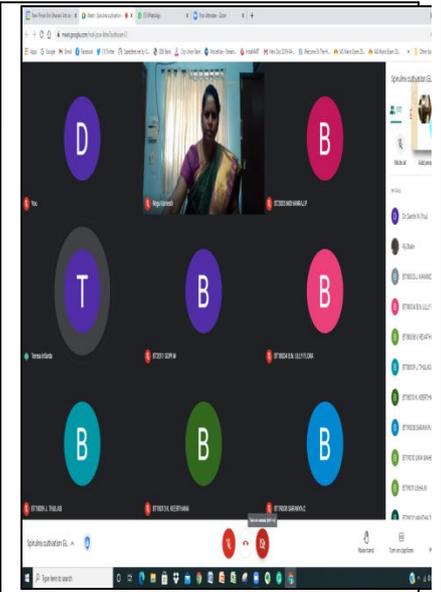


A Webinar on Genetic, Molecular and Physical Views of Genomes Presented by Kavin Bioresearch-under MOU, Velachery on 30-12-2020

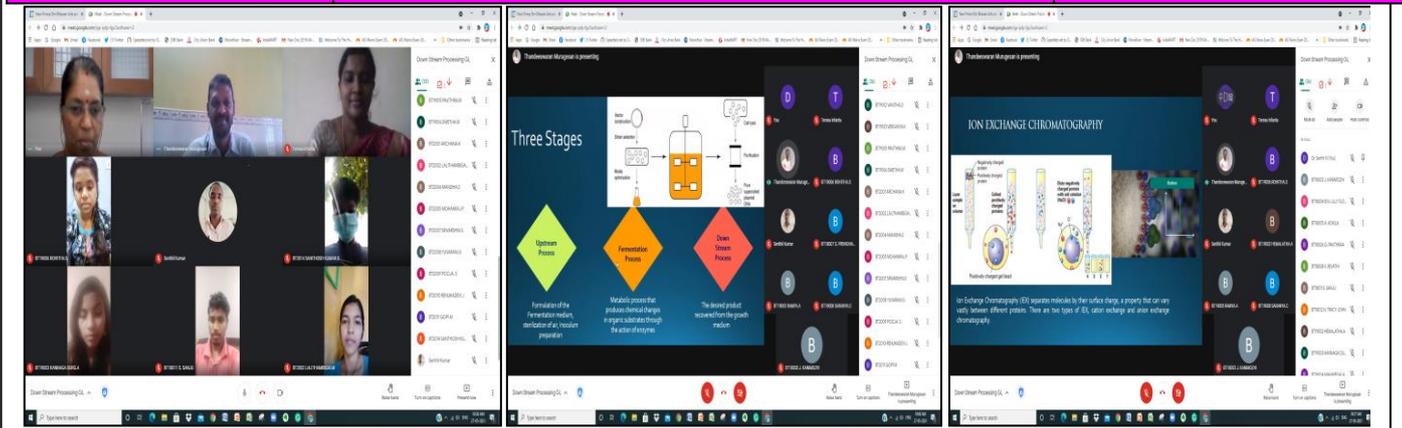


Virtual lectures

Date	Name of the Speaker & Details	Topics
26-5-21	Dr.S.Rega, Associate Professor Dept. of Biotechnology Kumara Rani Meena Muthaih College	Spirulina Cultivation



27-5-21	Dr. M. Thandeeswaran, Technical Officer, RUSA Bharathiar University Coimbatore	Down stream Process
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3. HOW ARE THEY MADE?

Immunization: Antigen is injected into a mouse to produce antibody-forming cells.

Fusion: Antibody-forming cells are fused with tumor cells to create hybridomas.

Hybridomas are screened for production of desired antibody.

Antibody-producing hybridomas are cloned.

Monoclonal antibodies are harvested from the culture medium.

28-5-21

**DK.Priya,
Asst.Professor
Dept.of
Biotechnology
St.Joseph College
of Arts and
Science**

**Monoclonal
Antibodies**

Principle of Pasteurization

4°C HEATED → 72°C COOLED → 4°C

MILK

HEATING

HOT WATER

COOLING

COLD WATER

HOT AIR OVEN

Close View

Open View

29-5-2021

**Dr.U.Boominathan,
Asst.Professor
Dept.of Biotechnology
St.Joseph College of
Arts and Science**

**Sterilization
Techniques**



What we learn with pleasure we never forget

-Alfred Mercier

STAFF ACTIVITY

STAFF NAME	DATE	WEBINAR/ VIRTUAL WORKSHOP/ FDP	TOPIC	VENUE/ ORGANIZER
Dr.N.Santhi Dr.S.Usha Dr.N.Senthilkumar Dr.AntonyK.Teresa Infanta.S	16.07.2020	Webinar	Recent advances on OKRA improvement programme in India	Annamalai University Chidhambaram
Dr.N.Santhi Dr.S.Usha Dr.N.Senthilkumar Dr.AntonyK.Teresa Infanta.S	21.07.2020	Webinar	Bamboo Oxygen Park	Arul Anandar College Karumathur
Dr.N.Santhi Dr.S.Usha Dr.N.Senthilkumar Dr.AntonyK.Teresa Infanta.S	27.07.2020 to 31.07.2020	QIP/FDP	Evolving Trends in Biotechnological Research	Sri Venkateshwara College of Engineering Pennalur
Dr.N.Senthilkumar Dr.AntonyK.Teresa Infanta.S Dr.S.Usha Dr.N.Santhi	13.08.2020	Webinar	Resource Management and Vermi composting	Veridian Micro Lab Navalur
Dr.N.Santhi Dr.S.Usha Dr.N.Senthilkumar Dr.AntonyK.Teresa Infanta.S	07.10.2020	Webinar	Why do we get variable efficacy with medicinal plant extract	General Food & Agriculture foundation Amity University Noida
Dr.N.Santhi Dr.S.Usha Dr.N.Senthilkumar Dr.AntonyK.Teresa Infanta.S	27.10.2020	Online Workshop	Social entrepreneurship, Swachhta & Rural engagement	Ministry of education, Government of India
Dr.N.Santhi Dr.AntonyK.Teresa Infanta.S	27.05.2021	FDP	IPR and its types	S SS Shasun Jain College for Women. T.Nagar. Chennai

STUDENT ACTIVITY

- ✚ **Priyadharshini.S & Lilly Flora.N.B of III B.Sc Biotechnology participated Webinar in Annamalai University Chidhambaram on 16.07.2020**
- ✚ **Hemalatha.A, Rohitha.S, Usha.M, Vanitha & Verginiya.K II B.Sc Biotechnology participated Webinar in Arul Anandar College Karumathur on 21.07.2020**
- ✚ **Pavithraa.G, Tracy John.N, Kokila.A, Dinesh Kumar.K, Sanju.S B of III B.Sc Biotechnology, & Faiyaaz .S.A, Manimegalai.M, Usha.M of II B.Sc Biotechnology participated Webinar in Veridian Micro Lab Navalur on 13.08.2020.**
- ✚ **Archana. K, Mohanraj.J, Manisha.S, Srivarshini of I B.Sc Biotechnology, S.Rohitha. S, Usha. of II B.Sc Biotechnology**
- ✚ **M.Kanimozhi & V.Revathi of III B.Sc Biotechnology participated Webinar in General Food & Agriculture foundation Amity University, Noida on 7.10.2020.**
- ✚ **Archana. K, Gopi. M, Mohanraj.J, Renukadevi.J, Manisha.S, Lalithambigai.M, Logeshwari.C, Pooja. S, Yuvarani.G, Susmitha.R, Shambavi.J, of I B.Sc Biotechnology, Hemalatha.A, Kannaga Durga.S, Usha.M, Vanitha. of II B.Sc Biotechnology & D, Priya Dharshini.S, Thulasi.J, Pavithraa.G, Lilly Flora.B.N, Tracy John.N of III B.Sc Biotechnology participated an E-Quiz in Kamaraj College Thoothukudi on 30-10-2020.**
- ✚ **Manisha.S, Renukadevi.J, Srivarshini.S, Gopi.M of II B.Sc Biotechnology, Pavithra.M, Kokila.A, Sanju.S of III B.Sc Biotechnology participated an E-Quiz in Women's Christian College Nagercoil 05.11.2020 to 07.11.2020.**
- ✚ **Rohitha.S, of III B.Sc Biotechnology & Manisha.S, Renukadevi.J of III B.Sc Biotechnology participated an E-Quiz in AUFAU Science Forum Salem on 31.05.2021.**

PAPER PUBLICATION

- ❖ Dr. Antony K. Teresa Infanta.S & Dr.S.Usha published a paper entitled on **To study the extraction of DNA from *Polyporusmonticola* and *Trichodermmaviride* and amplify it using PCR to ascertain its purity-** European Journal of Molecular & Clinicl Medicine ISSN 2515-8260.
- ❖ Dr. N. Santhi, Dr.S.Usha & Dr. N. Senthil Kumar published a paper entitled on **Length -weight relationship between the various culture practices in Shrimp-** Parishodh journal- ISSN 2347-6648
- ❖ Dr.S.Usha & Dr. N. Senthil Kumar published a paper entitled on **Enzyme Production through Immuomilization using Poly Urethane Foam Cubes in Solid State Fermentation of Ragi straw with *Polyporusmonticola* and *Trichodermmaviride* -** Parishodh journal- ISSN 2347-6648-ISSN 2347-6648.

*Education is the
key to unlock the
golden door of
freedom.*

-George Washington Carver



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DEPARTMENT OF COMPUTER SCIENCE [2020-2021] – VII Issue



ABOUT CS HAPPEN BYTES

With great pleasure, we present the 2020-2021 issue of CS Happen Bytes, the yearly newsletter of New Prince Shri Bhavani Arts and Science College's Department of Computer Science. The goal of CS Happen Bytes is to keep you informed about the department of computer science's fascinating new innovations and continuing projects. The current newsletter covers our students' activities as well as staff accomplishments throughout the past year. The goal of CS Bytes is to convey information about our department and college, and we hope that readers will find the issues to be both educational and useful. We appreciate the contributions of our department's faculty and students, and we welcome any recommendations or feedback. We can be reached at newsletter@newprincearts.edu.in.

HOD'S MESSAGE

Dr. V. UmaDevi

Greetings from the Department of Computer Science.



I am delighted to publish the seventh issue of the Computer Science Department's newsletter "CS Happen Bytes." I hope that this newsletter provides information on the department's academic and co-curricular activities for the academic year 2020-2021. I am pleased to

observe that the department organises symposiums, development programmes, intra-departmental events, and seminars to transmit information to its employees and students. Due to the pandemic situation (Covid 19), all events are held virtually. I'd like to thank all the faculty members and students who has contributed to this newsletter. I wish everyone in the Department the best of luck in their pursuits.

What's Inside?

