



DBT STAR COLLEGE SCHEME



Program Completion Report (2021-2022)

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 I UG students	Diagnostic Test	25.06.2020	320 students	<ul style="list-style-type: none">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.
2.	All Star Departments	Induction Program for I UG students - by DBT Advisory Committee External Expert Dr R Rajendran Associate Professor, Department of Microbiology, PSG College of Arts & Science, Coimbatore	Induction Program	25.09.2021	320 students	<ul style="list-style-type: none">The Program facilitated comprehensive understanding of the distinctive features of DBT Star College Scheme and its effective utilization.The Expert Member explained the benefits of various programmes to be implemented by the College under the Star College Scheme and advised them to use those opportunities effectively and actively involve in all the innovative activities.

II. SEMINAR/CONFERENCES ORGANISED

S.No	Organizing Department	Resource Persons	Program Topic	Date	Beneficiaries	Program Outcome
1.	Biochemistry and IPR Cell	<p><u>Resource Person:</u></p> <p>Dr.Anandrao Bajirao Kakade, Dean, Research and Development, Rajarambapu Institute of Technology, Sakharale, Mumbai.</p>	International level Webinar on “ Innovations and Intellectual Property Rights ”	29.04.2021	100 Faculty Members	<ul style="list-style-type: none"> Faculty members gained knowledge about the Purpose of Patent and Intellectual Property Rights and also learnt the process of Patent filling & procedures.
2.	DBT Star Departments	<p>Dr.Sulthan Ahmed Ismail Member, Tamil Nadu State Development Policy Council, Advisor and Former Director Ecoscience Research Foundation, Chennai</p> <p>Ms.Meera Natarajan Mentor and Neurolinguistic Programming Trainer Pune</p>	Five-Day National Level FDP on Advancing Towards Sustainable Teaching and Learning Pedagogy	02.08.2021 to 06.08.2021	170 Faculty Members from various Institutions and KASC	<ul style="list-style-type: none"> Faculty members gained insight on competence based Teaching and Learning approach and its practical implications for transition to Sustainable Learning environment

		<p>Dr.Manu Mangattu Poet, Research Consultant, Chief Editor,AJILE International Literary Journal and Publishing Expert,Kerala</p>				<ul style="list-style-type: none"> • Faculty members also learnt the need to incorporate technology into teaching learning methods to create a rich learning experience for students and a rewarding teaching experience for faculty.
		<p>Dr.S.Sudarshan (ALUMNUS) Associate Professor in Anatomy Melaka Manipal Medical College ,Manipal, Karnataka</p>				
		<p>Dr.Anupma Harshal W Consultant MANAV-HUMAN ATLAS INITIATIVE Indian Institute of Science Education & Research (IISER) Pune</p>				

III. GUEST LECTURES

S.No	Organizing Department	Resource Persons	Program Topic	Date	Beneficiaries	Program Outcome
1.	Biotechnology	Dr.M.N.Ponnusamy, UGC Emeritus Professor Department of Biophysics and Crystallography, University of Madras, Chennai.	Webinar Lecture on “ Current Trends in Biophysics ”	20.09.2021	Biotechnology Students (150)	<ul style="list-style-type: none"> The webinar focused on analyzing the 3D Structure of Biomolecules and Applications of Biophysical techniques in Life Sciences.
2.	Physics	Dr.D.Senthilkumar, Associate Professor & Head, Department of Physics, School of Sciences & Humanities, Vel Tech (Deemed to be University), Chennai	Guest lecture (Webinar) on “ Future Avenues for Physicists ”	27.09.2021	Physics students (85)	<ul style="list-style-type: none"> Students gained Insights on higher Educational Institutions for pursuing higher studies
3.	Biochemistry	Ms.Sowbarnika S. Ratliff (Alumnae) Scientist Cancer Vaccines and Immunotherapeutics Pfizer, Sandiego, USA.	Webinar on “ Cancer Vaccines an Therapeutics ”	29.09.2021	Biochemistry Students (140)	<ul style="list-style-type: none"> This webinar made students to clearly understand about the role of immune system to lead a balanced life. She also clarified students doubts regarding vaccines.
4.	Computer Science	Mr.Praveen Thirumurugan Software Development Engineer Caterpillar Incorporation Chennai	Guest Lecture - Webinar “ Cyber Security: A Real World Perspective ”	29.09.2021	Computer Science Students (325)	<ul style="list-style-type: none"> This Programme explored the importance of Cyber Security and the various ways to protect from the cyber threats.

5.	Mathematics	Dr.Achala L Nargund, Professor and Head P.G. Department of Mathematics, Coordinator - Research Centre in applied Mathematics, MES College of Arts, Commerce and Science, Bengaluru	Online Invited Talk Mathematical Modelling of COVID -19	01.10.2021	Mathematics Department students (200) and Faculty members (11)	<ul style="list-style-type: none"> •The event provided very good platform for the students to gain knowledge about Mathematical Modelling and its applications for COVID-19 pandemic.
6.	Physics	Dr.P.Maadeswaran, Assistant Professor, Department of Energy Science, Periyar University, Salem	Guest lecture Renewable Energy Sources	01.10.2021	B.Sc., Physics students (85)	<ul style="list-style-type: none"> • The students acquired knowledge on various energy resources which are available naturally •Also instilled awareness on Energy Auditing techniques, provided the ways and measures for conserving energy
7.	Computer Science	Mr.MadhanSubramaniam Managing Director, Digitell, Erode.	Entrepreneurship Awareness Programme Digital Marketing - A Roadmap to Web Based Business Acquisitions	22.11.2021	Computer Science Students (360)	<ul style="list-style-type: none"> •The students explored about different digital marketing tools to improve businesses value propositions to customers and improve their overall competitiveness.
8.	Mathematics	Ms.Hemalatha and Dr.V.Umarani Freelance Trainers Coimbatore	PDP Professional Ethics and Career Guidance	03.12.2021	Mathematics students (86)	<ul style="list-style-type: none"> •The students improved and developed specific skills, behavior and strong team work.
9.	Mathematics	Dr.S.Jagatheswari Assistant Professor Department of Mathematics School of Advanced Sciences Vellore Institute of Technology	Ramanujan Day Celebrations National Mathematics Day Special Lecture	22.12.2021	Mathematics students (250)	<ul style="list-style-type: none"> • The students exhibited their talents through competitions

		Vellore				
10.	Computer Science	Mr.D.Gopinath Assistant Professor, Department of Computer Science(UG), Kongu Arts and Science College (Autonomous), Erode.	Knowledge Sharing Programme With Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore ‘Internet of Things’	09.03.2022 - 11.03.2022	I B.Sc(CS) Students (31) of Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore	<ul style="list-style-type: none"> This Programme stimulated cultural change, innovation and enabled the students to succeed in their education and careers.
11.	Computer Science	Dr.Yesudoss J Assistant Professor, Department of Computer Science, Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore	Knowledge Sharing Programme With Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore ‘Internet of Things Software Engineering’	09.03.2022 - 11.03.2022	II B.Sc(CS)-A Students (58-)of Kongu Arts and Science College (Autonomous), Erode.	<ul style="list-style-type: none"> This Programme provided a platform to exchange information, skills, expertise to succeed in their education and careers.
12.	Computer Science	Dr.R.Maheswari, Assistant Professor, Department of Management Studies, Kongu Engineering College (Autonomous), Erode	Guest Lecture on ‘Road ahead’	29.03.2022	Final Year B.Sc Computer Science Students (39)	<ul style="list-style-type: none"> Students gained knowledge about how to become an entrepreneur, Opportunities in various sector, Emotional Management, Decision Making and Leadership.
13.	Biochemistry	Resource Person : Dr.P.S.Dhandapany, Scientist F and Associate Professor, Institute for Stem Cell Science and Regenerative Medicine, Bangalore	Guest Lecture on ‘Cardiogenomics, Stem Cells and Precision Medicine’	01.03.2022	Biochemistry Students (135)	<ul style="list-style-type: none"> This Program gave an insight on Cardiomyopathies and highlighted the recent Research advancements in Cardiomyopathies

