A.V.C. College of Engineering [ARI-C-24992][C-24992]

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 30th September 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:	Dr. A. BALAJI
Designation:	Associate Professor
Email ID:	balajia@avccengg.net
Mobile No.	8300188807

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)	4
IIC 3.0 (2020-21)	2
IIC 4.0 (2021-22)	0 (On Progress)

Contact:

IIC President of the Institute:	Dr. G. Pradeep
Designation:	Professor & Dean

Email ID:	pradeep.g8@gmail.com
Mobile No.	9865371172

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	A P PRABAKARAN	Advance	0
2	Dr. S. Padmapriya	Basic	0
3	Dr .M. Latha	Basic	0
4	Mr. R.Saravanan	Basic	0
5	Mrs. R.Sudha	Basic	0
6	R.RENUKADEVI	Basic	0
7	Dr. G. Pradeep	Advance	0
8	Dr. T. Venkatesan	Basic	0
9	Mr. S.Suryaprakash	Basic	0
10	R. Ramya	Basic	0
11	Dr. R.Kanimozhi	Basic	0

1.4) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	C-24992	Yes
HEI Participated in the Smart India Hackathon (2022)	C-24992	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	Cou Sta
1	MG8091 ENTREPRENEURSHIP DEVELOPMENT	MG8091	2021-22	Elective Course	Bachelor	Mechanical Engineering	3	07-(00:(
2	MC5006- Professional Ethics	MC5006	2021-22	Elective Course	Master	Master of Computer Application	3	12-(00:(
3	MC5035- Professional Ethics for IT	MC5035	2021-22	Elective Course	Master	Master of Computer Application	3	12-(00:(
4	BA 4032 ENTREPRENEURSHIP DEVELOPMENT	BA 4032	2021-22	Core Course	Master	Master of Business Administration	3	15-1 00:(
5	Research Methodology and IPR	MC5108	2020-21	Core Course	Master	MCA	2	03-1 00:(
6	Research Methodology and IPR	RM4151	2021-22	Core Course	,Master	MCA	2	18-1 00:(
7	GE8076 Professional Ethics in Engineering	GE8076	2020-21	Elective Course	Bachelor	Department of Electronics and Communication Engineering	3	18-(00:(
8	GE8075Intellectual Property Rights	GE8075	2020-21	Elective Course	Bachelor	Department of Electronics and Communication Engineering	3	12-(00:(
9	MG8091 ENTREPRENEURSHIP DEVELOPMENT	MG8091	2020-21	Elective Course	Bachelor	Department of Mechanical Engineering	3	14-1 00:(
10	MC5006- Professional Ethics	MC5006	2020-21	Elective Course	Master	Department of Computer Application	3	12-(00:(
11	MC5035- Professional Ethics for IT	MC5035	2020-21	Elective Course	Master	Department of Computer Application	3	12-(00:(

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Cou Sta
12	GE8075 Professional Ethics in Engineering	GE8075	2020-21	Elective Course	Bachelor	Department of Computer science and Engineering	3	18-(00:(
13	CS 8078 - Green computing	CS 8078	2020-21	Elective Course	Bachelor	Department of Computer science and Engineering	3	18-(00:(
14	BA 4032 Entrepreneureship Development	BA 4032	2020-21	Elective Course	Master	Department of Management Studies	3	16-(00:(
15	BA 5014 Entrepreneureship Development	BA 5014	2020-21	Elective Course	Master	Department of Management Studies	3	15-' 00:(
16	GE8075 Professional Ethics in Engineering	GE8075	2021-22	Elective Course	Bachelor	Department of Computer Science and Engineering	3	16-(00:(
17	CS 8078 - Green computing	CS 8078	2021-22	Elective Course	Bachelor	Department of Computer Science and Engineering	3	16-(00:(

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 Dat
1	EDII -TAMILNADU	2021-22	Faculty Development Program (FDP)	State Govt. Agency	EDII- TAMILNADU	12-07-202 00:00:00

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 Dat
2	Hands on training in Aptitude training	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Department of Electrical and Electronics Engineering	02-02-202 00:00:00
3	one week FDP on Innovation and entrepreneurship development programme	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	EDII- TAMILNADU	24-08-202 00:00:00

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
1	EDC	ED CELL	Dr. J. Swaminathan	9488923659	swaminathanj@avccengg.net	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	Unipro Industry Collaboration Lab	Dr. S. Padmapriya	9786446007	padmapriyas@avccengg.net	None
2	Unipro Industry Collaboration Lab	Dr. S. Padmapriya	9786446007	padmapriyas@avccengg.net	None

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	Patent	Dr A. Ravi	9865478021	raviaeee@avccengg.net	Mentoring Support,Seed Grant Support

Section 4: Generation and Support of Ideas / 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 30th September 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	Keyword based retrieval of judgements-E-Court	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	MOHAMED JASIM.J	Student

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
2	Social Media Integrated Search Engine	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	BARANIRAJ B	Student

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 30th September 2022)

