

St. Aloysius College (Autonomous) [ARI-C-33354][C-33354]

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)							
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							
Contact:							
Faculty Name:	Dr. Manju Gupta						
Designation:	Assistant Professor						
Email ID:	manju.gupta2402@gmail.com						
Mobile No.	9479638673						

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)	3					
IIC 4.0 (2021-22)	3.5					

Contact:

5/8/23, 1:41 PM

IIC President of the Institute:	Dr. Fr. Vazhan Arasu
Designation:	Dr. Mamta Gokhale Astt. Professor, Dept. Botany & Microbiology & Co-ordinator, Bio-design Innovation Center & Incubation Center St. Aloysius College (Autonomous), Jabalpur-M.P.
Email ID:	jgvalan@gmail.com
Mobile No.	8989865011

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. Mamta Gokhale	Basic	0
2	Ms. Anjali Jagwani	Basic	0
3	Dr. Ashu Jain	Advance	0
4	Dr. Manju Gupta	Advance	0
5	Dr. L. K. Pandey	Advance	0
6	Dr. Priyanka Sinha	Advance	0
7	Dr. Zareen Baksh	Advance	0
8	Mr. Ankit Dubey	Basic	0
9	Mr. Mohit Raxe	Basic	0
10	Dr. Chitranshi Verma	Advance	1
11	Ms. Bhawna Tekam	Advance	0
12	Mrs. Khushbu Gupta	Basic	0
13	Dr. Deepti Deshpandey	Basic	0
14	Dr. Shweta Likhitkar	Basic	0
15	Dr. Rumana Faraz	Basic	0
16	Dr. Archana Pasari	Basic	0
17	Dr. Akhilesh Pathak	Basic	0

Sr. No.	Name of the Faculty IA	Level of Training	No of I&E Expert Talks/Sessions Conducted
18	Dr. Durga Ray	Basic	0
19	Dr. Daya Shankar Gautam	Basic	0
20	Dr. Megha Tiwari	Basic	0

1.4) Participation in KAPILA/SIH Program		
HEI Registered in the KAPILA Portal	C-33354	Yes
HEI Participated in the Smart India Hackathon (2022)	C-33354	Yes

Section 2: Teaching and Learning: Academic Programs related to Innovation and Entrepreneurship (I&E) Offered by the HEI

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 Numbers of Beneficiaries/Participants Undergone the Course
1	Vermicomposting	VI-ZOO- VERTS	2021-22	Elective Course	Bachelor	Department of Zoology	4	17-01- 2022 00:00:00	17-02- 2022 00:00:00	32	60	Offline	29
2	Innovation and Entreprenuership	913031	2021-22	Core Course	Master	Department of Commerce	5	02-08- 2021 00:00:00	31-12- 2021 00:00:00	152	350	Offline	46
3	Business Organization and Entreprenuership	311071	2021-22	Core Course	,Bachelor	Department of Commerce	6	12-07- 2021 00:00:00	30-03- 2022 00:00:00	262	120	Offline	929
4	Entreprenuership	FC321021	2020-21	Core Course	Bachelor	Department of Management	2	10-08- 2020 00:00:00	30-03- 2021 00:00:00	233	120	Blended Mo	1651

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/Participants Undergone the Certificate Program
1	Skill Development Program	2020-21	Entrepreneurship Development Program (EDP)	Industry/Non-Govt.	Entrepreneurship Development Cell	06-03- 2020 00:00:00	12-03- 2020 00:00:00	7	35	Offline	35
2	Certificate Course On Innovative Zoological Practices	2021-22	Short-term Certificate Program	Central Govt. Agency	Department of Zoology	17-01- 2022 00:00:00	17-02- 2022 00:00:00	32	60	Online	35
3	Certificate course in Human Rights	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Department of Political Science	10-12- 2020 00:00:00	23-01- 2021 00:00:00	45	45	Online	25
4	Chemistry of Food Analysis and Estimation	2020-21	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	Department of Chemistry	27-01- 2021 00:00:00	11-02- 2021 00:00:00	16	32	Online	30
5	Mushroom Cultivation	2020-21	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	Department of Botany	09-02- 2021 00:00:00	21-05- 2021 00:00:00	102	180	Online	23
6	Water Quality Monitoring	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Department of Chemistry	04-01- 2021 00:00:00	20-01- 2021 00:00:00	17	34	Online	25
7	Plant Tissue Culture	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Department of Biotechnology	12-02- 2021 00:00:00	22-02- 2021 00:00:00	11	33	Blended Mo	21
8	Research Documentation through Latex	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Department of Mathematics	01-02- 2021 00:00:00	17-03- 2021 00:00:00	45	45	Online	18
9	Red Hat Certified System Administrator	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Department of Computer Science	04-01- 2021 00:00:00	04-02- 2021 00:00:00	32	32	Online	18

