

## St. Georges College Aruvithura [ ARI-C-11735 ][ C-11735 ]



## Section 1: Policy And Institutionalization Of I&E Activities In HEIs (Academic Calendar Year 2020-21 & 2021-22)

### 1.1) Adoption Level of Innovation and Entrepreneurship (I&E) Policy in HEIs: Registration; Policy Formulation; Policy Implementation

Completion of Action Items (status as on 7th November 2022 )	Status
Registered in the NISP portal for I&E Policy Adoption	Yes
Institute has Formulated an Innovation and Entrepreneurship (I&E) Policy	Yes
Institute has Action Plans for Implementation of the I&E Policy	Yes

#### Contact:

Faculty Name:	Mithun John
Designation:	Assistant Professor

## 1.2) Performance Level of Institution's Innovation Councils (IICs) Established in HEIs: Scores and Stars Obtained

Annual Performances of IIC Institute	Stars Secured
IIC 1.0 (2018-19)	1,2
IIC 2.0 (2019-20)	0
IIC 3.0 (2020-21)	0
IIC 4.0 (2021-22)	1

### Contact:

IIC President of the Institute:	Dr.Jilu Ani John
Designation:	VICE PRINCIPAL

## 1.3) Activeness of Trained Innovation Ambassadors in Driving Campus I&E Ecosystems in HEIs: Trained IA/HEI and Nos of Prescribed Activities undertaken by IA

Sr. No.	Name of the Faculty IA	Level of Training	No of I&E Expert Talks/Sessions Conducted
1	Anu Thomas	Advance	2
2	Dr.SOUMYA GEORGE	Advance	1
3	Dr.GEMINI GEORGE	Advance	0
4	Dr.ABIN SEBASTIAN	Basic	0
5	JESTIN JOY	Basic	0

Sr. No.	Name of the Faculty IA	Level of Training	No of I&E Expert Talks/Sessions Conducted
6	Dr.Manjumol Mathew	Basic	0
7	Dr. Thomas mathew	Basic	1
8	Mareena George	Basic	0
9	Devika Prasad	Basic	0
10	MITHUN JOHN	Advance	1
11	JESTIN JOY	Advance	0
12	SUMESH GEORGE	Basic	0

#### 1.4) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	C-11735	Yes
HEI Participated in the Smart India Hackathon (2022)	C-11735	Yes

## Section 2: Teaching and Learning: Academic Programs related to Innovation and Entrepreneurship (I&E) Offered by the HEI

