



AQAR 2020-21

6.5 Internal Quality Assurance System

6.5.3 Quality Assurance Initiatives Of The Institution

Academic Administrative Audit

INTERNAL QUALITY ASSURANCE CELL
St. Joseph's College (Autonomous)
Tiruchirappalli-2

Ref. No. 23 / 2020-21

03.03.2021

ANNUAL REPORT

Dear Professors,

Kindly furnish the following details with relevant evidence for the preparation of the Annual Report of the Academic Year 2020-21 (from March 2020 to March 2021)

S.No.	Category
1	a) Delegates : Attended Lectures, Workshops, Seminars, etc., b) Resource Persons : Delivered Lectures, Key Note Address, Consultancy offered, etc.,
2	Papers Presented in Seminars/Conferences/Workshops at Regional / National / International levels
3	Papers Published in Refereed Journals with ISSN at Regional / National / International levels (the Softcopy of the Paper and Indexed Database should be provided)
4	Books : Authored / Co-authored / Edited/ Chapters contributed
5	a) Ph.D. Conferred b) Ph.D. Submitted
6	a) Professional Enrichment Knowledge Upgradation through Courses like Refresher/Orientation/Short term Courses, etc. Acquired Additional Degree/Diploma Honour / Award received b) Funds Mobilized Research Grants received for Minor / Major Projects to conduct Courses / Workshops / Conferences , etc.
7	Departmental Activities Organised Seminars/ Workshops/ Conferences / Special Courses , etc.
8	Memorial / Endowment Lectures Organised

To ensure clarity and uniformity, to quantify various activities and to classify data, you are hereby **requested to use the template attached (1. Evaluative Report of the Department and 2. Annual Report of the Department.** Fill in the formats appropriately and **take printout** (hard copy) in single line spacing only **in landscape** orientation.

To avoid the redundant submission of relevant evidences to Annual Academic Audit (AAA) 2020-21 and to Self Appraisal Report of the faculty, you are expected to submit the following items:

- 1) *Details to be included in the Annual Report for the year 2020-21 as per the template provided*
- 2) *A copy of the updated Self Appraisal Report (SAR) of the individual faculty in the Faculty Portal (ERP) (accomplished in this academic year only) duly verified and signed by the Head / Coordinator of the department*
- 3) *Based on the SAR submitted by the faculty, provide the evidences as per the order mentioned in the above Table, with the faculty seniority indicating S.No. on the Right Top corner of the SAR.*
- 4) *Even if the faculty is not having anything to submit, his/her empty SAR should be submitted*
- 5) *Evaluative Report of the Department for the Year 2020-21, for AAA*
- 6) *A two-page report of the activities and achievements of the department*

Submit the details in 3 different folders, viz. :

(i) Details of the Department for Annual Report

(ii) Self Appraisal Report with Evidences and

(iii) Evaluative Report of the Department

to the Dean-IQAC in person on or before 31st March 2021 - 4.00 p.m.

You are also requested to **submit the Items 1, 5 and the PPT of AAA Presentation in CD by mentioning the Name of the Department and the Academic Year as three files, in Word Format only.** Kindly avoid giving the details in any other format.


Dr. A. ROSE VENIS
DEAN-IQAC

St. Joseph's College (Autonomous)
Tiruchirappalli-620 002

To

Staff Notice Boards of Shift I & Shift II

Jesuit Residence Notice Board

All the Heads of the Departments / Coordinators


Rev. Dr M. Arockiasamy Xavier SJ
Principal



INTERNAL QUALITY ASSURANCE CELL

St. JOSEPH'S COLLEGE (Autonomous)

Accredited at A⁺⁺ Grade (4th Cycle) by NAAC Special Heritage Status Awarded by UGC
College with Potential for Excellence by UGC DBT-STAR & DST-FIST Sponsored College

TIRUCHIRAPPALLI - 620 002

Ref. No. 26 / 2020-21

09.04.2021

Annual Academic Audit – 2020-21


Respected Rev. Father and Professors,

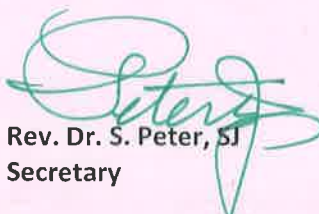
The Annual Academic Audit presentation will be held on 20th & 21st April, 2021 at Principal's Office.
The schedule and the necessary instructions are given below:


20.04.2021 (A15)		21.04.2021 (B15)	
Department	Time	Department	Time
Botany	09.10 – 09.50 am	English	09.10 – 09.50 am
Chemistry	09.50 – 10.30 am	Tamil	09.50 – 10.30 am
Physics	10.30 – 11.10 am	History	10.30 – 11.00 am
Computer Science	11.30 – 12.10 pm	HRM	11.00 – 11.30am
Mathematics	12.10 – 12.50 pm	Commerce	11.45 – 12.20 pm
Statistics	12.50 – 01.30 pm	Economics	12.20 – 12.50 pm
Biochemistry	02.30 – 03.00 pm	Electronics	12.50 – 01.15 pm
Biotechnology	03.00 – 03.30 pm	Commerce CA	02.30 – 03.00 pm
B.Voc. SD & SA	03.30 – 04.00 pm	BBA	03.00 – 03.30 pm
Information Tech.	04.00 – 04.30 pm	B.Voc. Viscom	03.30 – 04.00 pm
B.Com Honors	04.30 – 05.00 pm	B.Sc. Viscom	04.00 – 04.30 pm
Counseling & Psychology	05.00 – 05.30pm	Data Science	04.30 – 05.00 pm

MBA

- Submit all the reports and evidences before the presentation day.
- On the scheduled date and time, HoDs will present the report based on the questionnaire sent on 30.03.2021 followed by the interface-interaction with administrators.
- Head, UG Professor / Second in roll, Micro Quality Circle Member(s) are expected to take part in the interface meeting, representing the department.
- Discuss the presentation in the Department and present it on the Audit Day. Minutes of the meeting with the signature of the faculty members attended should be submitted on the Audit Day.
- The final PPT should be submitted to your school Dean's mail-id as well as to Dean - IQAC through iqaccoor@mail.sjctni.edu, on or before 16th April 2021 by 12.00 noon.


Dr. A. Rose Venis
Dean - IQAC


Rev. Dr. S. Peter, SJ
Secretary


Rev. Dr. M. Arockiasamy Xavier, SJ
Principal

INTERNAL QUALITY ASSURANCE CELL (IQAC)**ST. JOSEPH'S COLLEGE (AUTONOMOUS), TIRUCHIRAPPALLI – 620 002****Annual Academic Audit : 2020 – 2021**

S.No.	Attributes	Max Marks	School of Biological Sciences			
			Botany	Biochem	Biotech	Remark
0	1. Action plan submitted 2. Plans accomplished 3. Reasons for non accomplishment	10				
I	4. Unique feature(s) of the department 5. Uniqueness in curricular design in UG/PG/ M.Phil. 6. Value added courses conducted	5				
II	7. Various Teaching-Learning Methodologies followed 8. Result analysis: Even Semester (2019-20), Odd Semester (2020-21) – action taken	15				
III	9. Conferences / Workshops conducted and outcome, funds mobilized for the same 10. Publications and Indexing: Journal (N, IN), Conferences (R, N, IN) IPR, etc 11. Faculty as: Resource Person in Conferences, Invited Speaker on different activities, Governing Body member of other Institutions, Special invitees, etc. 12. Projects: Proposals sent and Grant Received 13. Linkages/Collaboration/ Consultancy created and offered 14. Start –ups/ incubation created 15. Seed money for research from management	15				
IV	16. Infrastructure appended 17. Lab equipments purchased and fund details 18. Research equipments added and fund details	10				
V	19. Students Admission rate and the demand ratio 20. Reports and outcome of the Parent–Teacher Meet 21. Student Progression to Higher Studies & Placement(2020 April passed out students) 22. Remedial Coaching Classes held (or) Steps taken for supporting slow learners 23. Classes conducted towards facing Competitive Exams (<i>GATE / UGC / SET / NET / CAT / GMAT / Others</i>) by the department and outcome 24. Student participation in Academic & Cultural Events (inside & outside) 25. Support to fast learners	15				
VI	26. e-materials/Books/Lecture Notes written by the faculty 27. Top-up initiatives undertaken	10				

	28. Visit of Eminent Scholars to the Department				
	29. Alumni/ae Meeting/Get-together				
	30. MoUs signed				
	31. Awards received by staff and students				
VII	32. Ph.D Submitted	10			
	33. Ph.D. Conferred by the University				
	34. New initiatives undertaken to strengthen the student and the faculty				
	35. Expertise used as editorial member in journals of repute				
	36. New best practices created				
	37. Association Activities				
VIII	38. SWOC analysis of 2020-21 with reference to 2019-20	5			
	39. Future Plans				
IX	Quality of Presentation	5			
	Total	100			

Comments :



Signature

Dr. A. ROSE VENIS
DEAN-IQAC

St. Joseph's College (Autonomous)
Tiruchirappalli-620 002

INTERNAL QUALITY ASSURANCE CELL (IQAC)

ST. JOSEPH'S COLLEGE (AUTONOMOUS), TIRUCHIRAPPALLI – 620 002

Annual Academic Audit : 2020 – 2021

Dr. Sathish

Dr. S. Sathish

SBS – Dean

S.No.	Attributes	Max Marks	School of Biological Sciences			
			Botany	Biochem	Biotech	Remark
0	1. Action plan submitted 2. Plans accomplished 3. Reasons for non accomplishment	10	10	7	9	
I	4. Unique feature(s) of the department 5. Uniqueness in curricular design in UG/PG/ M.Phil. 6. Value added courses conducted	5	5	3	4	
II	7. Various Teaching-Learning Methodologies followed 8. Result analysis: Even Semester (2019-20), Odd Semester (2020-21) – action taken	15	13	11	13	
III	9. Conferences / Workshops conducted and outcome, funds mobilized for the same 10. Publications and Indexing: Journal (N, IN), Conferences (R, N, IN) IPR, etc 11. Faculty as: Resource Person in Conferences, Invited Speaker on different activities, Governing Body member of other Institutions, Special invitees, etc. 12. Projects: Proposals sent and Grant Received 13. Linkages/Collaboration/ Consultancy created and offered 14. Start –ups/ incubation created 15. Seed money for research from management	15	14	5	10	
IV	16. Infrastructure appended 17. Lab equipments purchased and fund details 18. Research equipments added and fund details	10	7	7	7	
V	19. Students Admission rate and the demand ratio 20. Reports and outcome of the Parent–Teacher Meet 21. Student Progression to Higher Studies & Placement(2020 April passed out students) 22. Remedial Coaching Classes held (or) Steps taken for supporting slow learners 23. Classes conducted towards facing Competitive Exams (GATE / UGC / SET / NET / CAT / GMAT / Others) by the department and outcome 24. Student participation in Academic & Cultural Events (inside & outside) 25. Support to fast learners	15	12	10	11	
VI	26. e-materials/Books/Lecture Notes written by the faculty 27. Top-up initiatives undertaken	10				

	28. Visit of Eminent Scholars to the Department					
	29. Alumni/ae Meeting/Get-together		8	6	6	
	30. MoUs signed					
	31. Awards received by staff and students					
VII	32. Ph.D Submitted					
	33. Ph.D. Conferred by the University					
	34. New initiatives undertaken to strengthen the student and the faculty	10	8	5	6	
	35. Expertise used as editorial member in journals of repute					
	36. New best practices created					
	37. Association Activities					
VIII	38. SWOC analysis of 2020-21 with reference to 2019-20	5	4	3	4	
	39. Future Plans					
IX	Quality of Presentation	5	5	4	5	
	Total	100	86	61	75	

Comments :


Signature

- 1) Interaction session is highly motivative.
- 2) Each Department came to understand their lacuna by this presentation.