- ☞ Department Vision and Mission
- ☞ Faculty Awards and Recognitions
- ☞ Events Organized
 - TECHNIX 2K'21
 - FDP
 - Workshops
 - Seminars
 - Alumni Talk
 - Intra-Departmental Competitions
 - Add on Courses
- ☞ Journal/ Book Publications by Faculty Members
- ☞ Workshop and Conferences participated by Faculty Members
- ☞ Students Achievements



ABOUT THE DEPARTMENT

- The Department of Computer Science was established in the year of 1999 with UG program, B.Sc. Computer Science to nurture fresh talent in the field of Information Technology. To accomplish the need of IT sector, we started BCA in 2000. The Department was upgraded into a post graduate stream in the year of 2003. It is committed to provide a supportive, friendly, and challenging learning environment and to impart quality education in the sub fields of IT, a field growing leaps and bounds.
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VISION

To be in the frontier of Computer science and applications to produce globally competent graduates and professionals with innovative ideas, skills, and moral values to build a vibrant nation.



MISSION

- To provide quality education to meet the need of profession and society.
- Provide a learning ambience to enhance innovations, problem solving skills, leadership qualities, team-spirit and ethical responsibilities.
- Establish Industry Institute Interaction program to enhance the entrepreneurship skills
- Provide exposure of latest tools and technologies in the area of Information technology.
- To inculcate value-based, socially committed professionalism to the cause of holistic development of students and society.

AWARD AND RECOGNITION

Our college is proud of distinguished faculty members who have brought laurels to the institute by their exemplary service and achievements.



- Dr. V. Uma Devi had received “International award of Academic Excellence” from International Institute of Organized Research for the year 2020-2021.
- Dr. V. Uma Devi & Mrs.P.Calista Bebe had Received “Award of Honour and Recognition” – Participating in the event registered in the Indian Book of Records and Asia Book of Records from ESN publication.
- Mrs.P.Calista Bebe had received “Young Researcher” Award from International Institute of Organized Research for the year 2020-2021.
- Dr.T.Nathiya had received “International award of Academic Excellence” from International Institute of Organized Research for the year 2020-2021.
- Dr.V.Poornima had received “International award of Academic Excellence” from International Institute of Organized Research for the year 2020-2021.
- Mrs.R.Kala had received “International award of Academic Excellence” from International Institute of Organized Research for the year 2020-2021.
- Dr.V.Poornima has awarded with Doctorate Degree on August 2020.

ASSOCIATION AND ACTIVITIES

TECHNOSIS

Association of Computer Science organized many virtual events like Technical Symposium, Faculty Development Programs, Workshops, Seminars, and Intra-Departmental Events for the benefit of students and faculty members to acquire knowledge in the latest technologies and career development. Details of some important events during the academic year 2020-2021:

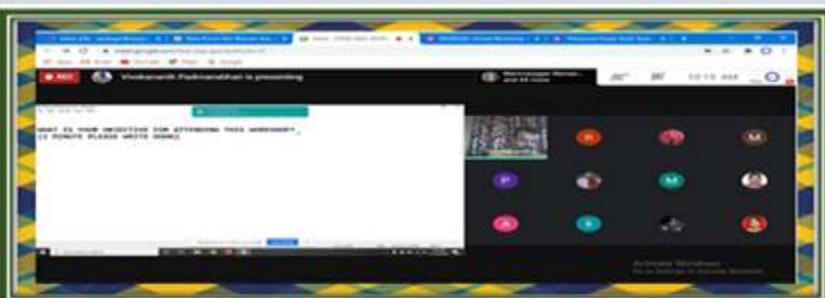
TECHNIK – 2K'21

On February 27, 2021, the Department of Computer Science will organize a national technical virtual conference called "TECHNIX-2K'21." This Symposium broadens participants' technical knowledge while also providing them to showcase their abilities by utilizing the online Platform. It assists participants in identifying and comprehending the numerous parts of the computer science and information technology area, allowing them to expand their variety and charisma in various aspects of their development. The major goal of "TECHNIX-2K'21" is to foster student creativity by addressing as many current trends and issues in computer science as possible. The symposium drew about 170 students from a variety of colleges, making it a huge success.

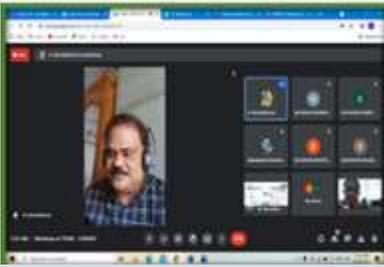


FACULTY DEVELOPMENT PROGRAM

Two days FDP on “Current Trends in IT” was held on 26th & 27th June 2020.



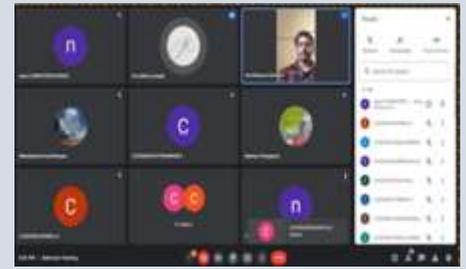
WORKSHOPS



One day Virtual Skill Development Workshop "HTML CANVAS" presented by Mr. N. Muralidharan, PGT, Mathematics held on 29th August 2020.

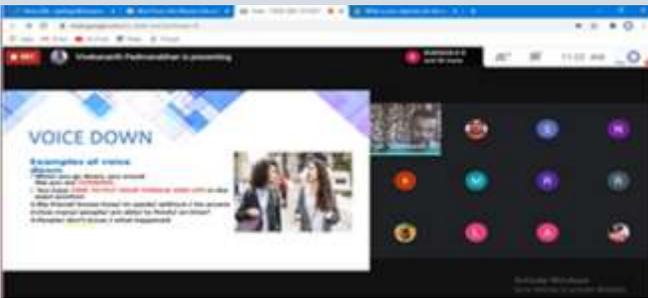


One day Virtual Skill enhancing Workshop on "Linux made Easy" presented by Mr. Ambicapathy palanivelu, unix Team Lead Fiserv Technology Solutions Nebraska State, USA, held on 12th September



One day online National level Workshop on "Selenium Automation Testing" presented by Mr.S.Karthikeyan Lead Quality Assurance Engineer, BNY Mellon, Chennai, held on 7th November 2020.

WEBINARS



One day skill Development Webinar on "Shaping Students Career" presented by S.Madhusudanan, Head Learning and Development, Mentor Learning Services held on 10th October 2020.

One day International Virtual Seminar on "Cyber Awareness; Strategies For Safeguarding Ourselves from Cybercrimes and CyberAttacks" hosted by Dr.Vivekananth Padmanabhan, Dean-ICT/Senior Lecturer, Certified Computer Hacking Forensics



One day Webinar on "Dot Net technologies" presented by Dr.K.Dharmarajan, Associate Professor & Research Supervisor, Department of Information Technology, Vels Institute of Science, Technology & Advanced Studies (VISTAS) held on 20th March 2020.



INTRA DEPARTMENTAL COMPETITIONS



Intra-Departmental online Quiz contest "CS - MASTER MINDS'21", held on 12th November 2020.

Intra-Departmental Competitions, Paper Presentation and Poster Expo "TECHNOSHARE'21" held on 1st March 2021.

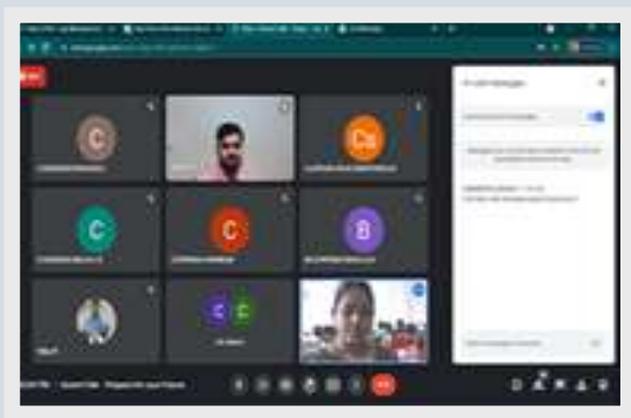
ADD ON COURSES – VIRTUAL PLATFORM



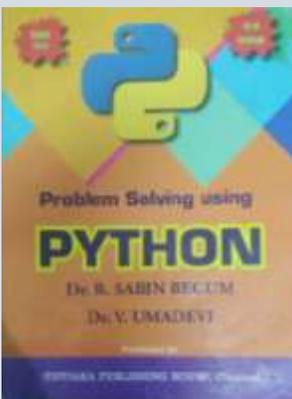
- ☞ “PYTHON PROGRAMMING” held from 2nd to 13th November, hosted by “NIIT Private Limited” for final year UG and PG students.
- ☞ “PHP WEB DEVELOPMENT” held from 14th to 25th September, hosted by “Aadhityaa Infomedia Technologies” for second year UG and PG students.
- ☞ “FLASH” held from 7th to 18th December 2020, hosted by “Aadhityaa Infomedia Technologies” for First year UG and PG students.

ALUMNI TALK

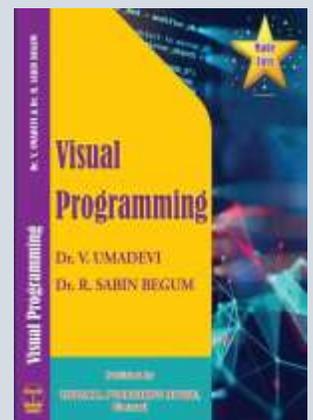
Alumni talk on “Prepare for future” for students delivered by Mr.R.Rahul,MBA., Motivational speaker held on 8th August 2020.



BOOK PUBLICATIONS



- Dr. V. Uma Devi, had published a book on “Programming in c” published by Selvam Publications on March 2020.
ISBN No: 978-81-933878-3-2.
- Dr. V. Uma Devi, had published a book on “Visual Programming” published Tipitaka Publishing House on August 2020.
ISBN No 978-93-5406-951-2
- Dr. V. Uma Devi, had published a book on “Problem solving Using Phyton” published Tipitaka Publishing House on August 2020.
ISBN No 978-81-89847-447-9