## 2.1) Academic Courses in Innovation, Entrepreneurship and IPR

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
1	Money and financial market	EC6 CRT13	2021-22	Core Course	Bachelor	Department of Economics	4	01-01-2021 00:00:00	12-04-2021 00:00:00	102	108	Blended Mo
2	Entrepreneurship development and Project Management	CO4CRT13	2021-22	Core Course	Bachelor	Department of commerce	4	01-11-2021 00:00:00	31-03-2022 00:00:00	151	90	Offline
3	Methodology of Programming and C Language	CA1CRT02		Core Course	Bachelor	Department of Computer application	4	01-07-2021 00:00:00	08-12-2021 00:00:00	161	72	Offline
4	Object Oriented Programming using c plus plus	CA2CRT02	2020-21	Core Course	,Bachelor	Department of computer application	4	01-01-2021 00:00:00	05-05-2021 00:00:00	125	72	Online
5	Data structure using c plus plus	CA3CRT09	2021-22	Core Course	,Bachelor	Department of computer application	4	01-06-2021 00:00:00	02-11-2021 00:00:00	155	72	Offline
6	Web Programming using PHP	CA4CRT13	2021-22	Core Course	,Bachelor	Department of computer application	4	01-01-2022 00:00:00	01-04-2022 00:00:00	91	52	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
7	Java Programming using Linux	CA5CRT16	2021-22	Core Course	,Bachelor	Department of computer application	4	01-06-2021 00:00:00	01-11-2021 00:00:00	154	52	Offline
8	Software Development Lab I Practical	CA5CRT06	2021-22	Core Course	,Bachelor	Department of computer application	4	01-01-2021 00:00:00	04-05-2021 00:00:00	124	180	Offline
9	Informatics and Cyber Ethics	CA5OPT01	2021-22	Elective Course	Bachelor	Department of computer application	3	01-06-2021 00:00:00	05-10-2021 00:00:00	127	72	Offline
10	IT and the environment	CA5CRT15	2021-22	Core Course	,Bachelor	Department of computer application	4	01-06-2021 00:00:00	01-11-2021 00:00:00	154	72	Offline
11	Agribusiness	BO6PET01	2021-22	Elective Course	,Bachelor	Department of botany	3	01-01-2021 00:00:00	01-04-2021 00:00:00	91	54	Offline
12	Entrepreneurship Development and Management in food Industry	FS6CRT24	2021-22	Core Course	,Bachelor	Department of food science and technology	4	01-01-2021 00:00:00	31-03-2021 00:00:00	90	72	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
13	ENTREPRENEURSHIP DEVELOPMENT	BOCG601	2021-22	Elective Course	,Bachelor	Department of food science and technology	4	01-01-2022 00:00:00	01-05-2022 00:00:00	121	60	Offline
14	Photo Journalism	MC3CRT14	2021-22	Core Course	,Bachelor	DEPARTMENT OF MEDIA STUDIES	4	01-06-2021 00:00:00	26-10-2021 00:00:00	148	72	Offline
15	Radio Production	MC4CRT19	2021-22	Core Course	,Bachelor	DEPARTMENT OF MEDIA STUDIES	4	01-11-2021 00:00:00	31-03-2022 00:00:00	151	72	Offline
16	Television Production	MC5CRT21	2021-22	Core Course	,Bachelor	DEPARTMENT OF MEDIA STUDIES	4	01-01-2021 00:00:00	14-04-2021 00:00:00	104	90	Offline
17	Advertising	MC4CRT18	2021-22	Core Course	,Bachelor	DEPARTMENT OF MEDIA STUDIES	4	29-10-2021 00:00:00	31-03-2022 00:00:00	154	90	Offline
18	CLOUD COMPUTING	CA6CRT17	2021-22	Core Course	,Bachelor	DEPARTMENT OF COMPUTER APPLICATION	4	01-01-2022 00:00:00	01-05-2022 00:00:00	121	72	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
19	MOBILE APPLICATION DEVELOPMENT	CA6CRT18	2021-22	Core Course	,Bachelor	DEPARTMENT OF COMPUTER APPLICATION	4	01-01-2022 00:00:00	01-05-2022 00:00:00	121	72	Offline
20	SYSTEM ANALYSIS AND SOFTWARE ENGINEERING	CA4CRT11	2021-22	Core Course	,Bachelor	DEPARTMENT OF COMPUTER APPLICATION	4	01-11-2021 00:00:00	31-03-2022 00:00:00	151	72	Offline
21	DESIGN AND ANALYSIS OF ALGORITHMS	CA4CRT10	2021-22	Core Course	,Bachelor	DEPARTMENT OF COMPUTER APPLICATION	4	01-11-2021 00:00:00	31-03-2022 00:00:00	151	72	Offline
22	Principles of Business Decisions	CO2CMT02	2021-22	Elective Course	,Bachelor	DEPARTMENT OF COMMERCE	3	02-12-2021 00:00:00	01-05-2022 00:00:00	151	54	Offline
23	Corporate Regulations and Administration	CO1CRT03		Core Course	,Bachelor	DEPARTMENT OF COMMERCE	3	01-07-2021 00:00:00	02-12-2021 00:00:00	155	72	Offline
24	Financial Markets and Operations	CO3CRT09	2021-22	Core Course	,Bachelor	DEPARTMENT OF COMMERCE	3	01-06-2021 00:00:00	01-11-2021 00:00:00	154	54	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
25	Business Management	CO2CRT06	2021-22	Core Course	,Bachelor	DEPARTMENT OF COMMERCE	3	01-01-2021 00:00:00	01-07-2021 00:00:00	182	54	Offline
26	Business Regulatory Framework	CO2CRT05	2021-22	Core Course	,Bachelor	DEPARTMENT OF COMMERCE	3	01-01-2021 00:00:00	01-07-2021 00:00:00	182	72	Offline
27	Marketing Management	CO3CRT10	2021-22	Core Course	,Bachelor	DEPARTMENT OF COMMERCE	3	01-01-2021 00:00:00	02-07-2021 00:00:00	183	54	Offline
28	Advertisement and Sales Managemen	CO6CRT18	2021-22	Core Course	Bachelor	DEPARTMENT OF COMMERCE	3	01-01-2021 00:00:00	08-04-2021 00:00:00	98	72	Offline
29	Software for Business and Research	CO6OCP01	2020-21	Elective Course	,Bachelor	DEPARTMENT OF COMMERCE	4	01-01-2021 00:00:00	02-04-2021 00:00:00	92	90	Offline
30	Information Technology for Business	CO3OCT02	2021-22	Elective Course	,Bachelor	DEPARTMENT OF COMMERCE	4	01-06-2021 00:00:00	02-11-2021 00:00:00	155	90	Offline
31	Quantitative Techniques for Business- 1	CO3CRT08	2020-21	Core Course	,Bachelor	DEPARTMENT OF COMMERCE	4	01-06-2021 00:00:00	01-11-2021 00:00:00	154	72	Offline



Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
32	Quantitative Techniques for Business- II	CO4CRT12	2021-22	Core Course	,Bachelor	DEPARTMENT OF COMMERCE	4	02-12-2021 00:00:00	31-03-2022 00:00:00	120	90	Offline
33	Information Technology for business	BOCG102	2021-22	Elective Course	Bachelor	DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY	4	01-07-2021 00:00:00	02-02-2022 00:00:00	217	72	Offline
34	FOOD PRESERVATION	BOVS201	2021-22	Core Course	,Bachelor	DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY	6	02-11-2021 00:00:00	31-03-2022 00:00:00	150	108	Offline
35	DAIRY TECHNOLOGY	BOVS202		Core Course	,Bachelor	DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY	6	01-12-2021 00:00:00	31-03-2022 00:00:00	121	108	Offline
36	PACKAGING TECHNOLOGY	BOVG302		Elective Course	,Bachelor	DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY	4	01-06-2021 00:00:00	02-11-2021 00:00:00	155	72	Offline
37	-POST HARVEST TECHNOLOGY I	BOVS301		Core Course	Bachelor	DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY	6	01-06-2021 00:00:00	31-10-2021 00:00:00	153	72	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
38	- POST HARVEST TECHNOLOGY II	BOVG402		Elective Course	,Bachelor	DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY	4	01-11-2021 00:00:00	31-03-2022 00:00:00	151	90	Offline
39	FOOD ENGINEERING	BOVG601		Elective Course	,Bachelor	DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY	4	01-11-2021 00:00:00	31-03-2022 00:00:00	151	72	Offline
40	Food Preservation Technology	FQ010203		Core Course	,Master	DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY	3	01-12-2021 00:00:00	29-04-2022 00:00:00	150	54	Offline
41	Food Engineering	FQ010201	2020-21	Core Course	,Master	DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY	4	01-12-2021 00:00:00	29-04-2022 00:00:00	150	72	Offline
42	Food Additives and Packaging	FQ010204	2021-22	Core Course	,Master	DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY	3	01-12-2021 00:00:00	29-04-2022 00:00:00	150	54	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
43	Food Additives AND Food Preservation	FQ010206	2021-22	Core Course	,Master	DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY	4	01-12-2021 00:00:00	29-04-2022 00:00:00	150	108	Offline
44	Technology of Cereals Pulses and Oilseeds	FQ010301	2021-22	Core Course	,Master	DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY	4	01-06-2021 00:00:00	30-11-2021 00:00:00	183	72	Offline
45	Technology of Milk Meat Poultry and Fish	FQ010302	2021-22	Core Course	,Master	DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY	4	01-06-2021 00:00:00	30-11-2021 00:00:00	183	72	Offline
46	Technology of Fruits and Vegetables	FQ010303		Core Course	,Master	DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY	3	01-06-2021 00:00:00	29-11-2021 00:00:00	182	54	Offline
47	CAPITAL MARKET AND INVESTMENT MANAGEMENT	CO5OP02	2021-22	Elective Course	Bachelor	DEPARTMRNT OF COMMERCE	3	14-06-2021 00:00:00	29-11-2021 00:00:00	169	72	Offline