ANNUAL REPORT OF DEPARTMENT OF BOTANY

1. STAFF INVOLVEMENT FROM THE DEPARTMENT IN 2020-21

Department Administration:	HEAD	: Dr. S.R. Senthilkumar
	Ph.D., M.Phil., Programmes in-charge	: Dr. S.R. Senthilkumar
	PG Programme Coordinator	:
Micro Quality Circle Member(s)	: Dr. T. Francis Xavier; Dr. A. Johny Kumar Tagore	
Association President	: Dr. Anusuya, S.	
Any specific Labs / Courses in-charge	: Value added Courses: Dr. S.R. Senthilkumar and Dr. M. Bastin Churchill	
College Administration	: Rev. Dr. John Peter Arulanandam - Vice-principal, Director, Rapinat Herbarium, Environment Club Co-ordinator Dr. S. Sahaya Sathish - Dean Dr. S.R. Senthilkumar, Co-ordinator, IPR Cell Dr. K. Rajan, Assistant Director, Museum and In-Charge. Vermicompost yard Dr. A. Egbert Selwin Rose, Member, IPR Cell Dr. S. Soosairaj, ACIC Co-ordinator Dr. H. David Raja - NCC - Air Wing - Station In-charge Dr. S. Anusuya, Member, Entrepreneurship Development Cell	

Compilation of Activities:

	International	No. of Staff	National	No. of Staff	Regional	No. of Staff
Research Activity : Papers Published in Journals	10	5	-	-	-	-
Papers Presented in Conferences	-	-	-	-	-	-
Conferences/ Workshops / Seminars Organised	17	12	-	-	-	-
No. of Endowment Lectures Conducted	2	-	-	-	-	-
No. of Books Published / Edited	-	-	-	-	-	-
No. of Collaborations	2	1	-	-	-	-
Grants Received	Govt. Rs. 28,500 + 7,500/-			Mgt. Rs.		

2. ACADEMIC ACTIVITIES

(a) Conferences, Workshops, Seminars (International, National level/State level), Endowment Lectures Organised
 (b) MoUs Signed (c) Value Added Courses Conducted (d) Ph.D. Conferred (e) Ph.D. guides, (f) Ph.D. Thesis Submitted
 (g) Ph.D. New Enrolment (h) Linkages (i) Consultancy and Corporate Training (j) Collaborative Activities (k) Funds Received

(a) Conference & Endowments conducted by the Department (Include Online Activities also)

S. No.	Name of the Endowment/Conference/Workshop, etc.,	Nature I/N/S	Date From - To	Speaker's Name and Affiliation	Title of the Talk	Beneficiaries	No. of Beneficiaries
1.	Epidemics- the dynamics of infectious diseases (Online course)	National	21/04/2020 – 29/04/2020	Dr. S. R. Senthilkumar, Head, Department of Botany, St. Joseph's College, Trichy.	Epidemics- the dynamics of infectious diseases	Students, Research Scholars, Faculty	91
2.	Histochemistry (Quiz)	National	10/05/2020	Dr. S. R. Senthilkumar, Head, Department of Botany, St. Joseph's College, Trichy.	Histochemistry (Quiz)	Students, Research Scholars, Faculty	83
3.	Phytochemical methods (Quiz)	National	20/05/2020	Dr. S. R. Senthilkumar, Head, Department of Botany, St. Joseph's College, Trichy.	Phytochemical methods (Quiz)	Students, Research Scholars, Faculty	200
4.	Strategies to control covid-19	International	30/05/2020	Dr. X. Baskaran, PDF, Sun Yat-sen University. China	Strategies to control Covid-19	Students, Research Scholars, Faculty	176
5.	Recent trends in	International	03/06/2020	Dr. Anburaj, Scientist,	Immunology and	Students,	150

	Biological Sciences (Conference along with St. Andrew's College, Gorakhpur, UP)		& 04/06/2020	Singapore Dr. Ashok Kumar, Professor, Thailand Dr. Bakrudeen, Professor, Viet Nam Dr. P. Baskaran, Principal Scientist, Australia Prof. Thajuddin, BDU Dr. Parimelazhagan, Prof. BU Dr. Rajasekaran, Scientist, IFGTB Prof. Arun Kharat, JNU	Paracitology Biotechnology and Bioinformatics Health and allied Sciences Cell and Molecular Biology Aquatic Biology Pharmacology Conservation Biology Developmental Biology	Research Scholars, Faculty	
6.	Microbes, the drivers of human life	National	06/06/2020	Dr. G. Velmurugan, Scientist, KMCH Research Foundation, Coimbatore	Microbes, the drivers of human life	Students, Research Scholars, Faculty	280
7.	Genetic factors: The root cause of drug response variation	International	13/06/2020	Dr. D. Vishnu Prabhu, Post-Doctoral Fellow, University of Maryland, Baltimore, USA	Genetic factors: The root cause of drug response variation	Students, Research Scholars, Faculty	284
8.	Bioscience: A glance in learning & sharing (webinar series)	International	24/06/2020 – 26/06/2020	Dr. S. Sivasubramanian Former vice-chancellor of Bharathiar University, Coimbatore Dr. K. Sahayaraj, Associate Professor of Zoology, St. Xavier's College, Palayamkottai	Teachers and Technology Bionanomaterials for pest management	Students, Research Scholars, Faculty	276

				Dr. K. Ravindran, PDF, Agricultural Research Organization, Israel	Entomopathogenic fungi: An effective biocontrol agent for management of insect population		
				Dr. R. Ananthan, Scientist 'D' (ICMR), National Institute of Nutrition, Hyderabad	Food & nutrition security: Role of indigenous food system		
9.	Start-up Ecosystem in Biological sciences sector (along with IIC & EC of SJC)	International	09/07/2020	Dr. B. Ramanathan, Founder & Managing Director, ACE International Pvt. Ltd, Singapore	Start-up Ecosystem in Biological sciences sector (along with IIC & EC of SJC)	Students, Research Scholars, Faculty	417
10.	Human origin, health & diseases	National	14/07/2020	Dr.K.Thangaraj, Chief Scientist, CSIR- Centre for Cellular and Molecular Biology, Hyderabad	Human origin, health & diseases	Students, Research Scholars, Faculty	706
11.	Impact of climate change on biodiversity and world food security	International	15/07/2020	Dr. Wafaa M. Ameer, Head, Professor of Taxonomy and Flora, Botany and Microbiology Department, Faculty of Science, Cairo University, Egypt.	Impact of climate change on biodiversity and world food security	Students, Research Scholars, Faculty	384
12.	Micro algae technology for industrial effluent treatment and restoration	National	17/07/2020	Dr. Sivasubramanian, Director, Phycospectrum Environmental Research Center, Chennai.	Micro algae technology for industrial effluent treatment and	Students, Research Scholars,	240

	of polluted water bodies				restoration of polluted water bodies	Faculty	
13.	Natural products for human health management	National	22/07/2020	Dr. M.Mathivanan, Professor and Director, Centre for Advanced Studies in Botany, University of Madras, Chennai	Natural products for human health management	Students, Research Scholars, Faculty	356
14.	Unlocking approaches in biological research (along with SJC Biotech)	International	24/07/2020 – 26/07/2020	Dr. Joseph Selvin Professor & Head of Department of Microbiology Pondicherry University Puducherry.	Metagenomic approaches in exploration and exploitation of Microbiomes	Students, Research Scholars, Faculty	372
				Dr. Padmanaban Mohanan Post Doctoral Researcher Plant Genomics and Breeding institute Department of Plant Sciences College of Agriculture and Life Sciences Seoul National University Republic of Korea	An insight into the research in Panax ginseng; the physiology, breeding and the omics		

				Dr. Agatheswaran Associate Researcher Division of Molecular Medicine and Genome Therapy Lund University Sweden	Blood forming cells – regeneration for life and the evil twins		
15.	Current issues emerging over environment & education	National	28/07/2020	Dr. S. Jeyakumar PhD, Professor and Head of the department of Ecology and Environmental Science University of Pondicherry Pondicherry	Forest fire trends in India and its impact on biodiversity	Students, Research Scholars, Faculty	422
				Dr. K. Arun Kumar, PhD, Professor and Head of the department of Plant Science Central University Of Kerala, Kasargod, Kerala	Current advantages and future features of massive open online courses		
16.	Medicinal plants research & drug discovery	International	03/08/2020 -06/08/2020	03 Aug.2020 Topic: 1. A Journey from Basic to Applied Research" Dr. W.R. Priyanga Wijesinghe Senior Lecturer Faculty of Science, University of Peradeniya, Peradeniya Sri Lanka 04 Aug.2020 Topic : 2 . Role of herbal immunostimulants in Aquaculture. Dr. K. MARIMUTHU, Professor		Students, Research Scholars, Faculty	468

			<p>Department of Biotechnology, Faculty of Applied Sciences AIMST University Bedong-Semeling, 08100 Semeling Kedah Darul Aman, Malaysia</p> <p>5 Aug.2020 Topic 3: Plant DNA Barcoding- What, How and Why ? Dr. R. Sathishkumar Professor and Program Coordinator M.Sc. Medical Biotechnology Program (DBT supported) Department of Biotechnology of Bharathiar University Coimbatore 641 046 Tamil Nadu India.</p> <p>6 Aug.2020 Topic 4: Ethnopharmacology and Drug Discovery. Seethapathy GS Department of Chemistry and Biology, School of Computer, Mathematical & Natural Sciences Morgan State University 1700 East Cold Spring Lane Baltimore,</p>			
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				Maryland 21251, USA			
17.	International Virtual Conference on Frontiers in Biological Research	International	15/02/2021 – 21/02/2021	Dr.P.Gopinath, Associate Professor, Department of Biotechnology, Joint faculty in Centre for Nanotechnology, Indian Institute of Technology(IIT), Roorkee.	Nanomaterials for Cancer Diagnosis and Therapy	Students, Research Scholars, Faculty	
				Dr. Kavita Babu, Associate Professor and India Alliance Senior Fellow, Centre for Neuroscience, IISc, Bangalore	Maintaining Acetylcholine Receptors: What have Claudins got to do with it?		
				Dr. Aashish Ranjan Staff Scientist IV & Ramalingaswami Fellow. National Institute of Plant Genome Research, New Delhi	Optimizing plant developmental features for food security: A case study with Photosynthesis		
				Dr. Aparna Shankar, Research Scientist, Rajiv Gandhi Centre for Biotechnology, Trivandrum	Antimicrobial Resistance: Present scenario and the way forward		
				Dr. Pushpanathan Muthurulan, Research Scientist, Department of Human Evolutionary Biology, Harvard University, US	OMICS Approaches to Study Human Diseases		
				Dr. Gaurav Zinta, Senior Scientist, CSIR-Institute of Himalayan Bioresource Technology, Palampur, Himachal Pradesh, India	An Integrative View On Plant Responses To Changing Climate		

				Dr. Bhavana Muralidharan, Scientist & Assistant Investigator, DBT/Wellcome Trust India Alliance Intermediate Career Fellow, inStem – Institute for Stem Cell Science and Regenerative Medicine, Bengaluru, India	Building The Brain: Role Of Transcription Factors And Chromatin Regulators		
18.	51 st Fr. Balam Memorial Lecture	National	05.02.2021	Dr. R.S.C. Jayaraj, Director, Rainforest Research Institute, Jorhat, Assam.	Botanical wealth of Northeast India	UG, PG, Research Scholars	200
19.	Mrs. Thanapackiam Robert Jeyachandran Endowment lecture	National	12.03.2021	Dr. Vivek Dogra, Senior Scientist, CSIR-Institute of Himalayan Bioresource Technology, Palampur, Himachal Pradesh.	Role of chloroplasts as environment sensors	UG, PG, Research Scholars	200

Note: Submit Softcopies of necessary Evidence

(b)MoUs with Institutions of National, International Importance, Other Universities, Industries, Corporate Houses, etc.