PUBLICATIONS BY FACULTY MEMBERS

- Dr. V. Uma Devi, has published a paper on “Hybrid Encryption Algorithm for Cyber Security using AES and DES” in Journal of Information and Computational Science(JICS) in the year 2020
- Mrs.A.Sivarani, has published a paper on “Water Management Using IOT” in Science Direct through proceedings on March 2020.
- Mrs.P.Calista Bebe, has published a paper on “Use of AI Based “CHATBOTS” for Providing Health Related Information” in European Journal of Molecular & Clinical Medicine(EJMC) in the year 2020.
- Mrs.P.Calista Bebe, has published a paper on “Secured implementation of steganography in multicloud” in Science Direct through proceedings on February 2020.
- Mrs.P.CalistaBebe has published a paper on “Bloom hash probabilistic data Structure and Benaloh Cryptosystem for secured data storage and access control in cloud” Materials Today Proceedings in February 2021.
- Mrs.P.Calista Bebe, has published a paper on “An Investigation Study on Secured Data Storage and Access Control in Cloud Environment” in Intelligent Computing and Innovation on Data Science in November 2021.
- Mrs.K.Maheswari, has published a paper on “Protection Armed Forces Using Blockchains: A Position Of The Talent Analysis” in Parishodh Journal on January 2020.
- Mrs.S.Sivakamasundari & Mrs.A.Sivarani, has published a paper on “Survey on Smart Agriculture Based on Cloud Computing and Internet of Things” in Parishodh Journal on January 2020.
- Mrs.S.Sivakamasundari, has published a paper on “Adaptive Discriminant Quadratic Boosting Classification Based Radix Hash Data Storage for Context Aware Cloud IoT Services” in European Journal of Molecular & Clinical Medicine(EJMC) in the year 2020.
- Mrs.S.Janet Grace Susila,has published a paper on “A Realistic Hotel Menu Ordering System Based On Virtual Reality” in EuropeanJournal ofMolecular & ClinicalMedicine(EJMC)in the year 2020.
- Mrs. I. Poonkody, has published a paper on “Human Annotator For Imbalanced Data” in European Journal of Molecular & Clinical Medicine(EJMC) in the year 2020
- Mrs.I.Poonkody & Dr.C.Meenakshi, has published a paper on “Role Of Machine Learning Algorithms In Predicting Lung Cancer” in Parishodh Journal on January 2020.
- Dr.V.Poornima, has published a paper on “A Survey on Business Intelligences Mining” in Journal of Information and Computational Science(JICS) in the year 2020.
- Dr.V.Poornima, has published a paper on “Pest Free Groundnut using ML Techniques” in European Journal of Molecular & Clinical Medicine(EJMC) in the year 2020.
- Dr.V.Poornima, has published a paper on “A new improved machine learning model for identifying Iris flower Species using Naïve Bayes with smoothing techniques” in Parishodh Journal on January 2020.
- Dr.V.Poornima, has published a paper on “An Empirical study of Heart Disease Prediction System Using Various Machine Learning Classification Algorithms” in Advances in Intelligent Systems and computing in the year 2021.
- Dr.R.Akilan, has published a paper on “Voice Controlled Dc Based Solar Powered Smart Home” in European Journal of Molecular & Clinical Medicine(EJMC) in the year 2020.
- Dr. S.Saranya, has published a paper on “HDES: Hybrid Encryption Algorithm for Cyber Security using AES and DES” in Parishodh Journal on January 2020.
- Mrs.S.Elavarasi, has published a paper on “ Automatic Robot Processing Using Speech Recognition System” in Parishodh Journal on January 2020.
- Dr.T. Nathiya and Dr.V.Umadevi, has published a paper on “IDSSECIOT Algorithm Using for Cloud Based Detecting Network Intrusion System inIoT Environment” in Parishodh Journal on January 2020.
- Mrs.R.Kala, has published a paper on “Web based Prepaid Energy Meter with theft control” in European Journal of Molecular & Clinical Medicine(EJMC) in the year 2020.
- Dr.B.Mahalakshmi, has published a paper on “IoT Based Fire Fighting Robot” in European Journal of Molecular & Clinical Medicine(EJMC) in the year 2020.
- Dr.B.Mahalakshmi, has published a paper on “ An Approach towards soil Erosion Monitoring system using satellite images Through dataminnng and pattern minnnng techniques” in Journal of critical reviews in the year 2020.
- Dr.R.Alarmelu Mangai has Published a paper on “Pregnancy Women Fetal Heart Rate and Kicking monitoring using embedded system” in European Journal of Molecular & Clinical Medicine(EJMC) in the year 2020

FACULTY DEVELOPMENT PROGRAM

From	To	Faculty Name	Title	Venue
28-05-2020	02-06-2020	P.Calista Bebe	Emerging Technologies in computer Science	Dr.MGR Educational and Research Institute
02-06-2020	06-06-2020	P.Calista Bebe	Skilling Teachers for online Education	UKS TARSADIA University
05-06-2020	09-06-2020	A.Sivarani S.Sivakamasundari	Emerging Research Areas in Engineering	SRM Institute of Science and Technology
22-06-2020	28-06-2020	P.Calista Bebe	Online Training on Python-3.4.3	Syed ammal Engineering College
22-06-2020	28-06-2020	I.Poonkody, Dr.S.Elavarasi A.Janet Grace Susila, Dr.R.Akilan Dr.B.Mahalakshmi, R.Kala	Hands on training on ICT Tools for Effective Teaching	Sri Kanyaka Parameswari Arts and Science college for Women
01-07-2020	05-07-2020	P.Calista Bebe Dr.C.Meenakshi A.Janet Grace Susila Dr.S.Saranya Dr.T.Nathiya Dr.R.Akilan Dr.G.G.Goklam Dr.B.Mahalakshmi R.Kala	ICT Based Teaching and Learning Process	Rookie College of Polytechnic
01-07-2020	06-07-2020	P.Calista Bebe	PHP and MySQL	Syed ammal Engineering College
02-07-2020	08-07-2020	P.Calista Bebe	Moodle Learning Management System	Government Arts and Science college
13-07-2020	20-07-2020	P.Calista Bebe	Essential for blended Learning	Dr.MGR Educational and Research Institute
17-07-2020	21-07-2020	A.Sivarani	Machine Learning and its Applications using Python	Madanapalle Institute of Technology and Science
22-07-2020	28-07-2020	Dr.S.Elavarasi	Recent Trends in Computer Science	Thiruvalluvar University
17-08-2020	22-08-2020	P.Calista Bebe	Cybersecurity Essentials	ICT Academy
27-01-2021	28-01-2021	A.Sivarani, K.Maheshwari , S.Sivakamasundari, Dr.C.Meenakshi A.Janet Grace Susila, Dr.T.Nathiya Dr.R.Alarmelu Mangai	Assesment & Tools	SRM Institute of Science and Technology
01-02-2021	04-02-2021	A.Sivarani Dr.S.Elavarasi Dr.G.G.Goklam	Current Trends and Technology in IT	Guru nanak College
16-02-2021	20-02-2021	Dr.B.Mahalakshmi	Fundamentals of Machine Learning	ICT Academy
22-02-2021	27-02-2021	I.Poonkody Dr.G.G.Goklam	Introduction To Angular JS	ICT Academy
08-03-2021	10-03-2021	I.Poonkody	Transdisciplinary Research	Solent University
08-03-2021	12-03-2021	V.Poornima	Data Science Using R	ICT Academy
29-03-2021	03-04-2021	P.Calista Bebe	Introduction to Python Programming	ICT Academy
29-03-2021	05-04-2021	P.Calista Bebe K.Maheshwari S.Sivakamasundari	Recent Trends in Cloud Computing	Easwari Engineering College
17-05-2021	21-05-2021	P.Calista Bebe	ICT Tools for Faculty	ICT Academy

WORKSHOP AND CONFERENCES PARTICIPATED BY FACULTY MEMBERS

All our faculty members had participated in different Webinars, Conference and Training programs conducted by various colleges on the emerging technologies in Computer Science.

Publication in Conference proceedings of the National Level Conference on “Recent Trends In Applied Mathematics” – 2020.

- Mrs.A.Sivarani - Mathematical Modeling of an Integrated Inventory Model with Two-Level Trade Credit and Random Defectiveness
- Mrs.S.Sivakamasundari - A Characterization of Edge Graceful Labeling of Complement of Cayley Digraph
- Mrs.P.Calista Bebe - Two Layered Model of Blood Flow through a Stenosed artery with Slip velocity: Effects of variable viscosity
- Mrs. I. Poonkody - Transient analysis of a Thermo- Electric-Elastic Plate by using Hybrid Numerical Method
- Dr.V.Poornima - Bipolar Multi-Fuzzy Sub algebra of BG – Algebra
- Dr.B.Mahalakshmi - Unsteady Oscillatory flow of blood through a Composite Stenosed Artery with Permeable Wall
- Dr.G.G.Gokilam - On Almost Nano Pre-Continuous Functions in Nano Topological Spaces
- Dr.T.Nathiya - Fixed Point Theorems for Compatible Mappings Of Type (E) in - Fuzzy Metric Spaces
- Mrs. R.Kala - Dufour Effect on Unsteady Free Convective Walter’s Memory Flow with Constant Suction and Heat Sink through Porous Medium
- Dr.R.Alarmelu Mangai - Multiple Domination in Bipolar Fuzzy Graphs
- Mrs.K.Maheswari - A Hybrid Artificial Neural Network Approach for Forecasting Rainfall in Chennai City
- Mrs.S. Janet Grace -On Increasing N_T - G^*B_w Closed Sets in N-Topological Ordered Spaces
- Dr.S.Elavarasi - An Application of Intuitionistic Fuzzy Soft Matrix in Decision Making Problem
- Dr.R.Akilan - Applications of Nano Topological Properties in Filtering the Image

STUDENTS ACHIEVEMENT

Our college students got honours for participating in numerous online events such as quizzes, debugging, and networking sponsored by several institutions.





NEW PRINCE



SHRI BHAVANI ARTS AND SCIENCE COLLEGE NEWSLETTER

2020-2021

ACADEMIC RECORDS OF THE YEAR 2020 – 2021

VISION OF OUR DEPARTMENT

“INCULCATING KNOWLEDGE WITH INSPIRATION, IMAGINATION AND INVENTION”

Department of Microbiology established in the year 1999 is one of the oldest Department in the college.

PG Courses was started from 2004. It has well furnished laboratories with all basic and advanced facilities to cater the needs of the students. The Department has well qualified staff members with the mission of producing intellectually motivated, scientifically advanced young community. The Department is producing rank holders every year. Our students are well placed as research scholars and been placed in leading industries. The success of Department relies on constant support and encouragement of management, teaching staff, non teaching staff and students.

Welcome to the fascinating world of microbes. Microbiology is an applied branch of life sciences and impacts the life of humans, animals and plants. One cannot imagine life without microbes. The Department has a strong commitment to excellence in both teaching and research. The Department is striving hard to provide a conducive learning environment and a student-friendly atmosphere that facilitates academic excellence in all aspects of Microbiology. We are committed to produce highly skilled microbiologists capable of facing the challenges of today's world. The faculty members are very active and successful in research, bringing the latest knowledge to the lectures and practical lab classes. We have an industry oriented curriculum leading to graduate and postgraduate degrees in Microbiology.



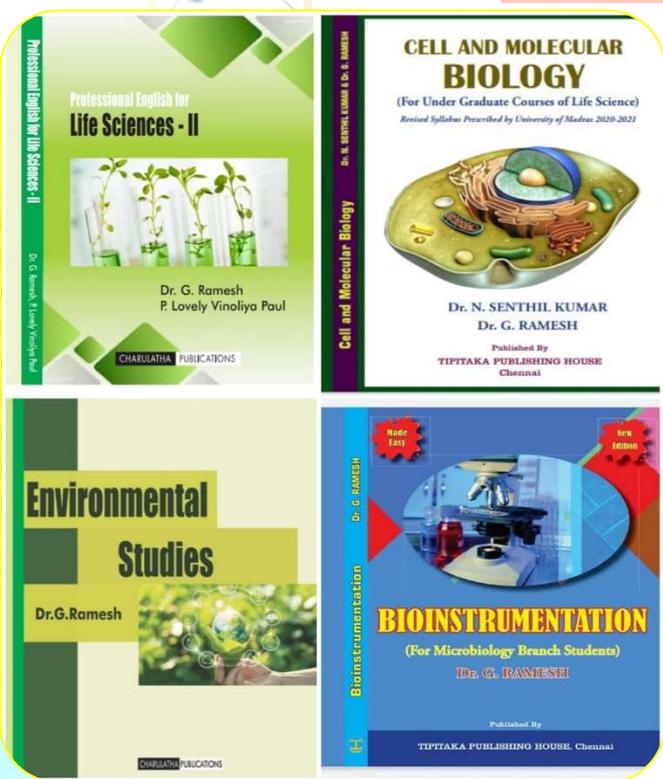
ACADEMIC OUTPUT

Our students break the hurdle of pandemic situation with high confidence and cleared all the subjects with good percentage of marks. Though the classes went through online mode with continuous support of all the faculty members and management the students progress ends with quality.

