



**DBT STAR COLLEGE SCHEME**



**Program Completion Report (2022-2023)**

**I. ORIENTATION PROGRAM**

S.No	Organizing Department	Program Topic	Seminar/Workshop/ Guest lecture/FDP/ Extension Activity	Date	Beneficiaries	Program Outcome
1.	All Star Departments	Diagnostic Test for IUG students	Diagnostic Test	29.07.2022	203 students	<ul style="list-style-type: none"><li>The knowledge level of the Students were assessed through diagnostic test. The faculty members were able to measure students' understanding of a subject area or skill base through these kind of Pre-assessment Test for curriculum planning.</li></ul>
2.	All Star Departments	<b>Ms.Meera Natarajan</b> Educator, Mentor and NLP Trainer Founder –Students Success Hub, Pune Pune	Students Orientation Programme on <b>“Leading your way to Achievement”</b>	20.10.2022	400 students	<ul style="list-style-type: none"><li>The Resource Person gave an enthralling Speech and motivated students to shine in their life with Dedication and Hardwork.</li><li>She revealed novel ideas as pointers for being a star and smart student. She also insisted students to knock big doors and be a lifelong learner.</li></ul>

3.	Biotechnology	<b>Mr.C.Venkatesh</b> Impact Trainer, Coimbatore.	Special Comprehensive Session on ' <b>Aspire to Inspire</b> '	23.09.2022	B.Sc & M.Sc Biotechnology Students (155)	<ul style="list-style-type: none"> <li>The students gained exposure to enhance their Skillsets</li> </ul>
4.	Mathematics & Physics	<b>Jc.A.Dhanavel, Founder</b> - Head Coach, GurU+ Transformation Centre, Tuition Training Counselling, Erode.  <b>Capt. Dr.P.Gowthaman</b> Associate Professor of Electronics, Erode Arts and Science College, Erode	Ramanujan Association Inauguration cum Orientation	18.08.2022	164 students (117 Mathematics students+47 Physics students)	<p>The Programme motivated the students</p> <ul style="list-style-type: none"> <li>To have a successful beginning in the College Education</li> <li>To imbibe behavioral skills</li> <li>To cultivate a strong team spirit</li> <li>To gain an overview about higher studies and competitive examinations</li> </ul>
5.	Computer Science	<b>Prabaath Kumar R</b> HR Manager, TechnoMagics, Bangalore	Orientation Programme on ' <b>Emerging Career Opportunities and Challenges in IT</b> '	16.08.2022 (FN)	All Students of Computer Science and First Year Computer Science with Data Analytics Students (395)	<ul style="list-style-type: none"> <li>This programme fostered the students about Online Learning and to explore Opportunities available in IT sectors and also made the students to design the Web sites in effective manner.</li> </ul>
		<b>Guhanraja CM</b> Lead Software Engineer, TechnoMagics, Bangalore	Orientation Programme on ' <b>Opportunities in Web Development</b> '	16.08.2022 (AN)		
6.	Mathematics	<b>Ms.M.Umahesh &amp; Team</b> Erode Manavalakkalai mandram, Erode	Orientation Programme on ' <b>Yoga Programme Rest &amp; Reset</b> '	07.03.2023	B.Sc Mathematics Students (50)	<ul style="list-style-type: none"> <li>The Programme helped to improve physical and mental strength of the students.</li> </ul>

## II. SEMINAR/CONFERENCES ORGANISED

S.No	Organizing Department	Resource Persons	Program Topic	Date	Beneficiaries	Program Outcome
1.	DBT Star Departments	<p><b>Resource Person:</b>  <b>Mr.S. Francis</b>                      Senior Accounts Officer,                      Ministry of Finance,                      Govt. of India PFMS,                      New Delhi.</p> <p><b>Dr.S. Mehalingham</b>                      PFMS Nodal Officer,                      V.H.N.Senthikumara Nadar                      College,                      (Autonomous),                      Virudhunagar</p>	Two day workshop on “ <b>EAT,CNA &amp; SNA in PFMS E – Governance</b> ”	06.10.2022 and 07.10.2022	Faculty Members (50)	<ul style="list-style-type: none"> <li>Faculty members gained knowledge about the Purpose of PFMS and learnt the process and Procedures in operating PFMS.</li> </ul>

## III. GUEST LECTURES

S.No	Organizing Department	Resource Persons	Program Topic	Date	Beneficiaries	Program Outcome
1.	Biotechnology	<p><b>Dr.B.Balamuralikrishnan</b>                      Assistant Professor                      Department of Food Science                      and Biotechnology                      College of Life Sciences,                      Sejong University                      Seoul, South Korea.</p>	Special Plenary Session in ‘ <b>Livestock Agricultural Science: Influences of Feed Additives in Livestock Industry</b> ’	28.07.2022	B.Sc Biotechnology Students (138)	<ul style="list-style-type: none"> <li>The students gained knowledge on different types of feed additives used in livestock industry.</li> </ul>

2.	Biochemistry	<b>Dr. Prasanth Manohar</b> Research Scientist (NIH-NIGMS) Center for Phage technology (CPT) Department of Biochemistry and Biophysics Texas A & M University, USA	Special Lecture on <b>‘Viruses that could save millions of Lives - Antibiotics to Antibiotic Resistance and Phage therapy’</b>	06.09.2022	Biochemistry Students (96)	<ul style="list-style-type: none"> <li>• The students gained an insight about the latest researches in the field of phage therapy and how possibly it can offer a solution to the crisis of antibiotic-resistant infections and superbugs.</li> </ul>
3.	Physics	<b>Dr. P. Dhanasekaran,</b> Assistant Professor of Physics, School of Distance Education, Bharathiar University, Coimbatore	Guest Lecture on <b>‘Polymorphism in Material Science’</b>	23.09.2022	Physics Students (60)	<ul style="list-style-type: none"> <li>• The students understood the concepts on polymorphism in material science and their application in various fields like agriculture, dyeing, pharmaceutical along with crystalline properties and their analysis using recent techniques</li> </ul>
4.	Mathematics	<b>Ms.N.Bharathipriya</b> Cognizant Technology Solution (CTS), C3 – Chil SEZ Saravanampatti, Coimbatore - 641 035	<b>Interaction Programme</b>	14.10.2023	Mathematics Students (54)	<ul style="list-style-type: none"> <li>• The Students gained new ideas regarding Career development</li> </ul>
5.	Mathematics	<b>Dr.G.Nagamani</b> Assistant Professor Department of Mathematics The Gandhigram Rural Institute (Deemed to be University), Gandhigram, Dindigul	Guest Lecture on <b>‘Motivation Towards Research in Mathematics’</b>	14.10.2023	Mathematics Students (40)	<ul style="list-style-type: none"> <li>• The Students were enlightened about Research in this field.</li> </ul>