						<p>and Identification of New Therapeutic Targets based on molecular approach for personalized medicine.</p> <ul style="list-style-type: none"> • This Program also highly motivated the students to pursue higher studies and progress in Research field..
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IV. ACADEMIA INDUSTRY INTERFACE PROGRAM

S.No	Organizing Department	Resource Persons	Program Topic	Date	Beneficiaries	Program Outcome
1.	Computer Science	Mr.ChandraPrakashSankar Founder and CEO Hackers Infotech, Tirupur	Academy -Industry Interface Programme on ‘ Cyber Security – Information Security : Trends and Predictions’	06.10.2021	Computer Science Students (270)	<ul style="list-style-type: none"> •The students gained knowledge in the area of cyber hacking, and how to be cautious about hackings.
2;	Biochemistry	Resource Person: Dr.Jayaprakash Natarajan (Alumni 2004-2007 Batch) Senior Scientist Analytical Development Stelis Biopharma Pvt.Ltd., Bangalore	Academia-Industry Interface Program on “ Characterization Biosimilars using Mass Spectrometry ”	01.11.2021	Biochemistry Students and Faculty members (160)	<ul style="list-style-type: none"> •The students came to understand about biopharma medicines and how it differs from synthetic medicine • The programme also motivated students to get updated on recent trends in biological field and got an

						awareness on the new techniques and equipments used in biopharma industries
3.	Biochemistry	Mr.Rajiv Rathinam (Alumni 2003-2008 Batch) Zonal Sales Manager Hindustan Unilever Ltd., Chennai	Academia-Industry Interface Program on “ Biochemistry – How it will help in FMCG Industry and Pharma Job Sectors? ”	22.11.2021	Biochemistry and MBA Students and Faculty members (200)	<ul style="list-style-type: none"> • The program helped students to know about FMCG industries like Beauty and personal care, Food and refreshment, Home care and the various job opportunities for Biochemists in Production, Quality control and Management. • The Resource Person clarified doubts of Students regarding job opportunities in FMCG industry and Biopharma Industry.
4.	Computer Science	Mr.D.Naveenkumar, Senior Software Engineer, Legato Health Technology, Bangalore.	Academia Industry Interface Programme on” Guidance on Project Development ”	28.01.2022	Computer Science Students (155)	<ul style="list-style-type: none"> • Students were given guidance to organize, plan and develop projects effectively.

V. INTER DISCIPLINARY ACTIVITIES

S.No	Organizing Department	Resource Persons	Program Topic	Date	Beneficiaries	Program Outcome
1.	Mathematics	Dr.V.P.Moula Devi Dean of B.Ed colleges Vivekanandha Institutions Principal Vivekanandha Vidya Bhavan Mt. Hr. Sec. School, Tiruchengode.	Online IDP Induction Programme Technology & Science A Boon or a Bane	08.09.2021	First Year UG Students of DBT Star Departments (182)	<ul style="list-style-type: none"> The Program motivated the Fresher students towards new inventions through Science and Technology.
2.	Computer Science	Dr.P.B.Pankajavalli Assistant Professor, Department of Computer Science, School of Computer Science and Engineering, Bharathiar University, Coimbatore, Tamil Nadu.	Programme (IDP) DEEKSHARAMBH - Student Induction Programme (SIP Introduction and Importance of Subjects/Courses of Study)	08.09.2021	Students of B.Sc (CS), BCA, B.Sc (CT & IT) (375)	<ul style="list-style-type: none"> The students were given a broad knowledge about various aspects of Computer Science Stream Subjects and its Job opportunities, Examination Pattern and the Valuation Criteria.
3.	Computer Science	Ms. Reena Ravi Chief Operating Officer and Founder, Sunshine Consultancy, Bengaluru, Karnataka	Inter-Disciplinary Programme (IDP) DEEKSHARAMBH - Student Induction Programme (SIP Emerging Career- Opportunities and Challenges	13.09.2021	First Year B.Sc (CS), B.Sc (CT), B.Sc (IT) and BCA Students (241)	<ul style="list-style-type: none"> This Programme fostered the students with diverse range of job opportunities, Communication, Placement and Higher Studies.
4.	Biochemistry, Biotechnology, Mathematics,	Ms.Meera Natarajan, Educator, Mentor and NLP	Students' Induction Programme on 'Be a	13.09.2021	First Year B.Sc Biochemistry, Biotechnology,	<ul style="list-style-type: none"> Students were motivated for goal setting and realise

	Physics	Trainer, Founder-Success Programming, Pune.	Champion....!"		Mathematics, Physics, Psychology (300)	the importance of success in their Career aspects in the Professional world.
5.	Mathematics and Physics	Dr.D.Aarthi Motivational Speaker Mentora Skills for an Enriched Life,Erode.	IDP Ethical Values- The Need of the Hour	08.10.2021	II year UG Mathematics and Physics Students (64)	<ul style="list-style-type: none"> The students were motivated towards inculcating Ethical values in life and Profession
6.	Biochemistry, Mathematics and Physics	Dr.S.Hariharan Assistant professor Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai	Two Day Workshop on “Project On based Learning with MATLAB	28.10.2021 - 29.10.2021	III B. Sc., Physics (40) II B. Sc., Biochem (40) III B. Sc., Maths (120) Total (200)	<ul style="list-style-type: none"> Students gained knowledge about the fundamental concepts of MATLAB and how to utilize for calculations for project. Students learned to carryout simple numerical computations, analysis and graphics in MATLAB environment
7.	Biotechnology	Dr.K.Anupriya MBBS., MD (OG). , PSG Institute of Medical Science and Research, Coimbatore.	IDP - Webinar Lecture on “Gynaecological Concerns in Young Adults”	03.11.2021	Women Students of Our College (1200)	<ul style="list-style-type: none"> Programme Highlighted on various Gynecological problems like Ovarian cysts, Pelvic pain, Endometriosis, Uterine fibroids, Polycystic ovarian syndrome (PCOS),

						Genital tract infections and Sex education.
8.	Physics	Trainer Mr.A.Kalaimani, Thilagavathi Electronics, Erode	IDP Hands-on workshop on PCB Soldering for Fabrication of Electronic Circuits	09.11.2021	42 Students {II Year Physics (25), Maths (5), CS (7), CTIT (5)}	<ul style="list-style-type: none"> • Students had Hands on experience on Printed circuit Board mechanism • Gained knowledge on soldering and constructing simple circuits
9.	Physics & Mathematics	Mr.N.Loganathan, Managing Director, Mullai Academy, Karur	Inter Disciplinary Capacity Building Programme ' Aptitude Made Easy '	22.11.2021 & 23.11.2021	B. Sc., Physics (40) & Mathematics (32) Students	<ul style="list-style-type: none"> • Students were able to solve analytical problems easily and acquired number crunching capabilities. • Further, students were motivated to attend competitive exams by solving problems in an easy manner
10.	Physics & IIC	Dr. Prawin Angel Michael, Associate Professor, Department of Electrical and Electronics Engineering, Karunya Institute of Technology and Sciences, Coimbatore	Commemoration of World Energy Conservation Day (IDP Special lecture) Energy Conservation-Integral Part of Human Lives	14.12.2021	I Year Physics, Biotechnology and Mathematics Students (83)	<ul style="list-style-type: none"> • Students were emphasised to be innovative in Energy Research and directed to be successful Entrepreneur