Name and Address of the Organisation with which MoU is Established	Type (Institution/ Industry/ Corporate House, etc.,)	Year of Establishment of MoU	Duration	List of Activities in the current year	Number of Students / Teachers participating in Activities related to MoU
Indian Institute of Crop Processing Technology, Thanjavur	Institution	2016	2016–2021	Educational visits	Not this year due to Covid-19
India Academy Science College, Bangalore	Institution	2021	2021-2026	Knowledge Sharing, Visitation	1/0
Indian Institute of Horticultural Research, ICAR, Bangalore	Institution	2016	2016-2021	PG-Project	1/1

Note: Submit Softcopies of the MoUs

(c) No. of Value Added Courses Conducted (Courses with 30 or more contact hours conducted after class hours)

S. No.	Name of the Value Added Course	Course Code	No. of times Offered during the Same Year	Duration of the Course	No. of Students Enrolled	No. of Students Completing the Course
1	Horticulture and landscaping	20BOV01	2019-20	08-02-2021-22-02-2021	30 hours	39

Note: Submit softcopy of Detailed Report of the Course (Invitation, Syllabus, Photos, Student list, Attendance Register, Certificate to be included)

(d) Ph.D. Conferred

S. No.	Name of the Guide	Name of the Scholar	Ref No.	Title of the Thesis	Date of Viva-Voce
1.	Dr. S. Sahaya Sathish	R. Kavitha	34544/ Ph.DK1/Botany/PT/Oct.2012	Studies on the Mosses of Pachamalai Hills in the Eastern Ghats of Tamil Nadu, India	24-06-2020
2.	Dr. T. Francis Xavier	Sathish Kumar D	28451/Ph.DK1/Botany/FT/Oct.2015	Micropropagation, antimicrobial and Phytochemical studies on <i>Andrographis echinoides</i> (L.) Nees.	29-06-2020
3.	Dr. T. Francis Xavier	Gomathi G	26948//Ph.DK7/Biotech/FT/Oct.2016	Mycorrhizal Diversity and specificity of <i>Vanda</i> and <i>Cymbidium</i> species using DNA barcoding	07-07-2020

Note: Submit Softcopies of viva voce communication and the title page of the thesis

(e) Ph.D Guides

S.No	Name of the Faculty	Year of Award of Doctoral Degree	Year of Receiving Guideship	No of Scholars Guiding at present	No of Scholars Guided
1.	Dr. SR. Senthilkumar	1996	2002	2	5
2.	Dr. S. Sahaya Sathish	2010	2011	5	6
3.	Dr. K. Rajan	2012	2014	1	-
4.	Dr. A. Egbert Selwin Rose	2009	2009	-	1
5.	Dr. S. Soosairaj	2003	2006	4	5
6.	Dr. T. Francis Xavier	2007	2010	4	6
7.	Dr. M. Francis Sathiyaseelan	2004	2010	1	-
8.	Rev. Dr. John Peter Arulanandam SJ	2009	-	-	-
9.	Dr. H. David Raja	2010	2016	3	-
10.	Dr. A. Johnny Kumar Tagore	2018	-	-	-
11.	Dr.S.Anusuya	2015	-	-	-
12.	Dr.M.Bastin Churchill	2017	-	-	-

(f) Ph.D. Thesis Submitted

S. No.	Name of the Guide	Name of the Scholar	Ref. No.	Title of the Thesis	Date of Submission
			Nil		

(g) Ph.D. New Enrolment

S. No.	Name of the Guide	Name of the Scholar	Sex M/F	Type FT/PT	Year & Session	Title of the Thesis/Broad Area
1.	Dr. S. Soosairaj	Walter Christuraj	M	FT	2020	Taxonomic study of macroscopic fungi in Palani Hills national park in the Western ghats of Tamil Nadu
2.		Selvakumar S	M	FT	2020	Taxonomic study of Lichens in Palani Hills national park in the Western Ghats of Tamil Nadu
3.		Sr. Lincy Joseph	F	FT	2020	Taxonomic study of Apiaceae in Tamilnadu
4.		Stephy PP	F	FT	2020	Taxonomic study of Cucurbits of Tamil Nadu

(h) Linkages Established

S. No.	Name	Staff Involved	Agency with Address	Purpose	Date of Establishment	Duration
1	Tamil Nadu Pollution Control Board	Dr.S.R. Senthilkumar	Tamil Nadu Pollution Control Board, Chennai	Ambient Air Quality Monitoring Station	2020	5 years

(i) Consultancy and Corporate Training

S. No.	Name of the Teacher Consultant / Corporate Trainer	Name of Consultancy Project / Title of Training Programme	Consulting Agency / Agency Seeking Training with Contact Details	Dates	Revenue Generated	No. Of Trainees
1	Dr. K. Rajan	Solid Waste management	Farmers and Josephites	01.09.2020 to 15.03.2021	8,715 /-	100

2	Dr. S. Soosairaj	Plant Identification	PG and Research Scholars	01.09.2020 to 15.03.2021	Nil	10
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(j) Collaborative Activities

S. No.	Title of the Collaborative Activity	Name of the Collaborating Agency with Contact Details	Name of the Participant	Year of Collaboration	Duration	Nature of the Activity	Beneficiaries
1	Tamil Nadu Pollution Control Board	Tamil Nadu Pollution Control Board, Chennai	School and College Students	2020-2021	1 hour	Visitation	153

(k) Funds Received (Specify: Research grants received to conduct courses / to conduct conferences, etc.)

S. No.	Title of the Research Project/Course/Conference	Name of the Funding Agency	Purpose	Period	Amount Rs.
1	Virtual Workshop on Biodiversity and Bio Recourses	Indian Academy of Sciences, Bangalore	Seminar	10-11.11.2020	28,500/-
2	MSc Student Research Grant	TNSCST, Chennai	Project	2020-21	7,500/-

3. ASSOCIATION ACTIVITIES

(Meetings / Inter & Intra Departmental Academic Activities Organised)

(a) Departmental Activities

S. No.	Name of the Activity	Date	Topic / Theme	Purpose	Beneficiaries	No. of Beneficiaries
1.	Inauguration	23.10.2020	Biodiversity conservation with special reference to plant	Association	UG, PG, Research	200

			genetic resources	meeting	Scholars	
2.	Association meeting	12.02.2021	Evolution: Darwin's Unification of all life	Association meeting	UG, PG, Research Scholars	200
3.	Association meeting	22.02.2021	Career Guidance in Management Studies	Association meeting	UG, PG, Research Scholars	200
4.	Valediction	18.03.2021	Plant Parasite Nematodes – The Hidden Enemy	Association meeting	UG, PG, Research Scholars	200

4. CO-CURRICULAR ACTIVITIES

(a) INDEP / Fine Arts Team Representations

S. No.	Name of the Activity	Date	Prizes / Position	Dept. No.	Name of the Students
	Due to Covid-19, no programs were organised by the college	-	-	-	-

(b) Sports Participation

S. No.	Name of the Activity	Date	Prizes / Position	Dept. No.	Name of the Students
1.	Interdepartmental Throwball Tournament	12-03-2021	3 rd Place	19PBO108	Emelin Jenifer
2.	Interdepartmental Throwball Tournament	12-03-2021	3 rd Place	19PBO110	Sri Pouna
3.	Interdepartmental Throwball Tournament	12-03-2021	3 rd Place	18UBO129	Arthi Nisha

4.	Interdepartmental Throwball Tournament	12-03-2021	3 rd Place	18UBO125	Gnana Deepa Anjali
5.	Interdepartmental Volley ball Tournament	12-03-2021	3 rd Place	19PBO107	Naveen
6.	Interdepartmental Volley ball Tournament	12-03-2021	3 rd Place	20PBO101	S. Anto
7.	Interdepartmental Volley ball Tournament	12-03-2021	3 rd Place	20PBO102	Jerone Francis
8.	Interdepartmental Volley ball Tournament	12-03-2021	3 rd Place	20PBO113	Razeem Robert

5. STUDENT WELFARE ACTIVITIES

(a) Incubation and Start-up (b) Capability Enhancement Schemes for Students (c) Remedial Classes (d) Participation in other programmes

(a) Incubation and Start-up

S. No.	Programme	Staff In-charge	D. No. of the Student	From - To	Duration
	Nil	Nil	Nil	Nil	Nil

(b) Capability Enhancement Scheme for Students

S. No.	Programme	Staff In-charge	No. of Beneficiaries	D. No. of the Student	From - To	Duration
1	Value Added Course	Dr. M. Bastin Churchill	39	18UBO101, 18UBO102, 18UBO106, 18UBO111, 18UBO113, 18UBO114, 18UBO115, 18UBO116, 18UBO117, 18UBO118, 18UBO120, 18UBO122, 18UBO123, 18UBO125, 18UBO127, 18UBO128, 18UBO129, 18UBO130, 18UBO132, 18UBO133,	04-02-2021-24-02-2021	30 Hours

				18UBO134, 18UBO135, 18UBO136, 18UBO137, 18UBO138, 18UBO139, 18UBO140, 18UBO141, 18UBO142, 18UBO144, 18UBO145, 18UBO146, 18UBO147, 18UBO148, 18UBO150, 18UBO151, 18UBO152, 18UBO154, 18UBO156		
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c) Remedial Programmes

S. No.	Name of the Course	Staff In-charge	No. of Beneficiaries	D. No. of the Student	From - To	Duration
	Due to Covid-19, no remedial classes were conducted	-	-	-	-	-

(d) Participation in other Programmes

S. No.	Programme	Staff In-charge	D. No. of the Student	From - To	Institution & Place	Remarks , if any
	SWAYAM Certification program	Dr. S.R. Senthilkumar	BSc: 18UBO133, 18UBO147, 18UBO148, 18UBO130, MSc: 20PBO101, 20PBO102, 20PBO105, 20PBO110, 20PBO113, 19PBO101, 19PBO102, 19PBO103, 19PBO106, 19PBO109, 19PBO110, 19PBO111, 19PBO112, 19PBO113, 19PBO117, 19PBO116	01.09.2020 to 30.11.2020	IIT, Chennai IIT, Kanpur IIT, Karagpur	Successfully Completed

6. STUDENTS' ACHIEVEMENTS

Participation and Status of the Pupil - (a) Placement details (b) Progression to Higher Education (c) Field Visit
 (d) Internship (e) Project (f) Participation of the Pupil in any Other Programmes other than regular academic work
 (g) Awards Received (h) NET-SET / GATE / CAT / others Qualified