The UG students of batch 2017-2020 and PG students of batch 2018-2020 passed with 100% results.

RESEARCH CONTRIBUTION

Our staff members contribute their time and efforts to prove their interest and passion in the field of research. We published articles in reputed journals. Most of the papers adhered to the regulations of UGC. Our Staff member Dr. M. Arputha Bibiana had published an article on the title, “Development of Meloxicam – chitosan magnetic nanoconjugates for targeting rheumatoid arthritis joints: Pharmaceutical characterization and preclinical assessment on murine models” in Journal of Magnetism and Magnetic Materials, October 2020, Volume 523. Our Staff member Dr.C.Sweetline had published an article on the title, “Optimization of Antibiotic Production of *Streptomyces* Sp isolated from Mangrove Soil using Response Surface Methodology” in International Journal of Scientific and Research Publications, May 2021, Volume 11(5).



BOOK PUBLICATIONS

Our staff members contribute their time and efforts to prove their interest and passion in the field of research. We published books and articles in reputed journals. Most of the papers adhered to the regulations of UGC. The details of the books published are 1.G. Ramesh (2020). Text Book for Environmental Studies (ISBN: 978-93-89970-49-4). Charulatha Publications. 2.G. Ramesh (2021). Bioinstrumentation (ISBN: 978-81-948789-4-0). Tiptaka Publishing House. 3.N. Senthil Kumar and G. Ramesh (2021). Cell and Molecular Biology (ISBN: 978-81-948789-6-4). Tiptaka Publishing House. 4. G.Ramesh and P.Lovelyn Vinoliya Paul (2021). Professional English for Life Sciences-II (ISBN-13:978-93-5577-050-9)

WORKSHOP/WEBINAR/CONFERENCE/FDP ATTENDED

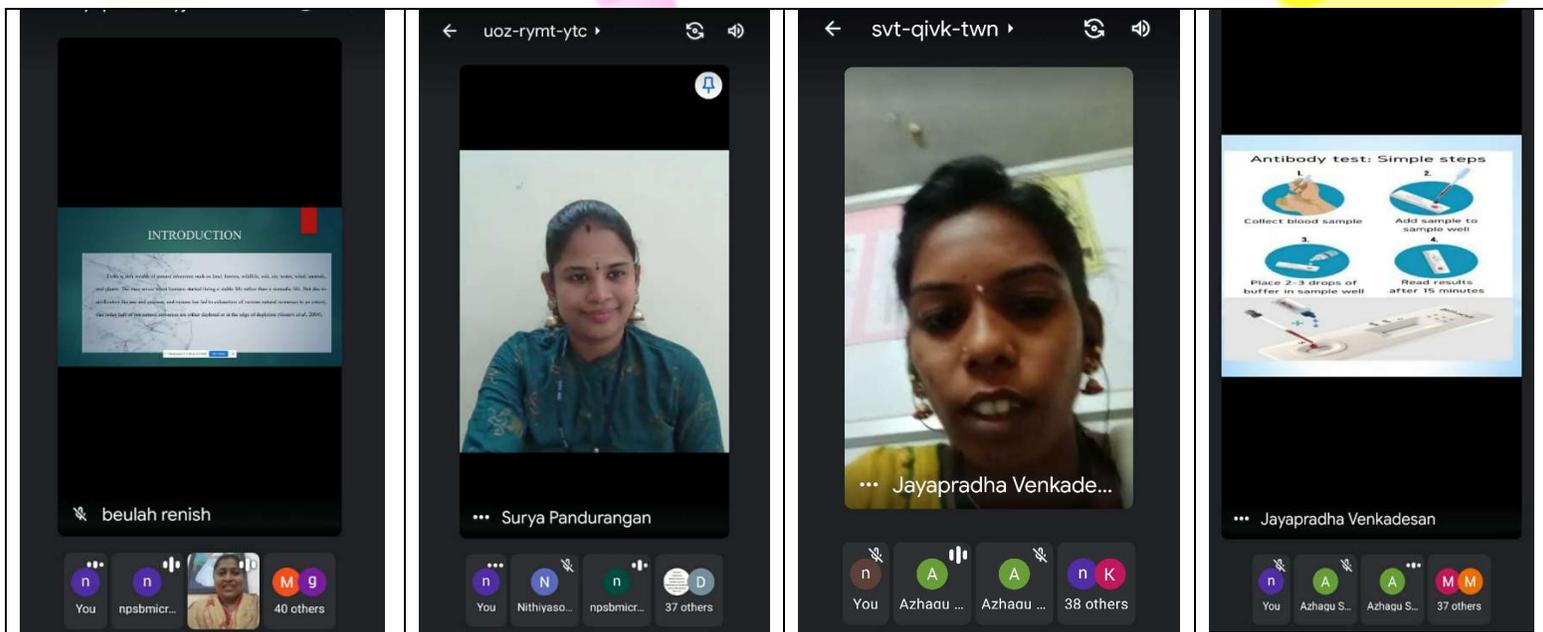
Our staff member Dr.R.Azhagu Senthil Radha, Mrs.S.Gini and Mrs.D.Indumathi have successfully completed the 4 weeks International Online certificate course with distinction on “Medical Bacteriology Phase – III” organised by Sacred Heart College, Tirupattur, TamilNadu in association with Microbiologists Society, India and Laboratory of Chemical and Biological Analysis (LAQB), Western Rio Janeiro State University, Rio de Janeiro, Brazil from 1st June - 30th June 2020.

All our faculty members participate in more than ten programmes on various topics as webinar, FDP, workshops and conference to update knowledge and practice enriching the profession of teaching.

WORKSHOP/WEBINAR/FDP ORGANISED

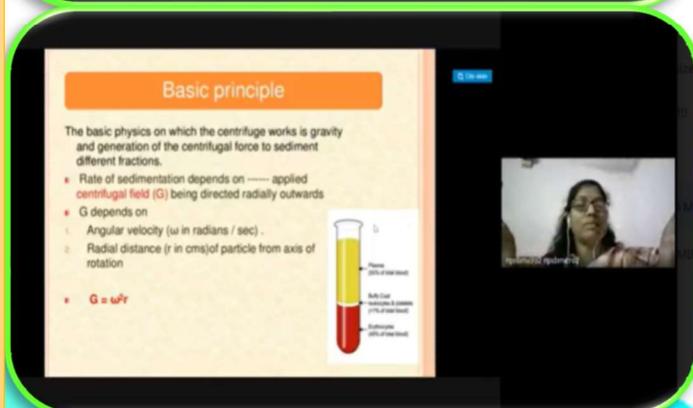
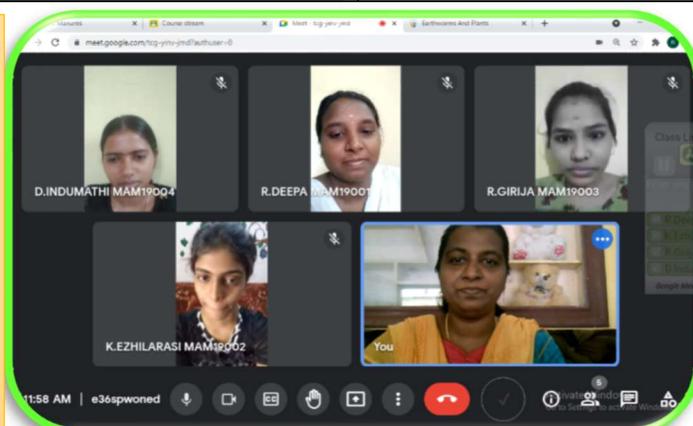
We organized well planned workshops, webinars and FDP for the update and sharing of knowledge among students and faculty of our college and neighbor colleges.

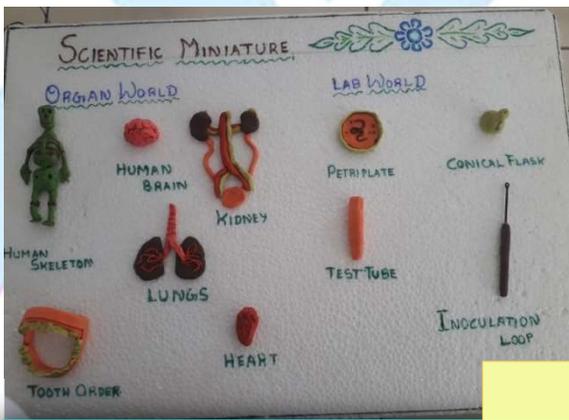
A webinar series was organised on the topic “**Awareness and Entrepreneurship Development**”. A one day seminar on topics “**Role of Bioinformatics in Molecular Biology Research**”, “**Vaccinotherapy**” “**Biodegradation of Hydrocarbons**” and “**Oral hygiene and dental care during COVID 19**”. A webinar series was organised on the topic “**Awareness and Entrepreneurship Development**”. The Career Development workshop was Organised by PG Department of Microbiology and Department of Biotechnology on “**Life of Life Sciencers**”. The Skill Development Workshop was conducted on “**Clinical Practices of COVID 19 Sample Collection**”.



ADDON COURSE

All the UG and PG students of our Department of Microbiology were educated with an Add on course on the topics “**Immunotechniques**”, “**Analytical Techniques**”, “**Medical Coding**”, “**Advanced Microbial Techniques**” and “**Eco Micro products**”. The course was conducted during the academic year 2020-2021 online on GSuite platform. The learning hours were planned before or after their regular online working hours. This is because, the understanding of the subject mainly comes from the strong basis of the experiments and techniques on which the theories are built. It gives life science students excellent opportunity to acquire skills and knowledge which is a part of the curriculum.





SCIENTIFIC MINIATURE



I
D
A



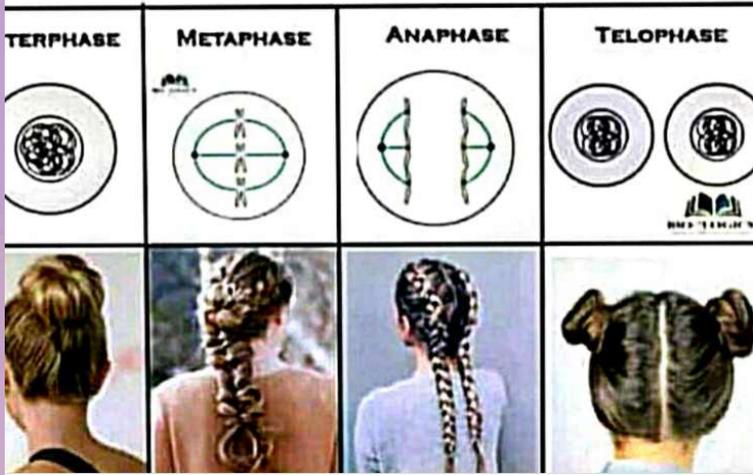
INTRA DEPARTMENT ACTIVITY



Intra Departmental activity was organized for our students on 17-09-2020. The students actively participated in an **Online Bio Memes Competition** and they presented their memes with the colorful pictures. Another activity organized was an **Essay Competition** for our students on 11-11-2020 on the title, **“Impact of Technology on Education during pandemics”** in recognition of **“National Education Day”**. The students exhibited their writing skills efficiently. **“BioRhythm”** and **“Scientific Miniature”** competition was organized for the students as an Intra Departmental activity on 16-03-2021 in recognition of **“National Vaccination Day”**. The students presentation skills based on updation were appreciable.