11.	Biochemistry	<p>Mr. Indira Kumar I Green Mushroom and Spawn Labs, Avinashi Road, Kaniyur</p>	<p>One Day Hands on Workshop on “Mushroom Cultivation”</p>	24.11.2021	Biochemistry Students (142)	<ul style="list-style-type: none"> • Students prepared bags by themselves and learnt about the new techniques introduced in Mushroom cultivation process. • Students gained more entrepreneurial knowledge in mushroom cultivation.
12.	Physics Biochemistry Biotechnology	<p>Dr. V. Sudha Post Doctoral Fellow Department of Bioelectronic and Biosensor Alagappa University Karaikudi</p>	<p>Mentorship Program ‘Accelerate Your Career’</p>	08.01.2022	I B.Sc., Physics, Biochemistry & Biotechnology students and faculty members (100)	<ul style="list-style-type: none"> • Students were motivated to undergo Higher Education with scholarship and also instilled with career opportunities • Students were exposed to the various opportunities available in the Higher Learning Institutions

VI. WORKHOP / HANDS ON TRAINING

S.No	Organizing Department	Resource Persons	Program Topic	Date	Beneficiaries	Program Outcome
1.	Mathematics	Dr.V.Parthiban Assistant Professor-Grade 2 VIT University Chennai	Workshop Biostatistical Design and Data analysis using R	12.10.2021- 13.10.2021	Mathematics, Biochemistry and Biotechnology students (120)	<ul style="list-style-type: none"> • Students understood about the open source software R and its applications in data analysis and Biostatistical design
2.	Mathematics	Dr.A.SebastianSelvaraj Assistant professor Govt. Arts and Science College, Vedasandur, Dindigul	Workshop LaTeX for Technical writing	25.10.2021- 26.10.2021	Mathematics students (150)	<ul style="list-style-type: none"> • Student learnt about open source type setting tool LaTeX for high quality scientific documents containing Mathematical formulae
.3.	Biotechnology	Mr.R.Hemanth Kumar, Senior Research Executive, Eastman Group of Companies, Tirupur	One Day Workshop on “Fermenter Handling”	30.10.2021	Biotechnology Students (150)	<ul style="list-style-type: none"> • The students gained the knowledge about the workshop focused on Working of Fermentor and its applications in production of Industrial Products
4.	Biotechnology	Mr.A.P.Thangadurai Proprietor, The Scientific Engineering Works, Coimbatore	One Day Hands on Workshop on “Laboratory Instrumentation”	18.11.2021	Biotechnology Students (45)	<ul style="list-style-type: none"> • Students gained knowledge about Instruments like Microscope, Autoclave, Incubator, Hot air oven, Centrifuge, Magnetic stirrer and its Applications

5.	Biotechnology	Dr.ThamaraiselvanRengarajan, Scientist, Scigen Research and Innovation Pvt. Ltd., Thanjavur.	One Day Workshop on “ Invitro Culture of Animal cell and its Applications ”	22.11.2021	Biotechnology Students (45)	<ul style="list-style-type: none"> • The workshop focused on the requirements of Animal cell culture, Culture media used for culturing Animal cells,development of cell lines and the methods used for preservation.
6.	Biochemistry	Rtn.PHF.K.R.Venkataachalam Alumni (1995-1998 Batch) Tamilnadu Voluntary Blood Bank and Research Centre, Erode	One Day Hands on Workshop on “ Advanced Immunoematology ”	01.12.2021	II B.Sc Biochemitry (31) Students and Faculty members (2)	<ul style="list-style-type: none"> • Students acquired knowledge about the about the role of biochemist in Blood Bank. • They understood about Cross matching and its , Erythroblastosis fetalis and current treatment for this issues.
7.	Computer Science	Mr.T.Manikandan, Proprietor, Sridharan Infotech, Erode.	Two Days Hands on Training cum Workshop “ Computer Hardware and Networking ”	07.12.2021 & 08.12.2021	First Year BSc(CS) Students (94)	<ul style="list-style-type: none"> • Students were trained on Connectivity between computers, Software and Hardware issues of a System, and Technical issues in networking.
8.	Biochemistry	1.Dr.Abdul Jaffar Ali, Assistant Professor and Head Department of Biotechnology Islamiah College (Autonomous),	Two Day Virtual Workshop on “ Molecular Techniques ”	9.12.2021 &10.12.2021	Biochemistry Students (100)	<ul style="list-style-type: none"> • Students learnt about the unique features of DNA Barcoding, the Molecular Tool for Species identification

		<p>Vaniyambadi</p> <p>2. Dr.S.U.Mohammed Riyaz, Assistant Professor Department of Biotechnology Islamiah College (Autonomous), Vaniyambadi</p> <p>3. Dr.ML.Mohammed Kaleem Arshan, Assistant Professor Department of Biotechnology Islamiah College (Autonomous), Vaniyambadi</p>				<p>and its significance in Molecular Taxonomy</p> <ul style="list-style-type: none"> • The workshop proved to be highly valuable for the students and they gained a new perspective on the fundamental and advanced techniques in Molecular Biology especially about Next Generation Sequencing and its future applications.
9.	Biochemistry	<p>Dr.Arulselvan Palanisamy Managing Director and Scientist Scigen Research Innovation Pvt.Ltd., Periyar Technology Business Incubator Thanjavur</p>	<p>One Day Workshop on “Animal Cell Culture Techniques and its Applications”</p>	21.12.2021	Biochemistry Students (70)	<ul style="list-style-type: none"> • Students gained knowledge about cell culture and its applications. • Primary culture and cell line production were demonstrated . • He also made students to understand the Working of Phase contrast microscope for viewing cells.
10.	Physics	<p>Trainers New Technology, Coimbatore</p>	<p>Two Day Skill Development Training on Functional Components of Mobile Phone</p>	23.12.2021 & 24.12.2021	II B. Sc., Physics (27) II B. Sc., Maths (10) Total - 37	<ul style="list-style-type: none"> • Students learnt the principles of basic electronics and mechanism of mobile phone components. • Students gained knowledge on the replacement of phone display, microphone, speaker and small

						electronic components
11.	Mathematics	Dr.P.Mariappan Associate Professor & Head PG & Research Department of Mathematics Bishop Heber College Trichy	Workshop on Mathematical Modeling in Business Decision Making	27.12.2021	I UG (32) and I PG (16) Mathematics Students	<ul style="list-style-type: none"> The students helped them to judge the right choice for a secure and sure environment in Business through good decision making using Mathematical modeling.
12.	Biotechnology	Dr.Prasanth Manohar, Post Doctoral Fellow, Zhejiang University- University of Edinburgh Institute (ZJE), Zhejiang University School of Medicine, China.	Webinar cum Virtual Workshop on ‘Microbial identification and Genomics’	28.01.2022	Biotechnology Students (100)	<ul style="list-style-type: none"> Students gained knowledge about the history of the Corona viruses, types of Corona viruses and its mode of infection. Students had a better understanding about evolution of Corona viruses and its continuous mutations.
13.	Biochemistry	Dr.R.Sathish Kumar, Assistant Professor and Head i/c, Department of Biotechnology (UG),Kongu Nadu Arts and Science College(Autonomous),Coimbatore	Two day virtual workshop on “Bioinformatics tools and its applications in research”	28.01.2022 & 29.01.2022	Biochemistry Students (80)	<ul style="list-style-type: none"> This Program helped the students to gain a new perspective on the fundamental and advanced softwares and techniques in Bioinformatics. The utility of softwares like chemsketch,tools for Primer designing were demonstrated and the approaches for computer aided designing was also highlighted in this workshop