6.	Mathematics	<b>Mr.P.V.Vishwanath</b> Internship at STUNITED COMMUNITY Interest Company, University of Greenwich Campus, Old Royal Navel College, Park Row London-	Guest Lecture on <b>'Higher Studies in Abroad'</b>	19.10.2022	Mathematics Students (54)	<ul style="list-style-type: none"> <li>The lecture created interest in students to do higher studies abroad</li> </ul>
7.	Mathematics	<b>Dr.V.Parthiban</b> Assistant Professor-Grade 2 VIT University Chennai	Guest Lecture on <b>'Applications of Laplace Transforms'</b>	28.10.2022	Mathematics Students (33)	<ul style="list-style-type: none"> <li>The program helped the students to solve Ordinary and Partial Differential Equations using Laplace Transforms</li> </ul>
8.	Mathematics	<b>Prof.T.P.Saravanan &amp; Dr.R.Maheswari</b> Kongu Engineering College (Autonomous), Perundurai	Guest Lecture on <b>'Improving Ourselves'</b>	27.12.2022	III B.Sc Mathematics Students (54)	<ul style="list-style-type: none"> <li>The students improved and developed specific skills, behavior and strong team work.</li> </ul>
9.	Mathematics	<b>Mr.J.Thangavel Raj</b> Corporate Trainer Profile Trace Erode.	Guest Lecture on <b>'Empowerment Programme'</b>	30.12.2022	I & II B.Sc Mathematics Students (48)	<ul style="list-style-type: none"> <li>The program assisted the students to enhance self-empowerment and social empowerment of the students through individual action, leadership qualities and mutual empowerment.</li> </ul>
10.	Mathematics	<b>Dr.J.Kannan</b> Assistant Professor and Research Supervisor Department of Mathematics Ayya Nadar Janaki Ammal College, Sivakasi	<b>National Mathematics Day Ramanujan : A Wizard of Intuition</b>	02.01.2023	Mathematics students (142)	<ul style="list-style-type: none"> <li>The students exhibited their talents through competitions and got exposed to the history of Ramanujan's Work</li> </ul>
11.	Computer Science	<b>Mr.S.Suganesh,</b> Business Analyst, Robosoft Technology, Udupi, Karnataka.	Alumni Interaction Programme on <b>'Self Management – Cross Culture - Communication and Corporate Culture'</b>	07.01.2023	Final Year Computer Science Students(111)	<ul style="list-style-type: none"> <li>Alumni Interaction Programme assisted the students to learn about cross cultural differences and how to deal with different business customs, beliefs and communication strategies.</li> </ul>

12.	Biotechnology	<b>Dr. K. Ashok Kumar,</b> Associate Professor, Department of Biotechnology, Vels Institute of Science, Technology and Advanced Studies, Chennai.	Special lecture on ' <b>Recent Advances in Medical Oncology Therapy and Treatments</b> '	17.02.2023	B.Sc., & M.Sc Biotechnology Students (106)	<ul style="list-style-type: none"> <li>The Students comprehended the various procedures and recent therapies that are followed for the cancer treatment patients.</li> </ul>
13.	Computer Science	<b>Mr. T.Prabakaran</b> Regional Manager, LiveWire, Chennai	One Day Seminar on ' <b>Industry 4.0</b> '	17.02.2023	Final Year Computer Science Students (80)	<ul style="list-style-type: none"> <li>This Seminar focused on the impact of transition to Fourth Industrial Revolution.</li> <li>Students were benefited with innovative ideas, methodologies that processes to latest smart technology.</li> </ul>
14.	Physics	<b>Dr. K.Sakthipandi,</b> Professor and Research Coordinator, SRM TRP Engineering College, Tiruchirappalli	Guest Lecture on ' <b>Nanoscience – Scope and Career Opportunities</b> '	03.03.2023	Physics Students (44)	<ul style="list-style-type: none"> <li>The session covered Synthesis, Properties and various day to day applications of Nanoscience.</li> <li>The lecture also focused on employment options and recent breakthroughs in research related to this field.</li> </ul>

#### IV. ACADEMIA INDUSTRY INTERFACE PROGRAM

S.No	Organizing Department	Resource Persons	Program Topic	Date	Beneficiaries	Program Outcome
1.	Computer Science	<b>Mr.S.Boobalan</b> Animation Head and Manager, DreamZone School of Creative Studies, India (division of CADD centre training services PVT Ltd) Chennai.	Academy -Industry Interface Programme on ' <b>Career Guidance for Web Designing</b> '	12.08.2022	Final Year Computer Science Students (111)	<ul style="list-style-type: none"> <li>This Guest Lecture enabled the students to use their skills, knowledge and abilities to develop web sites and also teach how to Effectively manage</li> </ul>

