

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	No
Institute has Action Plans for Implementation of the I&E Policy	No

Contact:

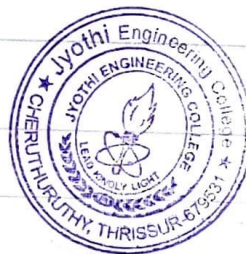
Faculty Name:	Jinesh K J
Designation:	Assistant Professor
Email ID:	jineshkj@jecc.ac.in
Mobile No.	9400086378

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)	
IIC 2.0 (2019-20)	
IIC 3.0 (2020-21)	0
IIC 4.0 (2021-22)	1

Contact:

IIC President of the Institute: Dr. Biju C.V.



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Designation:	Add-on Courses and Entrepreneurship Development Coordinator
Email ID:	iedc@jecc.ac.in
Mobile No.	9447388932

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	Dr. Biju C.V.	Basic	0

1.4) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	C-8003	No
HEI Participated in the Smart India Hackathon (2022)	C-8003	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	
1	Entrepreneurship	MR465	2020-21	Elective Course	Bachelor	Mechatronics	3	03-08-2020 00:00:00	
2	Entrepreneurship	MR465	2021-22	Elective Course	Bachelor	Mechatronics Engineering	3	02-08-2021 00:00:00	



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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
No Data Found							

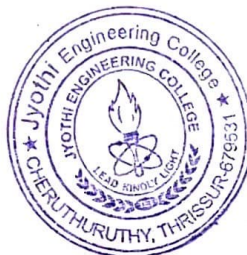
Section 3: Pre-Incubation and Incubation Infrastructure & Facilities are Currently in Operation to Promote I&E Agenda (AY 2020-21 & 2021-22)

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	Contact no	Email	Govt. Schemes
1	IEDC	IEDC-JECC	Anil Antony	9746222670	anil@jecc.ac.in	Mentoring Support, Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development)

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

Sr. No.	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
1	TBI-JECC	Jinesh K.J.	9400086378	jineshkj@jecc.ac.in	Own Resource



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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	Contact no	Email	Govt. Schemes
1	Technology Transfer Centre /TTO	Fabrication Laboratory	Mr. Jinesh K.J.	9400086378	jineshkj@jecc.ac.in	Mentoring Support, Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development)
2	Technology Transfer Centre /TTO	TATA IIIC	Dr. Shaji James	9447924629	shajijamesp@jecc.ac.in	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
1	VybesLifestyle	Independent Assignment/Non-academic Study Project	2021-22	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale	Abhiram S	Student



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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	GST No	FY of Establishment	Startup/Venture Recognized by DPIIT/Startup India
No Data Found						

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)

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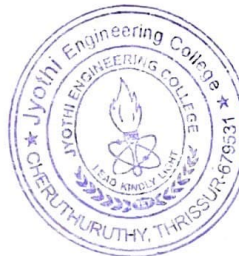
Sr. No.	Collaborated Agency Name	Collaborated Agency Type	Period of Collaboration (No. of Years)	Current Status of Collaboration	Date of MOU / Agreement Signed on	View
1	Christ University	Educational Institute	2022	Active	15-09-2020	View (/Uploads)
2	ICT Academy Kerala	Govt. Agency (State)	2021	Inactive	31-07-2020	
3	Jubilee Mission Medical College & Research Institute	Educational Institute	2024	Active	27-03-2020	View (/Uploads)



