

# **Annual Report of the Institution 2019-2020**



**ST. JOSEPH'S COLLEGE (AUTONOMOUS)  
IRINJALAKUDA**

## ANNUAL REPORT OF THE INSTITUTION - 2019-2020

A focused and directional approach to the activities is highly recommended for a result-oriented background. St. Josephs College (Autonomous), Irinjalakuda functions with the intentions of validating its vision and mission under the planned supervision of a strong IQAC committee that is dedicated in delivering quality initiatives from the root level. Every year, the college commences the academic year with a bag of hopefully planned activities and progressive events to be conducted for the welfare of its internal and external communities. This academic year, the college was able to successfully plant the seeds of progress and reap the fruits of success with the coordination and supportive hands of all the committees, units and the various stakeholders. A very brief summary detailing the activities and the results of the institution are hereby presented below.

### CRITERIA 1

A proportionate number of undergraduate and postgraduate programs have undergone syllabus revision and it can be highlighted that nearly all of the course programs offered from the institution has focused on rendering employability/entrepreneurship/skill development oriented concepts through their course work during the academic year of 2019-2020. Considering the aspect of academic flexibility and based upon constant demand nearly 540 new course programs were introduced in this academic year with majority new courses from the departments of Computer Science and Chemistry. Out of these newly formed course programs, twenty three postgraduate and seventeen undergraduate programs adopted and implemented CBCS/Elective course system. The college takes keen interest in enriching the curriculum with its rich base of value-added courses offered for the students in inculcating a professional outlook and necessary life skills. The largest number of student enrolment is witnessed in the value-added course of Value education and Ethics that points to the emphasis laid down by the institution in achieving its mission of imparting high quality value education to its students followed by the value education courses on Yoga and English Language Learning Skills with the student enrolment figures soaring up to 286 and 200 respectively. The institution takes keen interest not just in initiating curricular advancements but also engages in continuous monitoring of its actions through a structured feedback system. The yearly feedback template is designed and formulated after deep discussions with the authoritative committees and circulated among the stakeholders in an organized and planned manner. The collected feedback undergoes team analysis and report generation that highlights all the areas of improvement for the institution in the upcoming years. The suggestions are put to into implementation after receiving approval from the higher decision-making bodies.

#### Value added courses offered during the year

SI No	Name of the course	Course Code	Duration
1.	Foundation Programme in Banking & Financial Services	BBBS	30 Hours
2.	Bio-Control Agent Production	BIOBA	40 Hours
3.	Safety measures in lab and Instrumentation	BIOSI	40 Hours
4.	Vermi Compost Production	BIOVC	40 Hours

5.	Microbial Techniques	BIOMT	40 Hours
6.	Oyster Mushroom Production	BIOOM	40 Hours
7.	HERBAL COSMETOLOGY	SJBOHC	60 Hours
8.	Diploma in Computer Application	BOCA	60 Hours
9.	GEMOLOGY	CHGE	120 Hours
10.	CISCOM	CHCI	120 Hours
11.	Tally with GST	BCGST	60 Hours
12.	ACCA	BCACCA	240 Hours
13.	Tally ACE	COMTA	90 Hours
14.	ANDROID	BCACC03	30 Hours
15.	Phython	BCACC04	30 Hours
16.	Website Designing using HTML5	BCACC02	30 Hours
17.	Foundation Programme in Banking and Financial Services	ECOFP	35 Hours
18.	Communicative English	ENGCE	60 Hours
19.	MULTILINGUAL TYPING COURSE	HINMT	30 Hours
20.	Employability skills	HISES	60 Hours
21.	Data Science using R	MATDR	30 Hours
22.	Data Analysis using MS Excel	MATDE	30 Hours
23.	Travel Journalism	JMCTJ	30 Hours
24.	Life Skill Education	BSWCLS	60 Hours
25.	Maintenance of electronic and electrical equipments	PHUG2CC1	100 Hours
26.	Skill Development Training Programme in APICULTURE	ZOOA	30 Hours
27.	Introduction to Yoga	PHEUY	30 Hours
28.	Kerala History and Culture: The Fundamental Values	VALUEDU 1	40 Hours
29.	FINISHING SCHOOL	HINFS	30 Hours

## CRITERIA 2

Criteria 2 deals with the aspects of teaching-learning and evaluatory procedures in the institution. This academic year the institution witnessed good student enrolment in all its course programs with high demand ratio. The highest number of application received and the students enrolled were in B.Com Finance followed by B. A English Language. The college has taken appreciable efforts at improving and maintaining this statistical figure in student enrolment ratios.