						website projects using available resources.
2.	Biochemistry	<b>Mr. V.P.S.Radhakrishnan,</b> Managing Director, M/s Angel Starch and Food Pvt Ltd, Erode	Academy -Industry Interface Programme on “ <b>Career Prospects of Biochemistry in Food Industry</b> ” and <b>signing of MoU</b>	14.09.2022	Biochemistry Students (100)	<ul style="list-style-type: none"> <li>•The students gained an insight about the value added Food Products made from Starches for Textile, Packaging, Paper and Food Industries.</li> </ul>
3.	Biochemistry in association with Institution Innovation Council & Entrepreneurial Development Cell	<b>Dr.D.Muthu</b> MD Primas Bioscience Pvt.Ltd Chennai	Academy -Industry Interface Programme on ‘ <b>Cyber Security – Information Security : Trends and Predictions</b> ’	26.10.2022	Biochemistry Students (100)	<ul style="list-style-type: none"> <li>•The programme motivated students to get updated on recent trends in biological field and gave an insight on the new and sustainable technology available for the products used in nutraceutical and pharmaceutical industries.</li> </ul>
4.	Computer Science	<b>Mr.S.Boobalan</b> Animation Head and Manager, DreamZone School of Creative Studies, India (division of CADD centre training services PVT Ltd) Chennai	Academic Industry Interface Programme on ‘ <b>Career Guidance for Web Designing</b> ’	12.08.2022	Final Year Computer Science Students (111)	<ul style="list-style-type: none"> <li>•This Guest Lecture enabled the students to use their skills, knowledge and abilities to develop web sites and also teach how to Effectively manage website projects using available resources.</li> </ul>
5.	Computer Science	<b>Mr.S.Banu Chandar,</b> Founder of Adrinom Infotech, Erode.	Academy -Industry Interface Programme on ‘ <b>Guidance on Project Development</b> ’	30.12.2022	Final Year Computer Science Students (110)	<ul style="list-style-type: none"> <li>•Students were given guidance to organize, plan and develop projects effectively.</li> </ul>

6.	Computer Science	<b>Ms.P.Nathiya and Mr.V.Naresh,</b> Trainers, Browzone Infotech, Erode.	Academy -Industry Interface Programme on ' <b>Life Cycle Models in Project Development</b>	03.01.2023	Students of Final Year Computer Science Students (114)	<ul style="list-style-type: none"> <li>• This Guest Lecture provided a structured approach to the students about delivery of the project.</li> </ul>
7.	Computer Science	<b>Ms.P.Revathi,</b> Digital Marketing Executive, IPCS Global Solutions Pvt Ltd, Erode	Academy -Industry Interface Programme on ' <b>Digital Marketing</b> '	27.01.2023	Final Year Computer Science Students (93)	<ul style="list-style-type: none"> <li>• The students explored about different digital marketing tools to improve businesses value propositions to customers and improve their overall competitiveness.</li> </ul>
8.	Computer Science	<b>Mr.S.Boopathi,</b> Network Engineer, Extol Tech Solutions, Erode	Academy -Industry Interface Programme on ' <b>Computer Networking</b> '	23.02.2023	Final Year Computer Science Students (90)	<ul style="list-style-type: none"> <li>• This programme made the Students to understand the fundamental concepts of Computer Networking such as Routing, Topologies, Protocols, Addressing and Layers of OSI and TCP/IP model.</li> </ul>
9.	Mathematics	<b>Mr.S.Ravi Sreyas</b> Software Developer ApexGrad Team Coimbatore	Academy -Industry Interface Programme on ' <b>Exploring the connection between Mathematics and Software: Unlocking the career oppurtunities</b>	06.03.2023	Final year B.Sc Mathematics Students (54)	<ul style="list-style-type: none"> <li>• The students were motivated to develop techniques and come out with new ideas and scientific break throughs</li> </ul>
10.	Physics	<b>Ms. Sowmiya Santhanam,</b> Founder and CEO, Seventh Sense School of Robotics, Erode	Academy -Industry Interface Programme on ' <b>Robotics</b> '	10.03.2023	Physics students (44)	<ul style="list-style-type: none"> <li>• Students were enlightened with the knowledge on program codings, Artificial Intelligence</li> </ul>



						of robotics. <ul style="list-style-type: none"> <li>Working Robot model was displayed and the functioning of robotics was elaborated</li> </ul>
--	--	--	--	--	--	--

## V. INTER DISCIPLINARY ACTIVITIES

S.No	Organizing Department	Resource Persons	Program Topic	Date	Beneficiaries	Program Outcome
1.	Biochemistry	<b>Dr.Anupma Harshal</b> Superheroes against superbug fellow Consultant, Women in STEM, Science Communication and Public Engagement to the Government of India Mumbai	Workshop on <b>Foldscope and its Applications</b>	29.12.2022	Biochemistry and Biotechnology students (110 )	<ul style="list-style-type: none"> <li>The students were guided to assemble the foldscope and observe the slides.</li> <li>The Students actively participated in the workshop and enjoyed learning the science behind it in a creative way.</li> <li>Over 100 foldscopes were assembled and more than 200 slides were observed using the foldscopes.</li> </ul>
2.	Mathematics	<b>Dr.M Sambath,</b> Assistant Professor, Department of Mathematics Periyar University, Salem	Skill Development Training on <b>'Mathematical Biology'</b>	24.01.2023	Mathematics and Physics Students (91)	<ul style="list-style-type: none"> <li>The Program enabled students to understand the importance of discipline specific research techniques, analyze and interpret data and scientific literature, Synthesize data and draw appropriate inferences.</li> </ul>

3.	Mathematics	<b>Ms.S.Savitha</b> Cactus Communications Mumbai	Workshop on <b>‘Writing and Publishing original research articles’</b>	26.01.2023- 30.01.2023	One Faculty member and 60 final year BBA(CA) students	<ul style="list-style-type: none"> <li>The students acquired skills in writing and publishing research articles</li> </ul>
4.	Biochemistry	<b>Ms.N.Shaobana (Alumni)</b> Industrial Cooperative Officer, Department of Industries and Commerce, Govt. of Tamilnadu, Chennai	Special Lecture on <b>‘Preparation for Competitive Examinations and Career Guidance in Biochemistry’</b>	06.03.2023	Biochemistry and Biotechnology Students (140)	<ul style="list-style-type: none"> <li>The programme helped students to acquire the knowledge, skills, and information necessary to explore various career options in Biochemistry</li> </ul>