Sr. No.	Startup/Venture Name	Startup/Venture Registered as	GST Registration/ LLP Registration/CIN No	FY of Establishment	Startup/Venture Recognized by DPIIT/Startup India	FY of Startup Recognition Support from Incubation unit of Institute
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 / Agreemer Signed on
1	M/s.Unipro Software Pvt.Ltd,Singapore	Corporate/Industry Association	FOUR	Active	03-12-202
2	SIEMENS CENTRE OF EXCELLENCE IN MANUFACTURING, NATIONAL INSTITUTE OF TECHNOLOGY,TIRUCHIRAPPALLI-620015	Educational Institute	FOUR	Active	19-09-202
3	CAD MACRO DESIGN AND SOLUTIONS PRIVATE LIMITED, CHENNAI, 600083	Corporate/Industry Association	FOUR	Active	26-03-202
4	SUJA SHOEI INDUSTRIES PRIVATE LTD, MAYILADUTHURAI,609001	Corporate/Industry Association	FOUR	Active	26-03-202
5	"Spoken Tutorials (ST), lIT Bombay"	Educational Institute	FOUR	Active	28-02-202
6	"SWAYAM NPTEL Local Chapter lIT CHENNAI"	Educational Institute	FOUR	Active	25-11-202
7	Siemens Centre of Excellence in Manufacturing, NITT	Educational Institute	FOUR	Active	19-09-202
8	eStaar Max Technologies Pvt Ltd	Corporate/Industry Association	FOUR	Inactive	10-01-202
9	NIN Energy India Pvt Ltd, Chennai	Corporate/Industry Association	FOUR	Active	14-03-202
10	ALPHA IMAGE PRIVATE LIMITED, BENGALURU, KA 560075	Corporate/Industry Association	FOUR	Active	10-03-202
11	ICT ACADEMY	Corporate/Industry Association	Five	Active	11-01-202
12	Anna University	Educational Institute	Thre	Active	15-11-202
13	National Cyber Safety and Security Standards	Govt. Agency (Central)	ONE	Active	18-12-202
14	MAANTT GLOBAL SERVICES PRIVATE LIMITED	Corporate/Industry Association	THRE	Active	08-10-202

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
1	IOT SYSTEM BASED ON BLOCKCHAIN TECHNOLOGY PRODUCES A SUPERIOR LEVEL OF SAFETY IN COMMUNICATION	202131054332	12-10-2021
2	IMAGEING AND SENSING TECHNOLOGIES USING DEEP LEARNING FOR BIOMEDICAL APPLICATIONS	202141040284	06-09-2021
3	DOOR MOUNTED DOOR HANDLE SANITIZER DISPENSER	202041026845	25-06-2020

7.3) Patent Published / Granted Data

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	Date of Transferred Technology
No Data Found						

Declaration

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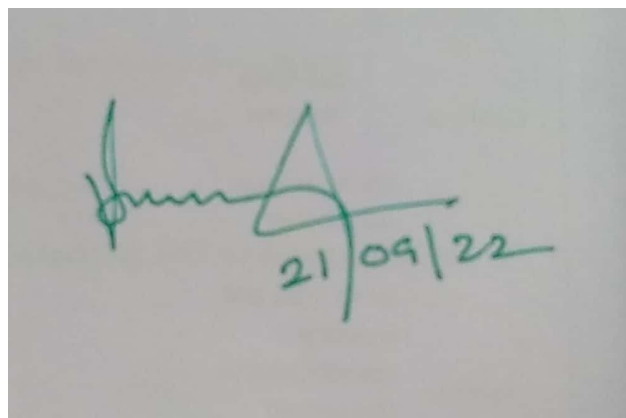The ARIIA Committee
MHRD's Innovation Cell
New Delhi

Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself **Dr. C.Sundar raj** (Head of Institute) and **Dr. C. Sundar raj** (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.
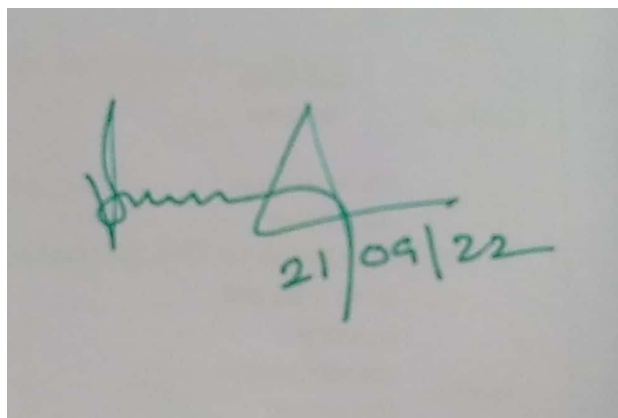
Thank you

The Head of Institute	Nodal officer
CS Scanned with CamScanner	CS Scanned with CamScanner
Dr. C.Sundar raj, Head of the Institution, A.V.C. College of Engineering, Mayiladuthurai, Tamil Nadu	Dr. C. Sundar raj, Nodal Officer, A.V.C. College of Engineering, Mayiladuthurai, Tamil Nadu