BIOMEMES

STAGES OF CELL DIVISION



Science day mudinjii oru vaaram aaga pothu Ipa yaaru da ungala science memes panna sonnathu



WHEN WE TRY TO PIPETTE DIRECTLY FROM THE STOCK SOLUTION



Edho evanga tha ,evangalukku edhu tha vela

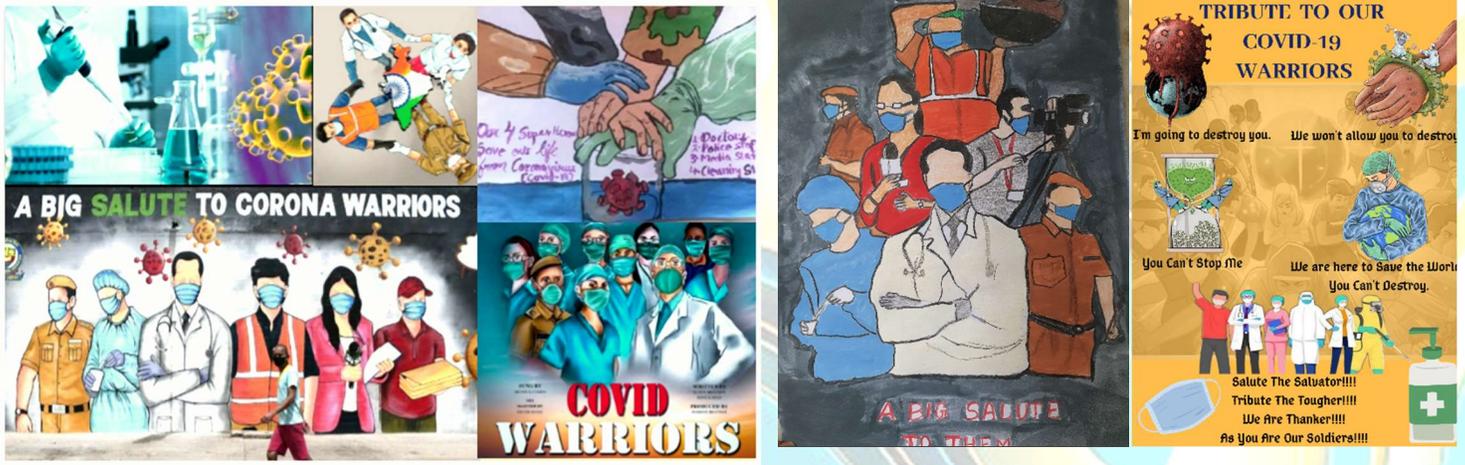
LAB ASSIST



BIORHYTHM



— MY —
HARD
TIMES
 — HAS —
MADE
 — ME —
WISE
 — AND —
STRONG



INTER COLLEGIATE COMPETITION

An Inter college - E-Quiz competition were organized by the Department on 27th June 2020 on the topic, “Current COVID-19 Circumstances” for the students and faculty members across different colleges to create awareness among public related to COVID-19. Again Inter collegiate E-Poster competition “SAMARPAN 2020” were organized by the department on 1st July 2020 in recognition of “National Doctors Day” for the students across different colleges on the title : **Tribute to our COVID -19 Warriors.**



An Inter college – Photo Collage competition were organized by the department on 28th February 2021 on the topic, “Events of Science: From past to future” for the students in recognition of “National Science Day”.

“The only weapon greater than fear is faith.”
— Allene vanOirschot



EXTENSION ACTIVITY



As a part of curriculum, we successfully conducted the extension activity and taken the students to give the awareness among the public and give the free of face mask distribution at Sivagami Nagar, Medavakkam, Chennai on March 3, 2021. All the final year UG students were actively attended and participated in the extension activity. It was a great movement for the staffs and students, as they create awareness about the Covid-19 virus in Sivagami Nagar.

The distribution of masks has done without violating the rules of social distancing. The teachers and students also made the people in nearby areas aware about the COVID-19 and make them informed about the precautionary measures that shall be taken while working. The awareness campaign was conducted by observing the rules of social distancing, masks wearing and sanitization.

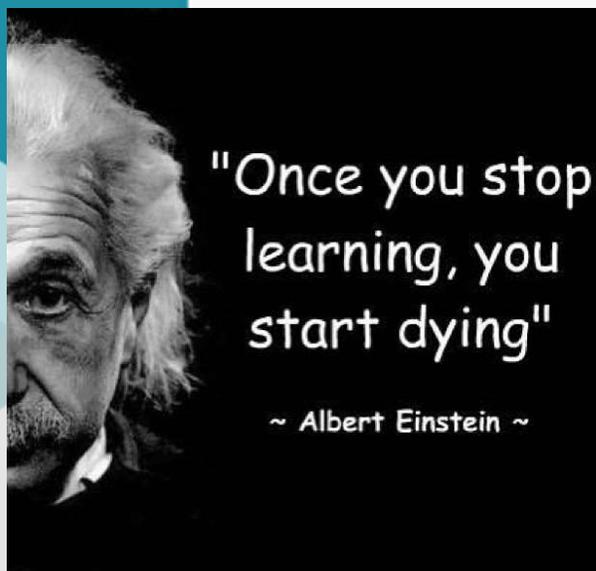


ALUMNI TALK

We successfully organized an alumni talk for our UG and PG students. Our former PG Student of our Department **Mrs.M.Gayathri (2015-2018)** gave a talk about his experience in the college. The event occurred in the UG Lab.

Follow your passion, stay true to yourself, never follow someone else's path unless you're in the woods and you're lost and you see a path then by all means you should follow that. - Ellen Degeneres

STUDENTS' ACHIEVEMENTS



Our II PG Students submitted an article in the **book of "Compendium of Research Insights of Life Sciences Students"** (ISBN No: 978-81-946500-0-3). Our student **M. Renuka** of III B.Sc., Microbiology had participated in the e-poster competition on **"Increase Immunity Against COVID-19"** by Bio Oikos Association of Biotechnology, New Prince Shri Bhavani Arts and Science College on 15th June 2020. Our student **R.Girija** of II M.Sc., Applied Microbiology had participated in the drawing competition organised by Rotaract Club of Anna University on 15th July 2020.

Our III UG students have successfully completed the **4 weeks International Online certificate course with distinction** on **"Medical Bacteriology Phase – III"** organised by **Sacred Heart College, Tirupattur, TamilNadu** in association with **Microbiologists Society, India and Laboratory of Chemical and Biological Analysis (LAQB), Western Rio Janeiro State University , Rio de Janeiro, Brazil** from **31st August - 30th September 2020**. Our III UG students participated and **M. Devika** of III B.Sc., Microbiology won the **best poster award** in the poster presentation competition –**Prakrithi, Association of Department of Microbiology** in collaboration with **National Green Corps (NGC), Chennai** organized by **Kumara Rani Meena Muthaiaha College of Arts and Science** on **28-09-2020** in recognition of **"World Rabies Day"**. Our student **S.Priya** of I B.Sc., Microbiology had **Won II Prize** in **Virtual Solo Dance Competition on Importance of Social Services** organised by **YRC, RRC and NSS of NPSBASC, Medavakkam** on **17th March 2021**. Our PG student had participated in an **Online Workshop on "Intellectual Property Rights"** organised by **IQAC, Hindustan College of Arts and Science, Chennai**.

THERE IS NO
SUBSTITUTE FOR
HARD WORK

NEW PRINCE SHRI BHAVANI ARTS AND SCIENCE COLLEGE



COM GLIMPSE NEWSLETTER

APRIL 2021 ISSUE NO 6



COM GLIMPSE

NEWSLETTER



APRIL | 2021

ISSUE NO 6

NPSB DEPARTMENT OF COMMERCE



ABOUT GLIMPSE

The Com Glimpse bring back the memories of yearly activities of Department of Commerce 2020-2021. We are here to share up to the minute of the moment. Publishing the newsletter is an essential and right tool to boost our entire department plan by a few notches. We have flashed the activities of the students and the efforts of the faculties in this issue. We are very grateful to the faculties and students for their contribution. We encourage your valuable feedbacks to upgrade ourself.

WHAT'S IN THIS ISSUE:

- About the Department
- Vision and Mission
- Workshops
- Seminars
- Alumni Talk
- Extension Activities
- PTA
- Intra-Departmental Competitions
- Inter College Competitions
- FDP
- Publications by Faculty Members
- Students Achievements
- Faculty as a Resource Person
- Staff Activity



COM GLIMPSE

NEWSLETTER

ABOUT THE DEPARTMENT

The department of commerce was started functioning in 1999 with undergraduate course in General, Corporate Secretary ship and upgraded as a post Graduate with the introduction of M.Com course in the year 2019.

The curriculum of commerce includes the Seminar, Workshop, Guest Lecturers, Alumni, Extension Activities, Project, Inter and intra competitions etc., The department has highly qualified and experience teaching staff.

VISION:

To Create Visionary professionals and entrepreneurs enriched with innovation and leadership

HOD WORDS

I am extremely delighted and proud to announce the release of our six department newsletter, 'The Communique'. Professionals need to be knowledgeable in multiple skills, not just in one. The department organizes various activities to mold students as future professionals. Th is newsletter will motivate students as it serves as a medium to showcase their success stories.



MISSION

To empower all the student lead productive lives by applying their acquired knowledge and skills.

To inspire and empower the students to become innovative leaders, contribute to the success of organizations and betterment of communities.