(a) Placement Details

S. No.	Name of the Student	D. No.	On Campus / Off Campus	Name and Address of the Organisation	Placed as	Annual Package Rs.
1	Nitish Ekka	17UBO153	Off Campus	St. Xavier's School, Rajastan	Teacher	Religious Service
2	Mr. S. Karthick	18PBO107	On Campus	Sri Vijay Vidyalaya Matric. Hr. Sec. School, Dharmapuri	Science II Teacher	Rs.2,50,000/-
3	Mr. Vishnu Vardhan	18PBO113	On Campus	ZIFo RND Solutions , Chennai	Associate Analyst	Rs.4,37,500/-
4	Mr. Mohanraj, S.	18PBO118	Off Campus	EMRI, Pudukkottai	Emergency Medical Technician	Rs.1,73,112/-
5	Mr. A. Bearil Singh	18UBO112	Off Campus	TNPL, Karur	Chemist	Rs.1,80,000/-

(b) Student Progression to Higher Education

S.No.	Name of the Student	D. No.	Name of the Institution	Course Joined
1.	K. Ajit Kumar	17UBO161	Alagappa University, Karaikudi	MSc Botany
2.	M. Sathish Kanna	17UBO152	Bharathidasan University, Trichy	MSc Botany
3.	S. Viravan	17UBO129	Bharathidasan University, Trichy	MSc Botany
4.	M. Monanmani	17UBO120	Bishop Heber College, Trichy	MSc Botany
5.	S. Gladwin	17UBO123	Bishop Heber College, Trichy	MSc Botany
6.	V. Kamallesh	17UBO156	Bishop Heber College, Trichy	MSc Botany
7.	J. Joseph Paul Gregory	17UBO105	Byju's Academy, Online, Trichy	Civil Services Exam
8.	G. Samroy Terrance	17UBO148	De Nobili College, Pune	Theology
9.	Matheus Kharbudon	17UBO154	De Nobili College, Pune	Theology
10.	N. Tamilselvi	17UBO164	Holy Cross College, Trichy	MSc Botany
11.	S. Srinikethan	17UBO131	Madras University, Chennai	MSc Biotechnology
12.	M. Machchendran	17UBO127	MKM Hospital, Kulithalai	Hospital Management Staff
13.	P. Ramya	17UBO117	National College, Trichy	MSc Botany
14.	A. Vidhya	17UBO146	Race Group of Institutions, Trichy	Civil Services Exam
15.	R. Keerthana	17UBO118	Self Preparation	Civil Services Exam
16.	T. Divya Bharathi	17UBO121	Self Preparation	Civil Services Exam
17.	K.J. Raj Kumar	17UBO128	Self Preparation	Civil Services Exam
18.	R. Sona	17UBO119	Self Preparation	Civil Services Exam
19.	Kowsalya	17UBO130	Self Preparation	Civil Services Exam
20.	S. Simson	17UBO111	Self Preparation	Civil Services Exam
21.	Arun Alexander	18PBO115	Rajiv Gandhi Center for Biotechnology, Kerala	Computational Biology and Bioinformatics
22.	P.K. Lingeshwaran	18PBO103	IFGTB, Coimbatore	JRF
23.	A. Smila Keerthana	18PBO110	Justin College, Madurai	B.Ed.
24.	S. Albert	18PBO108	St. Xavier's College, Palayamkottai	Ph.D.
25.	S.P. Parthasarathy	18PBO102	Bharathidasan University	RUSA Project Fellow

Note: Include details of students of previous batches, if any

(c) Field Visit

S. No.	Name of the Student	D. No.	Details of Institution Visited	Staff Accompanied	Date	Duration
	Due to Covid-19 pandemic, field visits are not permitted.	-	-	-	-	-

(d) Internship

S. No.	Name of the Student	D. No.	Title of the Internship	Name of the Organization	Duration	Name of the Staff in charge
	III BSc Botany	18UBO101-18UBO156	Review	National and International Scientific Organisations	23.12.2020—04.01.2021	All Faculties of the Department

(e) Project

S. No.	Name of the Student	D. No.	Title of the Project	Place of Work	Duration	Name of the Guide
1.	S. Ria Nancy	19PBO101	Mosquito Larvicidal Activity on <i>Annona squamosa</i> L.	St. Joseph's College, Trichy	2020-21	Dr. Egbert Selwin Rose
2.	ADIL SIYAD M K	19PBO102	MORPHOLOGICAL, MOLECULAR STUDIES AND CURRENT STATUS OF <i>Blepharis molluginifolia</i> Pers.	St. Joseph's College, Trichy	2020-21	Dr. S. SOOSAIRAJ
3.	Gowtham K	19PBO103	ISOLATION AND CHARACTERIZATION OF METHANOL UTILIZING BACTERIA FROM FRUIT	Indian Institute Of Horticultural Research (IIHR) Bengaluru-89	2020-21	DR. S. R. SENTHILKUMAR

			CROPS			
4.	ARCHANA A	19PBO106	A COMPARATIVE STUDY ON LARVICIDAL ACTIVITY OF <i>Ocimum sanctum</i> L., <i>Ocimum basilicum</i> L., <i>Leucas aspera</i> (Willd.) Link AND <i>Coleus amboinicus</i> Lour (FAMILY: LAMIACEAE) AGAINST <i>Anopheles</i> SPECIES (DIPTERA: CULICIDAE)	St. Joseph's College, Trichy	2020-21	Dr. K. RAJAN
5.	NAVEEN V	19PBO107	A STUDY OF SYNTHESIS OF SILVER NANOPARTICLES FROM MACROFUNGUS <i>Pleurotus florida</i>	St. Joseph's College, Trichy	2020-21	Dr. M. Francis Sathiyaseelan
6.	A.EMILIN JENIFER	19PBO108	ANTIBACTERIAL SCREENING OF MEDICINALLY IMPORTANT PLANTS <i>URGINEA INDICA</i> KUNTH. AND <i>HEMIDESMUS INDICUS</i> L.	St. Joseph's College, Trichy	2020-21	Dr. T. FRANCIS XAVIER
7.	Rufina Legouri V	19PBO109	In vitro Seed Germination and Phytochemical analysis <i>Trichosanthes cucurmeria</i> L.	St. Joseph's College, Trichy	2020-21	Dr. H. David Raja
8.	K.SRI POUVNA	19PBO110	Studies on the propagation of a rare fern <i>Phymatosorus nigrescens</i> (Bl.) Pichi-Serm. by tissue culture	St. Joseph's College, Trichy	2020-21	DR. S. SAHAYA SATHISH
9.	VINOD KERKETTA	19PBO111	GCMS ANALYSIS OF ETHANOLIC EXTRACTS OF <i>THERIOPHONUM</i> Sp. - ENDEMIC TO INDIA	St. Joseph's College, Trichy	2020-21	Dr. S. SOOSAIRAJ

			PANINSULA			
10.	S. FRANCIS JEGAN RAJ	19PBO112	EVALUATION OF PHYTOCHEMICAL, ANTIOXIDANT AND ANTIDIABETIC POTENTIAL OF MILIUSA NILAGIRICA BEDD.	Bioprospecting Laboratory, Department of Botany, Bharathiar University-Coimbatore	2020-21	DR. K. RAJAN
11.	M. Balaji	19PBO113	Ethanobotanical Studies in Kattur, Trichy Dist.	St. Joseph's College, Trichy	2020-21	Rev. Dr. L. John Peter Arulanandam
12.	THARUN JOSHUA B	19PBO115	Antibacterial Screening of Important Medicinal Plants <i>Cyclea peltata</i> Hook. F. & Thomson. and <i>Curculigo orchioides</i> Gaertn.	St. Joseph's College, Trichy	2020-21	Dr. T. FRANCIS XAVIER
13.	ANN MARY ABRAHAM	19PBO116	Investigation on the in vitro culture of <i>Nephrolepis acutifolia</i> (Desv.) H.Christ - a medicinal fern	St. Joseph's College, Trichy	2020-21	DR. S. SAHAYA SATHISH
14.	P. DHANALAKSHMI	19PBO117	COMPARATIVE EVALUATION OF <i>Nerium oleander</i> L. FROM POLLUTED AND LESS POLLUTED REGION OF TRICHY AND ANALYSIS OF AIR QUALITY	St. Joseph's College, Trichy	2020-21	DR. S. R. SENTHILKUMAR
15.	Faidurahaman K	19PBO118	Effect of GA on Biomass and fatty acid of <i>Nannochloropsis salina</i>	St. Joseph's College, Trichy	2020-21	Dr. Egbart Selwin Rose
16.	V. SAKTHIVEL	19PBO119	A STUDY OF SYNTHESIS OF SILVER NANOPARTICLES FROM MACROFUNGUS <i>Pleurotus ostreatus</i>	St. Joseph's College, Trichy	2020-21	Dr. M. Francis sathiyaseelan

(f) Participation of the Pupil in any Other Programmes other than regular academic work

S. No.	Programme	Staff In-charge	D. No. of the Student	From - To	Institution & Place	Status
1.			Given Above (NPTEL)			

(g) Awards Received

S. No.	Name of the Student	D.No.	Name of the Award / Fellowship	National / International	Date & Year	Awarding Agency and Contact Details
1	S. Srinikethan	17UBO131	3 rd Rank (UG)	-	14.03.2021	Bharathidasan University
2	S.P. Parthasarathi	18PBO102	4 th Rank (PG)	-	14.03.2021	Bharathidasan University

(h) NET-SET / GATE / CAT / others Qualified

S. No.	Name of the Student	Dept. No.	Register Number	Type of Competitive Exam	Date of Passing
	-	-	-	-	-

FACULTY ACHIEVEMENTS

(a) Member in Academic /Co-curricular Administrative Bodies; (b) Acted as Resource Person; (c) Conferences / Workshops/ Seminars attended (d) Research Papers Presented in Conferences / Workshops/ Seminars; (e) Research Papers Published in Journals; (f) Books Published / Edited; (g) Funds Received (Research Projects / to conduct courses & Conferences); (h) Professional Enrichment (Refresher / Orientation / Training Programme /other Courses and Additional Degree Acquired); (i) Seed Money / Financial Support Received; (j) Awards Received; (k) e-Materials Prepared (l) NET-SET / others Qualified

(a) Member in Academic /Co-curricular Administrative Bodies

S. No.	Name of the Faculty	Name of the Activity	Nature (State/ National/ International)	Institution & Place	Date
1	Dr. S. Sahaya Sathish	Doctoral Committee Member	State	Bishop Heber College, Trichy	04-09-2020
2	Dr. S. Sahaya Sathish	Doctoral Committee Member	State	BSI, Coimbatore	24-06-2020
3	Dr. S. Sahaya Sathish	Subject Expert	State	Sri Vidya Mandir College, Katteri	11-09-2020

(b) Acted as Resource Person

(Pl. indicate in Nature Column: Seminar (S), Conference (C), Workshops (WS) prefixing with National (N), International (IN))

S. No.	Name of the Faculty	Title of the Talk	Nature	Title of the Seminar/Conf/WS	Institution & Place	Date
1.	Dr.S.R. Senthilkumar	Nutritive values of Medicinal Plants	N/S	Practices During Covid-19	Extension Department, St. Joseph's College, Trichy	04-09-2020
2.	Dr.S.R. Senthilkumar	Environmental Awareness	N/S	Dr.D.I.Arokiasamy Endowment Lecture	School Children, Govt. Hr. Sec. School, Vadaseri - 95	23-02-2020
3.	Dr.S.R. Senthilkumar	Subject Expert	Staff Selection	Subject Expert	Cauvery College for Women, Trichy	25-01-2021