## VI. WORKHOP / HANDS ON TRAINING

S.No	Organizing Department	Resource Persons	Program Topic	Date	Beneficiaries	Program Outcome
1.	Computer Science	<b>Mr.T.Manikandan</b> Proprietor, Sridharan Infotech, Erode	Three – Days Hands on Training cum Workshop on Computer Hardware and Networking	17.10.2022 to 19.10.2022	170 students of I year BSc Computer Science and I BSc Computer Science with Data Analytics Students	<ul style="list-style-type: none"> <li>Students were trained on Connectivity between computers, Software and Hardware issues of a System, and Technical issues in networking.</li> </ul>
2.	Mathematics	<b>Dr.A.Sebastian Selvaraj</b> Assistant Professor Govt. Arts and Science College, Vedasandur, Dindigul	<b>Technical Documentation in Mathematics</b>	27.10.2023- 28.10.2023	B.Sc and M.Sc Mathematics Students (94)	<ul style="list-style-type: none"> <li>The students were introduced with the open source type setting tool LaTeX for high-quality scientific documents containing Mathematical formulae.</li> </ul>

3.	Physics	Trainer <b>Mr.A.Kalaimani, Thilagavathi</b> Electronics, Erode	Skill Development Training on <b>'Design and Do'</b>	31.10.2022	Physics Students (40)	<ul style="list-style-type: none"> <li>Students acquired the Hands on experience on Printed circuit Board soldering and fabrication of simple circuits in PCB</li> </ul>
4.	Computer Science	<b>Ms.R.Thamayanthri and Mr.R.Puhazhenth</b> , Technical Engineers & Trainers, Livewire, Erode.	Hands on Training cum Workshop on <b>'Python Programming'</b>	26.12.2022 to 28.12.2022	Final Year Computer Science Students (158)	<ul style="list-style-type: none"> <li>The students were guided to explore how to work with Python in effective manner.</li> </ul>
5.	Physics	<b>Technical Trainers from Mighty Electronics Equipments Corporation,</b> Coimbatore	Skill Development Training on <b>'Arduino IDE and Sensors'</b>	04.01.2023	Physics students (27)	<ul style="list-style-type: none"> <li>Students acquired knowledge on Arduino IDE &amp; Sensors</li> <li>Also, it supports the students for doing their project</li> </ul>
6.	Computer Science	<b>Mr.Jeeva K, and Mr.Vadivelmurugan A,</b> Software Engineers, RubRich Research, Coimbatore	Hands on Training cum Workshop on <b>'IoT and its Applications'</b>	10.01.2023 & 11.01.2023	Final Year Computer Science Students (115)	<ul style="list-style-type: none"> <li>Students were trained to develop the IOT applications and they explored knowledge about IOT devices and sensors.</li> </ul>
7.	Mathematics	<b>Mr.S.Ganesh</b> National ICT Awardee Graduate Teacher(BT) Thiruvarur	Workshop on <b>'Graspable Math'</b>	09.02.2023	I & II B.Sc Mathematics Students (48)	<ul style="list-style-type: none"> <li>The workshop focused on the techniques of drawing 2D &amp; 3D graphs using Mathematical tools</li> </ul>

8.	Biotechnology	<b>Dr.V.S.Pragadheesh,</b> Scientist, CSIR- Central Institute of Medicinal and Aromatic Plants, Bengaluru	Special Talk cum Workshop on “ <b>Chromatographic Techniques</b> ”	15.02.2023	I B.Sc.,& I M.Sc Biotechnology Students ()	<ul style="list-style-type: none"> <li>The students gained knowledge on separation of compounds by using Chromatographic Techniques.</li> </ul>
9.	Physics	<b>Trainers</b> New Technology, Coimbatore	Skill Development Training on ‘ <b>Fixing Mobile phone issues</b> ’	16.02.2023 & 17.02.2023	Physics Students (34)	<ul style="list-style-type: none"> <li>Students of various departments participated in the workshop and acquired skills on trouble shooting over various issues associated with the mobile phone</li> </ul>
10.	Biotechnology	<b>Dr.C.Kanagaraj,</b> Director, Methion Biotech Private Limited, Rathinam Techzone, Coimbatore	Workshop on “ <b>Downstream Processing</b> ”	21.02.2023 & 22.02.2023	III B.Sc & I M.Sc Biotechnology Students (59)	<ul style="list-style-type: none"> <li>The Resource Person demonstrated Fermentor techniques and encouraged the students to share their views on SDS PAGE and Fermentor and provided us with extensive knowledge on the subject. He stressed the scope and uses of PCR and technology transfer and recent advances in the field of biotechnology.</li> </ul>
11.	Mathematics	<b>Dr.Syed Ali</b> Assistant Professor Department of Mathematics Thiruvallore University, Vellore.	Workshop on ‘ <b>Cryptography</b> ’	24.02.2023	III B.Sc & M.Sc Mathematics Students (94)	<ul style="list-style-type: none"> <li>The students learnt the fundamentals of Cryptography and how to design a network security</li> </ul>

						system
12.	Mathematics	<b>Mr.N.Loganathan</b> Managing Director Mullai Academy, Karur	Workshop on <b>‘Problem Solving and Critical Thinking’</b>	21.02.2023	II B.Sc & M.Sc Mathematics Students (73)	<p>The Program enabled students</p> <ul style="list-style-type: none"> <li>to create opportunities and space for the development of talents</li> <li>To think clearly and rationally by understanding the logical connection between ideas</li> </ul>
13.	Biochemistry	<b>Ms. V.Keerthana</b> TANSCHE – Junior Research Fellow Bharathiar University Coimbatore	Two Day Workshop on <b>‘Molecular Techniques’</b>	23.02.2023 - 24.02.2023	II B.Sc and III B.Sc Biochemistry students (55)	<ul style="list-style-type: none"> <li>The students gained hands-on experience on techniques such as genomic DNA isolation, quantification, Protein extraction, Agarose and SDS PAGE electrophoresis.</li> </ul>
14.	Biochemistry	<b>Mr.R.Muthuswami,</b> Technical consultant, Bioexplora, Bengaluru	Two Day Workshop on <b>‘Cheminformatics’</b>	02.03.2023 to 03.03.2023	III B.Sc and I M.Sc Biochemistry students (50)	<ul style="list-style-type: none"> <li>Students learnt how molecules are represented on computers, and how PubChem can be used to learn some basic coding to access information of chemical compounds</li> </ul>