14.	Computer Science	Mr.D.Ravikumar, and Mr.K.Jeeva, Software Development Engineer, Ascentz Technologies, Coimbatore	Hands on Training cum workshop on 'Python Programming'	21.02.2022 & 22.02.2022	Computer Science Students (95)	<ul style="list-style-type: none"> • The aim of the workshop was explore the students about how to work with Python in effective manner.
15.	Biochemistry	Mrs.A.Jenifer Gladius (Alumni), 2011-2014 Batch, Consultant Dietitian, Certified Holistic Health Coach.	One Day Workshop on "Nutrition and Diet Therapy for Lifestyle and Nutritional Disorders"	21.02.2022	Biochemistry Students (140)	<ul style="list-style-type: none"> • This workshop made students to clearly understand about the role of nutrition to live a balanced life with key informations on Healthy nutrients, Exercise, nutritional balance in between meals etc., • The workshop also enabled students to gain knowledge about sources of healthy foods by presenting models and the appropriate nutrition to be followed during clinical ailments.
16.	Physics	Trainers Mighty Electronics Equipments Corporation, Coimbatore	Workshop on Implementation of IoT using Arduino	24.02.2022	III B.Sc., Physics Students (45)	<ul style="list-style-type: none"> • Students were taught about the Arduino based programming and learnt the implementation of IoT using Arduino

17.	Biotechnology	<p>Mr.Sathish Chandrasekaran, Executive Chef, CAG Pride, Coimbatore.</p>	<p>One day Hands on Workshop on Food Packaging, Quality Control and Safety Considerations</p>	24.02.2022	Biotechnology students (80)	<ul style="list-style-type: none"> The Workshop highlighted about the Food Packaging Techniques and the parameters to be considered during packaging including Checking the Quality of the packed food and Safety precautions to be done while purchasing and consuming the processed food items.
18.	Biotechnology	<p>Day 1 : Dr. A. Lakshmi Prabha, Professor and Head, Department of Botany, Barathidasan University, Trichy</p> <p>Day 2 : Dr.V. Nandhagopalan , Vice Principal and Associate Professor, National College, Trichy</p>	<p>Two days Workshop on ‘Analysis of Secondary Metabolites and Histochemical Screening Techniques’</p>	25.02.2022 & 26.02.2022	III B.Sc., Biotechnology Students (50)	<ul style="list-style-type: none"> This workshop highlighted about the History and scope of the Plant tissue culture. Also, the steps and techniques involved in Hairy Root Culture were demonstrated. In Day 2 workshop, the Metabolism and the types of essential metabolites for plant growth were explained and the steps involved in Histochemical analysis of various plant samples were demonstrated.

VII. FACULTY DEVELOPMENT PROGRAM

(A). ORGANISED

S.No	Organizers	Resource Persons	Program Topic	Date	Beneficiaries	Program Outcome
1.	Computer Science	Mr.D.Ravikumar Senior Software Engineer & Mr.T.Poovendhan Product Development Engineer, Ascentz Technologies, Coimbatore	Two Days Faculty Development Programme Hands on Workshop cum Training IoT and its Applications	22.10.2021 & 23.10.2021	Faculty Members of KASC (43)	<ul style="list-style-type: none"> • The Faculty members were trained to develop IOT applications • They explored knowledge about IOT devices and sensors.
2.	DBT Star Departments	Dr.N.Muthumani, Principal, PPG College of Arts and Science, Coimbatore.	Faculty Development Programme cum Workshop “Implementation of Outcome Based Curriculum Frame Work”	27.01.2022	Faculty Members of KASC (168)	<ul style="list-style-type: none"> • Faculty members were equipped with knowledge in Outcome Based Education • The faculty members gained knowledge in PO,PSO,CO for OBE Based Education for Curriculum Frame Work.

(B) ATTENDED

S.No	Faculty Attended	Program Topic	Certificate Course/FDP /Workshop	Date	Organisers	Program Outcome
1.	Ms. R. Chitra Assistant Professor & Head Department of Physics	One week International Virtual Workshop on ' Research Paradigm '	Workshop	03.05.2021 - 08.05.2021	St. Francis College, Bangalore	<ul style="list-style-type: none">• The programme discussed the practical issues of choosing appropriate research design and provided an insight over the methodology and design of research in the current research trend
2.	Ms. R. Chitra Assistant Professor & Head Department of Physics	AICTE sponsored Short term Training Programme ' Emerging trends in Nanomaterials for electronics and optoelectronic devices '	AICTE sponsored Short term Training Programme	10.05.2021 - 15.05.2021	Swarnandhra College of Engineering & Technology	<ul style="list-style-type: none">• Acquired knowledge on Synthesis and Functionalization of Nanomaterials• Also learnt the Fabrication and Characterization of Optoelectronic & Photonic Devices
3.	Mr.P.Ramesh Dr.R.Pushpalatha Faculty, Computer Science Department	One Day FDP on "Art of Doing Research"	FDP	04.06.2021	Arjun College of Technology, Coimbatore	<ul style="list-style-type: none">• Gained Knowledge regarding Research generates novel ideas, builds credibility, develops understanding and analytical skills.

4.	Dr.S.Nagarajan Faculty Department of Mathematics	Basic Statistical Analysis and its Interpretation using SPSS	Workshop	04.06.2021 - 06.06.2021	Global Institute of Statistical Solutions	<ul style="list-style-type: none"> • This workshop provided a platform for the understanding and application of Statistical analysis using SPSS.
5.	Ms. M.S.Kokila Faculty, Computer Science Department	FDP on " How to Get Research Grants from Funding Agencies "	FDP	05.06.2021	Arjun College of Technology, Coimbatore	<ul style="list-style-type: none"> • Gained Knowledge regarding Research Grants and Funding Agencies.
6.	Mr.P.Ramesh Dr.R.Pushpalatha Faculty, Computer Science Department	Three Days FDP on " Emerging Areas of Research in Science and Environment "	FDP	05.06.2021 - 07.06.2021	Department of Humanities & Applied Sciences of K. C. College of Engineering & Management Studies & Research, Thane	<ul style="list-style-type: none"> • The Program helped to explore how Research in Science and environment help us to develop career skills, such as the ability to analyze data, conduct research, use critical thinking and communicate more effectively.
7.	Mrs.T.Radha Faculty, Biochemistry Department	Effective communication techniques for teachers and trainers	Certificate Course	05.06.2021	Alison	<ul style="list-style-type: none"> • Able to understand the different communications among students and faculties in the classroom • Able to manage the different situations in the classroom
8.	Mrs.T.Radha Faculty, Biochemistry Department	Webinar on " Safety measures for laboratory staff "	Webinar	07.06.2021	RVS College of Arts and Science (Autonomous), Coimbatore	<ul style="list-style-type: none"> • Able to gain information related to basic laboratory safety measures