### Demand Ratio

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BBA	Bachelor of Business Administration	50	266	39
BSc	B.Sc. Biotechnology	36	500	34
MSc	M.Sc. General Biotechnology	12	31	11

BSc	B.Sc. Botany	36	644	38
MSc	M.Sc. Botany	12	61	14
BSc	B.Sc. Chemistry	48	750	45
MSc	M.Sc. Chemistry	12	159	14
BCom	B.Com. Finance	168	1371	175
BCom	B.Com with Computer Applications	60	457	48
MCom	M.Com. Finance	20	92	20
BCA	Bachelor of Computer Application	36	148	30
MSc	M. Sc. Computer Science	12	21	9
BA	B.A. Economics	60	631	60
MA	M.A. Economics	20	39	21
BA	B.A. English Language & Literature	69	1064	67
MA	M.A. English Literature	20	107	19
BA	B.A. History	60	312	66
MA	M.A Malayalam	20	38	18
BSc	B.Sc. Mathematics	48	472	42
MSc	M.Sc. Mathematics	20	92	20
MA	MASTER OF ARTS IN JOURNALISM & MASS COMMUNICATION(MA-JMC)	20	18	12
BSW	Bachelor of Social Work	50	166	35
MSW	Master of Social Work	20	53	24
BSc	B.Sc. Physics	48	587	41
MSc	M.Sc. Physics	12	81	16
BSc	B.Sc. Psychology	36	337	36
BSc	B.Sc. Zoology	36	832	36
MSc	M.Sc. Zoology	12	55	16
BVoc	B. Voc Applied Microbiology and Forensic Science	30	228	29
BVoc	B. Voc Malayalam and Manuscript Management	30	64	30

With approximately 3000 students in total and 130 teachers in the institution who competently use the ICT facilities in the classroom, the workload of the teachers is conveniently managed with a good student -teacher ratio of 1:21 enabling the teachers to be attentive to all the students in a classroom. Starting from the administrative management software to Wi-Fi enabled campus, the initiative of the

college in normalizing technology with academics is noteworthy. The college has 85 ICT enabled classrooms and 60 smart classrooms that gives access to the students and the teachers to engage in technologically assisted teaching-learning activities. The enrolled students are given opportunities in expanding their potentials in the campus through a healthy teacher -student bond that forms as a part of the mentor-mentee initiatives. The weak and advanced learners are identified and given specialized care throughout the academic year. The mentoring system was capable of addressing the grievances faced by the students in this academic year especially during the initial stages of the pandemic. The institution has a rich base of faculty with all the sanctioned 130 post filled by qualified professionals among whom 42 are Ph.D holders. The faculty have strived for excellence and their attempts have been recognized at national and state levels especially the state government recognized FLAIR (Fostering Linkages in Academic Innovation and Research) has been awarded to 36 faculty members during this academic year. The evaluation procedures were carried out unhindered during this academic year with the timely conduct of examinations and publication of results. The grievances received with regard to evaluation were comparatively low and those received were immediately resolved. The software based CO and PO mapping of the course programs has been successfully initiated and as a result of the input in these areas there is an appreciable progression in the pass percentage of the college. The online services of the institution, e-governance and LMS system are operational and functioning satisfactorily. The regular annual student satisfaction survey has been conducted successfully this year and the students have declared their overall satisfaction with the services offered by the institution.

### CRITERIA 3

Criteria 3 deals with the research, innovations and extension activities of the college. In research, the college has revised its seed money policy for inspiring the aspirants to apply and take up innovative and productive research activities. One of our faculty members, Dr. Aneesh E M was also awarded the national level UGC travel grant which is another praiseworthy recognition for the institution. Few faculty have also received funds from the different national and state funding agencies for research purposes and the IQAC of the college is taking sincere efforts at improving the availability of the funding schemes for the faculty. This year the college has seen phenomenal increase in the number of workshops and seminars in IPR and Industry Academy Innovative programs that has enriched the faculty-student base in improving the pragmatic knowledge.

#### Workshop/seminars organized

SI No	Title of workshop/seminar	Date
1.	Workshop On Accounting And Auditing	15-01-2019
2.	Workshop On Research Methodology	30-09-2019
3.	International Seminar on 'Corona virus on the global market'	3-03-2020
4.	Role of Capital Market in Indian economy	9-04-2019
5.	International seminar on Interdisciplinary Developments in Cancer research	28-01-2020
6.	NATIONAL SEMINAR ON "IPR: Tool to protect inventions and creations in biotechnology "	9-01-2020
7.	In house skill and Opportunity workshop	7-02-2019