## 2.2) Non-Academic Courses in Innovation, Entrepreneurship and IPR

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode Delive
1	Fundamentals of Photoshop	2021-22	Short-term Certificate Program	Self Sponsored/Supported	DEPARTMENT OF MEDIA STUDIES	01-11-2021 00:00:00	31-03-2022 00:00:00	151	30	Blende Mo
2	BASIC FOOD SAFETY	2021-22	Short-term Certificate Program	Self Sponsored/Supported	DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY	01-11-2020 00:00:00	31-03-2021 00:00:00	151	30	Blende Mo
3	Mushroom cultivation	2021-22	Short-term Certificate Program	Self Sponsored/Supported	DEPARTMENT OF BOTANY	01-10-2021 00:00:00	30-03-2022 00:00:00	181	30	Offline
4	Modern Website development	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Department of Computer Applications	02-11-2020 00:00:00	30-03-2021 00:00:00	149	30	Offline
5	BASIC ANALYTICAL CHEMISTRY	2021-22	Short-term Certificate Program	Self Sponsored/Supported	DEPARTMENT OF CHEMISTRY	01-10-2020 00:00:00	30-03-2021 00:00:00	181	30	Offline
6	Introduction to Python	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Department of physics	01-11-2020 00:00:00	30-03-2021 00:00:00	150	30	Offline

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode Delive
7	MS Office	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Department of computer application	04-11-2020 00:00:00	30-03-2021 00:00:00	147	30	Offline
8	Certified GST Practioner	2021-22	Short-term Certificate Program	Central Govt. Agency	Department of commerce	03-11-2020 00:00:00	11-05-2021 00:00:00	190	120	Offline
9	Certified secondary market analyst	2021-22	Short-term Certificate Program	Central Govt. Agency	DEPARTMENT OF COMMERCE	04-11-2020 00:00:00	31-03-2021 00:00:00	148	120	Offline
10	Fundamentals of Financial Market	2021-22	Short-term Certificate Program	Self Sponsored/Supported	DEPARTMENT OF ECONOMICS	04-11-2020 00:00:00	25-03-2021 00:00:00	142	30	Blende Mo
11	ENTREPRENEURIAL SKILL DEVELOPMENT	2021-22	Short-term Certificate Program	State Govt. Agency	INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE	05-05-2020 00:00:00	31-05-2021 00:00:00	392	30	Online

## Section 3: Pre-Incubation and Incubation Infrastructure & Facilities are Currently in Operation to Promote I&E Agenda (AY 2020-21 & 2021-22)

### 3.1) Existence of Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Cell/Startup Cell) (>= 600 Sq. Ft. Floor Area)

Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Govt. Schemes
1	EDC	ENTREPRENEURSHIP DEVELOPMENT CLUB ST.GEORGES COLLEGE ARUVITHURA	MITHUN JOHN	Mentoring Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage)

### 3.2) Existence of Incubation Facility (>= 1500 Sq. Ft. Floor Area)

Sr. No.	Name of Unit	In-charge Name	Govt. Schemes
1	SGC INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE	MITHUN JOHN	Other Central/State Government