9.	Mr.P.Ramesh Dr.R.Pushpalatha Dr.K.Prabha Faculty, Computer Science Department Ms.R.Chitra Faculty, Physics Department	Three Days FDP on “Research, Funding Projects & IPR_Part II”	FDP	07.06.2021 - 09.06.2021	IIC,IQAC,R&D & Department of Electronics & Telecommunication, Computer Engineering & Information Technology, K.C. College of Engineering and Management Studies & Research,Thane.	<ul style="list-style-type: none"> • Acquired Knowledge in Research funding, types of research Grants and was educated on how to file patents.
10.	Dr.S.Suresh Faculty Department of Mathematics	MATLAB and its applications	FDP	07.06.2021 to 12.06.2021	Dr.NGP Institute of technology, Coimbatore	<ul style="list-style-type: none"> • Gained knowledge about the applications of MATLAB.
11.	Dr.S.Nagarajan Faculty Department of Mathematics	LATEX	FDP	07.06.2021 to 12.06.2021	Auxilium College of Arts and Science for Women, Regunathapuram	<ul style="list-style-type: none"> • Enriched with the type setting tool LATEX
12.	Mr.P.Ramesh Dr.R.Pushpalatha Faculty, Computer Science Department	One Day FDP on “Effective Online Teaching and Learning using ICT tools”	FDP	10.06.2021	Department of Mathematics, Dr.SNS Rajalakshmi College of Arts and Science, Coimbatore	<ul style="list-style-type: none"> • Acquired Knowledge in ICT tools and how does ICT tools help to enhance the quality of higher education through innovative methods.
13.	Mrs.T.Radha Faculty, Biochemistry Department	Food safety and hygiene in catering industry	Certificate Course	10.06.2021	Alison	<ul style="list-style-type: none"> • Learnt the importance of hygienic environment in the food industries • Understand the food safety measures

14.	Mr.G.Karthikeyan Faculty, Biochemistry Department	Mental Health Studies – Suicide, Violent Behavior and Substance Abuse	Alison	10.06.2021	Alison	<ul style="list-style-type: none"> • Able to identify the suicidal behavior • Able to manage the violent patients in every situation
15.	Mr.P.Ramesh Dr.R.Pushpalatha Faculty, Computer Science Department	Two-Days Workshop on “ Universal Human Values ”	Workshop	10.06.2021 - 11.06.2021	Department of Humanities & Applied Sciences and M.M.S. Department in association with IQAC of K. C. College of Engineering & Management Studies & Research, Thane (E)	<ul style="list-style-type: none"> • Obtained awareness about full human potential, developing an equitable and just society and promoting national development.
16.	Mr.G.Karthikeyan Faculty, Biochemistry Department	Diploma in Analytical Techniques in Purification of Biomolecules	Diploma	11.06.2021	Alison	<ul style="list-style-type: none"> • Learnt the techniques for separation of bioactive components • Acquired the instrumentation of advanced techniques
17.	Mr.G.Karthikeyan Faculty, Biochemistry Department	Introduction to Chromatography system	Alison	11.06.2021	Alison	<ul style="list-style-type: none"> • Learnt the recent advances in chromatography system • Understood the applications of chromatography in research
18.	Mr.P.Ramesh Dr.R.Pushpalatha Faculty, Computer Science Department	One Day National Level Workshop on “ Procedural Aspects in GST ”	Workshop	11.06.2021	Department of Commerce, Parvathy’s Arts and Science College, Dindigul	<ul style="list-style-type: none"> • Gained Knowledge regarding Tax Invoice, Credit/Debit Notes, Payment of Tax.
19.	Mr.P.Ramesh Dr.K.G.Santhiya Dr. R.Pushpalatha Faculty, Computer Science	One Day FDP on “ Publish to Prosper ”	FDP	14.06.2021	Department of Business Administration in association with Guru Nanak Centre for Research, Guru Nanak	<ul style="list-style-type: none"> • Obtained information regarding It provides useful strategies to students and researchers for budding scholars as well as more

	Department				College (Autonomous), Velachery, Chennai.	seasoned scholars on how to initiate and maintain productivity and prosperity with one's research agenda
20.	Mrs.T.Radha Faculty, Biochemistry Department	International Webinar on “Restoration and Re-enforcement of genuine Human values and Professional Ethics amongst College teachers and all others in Educational institutions” ,	Webinar	16.06.2021	Foresight College of Commerce (FCC), Pune	<ul style="list-style-type: none"> • Able to understand the concepts of Human values and Professional Ethics
21.	Mr.P.Ramesh Ms.P.Thenmozhi Ms.M.S.Kokila Dr. R.Pushpalatha Mr.M.Chandru Dr.K.Prabha Faculty, Computer Science Department	Six Days FDP on "Cyber Security & Digital Forensics"	FDP	16.06.2021 - 22.06.2021	Department of B.Sc. Digital and Cyber Forensic Science, Sree Saraswathi Thyagaraja College, Pollachi & ABG Cyber Solutions.	<ul style="list-style-type: none"> • 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.
22.	Mr.P.Ramesh Dr.K.G.Santhiya Dr. R.Pushpalatha Faculty, Computer Science Department	Two Days Workshop on “Industry 4.0”	Workshop	21.06.2021 - 22.06.2021	Institutions Innovation Council (IIC) , Maharashtra Institute of Technology, Aurangabad	<ul style="list-style-type: none"> • Gained knowledge in Productivity, Efficiency, Knowledge Sharing, Collaborative Working and Innovation Opportunities.
23.	Mr.P.Ramesh Dr.R.Pushpalatha Faculty, Computer Science Department	National Level Five Days FDP on "Entrepreneurial Strategies for Breakthrough Success in your Business & Life"	FDP	21.06.2021 - 25.06.2021	Department of Management Studies, Srinivasan College of Arts & Science, Perambalur.	<ul style="list-style-type: none"> • This FDP helped the working professionals to create a custom roadmap to ensure breakthrough success in businesses.
24.	Mrs.T.Radha Faculty, Biochemistry Dept	Outreach program on “Recycling of Home Waste”	Outreach program	23.06.2021	RVS College of Arts and Science (Autonomous), Coimbatore	<ul style="list-style-type: none"> • Able to gain information on reuse and recycling the home waste

25.	Dr.C.Radhamani Dr.S.Suresh Faculty Department of Mathematics	Introduction to Statistical Softwares	FDP	27.06.2021 to 28.06.2021	Government Arts and Science College Kangayam	<ul style="list-style-type: none"> Acquired knowledge in Statistical softwares and their applications
26.	Mr.P.Ramesh Dr.R.Pushpalatha Faculty, Computer Science Department	FDP on “ Insights of NBA ”	FDP	28.06.2021 - 30.06.2021	Department of IQAC,IT,EXTC and Computer Engineering,K.C. College of Engineering and Management Studies & Research, Thene	<ul style="list-style-type: none"> Gained skills and awareness on NBA Accreditation Process and obtained knowledge in OBE, Blooms Taxonomy, Outcome based Pedagogy for effective Teaching & Learning & Mapping.
27.	Dr.S.Suresh Faculty, Department of Mathematics	Teaching Learning Process through Revised Bloom’s Taxonomy	FDP	01.07.2021 to 02.07.2021	Dr.NGP Institute of technology, Coimbatore	<ul style="list-style-type: none"> This FDP made a clear understanding of Bloom’s Taxonomy
28.	Mr.G.Karthikeyan Faculty, Biochemistry Department	Two Day FDP on “ Recent Advancements in Bio-Composites and Bio-Films ”	FDP	01.07.2021 to 02.07.2021	Department of Mechanical Engineering, Kamaraj College of Engineering and Technology (Autonomous), Madurai	<ul style="list-style-type: none"> Understood the future prospects of Bio-composites and Biofilm
29.	Dr.R.Pushpalatha Faculty, Computer Science Department	AICTE Training And Learning (ATAL) Academy Five Days FDP on “ Integrated Data Analytics - the Tools and Applications around Industry Verticals ”	FDP	05.07.2021 - 09.07.2021	AICTE Training And Learning (ATAL) Academy,Holy Cross College (Autonomous), Tiruchirappalli-2.	<ul style="list-style-type: none"> Acquired information regarding benefits of Data Analytics in Business
30.	Mrs.T.Radha Mr.G.Karthikeyan Faculty,	One week National level FDP on “ Transformation in Indian Education through New Education Policy – Challenges and	FDP	05.07.2021 to 11.07.2021	Government First Grade College for Women, Balmatta, Mangaluru in association with St.Aloysius	<ul style="list-style-type: none"> Able to gain knowledge on transforming the education by NEP in future