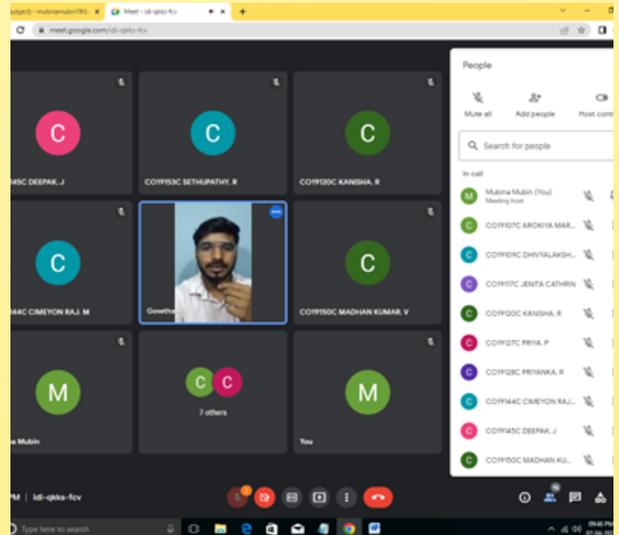
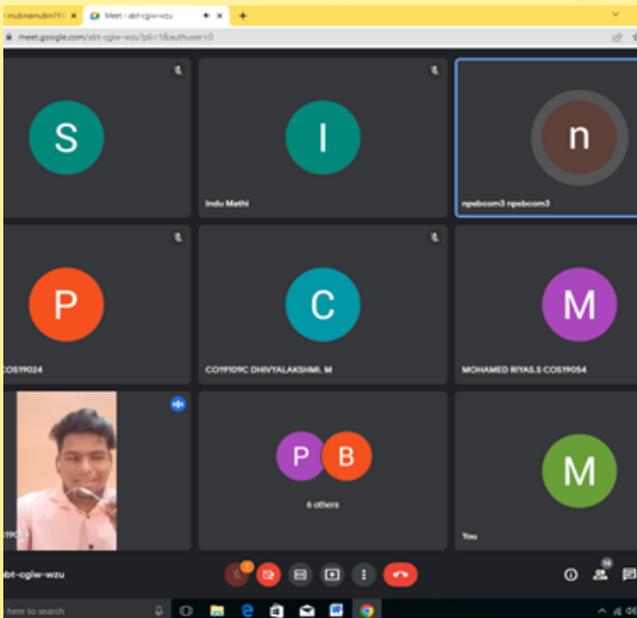
To involve in projects leading to high quality research, enhancing training and development opportunities, to develop a team of competent and qualified entrepreneurs. To prepare students for higher education in Commerce, Economics, Humanities and Business Studies.

COM GLIMPSE

NEWSLETTER

WORKSHOPS

**ONE DAY VIRTUAL WORKSHOP
ON “DIGITAL DETOX HOSTED
BY THE HCL, HELD ON 24TH
OCTOBER 2020.**



**ONE DAY ONLINE WORKSHOP
ON “HR ANALYTICS” HOSTED
BY MR. SANTHA KUMAR, HELD ON
18TH SEPTEMBER 2020.**

**ONE DAY VIRTUAL WORKSHOP ON
“OFFICE AUTOMATION” HOSTED
BY MR.VIMAL, HELD ON 19TH
MARCH 2021.**

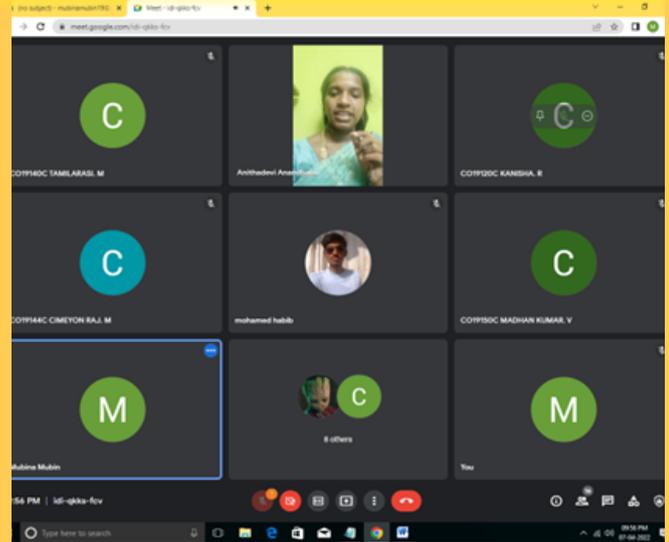


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NEWSLETTER

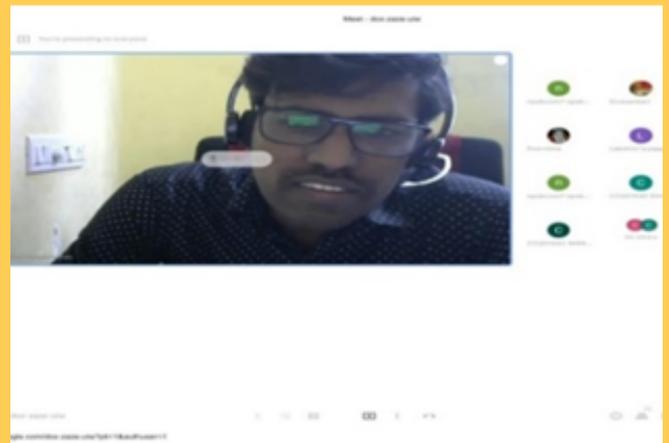
SEMINARS

ONE DAY WEBIAR ON “ART OF PUBLIC SPEAKING” HOSTED BY DR. R. BIRNDHA, HELD ON 18TH SEPTEMBER 2020.



ONE DAY WEBINAR ON “SELF ESTEEM BUILDING ACTIVITY” HOSTED BY DR. J. KANNAN, HELD ON 10TH NOVEMBER 2020.

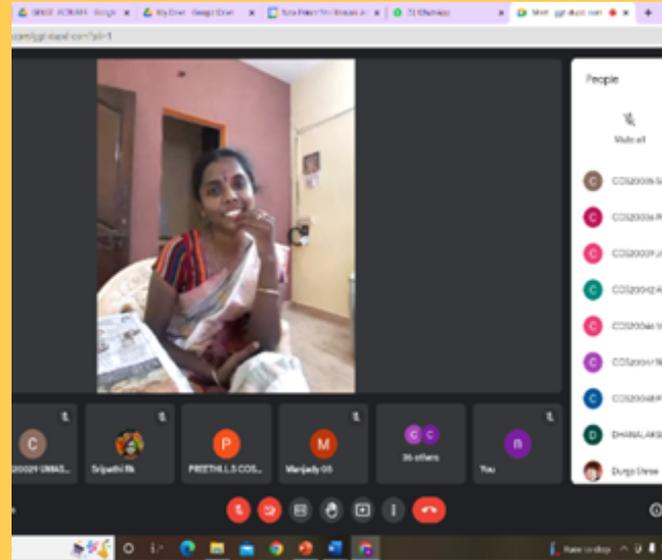
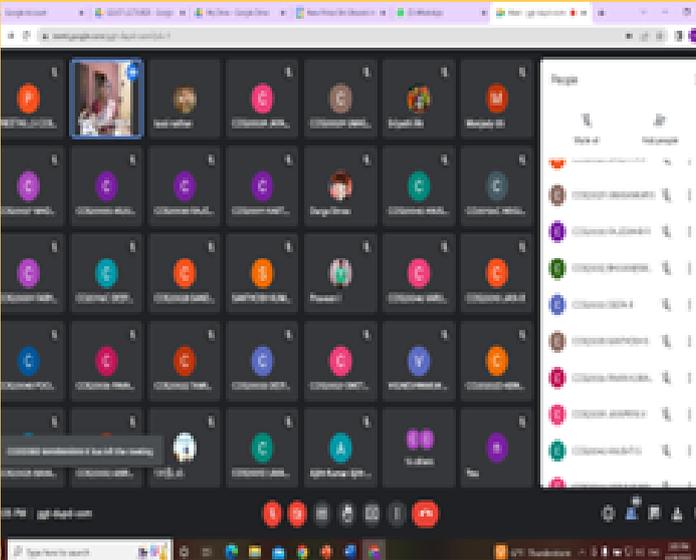
ONE DAY WEBINAR ON “IMPACT OF DIGITAL TRANSFORMATION” HOSTED BY MR. R. PRABHAKARAN, HELD ON 13TH FEBRUARY 2021.



COM GLIMPSE

NEWSLETTER

ALUMNI TALK



**ALUMNI TALK ON “PURSUE YOUR PASSION” FOR STUDENTS
DELIVERED
BY MRS. M. PRATHIBA, HELD ON 29TH AUGUST 2020.**

EXTENSION ACTIVITIES



**AS AN ESSENTIAL PART OF CURRICULUM, DEPARTMENT OF
COMMERCE ORGANIZED AN ‘COVID PROTOCOL’ AT MEDAVAKKAM,
SURROUNDINGS, ON 20TH NOVEMBER 2020.**

COM GLIMPSE

NEWSLETTER

PARENT TEACHERS MEETING



PARENT TEACHER MEETINGS IS AN OPPORTUNITY FOR THE STUDENTS AND THE TEACHER TO BUILD A POSITIVE RELATIONSHIP WHICH WAS HELD ON 20 FEBURARY 2021 AT 10 AM.

INTER & INTRA COMPETITION

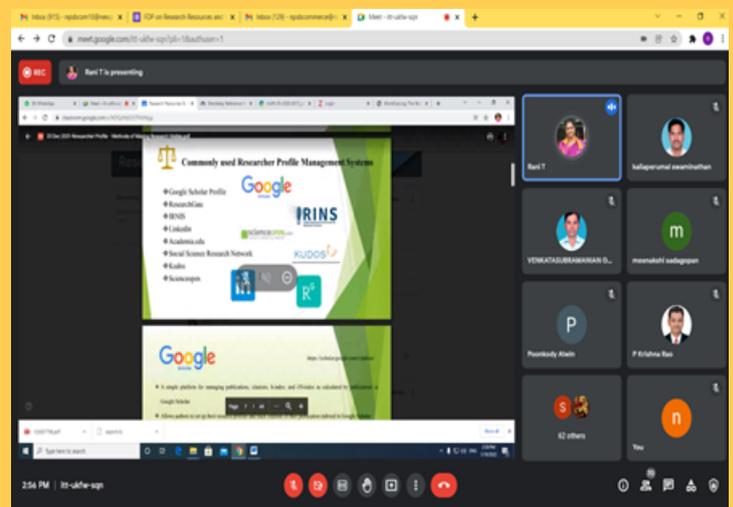
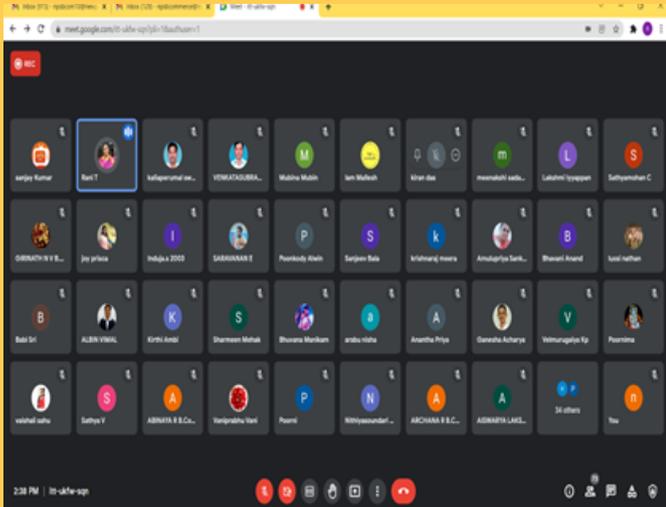


THE INTER COLLEGE COMPETITION "COMMERCIAL GALA 2021" WAS CONDUCTED ON 6TH MARCH 2021 AND INTRA DEPARTMENTAL COMPETITION "TALENT EXHIBITS 21" WAS HELD ON 29.10.20 & 18.03.21