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/Participants Undergone the Certificate Program
10	Online Certificate Course on Movie Making Editing and Animation	2020-21	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	Department of Computer Science	18-11- 2020 00:00:00	10-12- 2020 00:00:00	23	46	Online	43
11	Python for Machine Learning	2020-21	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	Department of Computer Science	26-08- 2020 00:00:00	26-09- 2020 00:00:00	32	64	Online	26
12	Income Tax Return Filling	2020-21	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	Department of Commerce	03-09- 2020 00:00:00	03-11- 2020 00:00:00	62	62	Online	115
13	Goods and Service Tax Return Filling	2020-21	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	Department of Commerce	05-01- 2020 00:00:00	05-02- 2020 00:00:00	32	32	Online	16
14	Programme in Banking Finance and Insurance in collaboration with Bajaj Finserv	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Department of Commerce	24-11- 2020 00:00:00	04-01- 2021 00:00:00	42	42	Online	63
15	Advanced Instrumentation and Analytical Techniques in Chemistry	2021-22	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	Department of Chemistry	05-02- 2022 00:00:00	19-02- 2022 00:00:00	15	30	Offline	31
16	Application of Chemistry in Everyday Life	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Department of Chemistry	17-08- 2020 00:00:00	25-08- 2020 00:00:00	9	30	Online	49

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

	1) Existence J. Ft. Floor A		ation Facili	ty (Tinkerin	g Lab/Makers' Space/D	Design Centre/New Gen IEDC/IEDC/EDC/Innovation Cell/Startup Cell) (>= 600	h
Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes	

1	Innovation Cell	Design Innovation Center	Dr. Mamta Gokhale	9826310755	505	Mentoring Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage),Investment - Angel and (or) Venture Cap
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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	NIRMAN	Dr. Mamta Gokhale,Dr. Mamta Gokhale	9826310755,9826310755	mamtashrirang@gmail.com,mamtashrirang@gmail.com	Other Central/State Government				
2	NIRMAN	Dr. Mamta Gokhale	9826310755	mamtashrirang@gmail.com	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. Manju Gupta	9479638673	manju.gupta2402@gmail.com	Mentoring 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	Contact No	Email	Total Grants Received (from all sources)	Grant Support Received from Institution/Incubation	Awards/Recogı (National/Inter level) Received
1	Mahua products	Independent Assignment/Non- academic Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Anushka Mishra	Student		mishraanushka055@gmail.com	0	0	Yes

Section 5: Start-ups/Ventures Established and Supported at HEI and & Recognitions Received (AY 2020-21 & 2021-22)

	Total no of Vei on 7th Novem		s (Verified and Recommended) are Recorded in the YUKTI National Innovation Repository of the IIC Institute (S	tatus	5
Sr. No.	Startup/Venture Name	Startup/Venture Registered as	CIN No/LLP/OPC/RC No	GST No	FY (Esta
1	SONORO	Registered Partnership Firm	04/14/01/0323/21 View Document (https://api.mic.gov.in//uploads/institutes/innovationcontest/images/innovationcontest/idea/IC202014589_cin_copy_Product9458769.pdf)		202