	Biochemistry Department	Oppurtunities”			College(Autonomous)Mangaluru.	
31.	Mrs.T.Radha Faculty, Biochemistry Department	CRP,AED and First Aid	Certificate Course	09.07.2021	Alison	<ul style="list-style-type: none"> • Able to understand the basics of First-Aid • Able to perform CRP and AED for Choking patients
32.	Ms.. R. Chitra Faculty Department of Physics	Presented paper on “Study on Moringa gum biopolymer electrolyte with lithium salt” in the International Conference “ Energy, Environment and Advanced Materials for a sustainable future ”	International Virtual Conference Oral Presentation	15.07.2021 & 16.07.2021	Kongu Engineering College, Perundurai	<ul style="list-style-type: none"> • Paved the path to understand the ongoing research works in the “Energy domain”
33.	Dr.R.Pushpalatha Faculty, Computer Science Department	One Day Workshop on “ MySql with Python ”	Workshop	17.07.2021	Department of Computer Science Engineering, Visvodaya Engineering College, Kavali and Pantech E Learning, Chennai.	<ul style="list-style-type: none"> • Gained Knowledge in Python to Work With MySQL such as how to Connect the database, Execute the SQL query.
34.	Mr.P.Ramesh Dr.R.Pushpalatha Faculty, Computer Science Department	Five Days National Level Workshop on “ Learn to Code for Web – Java Programming ”	Workshop	19.07.2021 - 23.07.2021	Pantach e Learning in association with top universities	<ul style="list-style-type: none"> • Acquired knowledge on web development projects that require high scalability and Java is a compatible choice to build such kinds of websites or applications.
35.	Dr.S.Nagarajan Faculty Department of Mathematics	ICT Tools for E-content making	FDP	26.07.2021 - 28.07.2021	St.Joseph’s College of Arts and Science Cuddalore	<ul style="list-style-type: none"> • This FDP explained about the usage of ICT tools in E-content making
36.	Mr.P.Ramesh Dr. R.Pushpalatha Ms.K.Gomathy Faculty, Computer Science	Five Days National Level Workshop on “ Arduino Programming ”	Workshop	26.07.2021 - 30.07.2021	Pantach e Learning in association with top universities	<ul style="list-style-type: none"> • Gained Knowledge regarding basics of Arduino Programming. Arduino is an open-source electronics platform based on easy-to-

	Department					use hardware and software.
37.	Ms. S.Gowthami Faculty, Computer Science Department M.Uthayakumar Faculty Department of Mathematics	Online Faculty Development Programme on “ Outcome Based Education ”	FDP	26. 07.2021 - 01.08.2021.	Department of Management, Karpagam Academy of Higher Education, Coimbatore	<ul style="list-style-type: none"> • Gained Knowledge regarding the importance of Outcome based Education.
38.	Dr.R.Pushpalatha Faculty, Computer Science Department	One Week International Industrial Training Programme on Trending Technology “Block Chain Using Python”	Industrial Training Programme	26.07.2021 - 01.08.2021	Department of Electronics and Communication Engineering, Velalar College of Engineering and Technology, Thindal,Erode in Association with Pantech E Learning, Chennai.	<ul style="list-style-type: none"> • Acquired Knowledge in Block Chain Using Python. Developers can use Python to code a blockchain without the need to write much code
39.	Ms.S.Vidhya Faculty, Computer Science Department	Three day National level Workshop on “ MATLAB for beginners ”	Workshop	28.07.2021 to 30.07.2021.	Srimad Andavan Arts and Science College(Autonomous)	<ul style="list-style-type: none"> • Gained Knowledge regarding MATLAB, builds credibility, develops understanding and analytical skills.
40.	Mrs.T.Radha Faculty, Biochemistry Department Dr. R.Pushpalatha Ms. M.S.Kokila Ms.R.Saveetha Ms. S.Gowthami Ms.S.Vidhya	Five day National level FDP on “ Advancing towards sustainable teaching and learning pedagogy ”	FDP	02.08.2021 to 06.08.2021	DBT Star departments - Kongu Arts and Science College (Autonomous), Erode	<ul style="list-style-type: none"> • Able to understand concepts on sustainable teaching and pedagogy for empowering students

	Faculty, Computer Science Department					
41.	Mr.P.Ramesh Dr. R.Pushpalatha Faculty, Computer Science Department	One Week National Level Workshop on “ Learn Matlab with Image Processing ”	Workshop	02.08.2021 - 08.08.2021	Pantach e Learning in association with Top Universities	<ul style="list-style-type: none"> • Gained Knowledge regarding how to Perform image processing, noise reduction, analysis, image segmentation, 3D image processing.
42.	Dr.R.Pushpalatha Faculty, Computer Science Department	Eight Days International FDP on “ Redefining Social Responsibility and Ethical Leadership ”	FDP	02.08.2021 - 10.08.2021	Faculty Research Cell, Gyanidhi & SRDC, Vidhyanidhi, Center for Management Studies, JAIN (Deemed-to-be University),Bengaluru.	<ul style="list-style-type: none"> • Acquired Knowledge about Socially responsible leaders sustain long-term commitments worthy of their attention over a lifetime or career.
43.	Ms.K.Maithilee Faculty, Physicis Department	Two Weeks International Workshop (Virtual) on “ Emerging Trends in the field of Science and Technology ”	Workshop	16.08.2021 - 28.08.2021	Sathyabama Institute of Science and Technology	<ul style="list-style-type: none"> • Acquired knowledge on advanced features of current new materials and processes in the field of Science and Technology
44.	Ms.R.S. Cindhu Faculty, Department of Biotechnology	Two Week – Interdisciplinary Refresher Course/ Faculty Development Programme on “ Advanced Research Methodology ”	Refresher Course / FDP	20.08.2021- 03.09.2021	Teaching Learning Centre, Ramanujan College, University of Delhi	<ul style="list-style-type: none"> • This program gives the detailed explanation about the research tools and the methods for the selection and execution of tools that are taught.

45.	Mr.P.Ramesh Dr.R.Pushpalatha Ms.S.Vidhya Faculty, Computer Science Department	Six Days National Level FDP on “ Digital Teaching Methods in Higher Education ”	FDP	23.08.2021 - 28.08.2021	PG & Research Department of Commerce with Computer Applications, Hindustan College of Arts&Science (Autonomous), Coimbatore.	<ul style="list-style-type: none"> • Gained information on Digital Teaching Method based on the use of new digital tools to enable the learners to learn in different way.
46.	Ms. S.Nadhiyadevi Faculty, Department of Biotechnology	One Week FDP on “ Open Source Tools for Research ”	FDP	24.08.2021 - 30.08.2021	Teaching Learning Centre, Ramanujan College, University of Delhi	<ul style="list-style-type: none"> • Acquired knowledge about new tools that are used for research and thesis writing.
47.	Dr.R.Pushpalatha Faculty, Computer Science Department	30 Days master Class on “ Internet of Things ”	Certificate Course	19.09.2021 - 18.10.2021	Pantech E Learning, Chennai.	<ul style="list-style-type: none"> • Gained Knowledge regarding IoT, which connects the physical world to the internet, which allows us to use things remotely with ease of access.
48.	Ms.M.S.Kokila Faculty, Computer Science Department	Three Day Faculty Development Programme on “ Outcome Based Extension Activities ”	FDP	23.09.2021 - 25.09.2021	ANJAC EXNORA in association with IQAC Ayya Nadar Janaki Ammal College Sivakasi	<ul style="list-style-type: none"> • Gained Knowledge regarding the importance of Outcome based Education.
49.	Dr.R.Pushpalatha Ms. S.Gowthami Faculty, Computer Science Department Ms.R.Chitra Ms.K.Maithilee Faculty, Physics Department	One Day FDP on “ Investor Awareness ”	FDP	30.09.2021	Sraddha Academy for Financial Education in partnership with Internal Quality Assurance Cell, Kongu Arts And Science College, Erode	<ul style="list-style-type: none"> • Acquired Information about Online trading, 'Do's and Don'ts' in dealing in Capital Markets, Concepts and Importance of Financial Planning, Avenues of Investments and Investor Education and Protection.