8.	International workshop on tissue Engineering	4-02-2019
9.	International workshop on 'Phytoplanktons and Marine Biotechnology'	24-11-2019
10.	National Seminar 'New Frontiers in Biotechnology'	22-11-2019
11.	Industrial Advances in Green Chemistry and Sustainability	6-02-2020
12.	Strategic Management :A competitive advantage	20-08-2019
13.	Two days national workshop on research methodology in collaboration with college alumnae association	1-11-2019
14.	Two day national seminar on research innovations in service sector	27-01-2020
15.	ONE DAY STATE LEVEL WORKSHOP ON THE TOPIC "ADVANCE APPLICATION IN SPREADSHEET ANALYSIS"	18-01-2020
16.	National Seminar on Bridging the Gap between Academia and Industry	17-01-2020
17.	National Seminar on Reading Cinema	11-12-2019
18.	Workshop on Literary Methodology	24-02-2020
19.	Workshop on Research Methodology	7-08-2019
20.	national seminar on hindi sahitya aur patrakarita	2-06-2020
21.	workshop in connection with premchand jayanthi	30-08-2019
22.	one day workshop on Rajyabasha hindi mein rojgar ki sambavanayem	26-09-2019
23.	a talk on influence of web media	12-09-2019
24.	Two day National Workshop on Mathematical Foundations of Cyber Physical Systems	13-02-2020
25.	Energy Conservation and Energy audit	21-08-2019
26.	General wave behaviour along uniform Guiding Structures	30-09-2019
27.	Non-Linear equations and Chaos	09-10-2019
28.	Manufacturing of Energy efficient devices	7-09-2019
29.	Celebrating Women in Science	19-02-2020
30.	internation confrence cum workshop on psychotherapy and counseling	1-08-2019
31.	Workshop on Hypnotherapy	23-01-2019
32.	Interdisciplinary seminar Community Health care	8-08-2019
33.	Community Health Care	8-08-2019
34.	Impact of climate change on Biodiversity	14-02-2020
35.	Cyber forensics and Crime investigation	11-07-2019
36.	International Invited lecture on Crime Scene Science	4-12-2019
37.	International Invited lecture on Criminal Justice System	14-01-2020
38.	Webinar series 2020-Tracking criminals using behavioral sciences: Application of digital forensics technologies	26-05-2020
39.	Webinar series 2020-Digitization of evidences from the crime scene	27-05-2020
40.	Webinar series 2020- Recent advancements in digital forensics	28-05-2020
41.	Webinar series 2020- Automation of digital evidence processing	29-05-2020
42.	Webinar series 2020- Application of revolutionary biochip array technology in Forensic Toxicology	30-05-2020
43.	Webinar series 2020- HPTLC and Forensic Applications	30-05-2020

44.	Air pollution; Consequences & solutions	26-06-2019
45.	Phytochemicals in Cance Therapeutics	19-07-2019
46.	One day international workshop on the politics of the dissent of the informal workers in india	4-11-2019
47.	One day international workshop on the politics of the dissent of the informal workers in india	4-07-2019
48.	ONE DAY NATIONAL SEMONAR ON BUDGET 2020	26-02-2020
49.	The Politics of the Informal Workers in India -International	4-07-2019
50.	intellectual property rights Malayalam linguistics and literary discourses	17-02-2020
51.	Conversation with Manu S Pillai & Dr Salil S	10-14-2019
52.	Importance and Influence of Vocational Courses	11-6-2019
53.	script lab preparation	12-6-2019
54.	Conversation with Manu S Pillai & Dr Salil S	11-6-2019
55.	Importance and Influence of Vocational Courses	11-6-2019
56.	Sript Lab training	1-8-2020
57.	Training on Preservation for flood relief	8-15-2019
58.	vattezhuth national seminar	10-20-2020
59.	Anciet scripts	11-13-2020
60.	Translation	11-20-2020
61.	Brahmi script	12-2-2020
62.	scope of Malayalam	12-4-2020
63.	scope of Vattezhuth Unicoding	12-8-2020
64.	traditional ways of writing	12-15-2020
65.	traditional ways of palm leaf production	12-16-2020
66.	translation of inscriptions	12-17-2020

Beneficial incubation centers like Famella that produced and sold organic napkins and e-Bazaar organized under the coordination of the Department of Economics was launched during this academic year and is operating successfully. In view of the area of research, four faculty members were awarded with doctorate this academic year and successful attempts at increasing the quality of the research publications has provided positive results. There were averagely good number of books published in national/international proceedings with the highest number of publications submitted by the Department of Zoology. The H index and citation index of the college is gradually picking up every year. The faculty members have cooperated wholeheartedly in the organization and participation of conferences and seminars in international, national, state and local levels. Along with presentation of their papers in these areas, they have also shared their knowledge as resource persons for various events. The consultancy services of the college have improved considerably in comparison with the previous year especially the Water Quality Analysis after the floods was a commendable act by the Department of Biotechnology. The extension activities are being carried out with much zeal in the campus which is reflected through the numerous awards and recognitions received by the college NSS and NCC units. It is a striking feature that 100 % of the students have become a part of the extension activities being carried out by the college. The college has extended its hand of mutual help through collaborative activities like student-faculty exchange programs and signing of MoUs with reputed

educational institutions that guarantees skill development and provides vocational training programs in the form of internships, placements and camps.

#### **CRITERIA 4**

The purchase committee has judiciously invested for the infrastructural development and maintenance in the campus. Though the initiatives were well begun, some of the endeavors could not be brought into completion due to the Covid-19 pandemic. Fortunately, the college was able to impart remarkable updation in the areas of sports and science laboratories. The green initiatives are one of the applaudable changes that took place in the campus during this academic year. Comprehending the widespread benefits of using technology with education, the college has invested a good amount in developing its ICT facilities at academic and administrative levels. It is a good step as the college now smartly deals with a descent amount of technological assistance in all its activities. The library is the knowledge repository of any institution and the management has taken keen efforts towards the automation of the college library by adopting learner friendly software for rendering services for the students. The lockdown had resulted in limited use of the books available in the library and hence to ease the learning struggles, more e-books were introduced. The college is one local chapter of SWAYAM/NPTEL and is able to develop modules and offer helpful courses for the students through these platforms. The teachers and students have cooperated sufficiently by utilizing these services for their participation and presentations. The college campus provides free Wi-Fi facility with 50 MBPS bandwidth (leased line; the college also possesses supplementary lines) for unhindered and fast browsing of educational content on the internet and it is noticed that the number of computer users in the campus has also remarkably soared in this academic year. Another admirable leap for the institution was the establishment of the iLab in the campus that aided in the creation of high-quality e-content. The studio caters to all the video-audio recording requirements along with providing essential editing facilities. In addition to starting new initiatives, the college has taken ample struggles to for the upkeep of the existing infrastructural facilities of the campus. The maintenance and cleaning of the classrooms, seminar halls, auditorium, comfort rooms and other support facilities are done on a regular basis. The grounds and gardens are maintained with the help of a dedicated crew of support staff. On an average, apart from the obstacles faced during the unexpected restrictions during the pandemic, the institution was able to perform satisfactorily in this criterion.