4.	Dr.S.Sahaya Sathish	Subject Expert	N/S	Current issues emerging over environment and education	St.Joseph's College, Tiruchirappalli	28.07.2020
5.	Dr.S.Sahaya Sathish	Subject Expert	N/S	Medicinal plants research and drug discovery	St.Joseph's College, Tiruchirappalli	03.08.2020 to 06.08.2020
6.	Dr.S.Sahaya Sathish	Traditional medicinal system	N/S	Relevance and importance in health care systems of today and tomorrow	St. Andrew's college Gorakhpur	02.07.2020 to 03.07.2020
7.	Dr.S.Sahaya Sathish	Green Nanotechnology	N/S	Green Nanotechnology	Department of Biochemistry, St.Joseph's College.	2020-01-27
8.	Dr.S.Sahaya Sathish	Bryophyte- Application of Nanotechnology and Production of Nano Drugs	N/S	Bryophyte- Application of Nanotechnology and Production of Nano Drugs	St. Andrew's College, Gorakhpur, Uttar Pradesh.	2020-07-03
9.	Dr.S.Sahaya Sathish	Mossbauer Spectroscopy- Education of Iron in Biological System	N/S	Mossbauer Spectroscopy- Education of Iron in Biological System	St. Mary's College, Thoothukudi	2020-07-02
10.	Dr.S.Sahaya Sathish	Knowledge Gained through the challenging exercise of NAAC: Success Story	N/S	Knowledge Gained through the challenging exercise of NAAC: Success Story	IQAC, St. Joseph's College.	2020-05-15
11.	Dr.S.Sahaya Sathish	Molecular Characterization of Medicinal Plant	N/S	Molecular Characterization of	St. Andrew's College,	2020-06-24

		Alangium salvifolium (L.F.)		Medicinal Plant Alangium salvifolium (L.F.)	Gorakhpur, Uttar Pradesh.	
12.	Dr.S.Sahaya Sathish	Bryophytes: a treasure trove of modern medicine	N/S	Bryophytes: a treasure trove of modern medicine	St. Andrew's College, Gorakhpur, Uttar Pradesh.	2020-06- 03
13.	Dr.S.Sahaya Sathish	Bryophyte a traditional medicine hub	N/S	Bryophyte - a traditional medicine hub	Dept of Botany, Marthoma College, Chungathara.	2020-07- 02
14.	Dr. Johny Kumar Tagore	Principles in Choosing a Plant Material for Research – An Outlook	Seminar (Webinar)	Principles and Practices of Phytochemical Research	Sacred Heart College (Autonomous) Tirupattur and Auxilium College (Autonomous), Vellore	22-07- 2020
15.	Dr. Johny Kumar Tagore	Traditional Knowledge System for Sustainable Living	Workshop	Science for Sustainable Living	National Children Science Congress	05-11- 2020

(c) Conferences / Workshops/ Seminars attended

S. No	Name of the Faculty	Name of the Conference	Name and Place of the Institution	National / International	Date	Duration (Days)
1.	Dr.S.R. Senthilkumar	Trends in Plant Biology	The American College, Madurai	N	1.06.2020	1
2.		Bioscience: A glance in sharing and learning	St.Joseph's College, Tiruchirappalli	N	24 th -26 th June 2020	3
3.		Natural Products for Human Health Management	St.Joseph's College, Tiruchirappalli	N	22.07.2020	1
4.		Unlocking Approaches in Biological Research	St.Joseph's College, Tiruchirappalli	IN	24 th -26th July 2020	3

5.		Impact of Climate Change On Biodiversity	St.Joseph's College, Tiruchirappalli	IN	15 th July 2020	1
6.		Genetics Factors- The Root Cause of Drug Response Variation	St.Joseph's College, Tiruchirappalli	IN	13.06.2020	1
7.		Microbes, The Drivers of Human Life	St.Joseph's College, Tiruchirappalli	IN	06.06.2020	1
8.		The Journey within –Know Yourself & Know The Word	St.Joseph's College, Tiruchirappalli	N	19 th June 2020	1
9.		Human Origin, Health And Diseases	St.Joseph's College, Tiruchirappalli	IN	14.07.2020	1
10.		Application Of Molecular Markers in Plant Systematics	V.O.Chidambaram College Thoothukudi	IN		4
11.		Finding Your Language, Gaining a voice: A Journey through select Life Writings	Saraswathi Narayanan College (Autonomous) Perungudi .	IN	25.07.2020	1
12.		Research Aptitude in Historical Writings	B.E.T Sadathunnisa Degree College Bangalore	IN	30 th July 2020	1
13.		Online national Quiz on Awareness of Intellectual Property Right, Copyright Act and Plagiarism Prevention.	Navgan Shikshan Santha (R)'s Arts, Commerce College Chausala, Maharashtra	IN	25.07.2020	1
14.			Seethalakshmi Ramaswami College (Autonomous), Trichy	IN	23.05.2020	1
15.		Motivation For Perpetual Learning	KLE Society's Degree College Nagabhavi, Bangalore	IN	25.07.2020	1
16.		Recent Trends in Biological Sciences	St.Joseph's College (Autonomous) Trichy.	IN	3 rd & 4 th June 2020	2

			St. Andrew's College Gorakhpur Uttar Pradesh			
17.		International Day of Biological Diversity	IMoT Agri Forum, TNAU, Coimbatore	IN	22.05.2020	1
18.		Cyber Attacks & Defence Mechanism In Data Security	Sreenivasa Institute of Technology And Management Studies (SITAMS) Autonomous, Andhra Pradesh	IN	26.07.2020	1
19.		Capacity Building in IPR & Innovation, Drug discovery And Traditional Medicine	St. Andrew's College Gorakhpur, Uttar Pradesh	IN	28 th -29 th & 30 th July 2020	3
20.		Innovations in Indian Financial Markers	Palamuru University, Telangana	IN	24 th July 2020	1
21.		Applied Microbiology Quiz Programme	Sacred Heart College (Autonomous) Triupattur	N	24.7.2020	1
22.		Issues And Challenges In Filing of Patents	KKR& KSR Institute Of Technology & Sciences, Andhra Pradesh	N	25.07.2020	1
23.		International Day for Biological Diversity 2020	Holy Cross College (Autonomous) Nagercoil	IN		
24.		Fish Parasites Are on The Rise	Government Arts College Melur	IN	4 th July 2020	1
25.		Strategies To Control COVID-19	St. Joseph's College, Tiruchirappalli	IN	30.05.2020	1
26.		Contemporary Market Trends: Employment Opportunities & Employability Skills	AMC Engineering College, Bangalore	IN	25 th July 2020	1

27.		Molecular Docking Analysis Of Bioactive Compounds From <i>Ocimum basilicum</i> Aqueous Leaf Extract Against Estrogens Receptor	Bulletin of Environment, Pharmacology and life Sciences, Agra	IN	9.08.2020	1
28.	Dr.S.Sahaya Sathish	Knowledge Gained through Challenging Exercise Of NAAC : Success Story	St.Joseph's College, Tiruchirappalli	IN	15.05.2020	1
29.		Triggering skill development for young biologists	Vivekananda college of arts and science for women, Tiruchengodu	IN	18.05.2020 to 22.05.2020	4
30.		Strategies to control covid-19	St.Joseph's College, Tiruchirappalli	IN	30.05.2020	1
31.		Research project proposal writing	St.Joseph's College, Tiruchirappalli	N	01.06.2020 to 02.06.2020	2
32.		Recent trends in biological Sciences	St. Joseph's college (Autonomous) Trichy and St. Andrew's college Gorakhpur	IN	03.06.2020 to 04.06.2020	2
33.		Open access educational resources for effective teaching, learning and research during N-COVID-19	The M.D.T.HINDU college, Tirunelveli	IN	05.06.2020	1
34.		Microbes the drivers of human life	St.Joseph's College, Tiruchirappalli	IN	06.06.2020	1
35.		Genetic factors-The root cause of drug response variation	St.Joseph's College, Tiruchirappalli	IN	13.06.2020	1
36.		Bioscience: A glance in sharing and learning	St.Joseph's College, Tiruchirappalli	IN	24.06.2020 to	3

					26.06.2020	
37.		Recent advances in modern medicine	Seethalakshmi Ramaswami college (Autonomous) Trichy	IN	27.06.2020	1
38.		Inclusive procedures and processes in assessment and accreditation by NAAC	St.Joseph's College, Tiruchirappalli	IN	04.07.2020	1
39.		Start-up ecosystem in biological science sector	St.Joseph's College, Tiruchirappalli	IN	09.07.2020	1
40.		Impact of climate change on biodiversity and world food security	St.Joseph's College, Tiruchirappalli	IN	15.07.2020	1
41.		Phytochemicals as an antibiotic alternative to combat MDR	Holy cross college (Autonomous) Trichy	IN	16.07.2020	1
42.		Microalgae technology for industrial effluent treatment and restoration of polluted water bodies	St.Joseph's College, Tiruchirappalli	IN	17.07.2020	1
43.		Natural products for human health management	St.Joseph's College, Tiruchirappalli	IN	22.07.2020	1
44.		Outcome based education	Rai University, Ahmedabad, Gujarat	N	22.07.2020 to 24.07.2020	3
45.		Unlocking approaches in biological research	St.Joseph's College, Tiruchirappalli	IN	24.07.2020 to 26.07.2020	3
46.		Designer crops	The Biomics, Bangalore	N	25.07.2020	1
47.		Research methodology and applications of surface Plasmon	The Biomics, Bangalore	IN	08.08.2020	1

		resonance				
48.		The challenge of higher education in the 21 st century	St.Joseph's College, Tiruchirappalli	N	27.09.2020	1
49.	Dr.K.Rajan	Recent trends in biological Sciences	St.Joseph's College, Tiruchirappalli and St. Andrews college, Gorakhpur.	IN	3 rd and 4 th June 2020	2
50.		Social Innovation and Change Management	Holy Cross College (Autonomous), Trichy.	IN	5.7.2020	1
51.		Expanding dimensions in Plant Research.	Central University of Kerala	IN	8 th -9 th June 2020	2
52.		The Journey within – Know yourself and know the world	St.Joseph's College, Tiruchirappalli	IN	19.7.2020	1
53.		Art of Writing Research	Nehru Memorial college (Autonomous), Puthanampatti	N	25.7.2020 to 28.7.2020	4
54.		Recent advances in Modern Medicine	Seethalakshmi Ramasamy college (Autonomous), Trichy.	IN	27.7.2020	1
55.		SARS-COVID 2 Coronavirus : Emergence and antiviral strategies	V.O.Chidamabaram College, Thoothukudi.	IN	02.7.2020	1
56.		Traditional Medicine System: Relevance and Importance in health care systems of Today and Tomorrow	St.Andrews college, Gorakhpur	IN	2 nd and 3 rd July 2020	2
57.		Fish Parasites are on the Rise	Government Arts College, Melur	N	4 th July 2020	1
58.		Biological Sciences	Jamal Mohamed College,(Autonomous),	IN	6 th and 8 th July 2020	3