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Sr. No.	Collaborated Agency Name	Collaborated Agency Type	Period of Collaboration (No. of Years)	Current Status of Collaboration	Date of MOU / Agreement Signed on	View
4	Nintriva Technology Solutions	Corporate/Industry Association	2023	Active	06-02-2020	
5	PELITA BANGSA UNIVERSITY	Educational Institute	2023	Active	27-11-2020	View (/Uploads)
6	United construction company	Corporate/Industry Association	2022	Inactive	23-01-2020	View (/Uploads)
7	Yuvakshetra College	Educational Institute	2025	Active	12-08-2020	View (/Uploads)
8	M-Light Soft Glow LED	Corporate/Industry Association	2030	Active	25-01-2020	View (/Uploads)
9	Sark HiTech Cables	Corporate/Industry Association	2030	Active	25-01-2020	View (/Uploads)
10	Triaxia Infotech Pvt. Ltd.	Corporate/Industry Association	2023	Active	22-01-2020	View (/Uploads)
11	IndVentur Synergia	Educational Institute	2025	Active	05-10-2020	View (/Uploads)
12	Virtual Labs	Govt. Agency (Central)	2021	Inactive	09-09-2020	View (/Uploads)
13	Cedicom Electronics	Corporate/Industry Association	2023	Active	01-01-2020	View (/Uploads)

Section 7: Intellectually Property (IP) Generated and Commercialization



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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
1	Wearable Devices using Low Power Wide Area Network(LPWAN) for Self Health Monitoring	20211108211	26-02-2021
2	Water Management Technology: Under Smart City Waste Water Management using IoT: Based, Machine Learning Technology	202041055915	01-01-2021
3	IOT based fully autonomous personal service robotics device	202141048445	24-10-2021
4	HYBRID DRONE FOR SMART LOGISTICS USING IOT	202111009854	09-03-2021
5	SINGLE DEBIT CUM CREDIT CARD FOR MAKING MONEY TRANSACTIONS	202141007247	21-02-2021

7.3) 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	View
1	202141021564 A	SUSTAINING SOLAR DISTILLATION USING ENERGY STORAGE MATERIALS	13-05-2021	Published	2021		



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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	View
2	202111009854 A	HYBRID DRONE FOR SMART LOGISTICS USING IOT	09-03-2021	Published	2021		
3	202041057380 A	DESIGN AND FABRICATION OF REFINING USED OIL USING CARBON COLLECTOR WITH CENTRIFUGAL PUMP	31-12-2020	Published	2021		
4	202041057377 A	SMART AND EFFICIENT SOLAR CELLS EMBEDDED CCTV CAMERAS	30-12-2020	Published	2021		
5	202041055915	Water Management Technology: Under Smart City Waste Water Management Using IoT- Based, Machine Learning Technology.	23-12-2020	Published	2021		

7.4) 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	D T T
No Data Found						



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Declaration

To,
The ARIIA Committee
MHRD's Innovation Cell
New Delhi

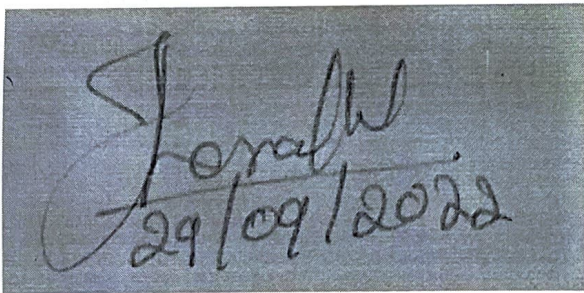
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself **Dr. Sunny Joseph Kalayathankal** (Head of Institute) and **Mr. Jinesh K.J.** (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

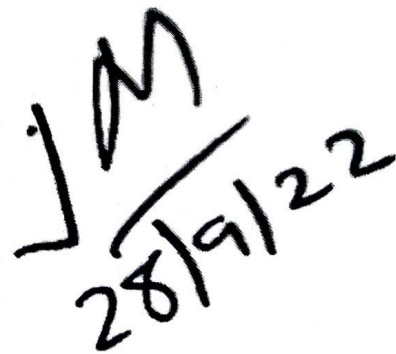
Thank you


The Head of Institute



Dr. Sunny Joseph Kalayathankal,
Head of the Institution,
Jyothi Engineering College,
Thrissur, Kerala

Nodal officer




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Mr. Jinesh K.J.,
Nodal Officer,
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