50.	<p>Mr.P.Ramesh Ms.P.Thenmozhi Dr.K.G.Santhiya Ms.M.S.Kokila Mr.P.Illayaragu Mr.S.Sivaraja Mr.S.Jaganathan Dr.R.Pushpalatha Ms. K.Gomathy Mr.A.R.Karthekeyan Ms.R.Saveetha Ms. S.Gowthami Mr. D.Gopinath Mr.M.Chandru</p> <p>Faculty, Computer Science Department</p>	<p>Two Days Faculty Development Programme Hands on Training Cum Workshop on “IoT and its Applications”</p>	FDP	22.10.2021 - 23.10.2021	<p>Department of Computer Science (UG), Kongu Arts and Science College, Erode</p>	<ul style="list-style-type: none"> • Gained knowledge on the components that forms part of IoT Architecture and development of IoT applications
51.	<p>Dr.R.Pushpalatha Faculty, Computer Science Department</p>	<p>30 Days master Class on “Machine Learning”</p>	Certificate Course	15.11.2021 - 14.12.2021	<p>Pantech E Learning, Chennai.</p>	<ul style="list-style-type: none"> • Obtained Knowledge about applications of machine learning such as Image Recognition, Speech Recognition, Traffic prediction and Online Fraud Detection.
52.	<p>Dr.A.K.Vidya Mr.R.Rasu Mr.S.Natarajan Ms.T.Radha</p> <p>Faculty, Biochemistry Department</p>	<p>7 - Day National Level Virtual Faculty Development Programme titled "Strategic Uplift and Augmentation of Quality in Affiliated Colleges"</p>	FDP	29.11.2021 - 05.12.2021	<p>United College of Arts and Science, Coimbatore</p>	<ul style="list-style-type: none"> • Gained knowledge on the various attributes of Quality enhanced Teaching – learning process needed for the fulfilment of NAAC Assessment and Accreditation process
53.	<p>Ms.S.Vidhya Faculty, Computer Science Department</p>	<p>Three days National level virtual FDP on Graph theory</p>	FDP	21.12.2021- 23.12.2021	<p>Vellalar college for women(Autonomous)</p>	<ul style="list-style-type: none"> • The Program helped to understand how Graph theory can be used in research areas of computer science such as data mining, image segmentation,

						clustering, image capturing, networking etc.,
54.	Mr.P.Ramesh Ms.M.S.Kokila Ms.S.Vidhya Faculty, Computer Science Department	Online FDP Webniar on "Gender Sensitive Monitoring and Evaluation "	FDP	03.12.2021	Department of Commerce, Kongu Arts and Science College, Erode	<ul style="list-style-type: none"> • Obtained Knowledge regarding the gender sensitivity.
55.	Ms.R.Chitra Ms.K.Maithilee Faculty, Physics Department	Oral Presentation on "Study on iota carrageenan based biopolymer electrolyte with zinc nitrate for zinc batteries "	International Virtual Conference Oral Presentation	20.12.2021 & 21.12.2021	Bannari Amman Institute of Technology Sathyamangalam	<ul style="list-style-type: none"> • Gained knowledge on various research thrust of Physics and accelerated to explore further
56.	Mr.G.Karthikeyan Faculty, Biochemistry Department	National level Online Workshop on "Art of Drafting Literature Review for Social Science Research "	National level Online Workshop	22.01. 2022	Kongu Business School , Kongu Engineering College, Erode	<ul style="list-style-type: none"> • Able to draft the Literature Review for Research work
57.	Mr.P.Ramesh Ms.M.S.Kokila Mr.S.Jaganathan Dr.R.Pushpalatha Ms. K.Gomathy Mr.A.R.Karthekeyan Ms.R.Saveetha Ms. S.Gowthami Mr. D.Gopinath Mr.M.Chandru Ms. S.Vidhya Ms. M.Sindhu Faculty, Computer Science Department	One Day FDP cum Workshop on "Implementation of Outcome Based Curriculum Frame Work "	FDP & Workshop	27.01.2022	OBE Monitoring Committee in association with DBT Star College Departments (Biochemistry,Bio- technology,Maths,Comput er Science & Physics), Kongu Arts and Science College (Autonomous), Erode.	<ul style="list-style-type: none"> • Gained Knowledge regarding OBE, Course Objectives, Course Outcome, Program specific Outcome, Programme Outcomes and Mapping.

58.	Mr.K.Mohanapriyan Faculty, Physics Department	Magnetic Materials and its Applications	Virtual Workshop	29.01.2022	Kongunadu college of Engineering and Technology (Autonomous), Trichy	<ul style="list-style-type: none"> • Acquaint with the production processes of new magnetic materials and their applications
59.	Ms.K.Maithilee Faculty, Physics Department	Radiation Effects on Polymers and Advances in Organic Optoelectronic Devices	FDP	02.02.2022 & 03.02.2022	Vaagdevi College of Engineering (UGC Autonomous)	<ul style="list-style-type: none"> • Learnt the effect of radiation on Polymers and protective measures. Also, gained knowledge on characterization of Optoelectronic Devices
60.	Mr.P.Ramesh Ms. M.S.Kokila Mr.S.Jaganathan Dr.R.Pushpalatha Mr.A.R.Karthekeyan Ms.R.Saveetha Ms. S.Gowthami Mr. D.Gopinath Ms. M.Sindhu Ms.Soundaram Faculty, Computer Science Department	Seven Days Short Term Training Programme on “ Cyber Security and Threat Landscape ”	STTP	15.03.2022 - 22.03/2022	School of Computer Science, Kongunadu Arts and Science College (Autonomous), Coimbatore and Dept. of Computer Science UG/CA/CT/IT/PG Kongu Arts and Science College (Autonomous), Erode.	<ul style="list-style-type: none"> • Gained Knowledge regarding Cyber Security and Threat Landscape such as Phishing attacks, Cloud Security

VIII. FACULTY IMPROVEMENT PROGRAM

(A). ORGANISED

S.No	Organizers	Resource Person	Program Topic	Date	Beneficiaries	Program Outcome
1.	Computer Science	Mr.S.Jaganathan & Mr.M.Chandru Assistant Professors in CS, Kongu Arts and Science College(Autonomous), Erode.	Faculty Improvement Programme on Open Source / Licensed Software Installation	06.12.2021	Non Teaching Staff Members of KASC (22)	<ul style="list-style-type: none"> Non Teaching Staff Members gained knowledge about Open Source Softwares and Installation of Open Source/Closed Source Softwares.

IX. COMPETITION FOR STUDENTS

S.No	Organizing Department	Event	Program Topic	Date	Beneficiaries	Program Outcome
1.	Mathematics	National Statistics Day Quiz	Online Quiz	29.06. 2021 - 03.07.2021	Student Participants (860)	<ul style="list-style-type: none"> Students got knowledge in Statistics
2.	Physics	Competitions	'Accelerate' – Intramural Competitions	17.11.2021	I & II B.Sc., Physics Students (40)	<ul style="list-style-type: none"> Developed the team spirit and Leadership quality among the students
3.	Computer Science	Competitions	ThinkFest (Intra-Dept. Competitions)- Prelims	25.10.2021	Computer Science Students (136)	<ul style="list-style-type: none"> This activity provided a platform for the students to exhibit their knowledge in science & technology.