			Trichy.			
59.		Research Gaps – Innovation and Copyrights and trademarks	Seethalakshmi Ramasamy college (Autonomous), Trichy.	N	5 th July 2020	1
60.		Climate Change in Carbon Capture Strategies	Annai Velankanni Arts and Science College, Thanjavur.	IN	21 st July 2020	1
61.		Designer Crops	The Biomics, Bangalore	N	25 th July 2020	1
62.		Capacity Building in IPR and Innovation drug and Traditional medicine	St.Andrews college, Gorakhpur.	IN	28 th to 30 th July 2020	3
63.		Conservation of Nature connection with World Nature Conservation Day 2020	Raja Serofoji Government College, Thanjavur	IN	28.7.2020 to 31.7.2020	4
64.		The Response of Avian population to Habitat Loss	The Biomics, Bangalore	IN	1.8.2020	1
65.		Conservation of Biodiversity and wildlife	Arignar Anna Government Arts College, Thiruvannamalai	IN	August 2 nd 2020	1
66.		Immunology of Covid-19	Gargi College, University of Delhi	IN	5 th August 2020	1
67.		Immunology	Arignar Anna Government Arts College, Thiruvannamalai	IN	07.08.2020	1
68.		Research Methodology and Applications of Surface Plasmon Resonance	The Biomics, Bangalore	IN	8 th August 2020	4

69.		Biomaterials From Natural Resources For the Regenerative Medicine.	Guru Nanak College(Autonomous), Chennai	IN	11 th August 2020	
70.		Demystifying COVID 19: Tools of Bioinformatics for COVID19 Research and Immunology and Immune Escapism of Viral Infection	The Biomics, Bangalore	IN	August 22 nd 2020	1
71.		A New Measure: The Revolutionary Reform of the Metric System	Mar Athanasius College (Autonomous), Kerala.	IN	24 th August 2020	1
72.		Molecular Engineering: Tissue Engineering and Organ Printing and Nucleotide Excision Repair in <i>Mycobacterium tuberculosis</i>	The Biomics, Bangalore	IN	September 5 th 2020	1
73.		Steps toward complex matter: Chemistry	Mar Athanasius College (Autonomous), Kerala	IN	September 7 2020	1
74.		Introduction to the world of Butterfly	The American College (Autonomous),, Madurai	IN		
75.		NEP 2020 Highlights and Implications for Higher education	Mar Athanasius College (Autonomous), Kerala	IN	September 26 2020	1
76.		Herbal Medicine	A.V.V.M Sri Pushpam College (Autonomous) Poondi.	N	7.10.2020	1
77.		Why cannot time run backwards?	Mar Athanasius College (Autonomous), Kerala	N	8.10.2020	1
78.		Higher deeper and beyond – Arts of Mature Relationship	St.Joseph's College, Tiruchirappalli	IN	22.6.2020	1
79.		Impact of Climate change on biodiversity and food security	St.Joseph's College, Tiruchirappalli	IN	5.7.2020	1

80.		Microalgae technology for Industrial effluent treatment and restoration of polluted waterbodies	St.Joseph's College, Tiruchirappalli	IN	17.7.2020	1
81.		Unlocking approaches in Biological research	St.Joseph's College, Tiruchirappalli	IN	24 th to 26 th July 2020	3
82.		You become what you think-attitude and altitude	St.Joseph's College, Tiruchirappalli	IN	26.6.2020	1
83.		Current issues emerging over environment and education	St.Joseph's College, Tiruchirappalli	IN	28.7.2020	1
84.		Innovative Pedagogy of Laboratory courses in Animal Biology	St.Joseph's College, Tiruchirappalli	IN	12.8.2020	1
85.		Independence day special – Freedom from Slavery of tobacco	St.Joseph's College, Tiruchirappalli	IN	16.9.2020	1
86.	Dr.Egbert Selwin Rose	Issues of waste Management	Rajah Serfoji College, Thanjavur.	N	5 th July 2020	1
87.		Recent trends in biological Sciences	St.Joseph's College, Tiruchirappalli and St.Andrews college, Gorakhpur.	IN	3 rd and 4 th June 2020	2
88.		The Journey within – know yourself and know the world	St.Joseph's College, Tiruchirappalli	IN	19.6.2020	1
89.		Start-up Ecosystem in Biological Sciences Sector	St.Joseph's College, Tiruchirappalli	IN	9.6.2020	1
90.		Impact of climate change on biodiversity and world food security	St.Joseph's College, Tiruchirappalli	IN	15.7.2020	1
91.		Microbes the drivers of human life	St.Joseph's College, Tiruchirappalli	IN	6.6.2020	1

92.		Research Methodology	Loyola college (Autonomous) Chennai	IN	17.7.2020	1
93.		Habitat Young Leaders Build Leadership academy training	Habitat for Humanity, India	IN	23.6.2020	1
94.		Genetic factors the root cause of drug response variation	St.Joseph's College, Tiruchirappalli	IN	13.6.2020	1
95.		Making of E- content	St.Joseph's College, Tiruchirappalli	IN	9 th to 11 th July 2020	3
96.	Dr. S. Soosairaj	The challenges of higher education in the 21 st Century	St.Joseph's College, Tiruchirappalli	IN	27.09.2020	1
97.		Medicinal plants and research and drug discovery	St.Joseph's College, Tiruchirappalli	IN	03.08.2020 to 06.08.2020	4
98.		Start-up ecosystem in biological science sector	St.Joseph's College, Tiruchirappalli	IN	09.06.2020	1
99.		Impact of climate change on biodiversity and world food security	St.Joseph's College, Tiruchirappalli	IN	15.07.2020	1
100.		Micro Algae Technology for industrial effluent treatment and restoration of polluted water bodies	St.Joseph's College, Tiruchirappalli	IN	17.07.2020	1
101.		Natural products for human health management	St.Joseph's College, Tiruchirappalli	IN	22.07.2020	1
102.		Unlocking approaches in biological research	St.Joseph's College, Tiruchirappalli	IN	24.07.2020 to 26.07.2020	3
103.		Inclusive procedures and processes in assessment and accreditation by NAAC	St.Joseph's College, Tiruchirappalli	IN	30.06.2020 to 04.07.2020	5

104.		The response of avian population to habitat loss	The Biomics, Bangalore	N	01.08.2020	1
105.		Microbes, the drivers of human life	St.Joseph's College, Tiruchirappalli	IN	06.06.2020	1
106.		Genetic factors-The root cause of drug response variation	St.Joseph's College, Tiruchirappalli	IN	13.06.2020	1
107.		Bioscience: A glance in sharing and learning	St.Joseph's College, Tiruchirappalli	IN	24.06.2020 to 26.06.2020	3
108.		Biological sciences	Jamal Mohamed college (Autonomous) Trichy	IN	06.07.2020 to 08.07.2020	3
109.		Biopython	Jamal Mohamed college (Autonomous) Trichy	N	30.05.2020	1
110.		Esri User Conference India Live 2020	St.Joseph's College, Tiruchirappalli	IN	14.06.2020 to 16.06.2020	3
111.	Dr. T. Francis Xavier	Natural products in human health management	St.Joseph's College, Tiruchirappalli	IN	22.07.2020	1
112.		Current issues emerging over environment and education	St.Joseph's College, Tiruchirappalli	IN	28.07.2020	1
113.		Immunology of covid-19	Gargi college (university of Delhi)	IN	05.08.2020	1
114.		Unlocking approaches in biological research	St.Joseph's College, Tiruchirappalli	IN	24.07.2020 to 26.07.2020	3
115.		Indian medicinal plants a pharmacognostical approach	St.Joseph's College, Tiruchirappalli	N	22.02.2021	1
116.		Medicinal plants research and drug discovery	St.Joseph's College, Tiruchirappalli	N	03.08.2020 to 06.08.2020	4

117.		Human origin, Health and diseases	St.Joseph's College, Tiruchirappalli	IN	14.07.2020	1
118.		Natural products for human health management	St.Joseph's College, Tiruchirappalli	IN	22.07.2020	1
119.	Dr. M. Francis Sathiyaseelan	Current Issues Emerging Over Environment and Education	St.Joseph's College, Tiruchirappalli	IN	28.07.2020	1
120.		Unlocking Approaches in Biological Research	St.Joseph's College, Tiruchirappalli	IN	24.07.2020 to 26.07.2020	3
121.		Natural Products for Human Health Management	St.Joseph's College, Tiruchirappalli	IN	22.07.2020	1
122.		Start-up Ecosystem in Biological Science Sector	St.Joseph's College, Tiruchirappalli	IN	09.07.2020	1
123.		Microbes, The drivers of human life	St.Joseph's College, Tiruchirappalli	IN	06.06.2020	1
124.		Genetic factors-The root cause of Drug response variation	St.Joseph's College, Tiruchirappalli	IN	13.06.2020	1
125.		Strategies to control covid-19	St.Joseph's College, Tiruchirappalli	IN	30.05.2020	1
126.		Current Innovations and the future of therapeutic Developments	Vellore Institute of Technology, Vellore	IN	01.06.2020 to 03.06.2020	3
127.		Impact of climate change on bio diversity and world food security	St.Joseph's College, Tiruchirappalli	IN	15.07.2020	1
128.		Infectious Disease-Biology, Diagnosis, Preventive Strategies of Coronaviruses	Loyola college, Chennai	IN	01.06.2020 to 04.06.2020	4
129.		Necessity of Time for Nature and Biodiversity	Govt. M. H. College of Home Science for Women (Autonomous),	IN	05.06.2020	1

			Jabalpur			
130.		Recent Trends in Biological Sciences	St. Joseph's college (Autonomous) Trichy and St. Andrew's college, Gorakhpur	IN	03.06.2020 & 04.06.2020	2
131.		Research Capacity Building	V. O. Chidambaram college, Thoothukudi	IN	15.06.2020 to 17.06.2020	3
132.		Fish Parasites are on the rise	Government Arts college, Melur	N	04.07.2020	1
133.	Dr. L. John Peter Arulanandam	Dissemination of Knowledge on Medicinal Plants through Doctrine of Signatures	Holy Cross college (Autonomous), Nagercoil	IN	16.06.2020	1
134.		Climate change and carbon capture strategies	Annai Vellankanni Arts and Science college, Thanjavur	IN	21.07.2020	1
135.		Recreating our world for an Empowered future	Holy Cross college (Autonomous), Nagercoil	IN	14.07.2020	1
136.		Recent Advances in Modern Medicine	Seethalakshmi Ramaswami college (Autonomous), Trichy	IN	27.07.2020	1
137.		Biodiversity-Urgent and existential concerns	St. Mary's college (Autonomous), Thoothukudi	IN	10.06.2020	1
138.		Designer Crops	The Biomics, Bangalore	N	25.07.2020	1
139.		Human Origin, Health and Diseases	St. Joseph's College, Tiruchirappalli	IN	14.07.2020	1