#### **CRITERIA 5**

The student support and progression programs of the college are carried out in a systematic and organized manner. The college now provides higher number of scholarships for the students based on merit and there are averagely good number of students availing this facility. Like the previous year, this year also the college has effortlessly maintained the number of endowments granted to the students.

#### **Scholarships received by students**

<b>Sl No</b>	<b>Name of the scheme</b>	<b>Number of students</b>
1.	All India inter-university medal -merit scholarship	4
2.	ASPIRE Scholarship	16



3.	District Merit Scholarship	2
4.	Endowments	100
5.	Higher Education Scholarship	56
6.	Hindi Scholarship	1
7.	Kerala State Sports Council Scholarship/Freeship	39
8.	NSP Scholarship	176
9.	Post-matric Scholarship for General Students	223
10.	Post-matric Scholarship for OBC (H) Students	42
11.	Post-matric Scholarship for OBC Students	208
12.	Post-matric Scholarship for OEC Students	65
13.	Post-matric Scholarship for SC Students	310
14.	Post-matric Scholarship for ST Students	4
15.	Special Incentive Scheme for SC students	42
16.	Sports Freeship	16
17.	Sr. Franco Memorial Trust scholarship	10
18.	St. Joseph Student Aid Fund scholarship	1000
19.	Suvarna Jubilee Merit Scholarship	32

Furthermore, the respective college committee for SC/ST/OBC has taken good efforts at orienting the students to avail suitable scholarships schemes and as a result the number of SC/ST/OBC students benefitting from college supported scholarships have also increased visibly. The capacity enhancement programs like language lab, bridge course, yoga etc. are being carried out with full zest and has recorded good number of participations from the students. The institution is interested in providing coaching for competitive examinations like NET/JRF, SET, CAT, bank and PSC coaching. Unfortunately, the restrictions due to the pandemic led the institution to take a back seat in rendering rigorous coaching lessons for the students and as a result, the classes were conducted online. Irrespective of the hindrances, an averagely good number of students have cleared many competitive examinations during this academic year. The committees of the college are functioning and monitoring the activities constantly by giving regular awareness and sensitization programs against ragging and sexual harassment and hence there has been no serious grievances reported with the committees. A good number of students were placed via campus placements conducted in the college and the number of students opting for higher education is noteworthy; approximately above 50% of the students have opted for higher education as their future path from the college. The college has been able to mark its identity in the sports and cultural events through its organization and participation in local, national and international events. In student participation and activities, the college has worked efficiently to incorporate a good share of student participation in its activities through active functioning of the student council in the campus for organizing and conducting cultural activities. Like every year, the annual alumnae meet was conducted on January 26<sup>th</sup> this year. The alumna plays a significant role in the development of the college by contributing their share of happiness during the annual alumnae meet by registering good involvement of the alumna. the alumnae association of the college is also dynamically functioning towards the upliftment of its alma mater.