## VII. FACULTY DEVELOPMENT PROGRAM

### (A). ORGANISED

S.No	Organizers	Resource Persons	Program Topic	Date	Beneficiaries	Program Outcome
1.	Biotechnology	<b>Dr.K.S.Sowmiya Rani</b> , Editor, Editage (Cactus Communications) Founder, Sowmis_AWW	Faculty Development Programme on ' <b>Deciphering Manuscript Writing</b> '	04.01.2023	Faculty Members of all Departments (205)	<ul style="list-style-type: none"> <li>The participants were able to gain a better understanding of the process of writing a research paper and the various methods that can be used to achieve success.</li> </ul>
2.	Mathematics	<b>Mr.S.Ganesh</b> National ICT Awardee Graduate Teacher(BT) Thiruvarur	Faculty Development Programme on ' <b>Mathematical Tools</b> '	10.02.2023	PG Assistants from Erode District Govt. school Mathematics Teachers (45)	<ul style="list-style-type: none"> <li>The students were able to prepare Models for Teaching Maths in a playful way</li> </ul>

### (B) ATTENDED

S.No	Faculty Attended	Program Topic	Certificate Course/FDP /Workshop	Date	Organisers	Program Outcome
1.	<b>Mr.G.Karthikeyan</b> <b>Mr.T.G.Nagulan</b> Faculty, Biochemistry Department	Two Day Workshop on <b>Volatilomics</b>	Workshop	19.05.2022 & 20.05.2022	Tamilnadu Agricultural University, Coimbatore	<ul style="list-style-type: none"> <li>Acquired knowledge on techniques and tools employed for characterisation of Volatile compounds from plants viz flowers and fruits and its application in medical, agricultural, flavor,</li> </ul>

						and fragrance industry,
2.	<b>Ms. E.Rani</b> Junior Assistant	Workshop on <b>‘PFMS EAT, TSA, CNA, SNA, ZBSA</b>	Workshop	19.05.2022 & 20.05.2022	Padmavathy Arts and Science College Salem	<ul style="list-style-type: none"> <li>• Got trained in various aspects of PFMS –EAT, CNA and SNA module</li> <li>• And also learnt Dos and Donts in operating PFMS System</li> </ul>
3.	<b>Dr.R.Pushpalatha</b> Faculty Computer Science Department	30 Days Master Class on <b>“Data Science”</b>	Seminar	13.06.2022- 16.07.2022	Pantach Prolabs India Pvt Ltd	<ul style="list-style-type: none"> <li>• Acquired knowledge in making better business decisions and mitigating risk and fraud.</li> </ul>
4.	<b>Dr.R.Pushpalatha</b> Faculty Computer Science Department	30 Days Master Class on <b>“Electric Vehicle Design”</b>	Seminar	20.6.2022- 19.07.2022	Pantach e learning Pvt Ltd,Chennai.	<ul style="list-style-type: none"> <li>• Gained Knowledge on Electric Vehicle Design. It is more efficient .It reduces the cost of fuels.</li> </ul>
5.	<b>Dr.R.Pushpalatha</b> Faculty Computer Science Department	30 Days Master Class on <b>“Digital Marketing”</b>	Seminar	30.6.2022- 18.8.2022	Pantach Prolabs India Pvt Ltd	<ul style="list-style-type: none"> <li>• Obtained ideas about marketing in social media and beyond. It provides consumer awareness.</li> </ul>
6.	<b>Dr.R.Pushpalatha</b> Faculty Computer Science Department	30 Days Master Class on <b>“Python Full Stack”</b>	Seminar	11.07.2022- 12.08.2002	Pantach Prolabs India Pvt Ltd, Chennai	<ul style="list-style-type: none"> <li>• Gained Knowledge on back-end developer such as working with logic, databases and designing a comprehensive web application</li> </ul>
7.	<b>K.Vivekanandhan</b> Faculty Biotechnology Department	Faculty Development Programme on “ <b>Futuristic Interventions in Biotechnology; The RoadMap Ahead”</b>	FDP	04.07.2022 – 08.07.2022	Amity Institute of Biotechnology, Amity University, Chattisgarh	<ul style="list-style-type: none"> <li>• Acquired knowledge on new techniques and inventions in biotechnology</li> </ul>
8.	<b>Dr.D.Gopinath</b> Faculty Computer Science Department	FDP on <b>Digital Marketing</b>	FDP	13.07.2022 - 15.07.2022	Infosys BPM Ltd, Mysore	<ul style="list-style-type: none"> <li>• Gained knowledge about how to achieve business goals by interlinking with digital platforms such as Instagram,</li> </ul>