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	HOPE FAITH YOUTH NGO	Non Govt. Agency	0005	Active	01-12-2021	View (/Uploads/Institute/ARI-C-33354/2021-22/CollaboratExternalAgency/Hope Faith Youth_cc
2	PATNA WOMEN'S COLLEGE(AUTONOMOUS), PATNA	Educational Institute	0005	Active	29-05-2020	View (/Uploads/Institute/ARI-C-33354/2021-22/CollaboratExternalAgency/Patna Women's Coll
3	INSTITUTE OF AGRI- BUSINESS MANAGEMENT, COLLEGE OF AGRICULTURE ,JABALPUR(JNKVV)	IPR Law Firms/Startup	2	Active	27-02-2020	View (/Uploads/Institute/ARI-C-33354/2021-22/CollaboratExternalAgency/Agri- Business Mana
4	VIJAYA AGRAWAL & CO. JABALPUR	Knowledge/Mentoring Agency	0002	Active	01-12-2021	View (/Uploads/Institute/ARI-C-33354/2021-22/CollaboratExternalAgency/Vijaya Agrawal & Co
5	SMART CITY LIMITED (JABALPUR MUNICIPAL COOPERATION), JABALPUR	Govt. Agency (State)	0005	Active	05-09-2022	View (/Uploads/Institute/ARI-C-33354/2021-22/CollaboratExternalAgency/Smart City_compres
6	XAVIER INSTITUTE OF DEVELOPMENT ACTION AND STUDIES, JABALPUR	Educational Institute	0002	Active	14-08-2020	View (/Uploads/Institute/ARI-C-33354/2021-22/CollaboratExternalAgency/XIDAS_compressed_
7	ST. CLARET COLLEGE, BENGALURU	Educational Institute	0005	Active	14-05-2022	View (/Uploads/Institute/ARI-C-33354/2021-22/CollaboratExternalAgency/CLARET_compresse
8	BAJAJ FINANCE LIMITED & BAJAJ FINSERV LIMITED, PUNE	Corporate/Industry Association	0003	Active	06-10-2020	View (/Uploads/Institute/ARI-C-33354/2021-22/CollaboratExternalAgency/Bajaj Finserv 6 Oct 2
9	ICAR INDIAN INSTITUTE OF SOYABEAN RESEARCH, INDORE	Govt. Agency (Central)	0005	Active	09-01-2021	View (/Uploads/Institute/ARI-C-33354/2021-22/CollaboratExternalAgency/ICAR Institute of Soy
10	SOCIETIAL RESEARCH AND DEVELOPMENT CENTER, NEAR EAST UNIVERSITY, NISCOSIA, NORTH CYPRUS	International Agency	0003	Active	09-02-2022	View (/Uploads/Institute/ARI-C-33354/2021-22/CollaboratExternalAgency/Near East University