## CRITERIA 6

This year the college witnessed great initiatives towards its decentralization process through the formation of departmental council. The students, student representatives from each class and faculty form the composition of the departmental council. This decentralization action gives them a fair chance at providing their valuable feedbacks especially towards the curriculum-based aspects. Another step towards decentralization was the branching of IQAC and its responsibilities. The IQAC is now a decentralized hub that consist of student wing, faculty contact person wing, IQAC core committee, working committees and other prominent committees that jointly work towards the quality initiatives of the institution in an organized and systematic manner. The MIS (Management Information System) of the college is regularly being updated and it is functioning smoothly. Necessary curricular development takes place in the institution as a part of the strategic development plan and there have been considerable changes in the teaching and learning process adopted by the college. Apart from these strategic moves, the transformation of examination and evaluation procedures into electronic mode is also noteworthy. Appreciable efforts are being taken to improve the research and development areas by regularly conducting awareness and motivational classes. The campus infrastructure is constantly supervised for maintenance and upgradation. All the classrooms are adequately furnished with the recent ICT appliances for advanced learning and availability of WIFI network is ensured. The library facilities are also constantly upgraded to provide a rich learning experience for the students. An active feedback mechanism is maintained for a participative system of management and to make necessary amendments for a holistic working environment. An HRD cell efficiently functions in college to foster the employability skills in students and to cater assistance for career advancements. As part of curriculum enrichment, research, internship and training, the college has collaborated with numerous industries, institutes and organizations over the course of time to promote industrial collaboration and to enhance the student experience. The college LMS, SJC-LINWAYS acts as a platform that aids in the admission procedures. The admission procedures are unbiased and strictly followed according to the Government and University norms for autonomous colleges. This also stands as an example for the E-governance that is being followed in all the working aspects of the institution starting from the admission procedures to obtaining of the transfer certificate during the final year is managed and maintained by the college LMS. The college provides necessary support in the form of grants for the faculty empowerment initiatives. The conditions for obtaining these grants were further liberalized for motivating further participation in FDPs. Along with FDP, the college takes interest in organizing and holding SDP (Staff Development Programs) for complete upgradation of its working environment. This was highly beneficial during the pandemic as it aided in the online admission procedures handled by the staff and the smooth handling of online classes by the faculty on the basis of the FDP organized for equipping them with the changes in time. Since the refresher program and orientation classes were made available online, there was a good percentage of participation from the faculty for the same. The student-faculty ratio is being constantly monitored and maintained by appointing new faculty time to time. It was a good thing that that the college was able to mobilize CSIR funds during this academic year. The IQAC of the college is functioning actively through its wide spread quality initiatives. The academic and administrative audit, both internal and external were successfully carried out as a collaborative quality initiative by the IQAC. The parent-teachers association is actively engaged with the endeavors of the IQAC and several FDPs and SDPs are organized as a developmental act of the committee. Furthermore, the development programs for the support staff are also being regularly carried out under the supervision of this committee. It has also participated in NIRF and the data for AISHE has been duly entered on time by IQAC.

### FDP Programme Organized

SI No	Date	Programme
1.	04-05-2020 to 09-05-2020	FDP ON R PROGRAMMING
2.	06-11-2019	Conversation with Manu S Pillai & Dr Salil S
3.	17-07-2019	Vlogging Conventions
4.	27-06-2019 - 28-06-2019	Workshop on 'Class management and Student Psychology'
5.	08-03-2019	Hands on Training session on 'Computational Skills in Teaching'
6.	19-08-2019 - 22-08-2019	Digital Question Bank
7.	15-07-2019 - 16-07-2019	Outcome based education
8.	31-08-2019	New Area of Research
9.	12-03-2019	Faculty Development Program on 'File Management'

### List of faculties attended FDP

SI No	Name of teacher	Title of the program	Duration
10.	Kavitha O	Four credit course on Biochemistry and molecular Biology	01-08-2019 - 31-08-2019
11.	Viji Mary Varghese	Tissue Engineering	01-08-2019 - 31-10-2019
12.	Naijil George	Learning Management systems	29-07-2019 - 04-08-2019
13.	Binu T V	Faculty Development Programme for FLAIR Members	11-02-2019 -20-02-2019
14.	Alfred Joe	KSCSTE sponsored National seminar on Modern Trends in Biosystematics of Angiosperms	11-11-2019 - 13-11-2019
15.	Manoj A L	UGC sponsored refresher course in Human Rights	04-12-2019 - 17-12-2019
16.	Bibitha Joseph	UGC sponsored refresher course in chemistry	20-09-2019 - 03-10-2019
17.	Sini Varghese C	UGC sponsored orientation program	13-11-2019 - 03-12-2019
18.	Jitha Thomas	UGC sponsored refresher course	01-08-2019 - 14-08-2021
19.	Siby Linson	Two week capacity building program for faculty of social science 'Standardised Research Methods for Data Analysis'	01-11-2019 - 14-11-2019
20.	Siby Linson	UGC sponsored refresher course in Human Rights	04-12-2019 - 17-12-2019
21.	Siji P D	UGC Sponsored Refresher Course in Computer Science	13-02-2019 - 05-03-2019
22.	Manoj A L	UGC sponsored refresher course in Human Rights	04-12-2019 - 17-12-2019
23.	Bibitha Joseph	UGC sponsored refresher course in chemistry	20-09-2019 - 03-10-2019
24.	Sini Varghese C	UGC sponsored orientation program	13-11-2019 - 03-12-2019
25.	Jitha Thomas	UGC sponsored refresher course	01-08-2019 - 14-08-2021
26.	Siby Linson	Two week capacity building program for faculty of social science 'Standardised Research Methods for Data Analysis'	01-11-2019 - 14-11-2019
27.	Siby Linson	UGC sponsored refresher course in Human Rights	04-12-2019 - 17-12-2019
28.	Sujitha V S	NPTTEL - AICTE Faculty Development Programme - Introduction to film studies	01-07-2019 - 31-10-2019
29.	Sonima K K	SWAYAM ARPIT online Annual Refresher	01-10-2019 - 31-12-2019

