

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:	Mrs.K.Sudha Sundari
Designation:	Assistant Professor
Email ID:	dasigasudha@gmail.com
Mobile No.	9885585569

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)	
IIC 4.0 (2021-22)	3

Contact:

IIC President of the Institute:	Dr. k.Vijayalakshmi
Designation:	Dean of Research

Email ID:	vijayaloyola@gmail.com
Mobile No.	9849970835

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.K.Vijayalakshmi	Basic	0
2	Dr.K.Rama	Basic	0
3	Dr.L.Radhika Rani	Basic	0
4	K. Sudha Sundari	Basic	0
5	Dr. Shakira Sultana	Basic	0
6	Mrs.Jaya Madhuri Latha	Basic	0
7	Mrs.Arпита Rani	Basic	0
8	A.Bhavani	Basic	0
9	Dr. Zakir Hussain	Basic	0
10	Dr. Veera Swamy	Basic	0
11	Mrs.Arपitha Rani	Basic	0
12	A.Bhavani	Basic	0
13	Dr.G.Ratna Vani	Basic	0

1.4) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	C-25991	Yes
HEI Participated in the Smart India Hackathon (2022)	C-25991	No

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 Development	BC18023	2020-21	Core Course	Bachelor	Commerce	4	23-06-2022 00:00:0
2	ENTREPRENEURSHIP DEVELOPMENT	MB311	2020-21	Core Course	Master	MBA	2	05-10-2020 00:00:0

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
1	International FDP on Innovative research techniques	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	IQAC Research Committee Loyola Academy Secunderabad	26-08-2021 00:00:0
2	Five Day Virtual National Level Workshop On Innovation And Entrepreneurial Ecosystem	2021-22	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	MBA	07-12-2021 00:00:0
3	International Seminar On Interdisciplinary Trends In Artificial Intelligence	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	All PG Departments	21-02-2022 00:00:0

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
4	International FDP Recent trends transforming life sciences- Focus on Academia and Industry Symbiosis	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	IQAC Loyola Academy	13-09-2021 00:00:

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
No Data Found						

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	HYDROPONICS	D.Saritha	9398046360	dasarisaritha76@gmail.com	Own Resource
2	VERMICOMPOST UNIT	Mr. N. Prudhvi	9440723433	prudhvinawabpet053@gmail.com	Own Resource
3	FOOD PROCESSING AND VALUE ADDITION UNIT	Mrs.Sudha Sundari	9885585569	dasigasudha@gmail.com	Own Resource

Sr. No.	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
4	MUSHROOM Development UNIT	Mr.Y.Satish	6280824346	satishyaddanapudi3@gmail.com	Own Resource
5	Bakery unit	Dr.A.Ravinder	9866856458	lacademy_ftech@yahoo.co.in	Own Resource

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	IPR Cell	IPR Cell	Dr.Zakir Hussain	9076930096	zakirchem806@gmail.com	Mentoring Support,Seed Grant Support

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	FACEMASK DETECTION WITH DEEP LEARNING AND COMPUTER VISION	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	N ASHFAQ	Faculty

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
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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)

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	Vi
1	TWG international	Knowledge/Mentoring Agency	Five	Active	16-02-2022	[
2	St.Joseph's Degree & PG College, Hyderabad	Educational Institute	Five	Active	25-03-2022	[
3	St.PIOUS X Degree & PG College for Women, Hyderabad	Educational Institute	Five	Active	25-03-2022	[
4	Tata Consultancy Services Ltd	Corporate/Industry Association	3yrs	Active	07-12-2020	[

Sr. No.	Collaborated Agency Name	Collaborated Agency Type	Period of Collaboration (No. of Years)	Current Status of Collaboration	Date of MOU / Agreement Signed on	Vi
5	St. Ann's College for women, Mehdiapatnam, Hyderabad	Educational Institute	Five	Active	25-03-2022	[
6	Vaishnavi International Biotech limited	International Agency	Five	Active	06-04-2022	[
7	CSIR Institute of Minerals and Materials Technology IMMT- Intec, Bhubaneswar	Govt. Agency (Central)	5yrs	Active	02-11-2021	[
8	St. Francis College For Women, Begumpet, Hyderabad	Educational Institute	Five	Active	25-03-2022	[
9	Mouktik consulting services	Knowledge/Mentoring Agency	Five	Active	15-02-2022	[
10	Zeal Biologicals, Secunderabad	Corporate/Industry Association	3yrs	Active	01-08-2022	[
11	Sowbhagya Biotech Private limited	Corporate/Industry Association	Ten	Active	30-07-2022	[
12	Data Computing	Corporate/Industry Association	2yrs	Active	26-03-2021	[
13	Tripura Biotech limited	Corporate/Industry Association	FIVE	Active	06-04-2022	[
14	Pondicherry University	Educational Institute	3yrs	Active	21-12-2021	[
15	Prathista Industries limited, Hyderabad	Corporate/Industry Association	FIVE	Active	08-04-2022	[
16	Defteams Solutions Pvt.Ltd	Corporate/Industry Association	Five	Active	26-11-2020	[