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
11	LOYOLA ACADEMY, SECUNDERABAD	Educational Institute	0005	Active	14-05-2022	View (/Uploads/Institute/ARI-C-33354/2021-22/CollaboratExternalAgency/Loyola Academy_cor
12	INDIAN SOCIETY FOR THE PROMOTION OF ENGLISH LANGUAGE AND LITERATURE (ISPELL)	Knowledge/Mentoring Agency	0003	Active	11-09-2021	View (/Uploads/Institute/ARI-C-33354/2021-22/CollaboratExternalAgency/Indian society for pr
13	UNIVERSITAS OF SANATA DHARMA (USD), INDONESIA	International Agency	0005	Active	03-12-2021	View (/Uploads/Institute/ARI-C-33354/2021-22/CollaboratExternalAgency/Universitas Sanata D
14	AVENTURA TECHNOLOGIES, THANE, MAHARASTRA	Knowledge/Mentoring Agency	3	Active	04-12-2021	View (/Uploads/Institute/ARI-C-33354/2021-22/CollaboratExternalAgency/Aventura Technolog
15	ST. JOSEPH'S COLLEGE (AUTONOMOUS), TIRUCHIRAPPALLI, TAMILNADU	Educational Institute	0005	Active	15-05-2022	View (/Uploads/Institute/ARI-C-33354/2021-22/CollaboratExternalAgency/St. Joseph's College
16	THE BHOPAL SCHOOL OF SOCIAL SCIENCES, HABIBGANJ, BHOPAL	Educational Institute	0003	Active	28-01-2020	View (/Uploads/Institute/ARI-C-33354/2021-22/CollaboratExternalAgency/BSSS_compressed_2
17	CMR INSTITUTE OF TECHNOLOGY, BENGALURU, KARNATAKA	Educational Institute	0005	Active	10-09-2021	View (/Uploads/Institute/ARI-C-33354/2021-22/CollaboratExternalAgency/CMR Institute of Tec
18	ARDENT KNOWLEDGE SOCIETY JABALPUR	Knowledge/Mentoring Agency	0005	Active	24-06-2022	View (/Uploads/Institute/ARI-C-33354/2021-22/CollaboratExternalAgency/ARDENT_20220902
19	IDEAL FERTILITY IVF & GENETIC CENTER PRIVATE LIMITED, JABALPUR	Corporate/Industry Association	0005	Active	06-01-2022	View (/Uploads/Institute/ARI-C-33354/2021-22/CollaboratExternalAgency/IVF & Genetic Cente
20	FR. AGNEL COLLEGE OF ARTS AND COMMERCE, PILAR, GOA	Educational Institute	0003	Active	12-09-2020	View (/Uploads/Institute/ARI-C-33354/2021-22/CollaboratExternalAgency/Fr. Angel College_co
21	RAJAGIRI COLLEGE OF SOCIAL SCIENCE(AUTONOMOUS), KOCHI	Educational Institute	0005	Active	09-06-2022	View (/Uploads/Institute/ARI-C-33354/2021-22/CollaboratExternalAgency/Rajagiri College_con

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
22	ST. PIOUS X DEGREE AND PG COLLEGE, HYDERABAD, TELANGANA	Educational Institute	0005	Active	14-05-2022	View (/Uploads/Institute/ARI-C-33354/2021-22/CollaboratExternalAgency/St. Pious X Degree C
23	ASIAN INSTITUTE FOR FAMILY MANAGED BUSINESS (AIFMB)	Corporate/Industry Association	002	Active	03-01-2022	View (/Uploads/Institute/ARI-C-33354/2021-22/CollaboratExternalAgency/Asian Institute Famil
24	DCT'S DHEMPE COLLEGE OF ARTS AND SCIENCES, MIRAMAR, PANAJI, GOA	Educational Institute	0003	Active	09-12-2021	View (/Uploads/Institute/ARI-C-33354/2021-22/CollaboratExternalAgency/Dempe College_com
25	INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION, BHOPAL	Govt. Agency (State)	0003	Active	13-11-2021	View (/Uploads/Institute/ARI-C-33354/2021-22/CollaboratExternalAgency/Institute for Exceller
26	THE S.I.A. COLLEGE OF HIGHER EDUCATION, THANE, MAHARASTRA	Educational Institute	0003	Active	21-09-2020	View (/Uploads/Institute/ARI-C-33354/2021-22/CollaboratExternalAgency/SIA College_compre
27	KADAM SANSTHA	Knowledge/Mentoring Agency	0005	Active	01-01-2022	View (/Uploads/Institute/ARI-C-33354/2021-22/CollaboratExternalAgency/Kadam Sanstha_com

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 Da	ita Found				

7.2) Patents Filed by HEI						
Sr. No. Title/Name of Patent IP Registration Number	Date of Filed/Published					
1A medium for isolation of an endophytic fungus of genus Colletotrichum from the plant202221047768	22-08-2022					

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 Dal	a Found						

7.4) IP Commercialized and Transferred to	o 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
1	OB Cubes	IP/Patented Technology	Isha Deshpande	Start-up	SONORO	04-03-2021

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. Rev. G. Vazhan Arasu** (Head of Institute) and **Mr. Manju Gupta** (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. Rev. G. Vazhan Arasu, Head of the Institution, St. Aloysius College (Autonomous), Jabalpur, Madhya Pradesh

Nodal officer

31/10/2022

Mr. Manju Gupta, Nodal Officer, St. Aloysius College (Autonomous), Jabalpur, Madhya Pradesh