4.	Computer Science	Competitions	ThinkFest (Intra-Dept. Competitions)- Finals	12.11.2021	Computer Science Students (5)	<ul style="list-style-type: none"> • Students were given chance to assess and improve their knowledge retention and transfer.
5.	Biotechnology and IIC	Presentation on “ World Energy Conservation Day ”	Students Competition	14.12.2021	Student Participants (100)	<ul style="list-style-type: none"> • The students quoted interesting strategies and also how to reduce, reuse and recycle the products in the Universe.
6.	DBT Star Departments	National Science day Celebrations	Competitions Conducted <ul style="list-style-type: none"> • Logo Designing • Poster presentation, • Science Exhibition • Quiz contest • Content creation contest • Start up Innovative Ideas 	28.02.2022	Students of KASC (180)	<ul style="list-style-type: none"> • This activity provided a platform to exhibit and share their knowledge in Science and technology with Innovative ideas. • Students enthusiastically participated in various competitions such as Essay writing, Poster presentation, Working Models, Quiz competition and Content creation contest. • Competitions motivated the students to understand the importance of innovations in Science & Technology

			Responsible Citizen Award			<ul style="list-style-type: none"> • Students of our College who have volunteered for humanitarian service and made a remarkable contribution to the Society were honored with Responsible Citizen Award.
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X .EXTENSION ACTIVITY

S.No	Organizing Department	Program Topic	Nature of Extension Activity	Date	Beneficiaries	Program Outcome
1.	Biochemistry	COVID-19 Vaccination Camp	Extension Activity	06.09.2021	Students and Faculty members (93)	<ul style="list-style-type: none"> • It was exclusively organised for Students and Faculty members who were not provided with necessary vaccination earlier, the camp was set up to vaccinate them in a proper way.
2.	Biochemistry	Health Care Camp	Extension Activity	07.09.2021	Teaching and Non-Teaching Staff Members (183)	<ul style="list-style-type: none"> • It provided free medical advice, refer for specialized treatment whenever it is required. • These camps made sure people are getting healthcare at the right time, and visiting the doctor early enough before a small health problem turns serious.

3.	Physics & Computer Science	E-Waste Management	Extension Activity	21.10.2021	Students of KASC (50) and Public	<ul style="list-style-type: none"> Organised to develop social and environmental consciousness among the student community, extension activity on E-waste management was carried out. 27 kg of E-waste were collected in and around Erode and the same was handed over to Olirum Erode Foundation.
4.	Biotechnology	Awareness Program on Breast Cancer Awareness Program on Breast Cancer	Health Awareness Programme	25.10.2021	Public in Nasiyanur Village (50)	<ul style="list-style-type: none"> This Program provided a platform for Women community who know about the risk factors related to Breast cancer and they enthusiastically clarified their doubts.
5.	Mathematics	Basic Mathematics and Vedic Mathematics Panchayat Union Primary School , Nanjanapuram, Erode	Extension Activity	01.11.2021	School students (33)and College students (54)	<ul style="list-style-type: none"> The school students learnt basic mathematical concepts and speedy arithmetic through Vedic Mathematics and Math Models and charts in an easy method
6.	Biotechnology	Teaching by Taught – To infuse Science Temperament among Orphanage Students	Skill Development Program	03.11.2021	Biotechnology Students (50)	<ul style="list-style-type: none"> Students participated in the Demo sessions and were highly responsive for the Competitions. Prizes were distributed for their energetic participation

7.	Mathematics	Training Programme for School teachers on Usage of Smart Board and Teaching Mathematical Software Geogebra at Govt. High School Valayapalayam (Tribal area) Gobi	Outreach Activity	01.12.2021	School students (150) and College students (55)	<ul style="list-style-type: none"> The Faculty and students of the School learnt Mathematical software Geogebra and smart board usage. Also, Math aids and ICT tools were donated to the school
8.	Physics	Awareness Programme on Energy Conservation	Extension Activity Commemoration of World Energy Conservation Day	14.12.2021	PUPS Kathirampatti Primary School	<ul style="list-style-type: none"> Our Students were given awareness on the usage of LED bulbs for saving electricity and electricity bill to the school children. LED bulbs were distributed to PUPS Kathirampatti Primary School
9.	Biochemistry	Training by Trainee Hands on Workshop on Mushroom Cultivation and Azolla Cultivation For Public Maarappampalayam area, Erode District	Extension Activity	26.01.2022	16 Members from Public and	<ul style="list-style-type: none"> Students and Faculty the skill transfer hands-on workshop for the public. They demonstrated and explained them regarding mushroom and Azolla cultivation techniques & procedures to be followed to get better yield. This activity was an effort to support people to be small scale entrepreneurs.
10.	Biotechnology	Awareness Programme on Dengue fever Govt.Boys Higher Secondary School Perundurai	Awareness Programme	22.02.2022	School students (50) and Biotechnology students (10)	<ul style="list-style-type: none"> The motive of the activity is to impart awareness for students regarding Dengue

						<p>Fever.</p> <ul style="list-style-type: none"> • Various competitions like Debate and Quiz were conducted among the students and were rewarded with prizes.
11.	Computer Science	IT Awareness Programme on Work Smarter with Microsoft Office	Extension Activity-	22.02.2022	VI to XII standard Orthopedically Handicapped students (60) of Erode Arima Society Trust, Special School for Differently Abled, Sengodampalayam, Thindal,Erode.	<ul style="list-style-type: none"> • Students gained knowledge in Microsoft Word, Microsoft Excel, Microsoft Power Point, Microsoft Publisher, Microsoft OneNote.

XI. Industrial Visit Report (2021 – 2022)

S.No	Department	Place of Visit	Date of Visit	Beneficiaries	Learning Outcome
1.	Biochemistry	Aavin Diary Unit, Chithode	18.11.2021	Biochemistry students (44) and Faculty members (2)	<ul style="list-style-type: none"> This visit helped students to learn about the preparation of skimmed and non-skimmed milk and other products such as ghee, butter, yoghurt and the working mechanism of silo tanks, tum tanks and their uses, as well as methods for estimating fat and moisture in milk. It was an opportunity for the students to learn about the role of the Biochemistry in the production of Dairy products.
2.		Milky Mist Dairy Food Pvt Ltd, Perundurai	04.01.2022	Biochemistry students (60) and Faculty members (3)	<ul style="list-style-type: none"> It was an opportunity for the students to learn about the role of the Biochemistry in the production and Quality control of Dairy products especially the Value Added Products from Milk like Paneer, Curd, sweet curd, Ghee, Cheese and its packing techniques and also the employment opportunities in this field The Establishment history of Milky Mist also motivated students to convert their ideas into action and enlightened their entrepreneurial mind.

3.	Biotechnology	SPAC Starch Products (India) Ltd., Anthiyur.	28.12.2021	Biotechnology Students (46)	<ul style="list-style-type: none"> • Students obtained knowledge about extraction and utilization of Starch as a byproduct in various sectors.
4.		RR Aqua Industries, Modakurichi	22.02.2022	Biotechnology Students (50)	<ul style="list-style-type: none"> • Students learnt about the manufacturing of Aqua water, purification of water and cleaning process carried out in their industry.
5.	Physics	Kongu FM Centre	01.12.2021	II B. Sc., Physics (27)	<ul style="list-style-type: none"> • Students acquired knowledge on recording and broadcasting process in detail