COM GLIMPSE

NEWSLETTER

FACULTY DEVELOPMENT PROGRAMME



THE FACULTY DEVELOPMENT PROGRAMME WAS CONDUCTED BY THE RESOURCE PERSON MRS.RANI, SRM INSTITUTION OF SCIENCE AND TECHNOLOGY ON THE TOPIC “RESEARCH RESOURCES AND PRODUCTIVITY” ON 10-02-2021

PUBLICATION BY FACULTY MEMBER

- DR. VEERACHAMY HAS PUBLISHED A PAPER ON “THE CONSTRUCTIVE BRUNT OF ARTIFICIAL INTELLIGENCE AND ROBOTICS ON BUSINES AND EMPLOYMENT” DOGO RANGSANG RESEARCH JOURNAL 2020.
- G. MEENAKSHI PRIYADARSINI HAS PUBLISHED A PAPER ON “IMPACT OF CONSUMER PERCEPTION ON SOCIAL MEDIA MARKETING TECHNIQUES IN RURAL AREAS “ JOURNAL OF INFORMATION 2020.
- DR.R.UTHARA & DR.S.KABILAVATHANI HAVE PUBLISHED A PAPER ON “A STUDY ON EMPLOYEE MOTIVATION ON ORGANIZATION GROWTH IN PRINTING INDUSTRY” JOURNAL OF INFORMATION AND COMPUTATIONAL SCIENCE 2020.
- DR Y. SALINI HAS PUBLISHED A PAPER ON “AN OVERVIEW OF INTERNET BANKING – CASHLESS INDIA” PARISHODH JOURNAL 2020

COM GLIMPSE

NEWSLETTER

STUDENT ACHEIVEMENT



B.R. JANANI
II B.COM G
CORPORATE ACCOUNTING
APRIL 2020



T. KOUSLYA
II B.COM G
CORPORATE ACCOUNTING
APRIL 2020



J. MADHUMITHA
II B.COM G
BUSINESS STATISTICS
APRIL 2020



S. TAMILARASI
II B.COM G
BUSINESS STATISTICS
APRIL 2020

FACULTY AS A RESOURCE PERSON



**DR. R. VEERCHAMY INVITED AS A RESOURCE PERSON TO SPEAK
ON THE TOPIC "POVERTY IN INDIA" AT SAVITHA SCHOOL OF
LAW, SIMATS ON 10.02.2021**

COM GLIMPSE

NEWSLETTER

WORKSHOP AND CONFERENCES ATTENDED BY FACULTY

- ·MRS.KABILAVATHANI & MRS.I.LAKSHMI HAVE ATTENDED THE WEBINAR ON THE TOPIC" EFFECTIVE MANAGEMENT OF FINANCE DURING POST COVID-19" AT THE QUAIDE MILLETH COLLEGE MEN HELD ON 11TH JUNE 2020.
- ·MRS.KABILAVATHANI & MRS.I.LAKSHMI HAVE ATTENDED THE WEBINAR ON THE TOPIC" OLD VS NEW TAX REGIME FOR SALARIED PERSONNEL" AT ERDA HELD ON 30TH MAY 2020.
- ·MRS.K.MEERA HAD ATTENDED THE WEBINAR ON THE TOPIC" TOTAL QUALITY MANAGEMENT" AT ALGAPPA COLLEGE OF ARTS AND SCIENCE HELD ON 12TH JUNE 2020.
- ·MRS.K.MEERA HAD ATTENDED THE FDP ON THE TOPIC" E-PATHSALA ; A PLATFORM FOR ONLINE LEARNING"AT PRINCE SHRI VENKATESHWARA ARTS AND SCIENCE COLLEGE HELD ON 22TH JUNE 2020.
- ·MRS.G.MEENAKSHI PRIDHARSHINI HAD ATTENDED THE FDP ON THE TOPIC" DIGITAL TEACHING FOR DIGITAL LEARNERS" NILGIRI COLLEGE OF ARTS AND SCIENCE HELD ON 14TH MAY 2020.
- ·MRS.G.MEENAKSHI PRIDHARSHINI HAD ATTENDED THE WEBINAR ON THE TOPIC" GLOBAL BUSINESS SCENARIO" NILGIRI" AT THE QUAIDE MILLETH COLLEGE FOR MEN HELD ON JULY 2020.
- ·DR.R.VEERACHAMY HAD ATTENDED THE FDP ON THE TOPIC" IPR AND ITS TYPES" AT SHASUN JAIN COLLEGE FOR WOMEN FOR MEN HELD ON 27 MAY 2020.
- ·MRS.I.LAKSHMI HAD ATTENDED THE E-CONFERENCE ON THE TOPIC" RECENT TRENDS IN COMMERCE" AT HKBK DEGREE COLLEGE ON 19TH MARCH 2020.
- ·MRS.I.LAKSHMI HAD ATTENDED THE WEBINAR ON THE TOPIC" RECENT AMENDMENTS IN COMPANIES ACT 2013" AT NEW COLLEGE ON 27TH MAY 2020.
- ·MRS.I.LAKSHMI HAD ATTENDED THE WEBINAR ON THE TOPIC" ROLE OF ICT IN EDUCATION SECTOR AND ITS IMPACT OF STUDENTS, FACULTIES AND POLICY MAKERS" AT ST.JOSEPH CLLEGE OF ARTS AND SCIENCE ON 01ST JUNE 2020.
- ·MRS.I.LAKSHMI HAD ATTENDED THE FDP ON THE TOPIC" ROLE OF FACULTY IN MOULDING STUDENTS" AT HKBK DEGREE COLLEGE ON 24TH MAY 2020.
- ·MRS.I.LAKSHMI HAD ATTENDED THE WEBINAR ON THE TOPIC" MERGERS AND ACQUISITIONS" AT KRUPANIDHI DEGREE COLLEGE ON 26TH MAY 2020.
- ·MRS.I.LAKSHMI HAD ATTENDED THE WEBINAR ON THE TOPIC" THIRST FOR E-LEARNING" AT NOBLE COLLEGE OF ARTS AND SCIENCE ON 22TH JUNE 2020
- ·DR.S.GEJALAKSHMI HAD ATTENDED THE E-CONFERENCE ON THE TOPIC" THE IMPACT OF DIVIDEND POLICYON SHAREHOLDERS WEALTH: EVIDENCE FROM INDUSTRY AND TECHNOLOGY SECTOR" AT GOVERNMENT COLLEGE TRIPUNITHURA ON 17TH APRIL 2021.

COM GLIMPSE

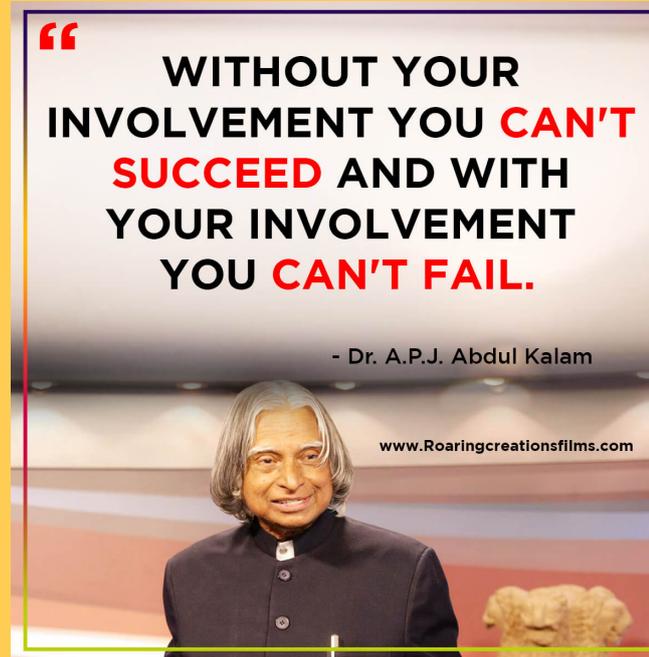
NEWSLETTER

- ·MRS.K.KUMARI HAD PARTICIPATED IN THE ONE DAY FDP ON THE TOPIC" HIGHER EDUCATION POST COVID- RANDOM THOUGHTS" AT ASAN MEMORIAL COLLEGE OF ARTS AND SCIENCE ON 11 JUNE 2020.
- ·MRS.K.KUMARI HAD PARTICIPATED IN THE WEBINAR ON THE TOPIC" IMPACT OF COVID -19 ON INDIAN INDUSTRIES -FUTURE PROSPECTIVE" AT SHRI KRISHNASWAMY COLLEGE FOR WOMEN ON 14 MAY 2020.
- ·MRS.K.KUMARI HAD PARTICIPATED IN THE ONE DAY FDP ON THE TOPIC" TEACHING PEDAGOGY AFTER COVID-19" AT BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH ON 15 MAY 2020.
- ·MRS.K.KUMARI HAD PARTICIPATED IN THE ONE DAY FDP ON THE TOPIC" MANAGING YOUR FINANCE AND INVESTMENTS DURING COVID - 19" AT VEL TECH HIGH TECH ON 27 MAY 2020.
- ·MRS.K.KUMARI HAD PARTICIPATED IN THE ONE DAY FDP ON THE TOPIC" SKILL DEVELOPMENT" AT VELS INSTITUTE OF SCIENCE TECHNOLOGY ON 31 MAY 2020.
- ·MRS.K.KUMARI HAD PARTICIPATED IN THE WEBINAR ON THE TOPIC" GREATNESS OF HUMAN BEING FOR PROFESSIONAL ENDEAVOURS" AT HOLY CROSS HOME SCIENCE COLLEGE ON 22 JUNE 2020.
- ·MRS.K.KUMARI HAD ATTENDED THE WEBINAR ON THE TOPIC UNDERSTANDING VFX INDUSTRY (5W'S OF VFX FUNDAMENTALS PIPELINE, PORTFOLIO SCOPE)" AT SRM INSTITUTE OF SCIENCE OF TECHNOLOGY ON 23 JUNE 2020.
- ·MRS.B.VENKATA SRILATHA HAD ATTENDED THE WEBINAR ON " NEW NORMAL" AT DRBCC HELD ON 5TH JUNE 2020.
- ·MRS.B.VENKATA SRILATHA HAD ATTENDED THE WEBINAR ON " MANAGEMENT IN POST COVID-TIMES" AT SRM INSTITUTE OF SCIENCE OF TECHNOLOGY HELD ON 14TH JULY 2020.
- ·MRS.B.VENKATA SRILATHA HAD ATTENDED THE WEBINAR ON " INNOVATIVE ENTERPRENEURSHIP" AT SRM INSTITUTE OF SCIENCE OF TECHNOLOGY HELD ON 20TH JULY 2020.
- ·MRS.B.VENKATA SRILATHA HAD ATTENDED THE WEBINAR ON " MARKETING IN THE DIGITAL WORLD" AT SRM INSTITUTE OF SCIENCE OF TECHNOLOGY HELD ON 21TH JULY 2020.
- ·MRS.B.VENKATA SRILATHA HAD ATTENDED THE WEBINAR ON " A GLOBAL ANALYSIS OF TOP RANKING COOPERATIVES" AT THE QUAIDE MILLETH COLLEGE FOR MEN HELD ON 28TH JULY 2020.
- ·DR.Y.SALINI HAD ATTENDED THE WEBINAR ON " INNOVATIVE HRM PRACTICES IN THE DIGITAL ERA" AT DR.MGR.EDUCATIONAL AND RESEARCH INSTITUTE HELD ON 20TH FEBRUARY 2021.
- ·DR.Y.SALINI HAD ATTENDED THE WEBINAR ON " GOVERNMENT SCHEMES FOR STARTUP AND QUALITIES TO BECOME A SUCCESSFUL ENTREPRENEUR" AT SRI KANYAKA PARAMESWARI ARTS AND SCIENCE COLLEGE FOR WOMEN HELD ON 20TH FEBRUARY 2021.