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?
1	Soil health monitoring using drones and Augmented reality in Agricultural Regions	Design	2021100045	10-03-2021	No
2	SOCIO ECONOMICAL SMART IOT BASED TRAFFIC MANAGEMENT SYSTEM	Design	202111017308	21-05-2021	No
3	Detect Inconsistencies and attacks in a computing network using machine learning for cyber Security	Design	202141044818	05-11-2021	No
4	WALL CLOCK TO MONITOR TALENT AND PUNCTUALITY OF EMPLOYEES	Design	353050001	12-11-2021	No
5	Drinking Water Quality checking system using Machine learnig(ML)	Design	202141055881	24-12-2021	No
6	Phishing web classification Based on Uniform Resource Locator in cloud technology	Design	202141060316	31-12-2021	No
7	A Neonatal Fitness Patch	Design	202211026759	12-05-2022	No
8	MS Excel and Word Add-In for retrieving data from SQL database	Design	202241008610	04-03-2022	No

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?
9	IOT and Big data based information Security monitoring and Management system	Design	202221012156	07-03-2022	No
10	Machine learning based approach to identify the positive traits of a successful Entrepreneur	Design	202241015594	08-04-2022	No
11	Artificial intelligence based Techniqueto manage the supply chain of E-commerce Sites	Design	202241007819	25-02-2022	No
12	Mediating Effect of Reliability and Consistency in relationship between the 10 factors of Social Media Marketing and Purchase Decision of Consumers using Structural Equation Modelling Algorithm	Design	202241031005	31-05-2022	No
13	IOT based heart disease prediction using deep Neural network	Design	202241043114	27-07-2022	No
14	The maximum capacity estimation model for smart apartment management using wireless sensor Network.	Design	202241034936	17-07-2022	No

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?
15	Automatic safe Health care system for prediction, Prevention and Diagnosis of all Heart related diseases at early stage using Deep learning, Artificial intelligence and Data Mining techniques	Design	202241036599	01-07-2022	No
16	Smart vest to detect fluid in lungs using Bio-sensors	Design	355563001	27-12-2021	No
17	An analysis of the decision-making model for human resource outsourcing based on quality and quantity	Design	202241039790	22-07-2022	No
18	Efficient Wearable Sensor Device for Predicting the Heart Rate Using Machine Learning Approach	Design	202241044975	12-08-2022	No
19	IOT Based stress level Identification in EEG signal using Artificial Intelligence technique	Design	202241047490	26-08-2022	No

7.2) Patents Filed by HEI

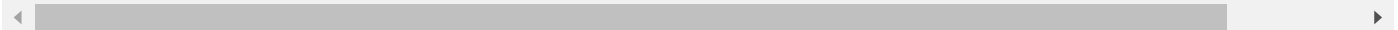
Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
No Data Found			

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
No Data Found							

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						



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. Fr.Dr. L.Joji Reddy SJ** (Head of Institute) and **Dr. Vijayalakshmi** (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

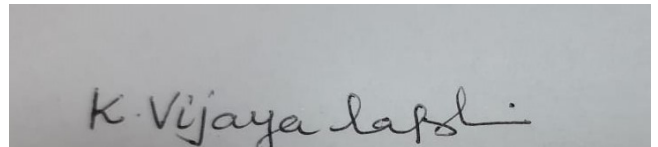
Thank you

The Head of Institute


(Er Dr) L. Joji Reddy, SJ)
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LOYOLA ACADEMY
OLD ALWAL, SECUNDERABAD-500 010
TELANGANA, INDIA

Dr. Fr.Dr. L.Joji Reddy SJ,
Head of the Institution,
Loyala Academy,
Hyderabad, Telangana

Nodal officer


K. Vijaya Lakshmi
10.10.2022

Dr. Vijayalakshmi,
Nodal Officer,
Loyala Academy,
Hyderabad, Telangana