		Programme in English Language Teaching	
30.	Sujitha V S	SWAYAM ARPIT Annual Refresher Programme in English Language Teaching	01-10-2019 - 31-12-2019
31.	Anju Antony	Refresher Course in English Language	17-10-2019 - 30-10-2019
32.	Sameena Thomas	SWAYAM ARPIT online Annual Refresher Programme in English Language Teaching	01-10-2019 - 31-12-2019
33.	Geetha Jacob	Refresher , University of Kerala	12-06-2019 -25-06-2019
34.	Jose Kuriakose	UGC sponsored Refresher Course in Human Rights	04-12-2019 - 17-12-2019
35.	Sinda Joy	UGC sponsored orientation programme	06-11-2019 - 26-11-2019
36.	Dhanya V S	Refresher course in Mathematical Science (Mathematics and Statistics)	09-12-2019 - 21-12-2019
37.	Sherin Jose T	Induction training programme for teachers	23-09-2019 - 22-10-2019
38.	Madhu C A	UGC sponsored orientation programme	10-10-2019 - 30-10-2019
39.	Naijil George	Human Molecular Genetics	01-01-2020 - 29-02-2020
40.	Kavitha O	Biochemical Principles of Energy Metabolism	01-02-2020 - 25-05-2020
41.	Naijil George	Sustainable Construction Materials and techniques	01-12-2019 - 16-02-2020
42.	Naijil George	Refresher course in Experimental Techniques for Biological Sciences	06-02-2020 - 19-12-2020
43.	Naijil George	Online and Blended Learning	09-03-2020 - 21-03-2020
44.	Naijil George	ICT Tools for Online Learning	20-04-2020 - 28-04-2020
45.	Binu T V	108th Orientation programme	06-01-2020 - 25-01-2020
46.	Alfred Joe	Two weeks MOOC course on Online learning and content development	18-04-2020 - 02-03-2020
47.	Binu T V	Two weeks MOOC course on Online learning and content development	18-04-2020 - 02-03-2020
48.	Binu T V	ERUDITION	23-05-2020 -26-05-2020
49.	Nisha george	Moodle Learning Management System	01-01-2020 - 22-04-2020
50.	Vidhya Thomas K	Online Refresher Course in Chemistry for Higher Education	01-12-2019 - 16-02-2020
51.	Manoj A L	Water challenges during and post covid-19	07-05-2020 - 28-05-2020
52.	Nisha george	Water challenges during and post covid-19	07-05-2020 - 28-05-2020
53.	Sini Varghese C	Water challenges during and post covid-19	07-05-2020 - 28-05-2020
54.	Vidhya Thomas K	Water challenges during and post covid-19	07-05-2020 - 28-05-2020
55.	Vidhya Thomas K	Short term faculty development program	23-05-2020 - 28-05-2020
56.	Vidhya Thomas K	FDP	13-05-2020
57.	REMYA S	Faculty Development Program on R Programming	05-05-2020 - 10-05-2020
58.	Sr. Ligi V K	Faculty Development Program on R Programming	05-05-2020 - 10-05-2020
59.	REMYA S	Research Methodology for social sciences	06-04-2020 - 12-04-2020
60.	Sr. Ligi V K	Refresher Course on Astronomy and Astrophysics 2020	11-05-2020 - 12-06-2020
61.	ELIZABETH PAUL C.	Refresher Programme on MBA-PPC	14-04-2020 - 04-05-2020
62.	REMYA S	Refresher Programme on MBA-PPC	14-04-2020 - 04-05-2020
63.	Amrutha Thomas	Faculty Development Program on Managing Online Classes and Co-Creating MOOCs:2.0	18-05-2020 - 03-06-2020

64.	ELIZABETH PAUL C.	Faculty Development Program on Managing Online Classes and Co-Creating MOOCS:2.0	18-05-2020 - 03-06-2020
65.	REMYA S	Faculty Development Program on Managing Online Classes and Co-Creating MOOCS:2.0	18-05-2020 - 03-06-2020
66.	ELIZABETH PAUL C.	Faculty Development Programme on Enhancing Research Instincts	20-04-2020 - 03-05-2020
67.	REMYA S	Faculty Development Program on Enhancing Research Instincts	20-04-2020 - 03-05-2020
68.	ELIZABETH PAUL C.	Faculty Development Program on Income tax return (ITR)	20-04-2020 - 25-04-2020
69.	Jitha Thomas	Online faculty development programme	20-04-2020 -03-05-2020
70.	REMYA S	Use of Research and Analytics to write a good research outcome	26-04-2020 - 01-05-2020
71.	REMYA S	Short term Training Programme on I5- Innovation, Incubation, Intrapreneur, Invention & Intellectual Property	26-04-2020 - 09-05-2020
72.	ELIZABETH PAUL C.	Management of environment and resources	28-04-2020 - 11-05-2020
73.	REMYA S	Management of environment and resources	28-04-2020 - 11-05-2020
74.	Amrutha Thomas	R Training	01-01-2020 - 30-01-2020
75.	Rupini T S	Faculty Development Programme on “R Programming”	04-05-2020 - 10-05-2020
76.	SOUMYA STEPHEN A	R programming	04-05-2020 -10-05-2020
77.	Rupini T S	STTP on Advanced Research Methodology	11-05-2020 - 15-05-2020
78.	Rupini T S	Faculty Development Program on Engineering and Management teaching Pedagogy- an industrial perspective	11-05-2020 - 15-05-2020
79.	Siby Linson	STTP on Advanced Research Methodology	11-05-2020 - 15-05-2020
80.	Rupini T S	Faculty Development Program on Innovations to Academicians	11-05-2020 - 16-05-2020
81.	Rupini T S	Faculty Development Program on Engineering and Management Teaching Pedagogy- an industry perspective	11-05-2020 - 16-05-2020
82.	Amrutha Thomas	Refresher Programme on MBA-PPC	14-04-2020 - 04-05-2020
83.	Rupini T S	Refresher Programme on MBA-PPC	14-04-2020 - 04-05-2020
84.	Rupini T S	Faculty Development Program series on Learning, Pedagogy and Effective use of Case Methodology	17-05-2020 - 21-05-2020
85.	Amrutha Thomas	Workshop	18-04-2020 -20-04-2020
86.	SOUMYA STEPHEN A	Faculty Development Program on Managing Online Classes and Co-Creating MOOCS:2.0	18-05-2020 - 03-06-2020
87.	Amrutha Thomas	Faculty Development Program on Income tax return (ITR)	20-04-2020 - 25-04-2020
88.	Jitha Thomas	Faculty Development Program on Income tax return (ITR)	20-04-2020 - 25-04-2020
89.	Jitha Thomas	Short term Training Programme on I5- Innovation, Incubation, Intrapreneur, Invention & Intellectual Property	26-04-2020 - 09-05-2020
90.	Amrutha Thomas	On line Certificate Course	26-04-2020 - 30-04-2020