COM GLIMPSE

NEWSLETTER

- MRS.V.SATHYA HAD ATTENDED THE WEBINAR ON THE TOPIC "CAREER OPPORTUNITIES IN FINANCIAL SECTOR" AT RAJESWARI VEDACHALAM GOVERNMENT ARTS AND COLLEGE ON 22TH JULY 2020
- MRS.V.SATHYA HAD ATTENDED THE FDP ON THE TOPIC "RECENT TRENDS IN MANAGEMENT" AT GATES INSTITUTE OF TECHNOLOGY ON 13TH JULY 2020
- MRS.V.SATHYA HAD ATTENDED THE WEBINAR ON THE TOPIC "EFFECTIVE ONLINE TEACHING" AT GOVERNMENT ARTS AND COLLEGE ON 04TH AUGUST 2020



SOCIAL MEDIA:

FACEBOOK- TWITTER INSTAGRAM YOUTUBE



Department of Biochemistry
NEWSLETTER 2020 - 2021

The Department of Biochemistry is a trending research meticulous part of faculty of Biology. Since it was established in the year 1999, the Department has developed in various reputations for excellence in teaching and also in academic enhancement. Currently, the Department has full time academic staff members and undergraduate students are engaged in full time studies. Department is equipped with established laboratories located in grand division for various practical assessment. The Department offers undergraduate curriculum with practical aided knowledge to augment the students in wide exposure of modern biochemical techniques. The faculty of the Department also attends many faculty enrichment programs which help them to handle constantly changing technological trends. We provide a plethora of course focusing on different special aspects of Biochemistry. Our graduates hold good positions throughout in various Research laboratories, Hospital laboratories, Publication editors, Medical coders, Pharmaceutical companies and also as academic faculties.

VISION

- The discipline of biochemistry is a keystone for life Sciences
- Biochemistry will have a significant role in the improvement of quality of life.
- The progress in Biochemistry will lead to the growth of advanced technologies that are vital in the diagnosis as well as in the cure of metabolic and other cellular dysfunctions and in the management of infectious diseases.

MISSION

- Biochemistry is the study of the molecules that make up all living things. It is important to understand how biological organisms functions at the chemical level.
- It is inherently interdisciplinary in nature and fundamental to every other branch of the life and biomedical sciences. To educate students in fundamental knowledge of biochemistry, to create a positive impact on society and industry.

Overall events for the year
2020 - 2021

- ❖ **Virtual Workshop**
- ❖ **Webinar series**
- ❖ **Intra Departmental competition**
- ❖ **Inter Departmental competition**
- ❖ **Staff Editorial Member & Awards**
- ❖ **Staff membership**
- ❖ **Publications**
- ❖ **Staffs Activity**

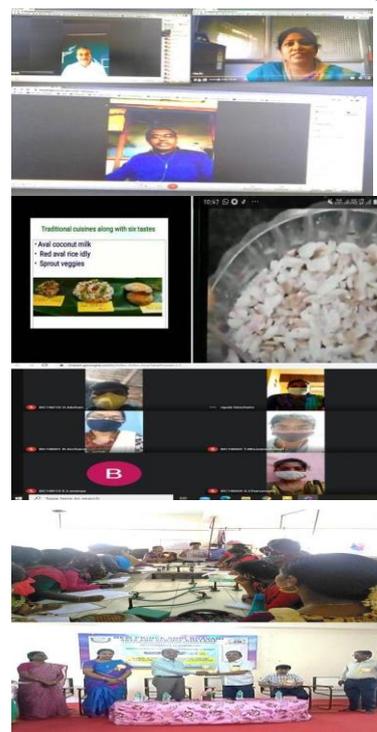
Association of Biochemistry

- ❖ Department Association called **“BIOFEAST”**
- ❖ In order to provide a platform for the students and faculty to present and share their ideas, thoughts and findings to conduct the events.



Online Workshop

- A One day virtual workshop on “How to Combat Covid 19 With A Mask” has been conducted on 27/06/2020, at New Prince Shri Bhavani Arts and Science College, Medavakkam.
- A One day virtual workshop on “Indian Ethnic Food – Cooking without fire” has been conducted on 07/06/2020, at New Prince Shri Bhavani Arts and Science College, Medavakkam.
- A One day workshop on “Clinical Investigation of Thyroid Stimulating Hormones by ELISA Techniques and Morphological Identification of Red blood cells” has been conducted on 11/03/2021, at New Prince Shri Bhavani Arts and Science College, Medavakkam.



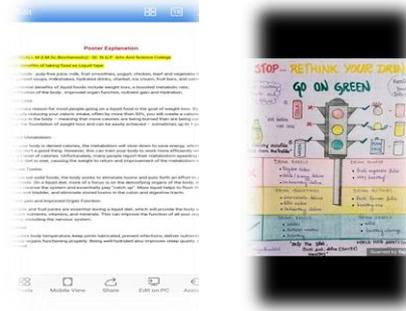
Webinar Series

- Department of Biochemistry conducted webinar series on “Covid – 19 Vaccination – Desire to Safer Destiny” by Dr.S.Asheeba, Assistant Professor from Asan Memorial College of Arts & Science on 03/05/2021.
- Department of Biochemistry conducted webinar series on “Bioinformatics & its Application” by Mrs.P.Meenatchi, Assistant Professor from Mohamed Sathak College of Arts & Science on 04/05/2021.
- Department of Biochemistry conducted webinar series on “Career opportunities for Life Science Graduates” by Dr.P.Jasmin Lena, Assistant Professor from Prince Shri Venkateshwara Arts & Science on 05/05/2021.
- Department of Biochemistry conducted webinar series on “Bioactive Compounds of Medicinal Plants – A boon to Mankind” by Mrs.S.Anupriya, Assistant Professor from Prince Shri Venkateshwara Arts & Science on 06/05/2021



Intra - Departmental Competition

- The Department of Biochemistry conducted online Intra-departmental competition like e-Poster Presentation on 26th may 2020. The students were actively participated and won prizes.
- The Department of Biochemistry conducted online Intra-departmental competition like e-Quiz on 17/06/2020. The students were actively participated and won prizes.



Inter - Departmental Competition

- The Department of Biochemistry conducted online Intercollege competition and conducted events like e-Poster Presentation, e-Quiz on 24/02/2021. All the students were actively participated and won many prizes.



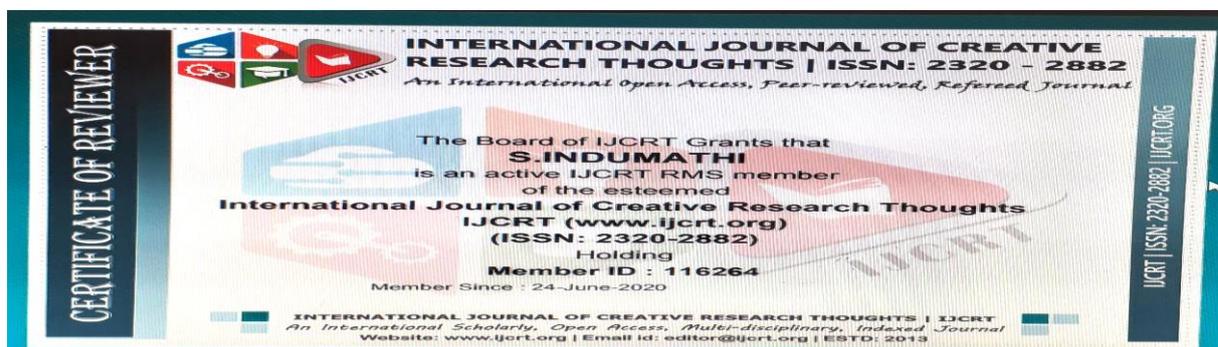
Editorial Member & Awards

- Mrs.K.Shoba received **International E.V.Periyar Award** for Modern Curriculam on 15/5/2020
- Mrs.K.Shoba received **Best Faculty Award** from Nature Science Foundation in the year 2020-2021.
- Dr.S.Indumathi selected as **Advisory Board Member** in World Journal of Pharmacy and Pharmaceutical Science on March 30th 2020.
- Dr.S.Indumathi selected as **Editorial Board Member** in International Research Journal of Pharmacy on August 22nd 2020
- Dr.S.Indumathi awarded as **Young Scientist Award** from VDGGOOD Professional Association on 10th April 2021.
- Dr.A.Sivasakthi received **International E.V.Periyar Award** for Modern Curriculam on 15/5/2020.
- Dr.A.Sivasakthi received **“Best Paper Presentation Award”** at the National Level Symposium Organised by Department of Biotechnology at Dr.M.G.R University on 16/12/2020.



Membership

- Dr.S.Indumathi Selected as one of the **MEMBER** in International Journal of Creative Research thoughts on 24/6/2020. Membership ID: 116264



Publication

1. Dr.S.M.Fazeela Mahaboob Begum, S.Hemalatha Gelidiella acerosa compounds targets NFKB cascade in lung adenocarcinoma. Applied Biochemistry and Applied Biotechnology, 2020 DOI: 10.1007/S12010-021-03761-Z.



Staffs Activity

S.NO	STAFF NAME	DATE	EVENT/ FDP/ WORKSHOP/ SEMINAR	TOPIC	VENUE/ORGANIZER
1	Dr.S.M.Fazeela Mahaboob Begum	20/04/2020 to 06/05/2020	FDP	Managing Online Classes And Co-Creating MOOCS	Ramanujan College University, Delhi
2	Dr.A.Sivasakthi	09/05/2020	Webinar	Medicinal Plants- The potential Therapeutic Source	Ethiraj College for Women, Chennai
3	Dr.S.Indumathi	11/05/2020	FDP	Higher Education Post Covid- Random Thoughts	Asan Memorial College of Arts & Science, Chennai
4	Dr.S.Indumathi	14/05/2020	FDP	Digital Teaching for Digital Learners	Nilgiri College of Arts & Science, Nilgiris
12	Mrs.K.Shoba	09/06/2020 To 11/06/2020	Workshop	Analytical Techniques in current Scenario	SIVET College, Chennai
14	Dr.A.Sivasakthi	02/07/2020	Webinar	Insights on role of microRNA's in Immunity	Mahalakshmi Women's College of Arts & Science, Chennai
13	Mrs.K.Shoba	23/06/2020 To 24/06/2020	FDP	Understanding Pedagogy and Research Output	Sengamala Thayar Educational Trust women's College, Mannargudi