### 3.3) Existence of IPR Cell / Patent Facilitation Unit / Technology Transfer Centre at the institute

Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Govt. Schemes
1	IPR Cell	SGC IPR INFORMATION AND FACILITATION CENTRE	DR.JESTIN JOY	Mentoring Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development)

## Section 4: Generation and Support of Prototypes / Innovations at HEI and Recognition received (AY 2020-21 & 2021-22)

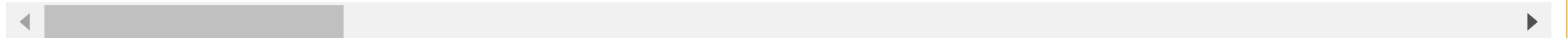
#### 4) Total no. of Innovations (Verified and Recommended) in Different TRLs (4-9) are Recorded in the YUKTI National Innovation Repository of the IIC Institute ( Status as on 7th November 2022 )

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Total Grants Received (from all sources)	Grant Support Received from Institution/Incubation	Awards/Recogn (National/Inter level) Received
1	ISLHelper: A web based helper plugin for Indian Sign Language	Independent Assignment/Non-academic Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Jestin Joy	Faculty	0	0	Yes

## Section 5: Start-ups/Ventures Established and Supported at HEI and & Recognitions Received (AY 2020-21 & 2021-22)

### 5) Total no of Ventures/Startups (Verified and Recommended) are Recorded in the YUKTI National Innovation Repository of the IIC Institute (Status as on 7th November 2022 )

Sr. No.	Startup/Venture Name	Startup/Venture Registered as	CIN No/LLP/OPC/RC No
1	BissInsight Private Limited	Private Limited Firm (Pvt. Ltd.)	U72900KL2022PTC073854  <b>View Document</b> ( <a href="https://api.mic.gov.in/uploads/institutes/innovationcontest/images/innovationcontest/idea/IC201811625_ci Innovation9176405.pdf">https://api.mic.gov.in/uploads/institutes/innovationcontest/images/innovationcontest/idea/IC201811625_ci Innovation9176405.pdf</a> )
2	EVANS ENTERPRISES	SME Registered Unit (Valid GST No.)	null



## Section 6: Collaboration with Other Incubation Units, HEIs and Industry Associations to Strengthen Better Services and Support to Innovation & Startups at HEI (AY 2020-21 & 2021-22)



## 6) Collaboration with Other Incubation Units, HEIs and Industry Associations to Strengthen Better Services and Support to Innovation & Startups at HEI (AY 2020-21 & 2021-22)

Sr. No.	Collaborated Agency Name	Collaborated Agency Type	Period of Collaboration (No. of Years)	Current Status of Collaboration	Date of MOU / Agreement Signed on
1	AMAL JYOTHI COLLEGE OF ENGINEERING KANJIRAPALLY	Educational Institute	2	Active	17-03-2022
2	Indian Institute of Information Technology KOTTAYAM	Educational Institute	1	Inactive	18-03-2021
3	St.Joseph's College Moolamattam	Educational Institute	4	Active	01-03-2021

## Section 7: Intellectually Property (IP) Generated and Commercialization

### 7.1) IPR Filed and Published (Copyrights & Design only)

Sr. No.	Title/Name of IP (Copyright/Design Only)	Type of IP	IP Registration Number of Copyright/Design	Date of Filed/Published	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?
No Data Found					

**7.2) Patents Filed by HEI**

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
No Data Found			

**7.3 & 7.4) Patent Published / Granted Data**

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institute applied the Patent as
No Data Found						

**7.5) IP Commercialized and Transferred to Industry/Startup**

Sr. No.	Name of Technology Licenced/Transferred/Commercialized	Technology Type	Patent/Licence Holder name (Institute Co-ownership is Must)	Technology Transferred to	Name of Licensee	Date of Transferred Technology
No Data Found						

