

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:	Dr. Soorej M Basheer
Designation:	Associate Professor
Email ID:	soorejm@kannuruniv.ac.in
Mobile No.	9663749475

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)	1
IIC 4.0 (2021-22)	2

Contact:

IIC President of the Institute:	Dr. Soorej M. Basheer
Designation:	Associate Professor & Head
Email ID:	hodmolecular@kannuruniv.ac.in
Mobile No.	9663749475

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	VIDHU SEKHAR P	Advance	0
2	Dr. Anup K.	Basic	0
3	Dr. Baiju K V	Advance	0
4	Mr. Anish Kumar KP	Advance	2
5	Dr Aneesh Chandran	Advance	0

Sr. No.	Name of the Faculty IA	Level of Training	No of I&E Expert Talks/Sessions Conducted
6	Dr Ajees A P	Basic	0
7	Dr Ganesh Gopal	Advance	1
8	Dr NISA JAMES	Advance	8
9	Dr Joseph J Erinjery	Advance	1
10	Dr. Soorej M. Basheer	Advance	0
11	Dr. Muraleedharan T K	Basic	0
12	Dr Pradeepan Periyat	Basic	0
13	Dr. Anu Augustine	Basic	0
14	Dr Nizamuddin K M	Basic	0
15	Dr E Jayadevi Variyar	Basic	0
16	Dr Sudheesh S	Basic	0
17	Dr Shima P D	Basic	0
18	Dr Prasad T K	Basic	0

1.4) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	U-0256	Yes
HEI Participated in the Smart India Hackathon (2022)	U-0256	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	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery	Total Number of Beneficiaries Undergone
1	Entrepreneurship Development and Project Management	MBA4C19	2020-21	Core Course	Master	Centre for MBA Nileswaram	4	10-03-2021 00:00:00	10-08-2021 00:00:00	154	125	Offline	32
2	Ethics patency and Intellectual Property Rights	MSMOB04E11	2020-21	Elective Course	,Master	Department of Molecular Biology	4	05-08-2020 00:00:00	31-12-2020 00:00:00	149	130	Offline	16
3	Entrepreneurship Development and Project Management	MBA4C19	2021-22	Core Course	Master	Centre for MBA Nileschwaram	4	10-03-2021 00:00:00	10-08-2021 00:00:00	154	130	Offline	35
4	Ethics Patency and Intellectual Property Rights	MSBTC02E07	2020-21	Elective Course	,Master	Department of Biotechnology and Microbiology	4	06-01-2020 00:00:00	04-05-2020 00:00:00	120	120	Offline	30
5	Ethics Patency and Intellectual Property Rights	MSBTC02E07	2021-22	Elective Course	,Master	Department of Biotechnology and Microbiology	4	13-01-2021 00:00:00	31-05-2021 00:00:00	139	120	Offline	28

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	Total Number of Beneficiaries Undergone
6	Entrepreneurship Development	MBMBA04O06	2020-21	Elective Course	Master	Department of Management Studies	4	08-02-2021 00:00:00	30-06-2021 00:00:00	143	120	Offline	45
7	Ethics patency and Intellectual Property Rights	MSMOB04E11	2021-22	Elective Course	,Master	Department of Molecular Biology	4	05-07-2021 00:00:00	30-11-2021 00:00:00	149	120	Offline	17

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 of Delivery	Total Numbers of Beneficiaries/Participant Undergone the Certificate Program
1	SAP	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Department of Management Studies	15-10-2020 00:00:00	15-01-2021 00:00:00	93	40	Blended Mo	30

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	Dr. Faisal	9447852915	faisalu@kannuruniv.ac.in	

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	Business Incubation Centre	Prof. Faisal U	9447852915	faisalu@kannuruniv.ac.in	MSME,Own Resource,Other Central/State Government
2	Technology Business Incubation	Prof. Faisal	9447852915	faisalu@kannuruniv.ac.in	CSR/Private,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	Prof Sadasivan	9446260147	csadasivan@gmail.com	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	Contact No	Email	Total Grants Received (from all sources)	Grant Support Received from Institution/Incubation	Awards/Recognition (National/International level) Received
---------	-----------------	----------------------	---	-----------	--------------------------	--	------------	-------	--	--	--

No Data Found

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	FY of Started Receiving Support from the Incubation unit at the Institute	Team Lead/Founder Name	Current Engagement of Team lead/Founder in Institute	DIN Number of Founder/Team Leader
---------	----------------------	-------------------------------	----------------------	--------	---------------------	---	---	------------------------	--	-----------------------------------

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	View
1	Omics Gen Life Sciences Pvt Lts	Incubation Unit	5	Active	05-02-2021	View (/Uploads/Institute/ARI-U-0256/2021-22/CollaboratExternalAgency/Omic
2	North Malabar Chamber of Commerce	Corporate/Industry Association	5	Active	08-01-2021	
3	John and Smith Solutions	International Agency	5	Active	04-12-2020	
4	Yenepoya University	Educational Institute	5	Active	01-07-2020	

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	UNIQUE NUMBERING SYSTEM FOR BUS ROUTES- A STUDY ON BUS NETWORKING SYSTEM	Copy Right	L-117311/2022	31-08-2022	Yes

7.2) Patents Filed by HEI

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
1	COMPOUND FOR FATTY ACID SYNTHASE INHIBITION	US 10,851,043	01-12-2020

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	202141049331	A SPINAL CORD POSTURE MONITORING APPARATUS AND A METHOD THEREOF	28-10-2021	Published	2021		

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	202141036648	NOVEL CARBOXYL DERIVATIVES OF METHYL GALLATE HAVING LIPOXYGENASE INHIBITORY ACTIVITY, CLAIMED AS ANT	13-08-2021	Published	2021		
3	202141018722	THREE-DIMENSIONAL NAVIGATION AND DATA COLLECTION MECHANISM FOR UNDERWATER VEHICLES USING ACOUSTIC MAPPING	23-04-2021	Published	2021		
4	201841019516	Solid-State Fermentation Reactor	25-08-2018	Published	2019		



Declaration

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

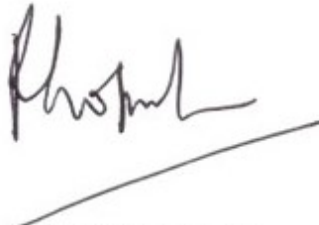
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself **Prof. Gopinath Ravindran** (Head of Institute) and **Dr. Soorej M Basheer** (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


15-10-2022

Prof. Gopinath Ravindran,
Head of the Institution,
Kannur University, Kannur,
Kannur, Kerala

Nodal officer


15-10-2022

Dr. Soorej M Basheer,
Nodal Officer,
Kannur University, Kannur,
Kannur, Kerala