91.	Amrutha Thomas	Short term Training Programme on I5- Innovation, Incubation, Intrapreneur, Invention & Intellectual Property	26-04-2020 -09-05-2020
92.	Rupini T S	Short term Training Programme on I5- Innovation, Incubation, Intrapreneur, Invention & Intellectual Property	26-04-2020 -09-05-2020
93.	ANDREA VARGHESE	FACULTY DEVELOPMENT PROGRAMME ON ENHANCING RESEARCH INSTINCTS	20-04-2020 – 03-05-2020
94.	SILPA MA	FACULTY DEVELOPMENT PROGRAMME ON ENHANCING RESEARCH INSTINCTS	20-04-2020 – 03-05-2020
95.	ANDREA VARGHESE	Faculty Development Program on Income tax return (ITR)	20-04-2020 - 25-04-2020
96.	SILPA MA	Faculty development programme on income tax returns	20-04-2020 - 25-04-2020
97.	Jasmine Jose	R Programming	04-05-2020 - 10-05-2020
98.	Prameeja Prasadhan	Faculty Development Programme on ‘R Programming’	27-04-2020 - 04-05-2020
99.	Geethu Wilson	Cloud Computing Basics (Cloud 101)	29-05-2020 - 06-09-2020
100.	Minla K S	Cybersecurity and the Internet of Things	01-03-2020 - 14-06-2020
101.	Minla K S	Introduction to Virtual Reality	01-04-2020 - 18-05-2020
102.	Sr. Siji P D	Make & Edit Video Classes	01-05-2020 - 05-05-2020
103.	Geethu Wilson	R Programming	04-05-2020 - 10-05-2020
104.	Minla K S	R Programming	04-05-2020 - 10-05-2020
105.	Anu Jose	R Programming	05-04-2020 - 05-10-2020
106.	Ambily Jacob	R Programming	05-04-2020 - 05-10-2020
107.	Prameeja Prasadhan	R Programming	05-04-2020 - 05-10-2020
108.	Reesha P U	R Programming	05-04-2020 - 05-10-2020
109.	Siji P D	R Programming	05-04-2020 - 05-10-2020
110.	Jasmine Jose	Workshop on Data Science Using Python	11-05-2020 - 15-05-2020
111.	Siji P D	managing online classes and co-creating moocs : 2 . 0	18-05-2020 - 03-06-2020
112.	Reesha P U	Data Science using Python	20-05-2020 - 24-05-2020
113.	Sr. Siji P D	NEXT GENERATION INTELLIGENCE	20-05-2020 - 25-05-2020
114.	Jasmine Jose	Four Days Webinar on Tech trends & opportunities In Post Pandemic World	20-5-2020 - 23-5-2020
115.	Minla K S	Faculty Development Program on Artificial Intelligence	22-05-2020 - 26-05-2020
116.	Reesha P U	Importance of IT in the evolution of IOT and Data Analytics World	25-05-2020 - 29-05-2020
117.	Anu Jose	Faculty Development Programme on ‘R Programming’	27-04-2020 - 04-05-2020
118.	Ambily Jacob	Faculty Development Programme on ‘R Programming’	27-04-2020 - 04-05-2020
119.	Minla K S	Cloud Computing Basics (Cloud 101)	29-05-2020 - 06-09-2020
120.	Jomol Thomas	Faculty Development Programme on “R Programming”	04-05-2020 - 10-05-2020
121.	Jomol Thomas	Short term training programme on statistical	18-05-2020 - 29-05-2020