						Youtube, Facebook, Twitter, and many more.
9.	<b>Dr.D.Gopinath</b> Faculty Computer Science Department	One Week National Level FDP on <b>Internet of Things: Gateway to Smart Future</b>	One Week National Level FDP	18.07.2022 - 23.07.2022	Seshadri Rao Gudnavalleru Engineering College, Gudnavalleru, AP	<ul style="list-style-type: none"> <li>• Obtained knowledge about various research opportunities and challenges in the field of IOT, AI and its applications.</li> </ul>
10.	<b>Dr.R.Chitra</b> Head, <b>Mr.K.Mohanapriyan</b> Faculty Physics Department	FDP on <b>Role of Teachers Towards NAAC Accreditation</b>	FDP	22.07.2022	Kongu Arts and Science College (Autonomous)	<ul style="list-style-type: none"> <li>• Enabled the faculty to enhance the knowledge in NAAC Accreditation process</li> </ul>
11.	<b>Dr.D.Gopinath</b> Faculty Computer Science Department	1 Week FDP on <b>Cyber Security and Ethical Hacking</b>	1 Week FDP	25.07.2022 - 29.07.2022	Chandigarh University, Mohali, Punjab	<ul style="list-style-type: none"> <li>• Obtained knowledge in Cyber security to reduce the risk of cyber-attacks, and how to protect against the unauthorized exploitation of systems, networks and technologies.</li> <li>• Gained Knowledge about how to evaluate the security of identify vulnerabilities in target systems, networks or system infrastructure.</li> </ul>
12.	<b>Dr.R.Pushpalatha</b> Faculty Computer Science Department	Online course on <b>“Introduction to Data Analytics”</b>	Seminar	28.07.2022	Skillup by Simplilearn	<ul style="list-style-type: none"> <li>• Acquired Knowledge on Potential risk Identification and Cost Optimization</li> </ul>
13.	<b>Dr.D.Gopinath</b> Faculty Computer Science Department	One Day Workshop on <b>Nuances on Documentation Process: Research Proposal, NAAV &amp; NIRF</b>	One Day Workshop	08.08.2022	Tamilnadu State Council for Higher Education, Chennai	<ul style="list-style-type: none"> <li>• Gained knowledge on how to define the contents and execute the research projects.</li> </ul>



14.	<b>Dr.A.K.Vidya</b> Head Department of Biochemistry	Workshop on <b>'PFMS EAT, TSA, CNA, SNA, ZBSA</b>	Workshop	30.08.2022 & 31.08.2022	Kongunadu Arts and Science College,Coimbatore	<ul style="list-style-type: none"> <li>• Acquired knowledge on how to operate and resolve issues relating to all the schemes to which institutions would be receiving funds through PFMS Portal.</li> </ul>
15.	<b>Dr.D.Gopinath</b> Faculty Computer Science Department	One Day Workshop on <b>Nuances on Documentation Process: Research Proposal, NAAV &amp; NIRF</b>	One Day Workshop	08.08.2022	Tamilnadu State Council for Higher Education, Chennai	<ul style="list-style-type: none"> <li>• Gained knowledge on how to define the contents and execute the research projects.</li> </ul>
16.	<b>Mr.G.Karthikeyan</b> Faculty, Biochemistry Department	4 <sup>th</sup> National Conference on <b>Innovative Research in Life Sciences (NCIRL'22)</b>	Conference	15.09.2022 & 16.09.2022	Centre for Bioscience and Nanoscience Research (CBNR), Coimbatore	<ul style="list-style-type: none"> <li>• Mr.G.Karthikeyan presented a Paper entitled "Synthesis and Characterization of Biocompatible Silver Nanoparticles from various vegetables and its Anti-bacterial Properties" and he was appreciated with 'Best Paper Award'</li> <li>• He gained an insight on Recent technologies in Nanotechnology and its Applications</li> </ul>
17.	<b>Mr.K.Vivekanandhan</b> Faculty, Biotechnology Department	Workshop on <b>"Manuscript Writing Made Simple"</b>	Workshop	20.09.2022 - 22.09.2022	Publication Development Cell and IQAC, Rathnavel Subramaniam College of Arts and Science	<ul style="list-style-type: none"> <li>• Learned the publication ethics and journal guidelines</li> </ul>

18.	<b>Dr.C.Radhamani</b> Faculty, Mathematics Department	International Conference <b>Recent trends in Science, Engineering &amp; Technology</b>	International Conference	18.11.2022 – 19.11.2022	PSG College of Arts and Science Coimbatore	<ul style="list-style-type: none"> <li>• Participated and presented a paper on “On some temporal fuzzification functions of temporal Pythagorian fuzzy sets”.</li> <li>• Also gained knowledge in the recent developments in applied Mathematics</li> </ul>
19.	<b>Dr.R.Pushpalatha</b> Faculty Computer Science Department	FDP on <b>Digitalization in Accounting and finance</b>	FDP	08.11.2022- 14.11.2022	Department of Commerce , KG & Pioneer College of Arts and Science College, Coimbatore	<ul style="list-style-type: none"> <li>• Gained Knowledge on improved security, Accuracy, Collaboration and Faster decision making</li> </ul>
20.	<b>Dr.R.Pushpalatha</b> Faculty Computer Science Department	Online course on <b>“Introduction to Cyber Security”</b>	Seminar	13.11.2022	Skillup by Simplilearn	<ul style="list-style-type: none"> <li>• Gained Knowledge on protection of sensitive data, early detection and response</li> </ul>
21.	<b>Dr.R.Pushpalatha</b> Faculty Computer Science Department	Workshop on <b>Internet of Things</b>	Workshop	17.11.2022	SSM Institute of Engineering and Technology & Pantach e Learning Pvt Ltd, Chennai	<ul style="list-style-type: none"> <li>• Gained Knowledge on security risk, complexity issues and data overload</li> </ul>
22.	<b>Dr.R.Pushpalatha</b> Faculty Computer Science Department	Workshop on <b>Cloud Computing</b>	Workshop	18.11.2022	Sri Vidhya College of Engineering and Technolgy & & Pantach e Learning Pvt Ltd, Chennai	<ul style="list-style-type: none"> <li>• Acquired Knowledge on centralized data security, quick application deployment, price-performance and cost savings</li> </ul>
23.	<b>Dr.R.Pushpalatha</b> Faculty Computer Science Department	Workshop on <b>Internet of Things</b>	Workshop	22.11.2022	Holy Mary Institute of Technolgy and Science & & Pantach e Learning Pvt Ltd, Chennai	<ul style="list-style-type: none"> <li>• Gained Knowledge on improved efficiency, Productivity, cost savings, Real time monitoring, communication, connectivity and End- customer Experience</li> </ul>

