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MAR BASELIOS INSTITUTE OF TECHNOLOGY AND SCIENCE [ARI-C-11564][C-11810]

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:	Vijay Raj M M
Designation:	Assistant Professor
Email ID:	vijay@mbits.ac.in
Mobile No.	9496335691

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)	1
IIC 3.0 (2020-21)	2
IIC 4.0 (2021-22)	1

Contact:

IIC President of the Institute:	Jerin Susan Joy
Designation:	Assistant professor
Email ID:	jerin@mbits.ac.in
Mobile No.	9037877085

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	Jinto Mathew	Basic	0
2	ROBIN GEORGE	Basic	0
3	Vidya Vijayan	Basic	0

Sr. No.	Name of the Faculty IA	Level of Training	No of I&E Expert Talks/Sessions Conducted
4	Basil Kumar N K	Basic	0
5	Mahesh K.M	Basic	0
6	Dr.Solly George	Basic	0
7	Jimson Varghese	Basic	0
8	Arun Eldho Alias	Basic	0
9	Basil G Paul	Basic	0

1.4) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	C-11810	No
HEI Participated in the Smart India Hackathon (2022)	C-11810	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
No Data Found									

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
1	LED workshop	2021-22	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	Electronics and Communication Department
2	Essay Writing Competition	2020-21	Entrepreneurship Development Program (EDP)	State Govt. Agency	IEDC
3	Skill Share - Android Development	2020-21	Entrepreneurship Development Program (EDP)	State Govt. Agency	IEDC
4	Zygon Hackathon	2021-22	Entrepreneurship Development Program (EDP)	State Govt. Agency	IEDC
5	AR and VR Workshop	2021-22	Entrepreneurship Development Program (EDP)	State Govt. Agency	IEDC

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
No Data Found					

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
No Data Found						

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
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/V Recognize DPIIT/Star 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)

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	INFOSYS	Corporate/Industry Association	2026	Active	11-09-2021	View
2	TRACE ACADEMY	Educational Institute	2027	Active	20-04-2022	View
3	Kerala Electrical & Allied Engineering Co. Ltd	Govt. Agency (State)	2024	Active	18-11-2021	View

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/Trans to Industry/Startup/Soci
1	A nutmeg decorticator with sorter grader based on machine learning	Design	2021103691	23-03-2022	Yes
2	MULTIFUNCTIONAL CLEANING DEVICE FOR WIRELESS EARPHONES	Design	202111056616	06-12-2021	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/Trans to Industry/Startup/Soci
3	INTERNET OF THINGS BASED POLLUTION MEASUREMENT AND CONTROL SYSTEM	Design	202141049459	21-10-2021	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
1	202111056616	MULTIFUNCTIONAL CLEANING DEVICE FOR WIRELESS EARPHONES	12-06-2021	Published	2021	
2	202141049459	INTERNET OF THINGS BASED POLLUTION MEASUREMENT AND CONTROL SYSTEM	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
3	202141029253	"A NUTMEG DECORTICATOR WITH SORTER-GRADER BASED ON MACHINE LEARNING."	29-06-2021	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	Nan Lice
No Data Found					

Declaration

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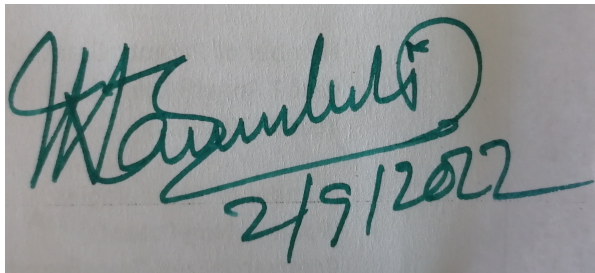The ARIIA Committee
MHRD's Innovation Cell
New Delhi

Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself **Dr. P. Sojan Lal** (Head of Institute) and **Mrs. Vidya Vijan** (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.
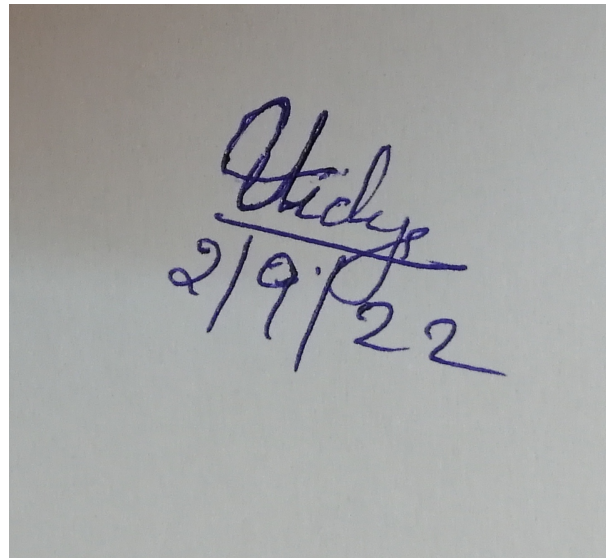
Thank you

The Head of Institute	Nodal officer

Dr. P. Sojan Lal ,
Head of the Institution,
MAR BASELIOS INSTITUTE OF TECHNOLOGY
AND SCIENCE,
Kothamangalam, Kerala

Mrs. Vidya Vijan,
Nodal Officer,
MAR BASELIOS INSTITUTE OF TECHNOLOGY
AND SCIENCE,
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