140.		Current Issues Emerging Over Environment and Education	St.Joseph's College, Tiruchirappalli	IN	28.07.2020	1
141.		Impact on Climate change on Biodiversity	St.Joseph's College, Tiruchirappalli	IN	15.07.2020	1
142.		Medicinal Plants Research and Drug Discovery	St.Joseph's College, Tiruchirappalli	IN	03.08.2020 to 06.08.2020	4
143.		Start-up Ecosystem in Biological Science Sector	St.Joseph's College, Tiruchirappalli	IN	09.07.2020	1
144.		Bioscience: A glance in sharing and learning	St.Joseph's College, Tiruchirappalli	IN	24.06.2020 to 26.06.2020	3
145.	Dr. H. David Raja	Bioexplore	L.R.G. Government Arts and Science College for Women, Tiruppur	N	03.07.2020& 06.07.2020	4
146.		Unlocking Approaches in Biological Research	St. Joseph's College (Autonomous) Trichy.	IN	24 th -26 th July 2020	3
147.	Dr. Johnny Kumar Tagore	Principles and Practicals of Phytochemical Research	Sacred Heart College (Autonomous), Tirupattur	IN	22 nd to 24 th July 2020	3
148.		ICT Tools for Teaching Testing and Evaluation	Stella Maris College (Autonomous) Chennai	IN	25.05.2020	1
149.		Plant Omics in Space	St.Joseph's College, Tiruchirappalli	IN	05.05.2020	1
150.		Open WHO Course	World Health Organization, Europe	IN	19.06.2020	1
151.		Bioscience for Enriching Human Life	Sri Ramakrishna College Of Arts and Science For Women Coimbatore	IN	14.05.2020 to 17.05.2020	4
152.		Recent Trends In Biological Sciences	St. Joseph's College (Autonomous) Trichy.	IN	3 rd & 4 th June 2020	2

			And St Andrew's College Gorakhpur			
153.		Climate Change : From Learning To Action	United Nations Institute for Training and Research, Geneva (Online)	IN	30.06.2020	1
154.		Current innovations and the Future of Therapeutic Developments	VIT Vellore Institute of Technology, Vellore.	IN	1 st -3 rd june 2020	2
155.		Research Capacity Building	V.O. Chidambaram College Thoothukudi	IN	15.06.2020 to 17.06.2020	3
156.		Emerging Trends In Biotechnology	Pachhunga University College, Aizawl, Mizoram	IN	24 th to 26 th June 2020	3
157.		Children And Climate Change	United Nations Institute for Training and Research, Geneva (Online)	IN	21.06.2020	1
158.		Impact Of AI During Pandemic Times	Mc Graw Hill, Mumbai	IN	04.06.2020	1
159.		COVID-19 Contact Tracing	Johns Hopkins University, USA	IN	21.05.2020	1
160.		Perspectives on Recovery From COVID-19	Harvard Medical School, USA	IN	13.06.2020	1
161.		Chemistry Behind MRI Contrast Agents	Cauvery College For Women, Trichy	IN	04.05.2020	1
162.		Bacterial Virulence: Perceptive and Pragmatic Approach	Indian Academy Degree College (A), Bangalore	IN	5.05.2020	1
163.		The Importance of Symbiotic Microorganisms In Drug	Mizoram University , Aizwal	IN	06.06.2020	1

		Discovery				
164.		Science Communication	Mizoram University , Aizwal	IN	29.05.2020	1
165.		The Economics of Pandemics	McGraw Hill, Mumbai	IN	28.05.2020	1
166.		Introduction to Sustainable development in Business	Open University Of Mauritius, Mauritius	IN	5 th June to 3 rd July 2020	28
167.		III Online Sessions	Institutions Innovation Council, New Delhi	IN	22.05.2020	1
168.		COVID-18 & Indian Economy	Central University Of Gujarat	IN	09.06.2020 to 11.06.2020	3
169.		Management of Environment and Its Resources	Nesamony Memorial Christian College, Marthandam & St Xavier's College, Palayamkottai	IN	28.04.2020 to 11.05.2020	14
170.		Artificial Intelligence and Cloud Technology	Mizoram University , Aizwal	IN	28.05.2020	1
171.		Productions & processing Of Horticulture Crops	Mizoram University , Aizwal	IN	26.05.2020	1
172.		Research Methodology	Loyola College (Autonomous) Chennai	IN	12 th and 13 th June 2020	2
173.	Dr. S. Anusuya	Designer Crops	The Biomics, Bangalore	N	25.07.2020	1
174.		Life Science for Enhancing Human Life	Nirmala college for women (Autonomous), Coimbatore	IN	28.05.2020 to 31.05.2020	4

175.		Recent Trends in Biological Sciences	St. Joseph's college (Autonomous) Trichy and St. Andrew's college, Gorakhpur	IN	03.06.2020 & 04.06.2020	2
176.		Applications of spectroscopic Methods for Chemical Analysis	Pioneer Kumaraswamy college, Nagercoil	IN	22.05.2020	1
177.		Trends in Plant Biology	The American College, Madurai	IN	01.06.2020	1
178.		COVID-19 vs Siddha Medicine	Dr. MGR Govt. Arts & Science college, Palacode	IN	22.06.2020	1
179.		Climate change and Agro-forestry –Impacts, Implication, and Strategies	Chandra Shekhar Azad University of Agriculture and Technology, Kanpur	IN	05.06.2020	1
180.		Strategies to control covid-19	St. Joseph's College, Tiruchirappalli	IN	30.05.2020	1
181.		Microbes, The drivers of human life	St. Joseph's College, Tiruchirappalli	IN	06.06.2020	1
182.		Genetic factors-The root cause of drug response variation	St. Joseph's College, Tiruchirappalli	IN	13.06.2020	1
183.		Bioscience: A glance in sharing and learning	St. Joseph's College, Tiruchirappalli	IN	24.06.2020 to 26.06.2020	3
184.		Start-up Ecosystem in Biological Science Sector	St. Joseph's College, Tiruchirappalli	IN	09.07.2020	1
185.	Dr. M. Bastin Churchill	Regulatory Genomics and Epigenomics: Technologies and Application	The Biomics, Bangalore	IN	15.08.2020	1
186.		Research Methodology and Applications of Surface Plasmon Resonance	The Biomics, Bangalore	IN	08.08.2020	1

187.		Climate change and carbon capture strategies	Annai Vailankanni Arts and Science college, Thanjavur	IN	21.07.2020	1
188.		Post COVID19 Career Prospects for Rural Management/ Development Professionals	IIHMR University, Jaipur, Rajasthan	IN	15.05.2020	1
189.		Plant Omics in space	St.Joseph's College, Tiruchirappalli	IN	05.05.2020	1
190.		COVID-19 vs Siddha Medicine	Dr. MGR Govt. Arts & Science college, Palacode	N	22.06.2020	1
191.		Current Innovation and the future Therapeutic developments	Vellore Institute of Technology, Vellore	IN	01.06.2020 to 03.06.2020	3
192.		Microbes, The drivers of human life	St.Joseph's College, Tiruchirappalli	N	06.06.2020	1
193.		Unlocking Approaches in Biological Research	St.Joseph's College, Tiruchirappalli	IN	24.07.2020 to 26.07.2020	3
194.		Vaccine and Drug Development against COVID-19	Mizoram University, Aizawl	IN	18.05.2020	1
195.		Bio-Quiz	Indian Academy Degree college (Autonomous)	N	May-June 2020	1
196.		Covid-19 awareness quiz	Seethalakshmi Ramaswami college (Autonomous), Trichy	N	23.05.2020	1
197.		Awareness of Health and safety measures	Seethalakshmi Ramaswami college (Autonomous), Trichy	IN	June 2020	1
198.		Waste Management quiz	Shankarrao Chavan Mahavidyalaya,	N	28.06.2020	1

			Ardhapur, Maharashtra			
199.		State level online microbiology quiz 2020	K. K. Wagh Arts and Science college, Nashik	IN	May 2020	1
200.		Current Issues Emerging Over Environment and Education	St. Joseph's college(Autonomous), Trichy	IN	28.07.2020	1
201.		Biotechnology concepts to practice	Sathyabama Institute of Science and Technology, Chennai	IN	06.07.2020 to 11.07.2020	5
202.		Online quiz on Traditional Medicines and Covid-19	J. J. College of Arts and Science (Autonomous), Pudukkottai	IN	21.05.2020	1
203.		AARI Quiz on Botany	Annakkili Amma Research Institute, Chennai	N	28.06.2020	1
204.		Scope for Utilization of Herbal Medicines for Human Health in COVID-19	V. O. Chidambaram college, Thoothukudi	IN	29.05.2020	1

(d) Papers Presented in Conferences / Workshops/ Seminars

S. No	Name of the Faculty	Title of the Paper	Name of the Institution	Title of the Proceedings of the Conference	Name of the Conference	National / International	Vol. (Page) Year	ISSN No.
	Nil	Nil	Nil	Nil	Nil	Nil	Nil	

(e) Papers Published in the Journals notified on UGC Website

(Pl. indicate in Nature Column the status of the Journal: Regional (R), National (N), International (IN))

S. No	Name of Author(s)	Title of the Paper	Name of the Journal	National / International	ISSN No. & Impact Factor	h-index	Citation Index & No. of Citations (Excluding Self Citation)	Vol (Page) Year	Link to the Journal	Link to the Recognition in UGC Enlistment of the Journal
1.	Senthilkumar, S.R.	Molecular Docking Analysis Of Bioactive Compounds From <i>Ocimum basilicum</i> Aqueous Leaf Extract Against Estrogen Receptor	Bulletin of Environment, Pharmacology and Life Sciences	International	2277-1808 0.876	3		9 (2020) 104-110	http://www.beppls.com/aug2020/14a.pdf	
2.	Senthilkumar, S.R.	Green synthesis and characterization of Silver nanoparticles from <i>Ocimum basilicum</i> and their Antimicrobial Antioxidant and Anticancer activity	Research J. Pharm. And Tech.	International	0974-3618	3		(2020) 5711-5715	10.5958/0974-360X.2020.00994.4	
3.	Dr.S.Sahaya Sathish	Analysis of Phytoconstituents and antimicrobial activities of <i>Pogonatum microstomum</i> - a Bryophyte	Purakala (UGC Care Journal)	National	0971-2143	12		7 (2020) 231-237		

4.	Dr.S.Sahaya Sathish	An Investigation on antimicrobial, antioxidant and preliminary phytochemical screening of <i>Indigofera aspalathoides</i> Vahl.Ex.Dc - a medicinal Plant	Purakala (UGC Care Journal)	National	0971- 2143	12		10 (2020) 287-294		
5.	Dr.S.Sahaya Sathish	Analysis of Phytoconstituents and antimicrobial activities of <i>Pognatum microstomum</i> - a bryophyte	Studies in Indian Place Names	National	2394- 3114	12		40 (2020) 226-231	https:// www.p urakala. com/in dex.php /0971- 2143/ar ticle/vie w/436	
6.	Dr.S.Sahaya Sathish	Metabolomic and Phytonutritive Profiling of <i>Carica papaya</i> . L an In vitro Study	Internation al Journal of Life Science and Pharma Research	International	2250- 0480	12				
7.	Dr.S.Soosairaj	New distribution record of two endemic plant species, <i>Euphorbia kadapensis</i> Sarojin. & R.R.V. Raju (Euphorbiaceae) and <i>Lepidagathis keralensis</i> Madhus. & N.P. Singh (Acanthaceae), for	Journal of Threatene d Taxa	International	0974- 7893	10		12 (17045- 170) 2020	https:/ /threat enedta xa.org/ index.p hp/JoT T/articl	

		Karnataka, India.							e/view /4978	
8.	Dr. T. Francis Xavier	Direct Organogenesis from nodal explant of <i>Solanum elaeagnifolium</i> Cav.	Bulletin of Environment, Pharmacology and Life Sciences	International	2277-1808 0.876	9		9(2020) 121-126	http://bepsls.com/july_2020/19.pdf	
9.	Dr. T. Francis Xavier	Antibacterial activity of <i>Solanum elaeagnifolium</i> Cav. stem and leaf extract against human pathogenic bacteria	Research Journal of Pharmacy and Technology	International	0974-360X	9		14(2021) 1339-1345	DOI: 10.5958/0974-360X.2021.00238.9	
10.	Dr. H. David Raja	Effect of coconut water and cytokinins on rapid micropropagation of <i>Ranunculus wallichianus</i> Wight & Arn— a rare and endemic medicinal plant of the Western Ghats, India	In Vitro Cellular & Developmental Biology - Plant	International	1054-5476 1.814	3		57 (2021), 365-371	https://link.springer.com/article/10.1007/s11627-020-10137-1	
11.	Dr. Johnny Kumar Tagore	Phytodiversity of Soolakarai Kaliyamman Sacred Grove in Sivagangai district, Tamil Nadu, India	Journal of Economic and Taxonomic Botany	International	0250-9768	3		44(2020) 96-104	https://www.scientificpubonline.com/journal/articles/details/phytodiversity-soolakarai-kaliyamman-sacred-grove	

(f) Books Published / Edited / Chapters Contributed

S. No.	Author	Title of the Book	Nature of Contribution (Book/Edited/Chapter)	Year of Publication	ISBN No.	Name & Place of the Publisher
	Nil	-	-	-	-	-

(g) Funds Received (Specify: Research grants received to conduct courses / to conduct conferences, etc.)