24.	<b>Dr.S.K.Gangai Abirami</b> Faculty Biotechnology Department	Training Programme on “ <b>Improved Production Technologies Aromatic and Medicinal Plants&amp; Aromatic Oils</b> ”	Certificate Course	14.12.2022- 16.12.2022	Central Institute of Medicinal and Aromatic Plants, Bengaluru	<ul style="list-style-type: none"> <li>• Learned about the imporatanace and applications of essential oils</li> </ul>
25.	<b>Dr.R.Chitra</b> Head, Physics Department	<b>Resource Person in National Level Workshop on “Super ionic conductors and its applications to battery, Fuel cell and Supercapacitors (NSICA- 2022)</b>	Workshop	16.12.2022	Fatima College (Autonomous) Madurai	<ul style="list-style-type: none"> <li>• Gained new learning experience from other Resource persons</li> </ul>
26.	<b>Faculty</b> All Star Departments	FDP on <b>Deciphering Manuscript Writing</b>	FDP	04.01.2023	Kongu Arts and Science College (Autonomous)	<ul style="list-style-type: none"> <li>• Gained the understanding of Manuscript writing and submission protocols in Journal</li> </ul>
27.	<b>Dr.S.Nagarajan</b> Head, Mathematics Department	International Conference on <b>Graphs, Network and Combinatorics</b>	International Conference	10.01.2023- 12.01.2023	<b>Ramanujan College New Delhi</b>	<ul style="list-style-type: none"> <li>• Gained knowledge in the recent developments in Graph theoretical concepts</li> </ul>
28.	<b>Ms.S.Savitha</b> Faculty, Mathematics Department <b>Mr.K.Vivekanandhan</b> Faculty, Biotechnology Department	Online workshop on <b>Writing and Publishing original research articles</b>	Online workshop	26.01.2023 - 30.01.2023	Cactus Communications Mumbai	<ul style="list-style-type: none"> <li>• Equipped with knowledge in Writing and Publishing original research articles</li> </ul>
29.	<b>T.Akashnarayana</b> Faculty, Physics Department	Seminar on <b>Recent Advances in Physics’23</b>	Seminar	17.03.2023	Hindusthan College of Arts and Science Coimbatore	<ul style="list-style-type: none"> <li>• Acquired domain based knowledge in the Recent Advancements</li> </ul>

## VIII. COMPETITION FOR STUDENTS

S.No	Organizing Department	Event	Program Topic	Date	Beneficiaries	Program Outcome
1.	Biochemistry & Biotechnology	Science Model Exhibition	<b>‘Anti Tobacco Awareness Activity’</b> - Exhibition competition for students	17.08.2022	Student Participants (20)	<ul style="list-style-type: none"> <li>To mark antitobacco Campaign, Students presented Models displaying effective approaches to lessen use of tobacco and fight for tobacco control; raising awareness on the harmful and deadly effects of tobacco use in any form.</li> </ul>
2.	Computer Science	Intra Department Competitions (Think Fest)	<b>Quiz Contest</b> (Prelims)  <b>Quiz Contest</b> (Final Round)	20.10.2022  27.10.2022	Computer Science Students (123)  5 Students of Computer Science Students (5)	<ul style="list-style-type: none"> <li>This activity provided a platform for the students to exhibit their knowledge in science and technology.</li> <li>Students were given chance to assess and improve their knowledge retention and transfer</li> </ul>
3.	Physics & KASC Science Forum	Poster Making Competition	Poster Making Competition <b>‘Innovation starts with me’</b>	07.11.2022	Students of various departments (35)	<ul style="list-style-type: none"> <li>Students were motivated for innovation through Poster making Competition</li> </ul>

4.	Biotechnology	Science Model Exhibition	Science Model Exhibition on ‘ <b>Scientific Innovation for Sustainable Living</b> ’	24.02.2023	Students of DBT Star College Scheme Departments (50)	<ul style="list-style-type: none"> <li>• The students exhibited their models with innovative ideas and the best performers won the prizes.</li> </ul>
5.	DBT Star Departments	National Science day Celebrations	<p><b>Competitions Conducted</b></p> <ul style="list-style-type: none"> <li>• Logo Designing</li> <li>• Poster presentation,</li> <li>• Science Exhibition</li> <li>• Quiz contest</li> <li>• Content creation contest</li> <li>• Start up Innovative Ideas</li> </ul>	28.02.2023	Students of KASC (180)	<ul style="list-style-type: none"> <li>• This activity provided a platform to exhibit and share their knowledge in Science and technology with Innovative ideas.</li> <li>• Students enthusiastically participated in various competitions such as Essay writing, Poster presentation, Working Models, Quiz competition and Content creation contest.</li> <li>• Competitions motivated the students to understand the importance of innovations in Science &amp; Technology</li> </ul>
			<p><b>Responsible Citizen Award</b></p>			<ul style="list-style-type: none"> <li>• Students of our College who have volunteered for humanitarian service and made a remarkable contribution to the Society were honored with <b>Responsible Citizen Award.</b></li> </ul>

6.	Computer Science	ThinkFest (Intra-Dept. Competitions)	<b>Poster Presentation</b>	2.03.2023	B.Sc Computer Science Students (21)	<ul style="list-style-type: none"> <li>•Poster Presentation Event was organized for the students to bring out their creative expression.</li> </ul>
7.	Computer Science	ThinkFest (Intra-Dept. Competitions)	<b>Paper Presentation</b>	8.03.2023	B.Sc Computer Science Students (9)	<ul style="list-style-type: none"> <li>•Paper Presentation Event was organized for the students to gain expertise on the topics and therefore enhance their knowledge and learning.</li> </ul>