		analysis for research	
122.	Sujitha V S	Kerala State Higher Education Council - FDP online	08-03-2020 - 08-07-2020
123.	Sujitha V S	Directorate of Collegiate Education MOOC Course online	18-04-2020- 02-05-2020
124.	Litty Chacko	Short term course on archeo astronomy	01-03-2020 - 21-05-2020
125.	Litty Chacko	short term course on Journey of the Universe: The Unfolding of Life	01-05-2020 - 22-06-2020
126.	Litty Chacko	short term course on Work Smarter	01-05-2020 - 30-05-2020
127.	Litty Chacko	short term course onIntroduction to Google Docs	01-05-2020 - 31-05-2020
128.	Litty Chacko	short term course on Create a Resume and Cover Letter with Google Docs	01-05-2020 - 31-05-2020
129.	Litty Chacko	short term course on Use WordPress to Create a Blog for your Business	03-05-2020 - 31-05-2020
130.	Litty Chacko	short term course on Ready, Set, Future! Introduction to Futures Thinking	05-01-2020 - 28-05-2020
131.	Litty Chacko	short term course on Wood Science: Beyond Building	06-04-2020 - 06-06-2020
132.	Litty Chacko	Short term course on How to Write and Publish a Scientific Paper	07-04-2020 - 23-05-2020
133.	Litty Chacko	short term course on Be entrepreneurial in Cultural Industries in the digital age	09-04-2020 - 09-06-2020
134.	Litty Chacko	short term course on Think Again I: How to Understand Arguments	11-05-2020 - 11-06-2020
135.	Litty Chacko	short term course on Arts and heritage management	12-02-2020 - 20-04-2020
136.	Litty Chacko	short term course on basic english	14-03-2020 - 14-04-2020
137.	Litty Chacko	short term course on introduction to algae	15-05-2020 - 22-05-2020
138.	Litty Chacko	short term course on Tangible things - Harward	17-03-2020 - 07-06-2020
139.	Litty Chacko	short term course on Earth day at 50	20-03-2020 - 12-04-2020
140.	Litty Chacko	short term course on HOW TO TEACH ONLINE: PROVIDING CONTINUITY FOR STUDENTS	20-04-2020 - 11-04-2020
141.	Litty Chacko	short term course on Recovering the Humankind's Past and Saving the Universal Heritage	21-04-2020 - 21-06-2020
142.	Litty Chacko	short term course on Inspiring and Motivating Individuals	28-04-2020 - 28-05-2020
143.	Sherin Jose T	Online training course on make and edit video classes	01-05-2020 - 05-05-2020
144.	Alphy Joseph	Teachers Enrichment Workshop	08-04-2020 - 13-04-2020
145.	Fijy Jose P	UGC sponsored orientation programme	10-02-2020 - 29-02-2020
146.	Stalin Raphel	Refresher Course on Physical Educationa	12-03-2020 - 25-03-2020
147.	Thushara Philip	Refresher Course on "A Road Map to Enhance Core Teaching Competencies In Academic LandScape"	14-02-2020 - 27-02-2020
148.	Mary Gisby Poullose	Faculty Development Programme on R	04-05-2020 - 10-05-2020

		Programming	
149.	Mary Gisby Poulouse	Refresher Course on Astronomy and Astrophysics	11-05-2020 - 12-06-2020
150.	Gigi Poulouse	MOOC Course on "Online Learning & Content Development "	18-04-2020 - 02-05-2020
151.	Sr. Anis K. V.	Workshop on "How to address the Climate Change"(LACC 2020)	27-01-2020 - 31-01-2020
152.	Vidya G	"Moodle based learning management system"	05-05-2020 - 14-05-2020
153.	Vidya G	Faculty Development Programme on "R Programming"	04-05-2020 - 10-05-2020
154.	Gigi Poulouse	Faculty Orientation Programme for Student Induction	30-05-2019 - 01-06-2019

### CRITERIA 7

The college has shown exceptional efforts at organizing and participating in gender equity programs during this year. As a women's only college, this is a good step towards normalizing the gender equity and understanding the value system of the society. The college also considers the needs of the differently abled by adopting infrastructural facilities that support easy mobility and smooth learning experience for the disabled. To bring in environmental consciousness, the college has shifted its energy utilization methods to approximately 20% to solar mode of power consumption. For rationalizing the working system of the institution, a code of conduct has been developed for every category of populace in the institution starting from the students to the principal and is being adhered strictly. The revision on these codes of conduct and awareness regarding conduct is regularly provided to them during the initial working days of an academic year through induction or orientation programs. The NSS and NCC departments of the college are active and have organized numerous beneficial social value-oriented programs in the campus. The college campus is eco-friendly and its waste management methods are being employed and managed judiciously. The feedback system for syllabus revision and digitalization of examination education sector are the two main highlighted best practices of the institution. The feedback mechanism of the college is a well prepared and organized system where the feedback from all the stakeholders of the college is appropriately and systematically collected and analyzed. The received observations are passed on to higher authorities for implementation and monitoring of the implemented decisions. This is an excellent step from the institution as it keeps in check the necessary timely modifications to be incorporated in order to stay updated with the time. The digitalization of the examination sector is a crucial and an extremely appreciable initiative by the institution as it has reduced errors and prejudices and paved way for just and accurate means of evaluations and timely publication of results. The college has taken the service of IPSR solutions and opted for QnSmart as the question paper management tool developed by expert academicians and professionals for efficient and intelligent monitoring of question paper quality developed according to the Blooms Taxonomy. Further, the question paper tool facilitates Outcome based Education by digitally mapping CO, PO and the PSOs of a course program. This altogether capsulates the institutional values and best practices.