S. No.	Name	Title of the Research Project/Course/Conference	Name of Agency, Place & Period of Work	Nature Major/Minor (or) Purpose	Amount Rs.
	Dr. T. Francis Xavier	INSA Workshop	Indian Academy of Sciences, Bangalore	Webinar	28,500

(h) Professional Enrichment (Specify: Refresher / Orientation / Short term or other Courses and Additional Degree Acquired)

S. No.	Name	Name of the Course / Degree/ Training	Name of the University / Organisation	Date (From - To) / Year
1	Dr.S.Soosairaj	UGC sponsored online Refresher course in Teacher Education (multidisciplinary) - Learning outcomes and educational reforms: Pedagogy, Assessment and Quality assurance	UGC-HRDC, Bharathidasan University, Trichy	2021-02-24 - 2021-03-09

(i) Seed Money / Financial Support Received (Seed Money and Financial Support from Management for Research or attending Conference / Seminar)

S. No.	Name of the Staff, Scholars and Students	Amount in Rupees	Date	Purpose
	Dr. H. David Raja	28,000	Mar, 2021	To carry-out a project work
	Ms. Kavitha	15,000	Mar, 2021	Financial assistance for PhD thesis work
	Mr. Britto Valan	8,000	Mar, 2021	Financial assistance for student project

(j) Awards Received

S. No.	Name of the Staff	Name of the Award / Fellowship	National / International	Date	Awarding Agency and Contact Details
	Nil	-	-	--	-

(k) e-Materials Prepared

S. No.	Name of the Staff	Type	Title of the Material	Course Code
1.	Dr. S.R. Senthilkumar	Google Classroom	Microsporangium, megasporangium, embryo development, bacteria virus, fungi etc.	17UBO630222, 17UBO530216, 18PBO1104, 18PBO4116
2.	Dr. S. Sahaya Sathish	Google Classroom	dicot, monocot	17UBO430210, 17UBO530213,

				18PBO1104,
3.	Dr. K. Rajan	Google Classroom	eartheorm cockroach entomology	17UBO130401, 17UBO230403, 17UBO530216. 18PBO2108
4.	Dr. A. Egbert Selwin Rose	Google Classroom	taxonomy families	17UBO330207, 18PBO2106,
5.	Dr. S. Soosairaj	Google Classroom	Ecology climate change thermodynamics	18PBO1201A, 18PBO2110, 17UBO530214
6.	Dr. T. Francis Xavier	Google Classroom	fermentation, photosynthesis	17UBO130202, 17UBO530216, 18PBO4115
7.	Dr. M. Francis Sathiyaseelan	Google Classroom	taxonomy families	17UBO330207, 18PBO2106,
8.	Rev. Dr. John Peter Arulanandam SJ	Google Classroom	pteridophytes, fossils	17UBO230204, 18PBO2110, 18SBS3101
9.	Dr. H. David Raja	Google Classroom	medicinal plants, gene transfer protoplasm fusion	17UBO630222, 18PBO4116, 18PBO3203A
10.	Dr. A. Johny Kumar Tagore	Google Classroom	lac operon, Phytogeography, climate change,	18PBO1201A, 18PBO2110, 17UBO530214
11.	Dr.S.Anusuya	Google Classroom	transcription factors, plant morphology, enzymes	18PBO1104, 18PBO2108, 17UBO430211

12	Dr.M.Bastin Churchill	Google Classroom	taxidermy, herbarium preparation, tracer elements, drug classification	18PBO3203A, 18PBO3302, 17UBO6303A
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(I) NET-SET / others Qualified

S. No.	Name of the Staff	Dept. No.	Register Number	Type of Competitive Exam	Date of Passing
1	Dr. Johny Kumar Tagore, A.	Botany	2502504	SET	2016
2	Dr. S. Anusuya	Botany	26126273	SET	2017

(a) ACTION PLAN FOR THE FORTHCOMING ACADEMIC YEAR

Technology Transfer
Study on the Air Quality and its impact on the local flora
Enrichment of Value added course

USE OF FUNDS RECEIVED FROM THE GRANTS / MANAGEMENT, ETC.

S. No.	Type of Grant	Used for / in	Amount Rs.	Date	Entry details
1	INSA Workshop	Webinar	28,500	10.11.2020-11.11.2020	Students, Scholars and Faculty
2	SJC RG	Research	28,000	Mar, 2021	For Faculty
3	SJC RG	PhD Research	15,000	Mar, 2021	For Scholar
4	SJC RG	PG Project	8,000	Mar, 2021	For Student

(b) A BRIEF REPORT OF THE CONFERENCE/ WORKSHOP CONDUCTED

During the academic year 2020-21, the department of Botany has organized 7 international and 8 national webinars. Resource persons from distinct institutions and universities gave talk on interesting and relevant topics in the field of Biology. 1600 participants from various countries such as Iran, Iraq, Korea, Malaysia, Singapore, Philippines, Indonesia, US have registered in the webinars. In connection with association activities, department has successfully conducted 51st Fr. Balam memorial lecture, Thanapackiam Robert Jayachandran Endowment lecture and a talk on evolution in remembrance of Charles Darwin. Students and faculty from Manonmaniam Sundaranar University has also participated in the association talk. An international virtual conference was also organized by department of Botany from Feb 15th to 21st 2021. Scientists from National Institutes such as NBPGR, CSIR-IHBT, IISC and RGCB delivered lectures o current topics in biology. Students, faculties and research scholars from various institutes benefitted from this conference.

A REPORT ON THE RESULT OF THE PREVIOUS SEMESTERS**UG: Pass Percentage: 70.54%**

Semester I: Algae and Brophytes – 100; Fungi, Plant Pathology and Lichens – 100; Lab course I – 100; General Zoology – 100; Zoology lab – 100

Semester III: Taxonomy of Angiosperms – 97.73; Plant Breeding and evolution – 100; Lab course III – 100

Semester V: Biophysics and Biostatistics - 100, Ecology and Phytogeography - 100, Microbiology and immunology-100, Biopesticides – 100; Lab course V – 100; Elective Mushroom culture – 100, Soft skill - 100

PG: Pass Percentage: 94.29%

Semester I: Plant diversity I-100, Plant Diversity II - 100, Anatomy and Embryology - 100, Lab course I – 100; while Lab course II – 100, Ecology and Phytogeography - 100

Semester III: Plant systematics – 100%. Lab Course – 100, Genetics – 100, Solid waste management – 100, Pharmacognosy – 100, Bioprocess technology – 100

Note: Submit the soft and hard copy of all the necessary evidence (Invitation, Report, Photographs, Registers, Attendance Sheet, Certificates, etc.)

Signature of the Head

With date & seal

Annual Academic Audit – 2020-21 : Award of Marks by the Committee Members**Dated : 20.04.2021 and 21.04.2021**

S. No.	Max. Marks	Secretary	Principal	Deputy Principal	IQAC-Dean	Ad. Dean	Dean		Secretary	Principal	Deputy Principal	IQAC-Dean	Ad. Dean	Dean	
		Botany	Botany	Botany	Botany	Botany	Botany	Total	CS	CS	CS	CS	CS	CS	Total
0	10	-	7	8	8	5	10	38	8	4	8	8	5	7	40
I	5	-	3	4	5	3	5	20	4	3	4	4	4.5	4	23.5
II	15	-	10	13	12	12	13	60	12	7	13	13	11	10	66
III	15	-	9	13	13	13	14	62	12	8	6	14	6	12	58
IV	10	-	5	7	8	6	7	33	7	5	5	9	3	7	36
V	15	-	8	11	13	11	12	55	12	9	14	14	12	10	71
VI	10	-	7	8	8	3	8	34	8	6	8	9	8	8	47
VII	10	-	6	7	7	9	8	37	8	6	8	9	9	7	47
VIII	5	-	3	3	3	5	4	18	4	2	4.5	4	4	4	22.5
IX	5	-	3	4	4	5	5	21	4	4	4.5	4	4.5	3	24
	100	-	61	78	81	72	86	378/5	79	54	75	88	67	72	435/6
							Ave	75.6						Ave	72.5
S. No.	Max. Marks	Maths	Maths	Maths	Maths	Maths	Maths	Total	Statistics	Statistics	Statistics	Statistics	Statistics	Statistics	Total
0	10	6	5	5	8	5	6	35	-	4	6	8	5	8	31
I	5	4	3	3.5	4	4	4	22.5	-	2	4	4	3	4	17
II	15	12	6	12.5	14	11	12	67.5	-	4	13	10	11	10	48
III	15	11	9	6	13	7	10	56	-	5	5.5	12	7	8	37.5
IV	10	7	0	3	6	0	0	16	-	0	0	5	0	0	5
V	15	12	8	12	13	10	8	63	-	6	11	12	8	8	45
VI	10	8	8	5	9	3	9	42	-	3	3	6	4	6	22
VII	10	8	7	6	8	6	9	44	-	4	5	8	4	5	26
VIII	5	4	3	3	4	2	4	20	-	2	3	3	2	3	13
IX	5	4	3	4	3	2	4	20	-	1	3	2	2	3	11
	100	76	52	60	82	50	66	386/6	-	31	53.5	70	46	55	255.5/5
							Ave	64.3						Ave	51.1

Annual Academic Audit – 2020-21 : Award of Marks by the Committee Members

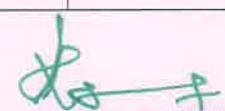
Dated : 20.04.2021 and 21.04.2021

Shift – I

Science		Arts	
Physics	62.6	Tamil	69.83
Chemistry	71.3	English	63.8
Botany	75.6	HRM	62.5
Statistics	51.1	Commerce	76.83
CS	72.5	Economics	57.5
Maths	64.3	History	53.5

Shift – II

Science		Arts	
Biochem	55.83	BBA	72.16
Biotech	65.3	Commerce CA	39
IT	68.58	B Com Honour	58.66
Electronics	64.5	Counselling pshchology	22.16
SD & SA	46.8		
Data Science	70.4		


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