## IX .EXTENSION ACTIVITY

S.No	Organizing Department	Program Topic	Nature of Extension Activity	Date	Beneficiaries	Program Outcome
1.	Computer Science	Anti Tobacco Awareness Rally	Awareness Rally On <b>Anti Tobacco</b>	12.08.2022 (FN)	Students of Computer Science and NCC Cadets (443)	<ul style="list-style-type: none"> <li>• Students created the awareness about Anti Tobacco using placards and banners stating the health hazards of tobacco and also raised slogans to stop using tobacco products.</li> </ul>
2.	Mathematics	<b>Anti – Tobacco awareness Human Chain</b> (From Veppampalayam to Mettukadai) <b>Mr.K.Madhubalan IAS</b> Deputy Collector of Erode District	<b>Human Chain</b>	13.08.2022	Student community (450) & Society	<ul style="list-style-type: none"> <li>• The students created awareness about the evils of tobacco and prevention of its usage</li> </ul>

3.	Mathematics	<b>Basic Calculation through ABACUS for Panchayat Union Primary School Students</b> Pitchandapalayam Perundurai	<b>ABACUS Calculations</b>	31.10.2022	Mathematics students (15) Faculty members (3) and School students (50)	<ul style="list-style-type: none"> <li>The Panchayat students were taught simple mathematical calculations using ABACUS by our students.</li> </ul>
4.	Physics & Computer Science (UG)	<b>E-Waste Management (On and Off Campus)</b>	<b>E-Waste Management</b>	10.11.2022	Our College students and Public (580)	<ul style="list-style-type: none"> <li>Environmental consciousness was created among our student community through E-waste management</li> <li>E-waste of 20 kg was collected in and around Erode and the same was handed over to Olirum Erode Foundation</li> </ul>
5.	Star Departments	Knowledge Transformation and Skill Enhancement for Tribal Students Government High School, Germalam, Sathyamangalam Taluk of Erode district	<b>Tribal Welfare Program</b>	09.01.2023	School students (65) College students (48) and Faculty members (2)	<ul style="list-style-type: none"> <li>Mini Medical Camp, Mushroom cultivation training, Usage of Abacus, Joy of Learning Science Introduction to MS office and Small Scale Business activities were given to the school students</li> </ul>
6.	Physics	<b>Master Physics Learning</b>	<b>Training Program for School Students</b>	31.01.2023	KASC Physics Students (7) and School Students (107)	<ul style="list-style-type: none"> <li>Students volunteers exhibited several models and conducted many events to impart physics concepts and made the School children to acquaint</li> </ul>

						with Physics
7.	Biochemistry	Health Care Camp for Public in association with M/s. Chem-Tech Bio Lab at Kanakkampalayam, Tirupur	<b>Health Care Camp</b>	20.02.2023	Students Volunteers (12) & Public Members (128)	<ul style="list-style-type: none"> <li>The Camp afforded Student Volunteers a chance to gain a more in-depth understanding and hands-on experience in Clinical Biochemistry and provided an excellent opportunity to learn from established professionals .</li> </ul>
8.	Biotechnology	Extension Activity – Outreach Program	<b>Extension Activity</b>	09.03.2023	Students of Government Primary School-Periyavalasu (50)	<ul style="list-style-type: none"> <li>The Government Primary School Students were energetic and interactive in all the sessions. They actively participated in the competitions and were rewarded with prizes.</li> </ul>



## X. Industrial Visit Report (2022 – 2023)

S.No	Department	Place of Visit	Date of Visit	Beneficiaries	Program Outcome
1.	Biochemistry	<b>Ganesh Consultancy and Laboratory Services, Mysore</b>	17.10.2022 & 18.10.2022	I B.Sc and II B.Sc Biochemistry Students (38)	<ul style="list-style-type: none"> <li>The visit provided the opportunity for students to witness modern sophisticated analytical, indigenous &amp; imported instruments that are used for wastewater and microbial analysis in Hospitals and Industries</li> </ul>
2.		<b>Malanadu Co-operative Tea Factory, Vagamon</b>	17.10.2022 & 18.10.2022	III B.Sc Biochemistry students (30)	<ul style="list-style-type: none"> <li>The students visited the manufacturing unit and observed the various process in the tea production and storage &amp; quality management of the product</li> </ul>
3.		<b>Seshasayee Paper and Boards Ltd Pallipalayam, Namakkal District</b>	03.01.2022 & 05.01.2022	Biochemistry students (80) and Faculty members (3)	<ul style="list-style-type: none"> <li>This visit helped students to learn about the various process in the manufacturing of Paper such as Pulping, Bleaching and water treatment practices employed in the Industry</li> </ul>
4.	Biotechnology	<b>Horticulture Research Station, TNAU, Ooty and Doddabetta Tea Factory and Chocolate Factory</b>	21.03.2023	II B.Sc Biotechnology Students and Faculty Members (60)	<ul style="list-style-type: none"> <li>The visit to Horticultural Research Station was much beneficial for the students for analyzing the different Botanical names of the plants</li> </ul>
5.	Mathematics	<b>Anna Science Centre – Planetarium, Trichy</b>	10.03.2023	B.Sc & M.Sc Mathematics Students (47) Faculty members (3)	<ul style="list-style-type: none"> <li>The Visit helped the students to know the science concepts and facts</li> </ul>
6.	Computer	<b>Chips Software Systems Pvt. Ltd,</b>	30.09.2022	Final Year Computer	<ul style="list-style-type: none"> <li>The industrial visit created a bonding</li> </ul>

	Science	Cochin	& 1.10.2022	Science Students (102)	with the professional trainers and they gained knowledge to prepare themselves to give a good start into the IT sector.
7.		<b>Infosys BPM Ltd,</b> Bangalore	11.02.2023	First and Second Year Computer Science Students (96)	<ul style="list-style-type: none"> <li>• Industrial Visit provided an exposure to students about practical working environment. Through industrial visit students got awareness about new technologies.</li> </ul>
8.	Physics	<b>Solar Observatory, IIA,</b> Kodaikanal	08.03.2023	Physics Students (47)	<ul style="list-style-type: none"> <li>• The visit to Solar observatory inspired the students to take their career in the field of Astrophysics</li> </ul>