School of Pharmacy, Chouksey Engineering College [ARI-C-16663][C-16663]

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 31st October 2022)	Status
No Data Found	

Contact:

No Data Found	

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)	

Annual Performances of IIC Institute	Stars Secured
IIC 3.0 (2020-21)	
IIC 4.0 (2021-22)	In Active

Contact:

IIC President of the Institute:	Dr Dheeraj Ahirwar
Designation:	Principal
Email ID:	principalsop@cecbilaspur.ac.in
Mobile No.	9827951992

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
No Data Found			

1.4) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	C-16663	No
HEI Participated in the Smart India Hackathon (2022)	C-16663	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
1	Novel Drug Delivery System	341754(41)	2021-22	Core Course	Bachelor	Pharmacy	4	06-09-2021 00:00:00	15-12-2021 00:00:00	101	90	Offline

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	Tot Ber Und Pro
No Data Found											

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 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 31st October 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
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 31st October 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
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	Ananjay Pharmaceutical Pvt Ltd	Non Govt. Agency	10	Active	27-08-2021	View (/Uploads/Institute/ARI-C-16663/2021-22/Collab(
2	LNCT University	Educational Institute	10	Active	08-02-2022	View (/Uploads/Institute/ARI-C-16663/2021-22/Collab(
3	Vitamax Healthcare Pvt Ltd	Non Govt. Agency	10	Active	08-02-2022	View (/Uploads/Institute/ARI-C-16663/2021-22/Collab(
4	SKY Hospitals	Corporate/Industry Association	10	Active	21-12-2021	View (/Uploads/Institute/ARI-C-16663/2021-22/Collab(

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	Automatic stroke detection and classification using a convolutional neural network and brain CT image matching	202221027263	01-05-2022
2	Machine learning based approach to study and analyse biomedical intervention in the precision medicine for Tuberculosis	202211024051	01-04-2022
3	Artifical intelligence based approach to analyze neurological disorders that erupt during COVID-19 Pandemic	202211013207	01-03-2022
4	A machine learning based approach for early prediction of neurodegenrative disorder	202241017039	01-04-2022
5	A machine learning based approach integrated with nanotechnology to study the effects of topical creams for blood cancer	202231018320	01-03-2022
6	Application of robotic technology to segregation and disposal of biomedical waste	202241008221	01-02-2022
7	A robust and deep convolutional neural network approach to detect early stages of lung cancer	202211024611	01-07-2022
8	Artifical Intelligence based techniques to analyze the genome sequence of Cancer patients and predict their life expectancy based on cell biology	202241039475	01-07-2022
9	A system for Diagnosis and classification of Bone cancer using Artifical Intellegence	202241035945	08-07-2022

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
10	Deep learning based techniques to analyze the genome sequence of Diabetic patients and predict their life expectancy based on cell biology	202241042091	05-08-2022
11	Geriatric-orientation of sedem expert systems in paediatric ibuprofen Tablets	202221044684	19-08-2022
12	Artifical Intelligence based drug discovery techniques to analyze the impact of existing drugs for brain tumors and paving way for new efficacious drug	202241042626	12-08-2022
13	Design of smart Thin film actuators for biomedical applications and intervening the complications of gene mutations in diabetic patients	202211044190	26-08-2022
14	Machine learning based approach to analyse the protein sequences in the diabetic patients and efficient segregation of types of Diabetes	202241023905	13-05-2022
15	Molecular Identification and antifungal activity of antimycotics by farnesol and reduction of candida albicans pathogenicity in fission yeast	202221044413	19-08-2022

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 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	Date of Transferred Technology
No Data Found						

Declaration

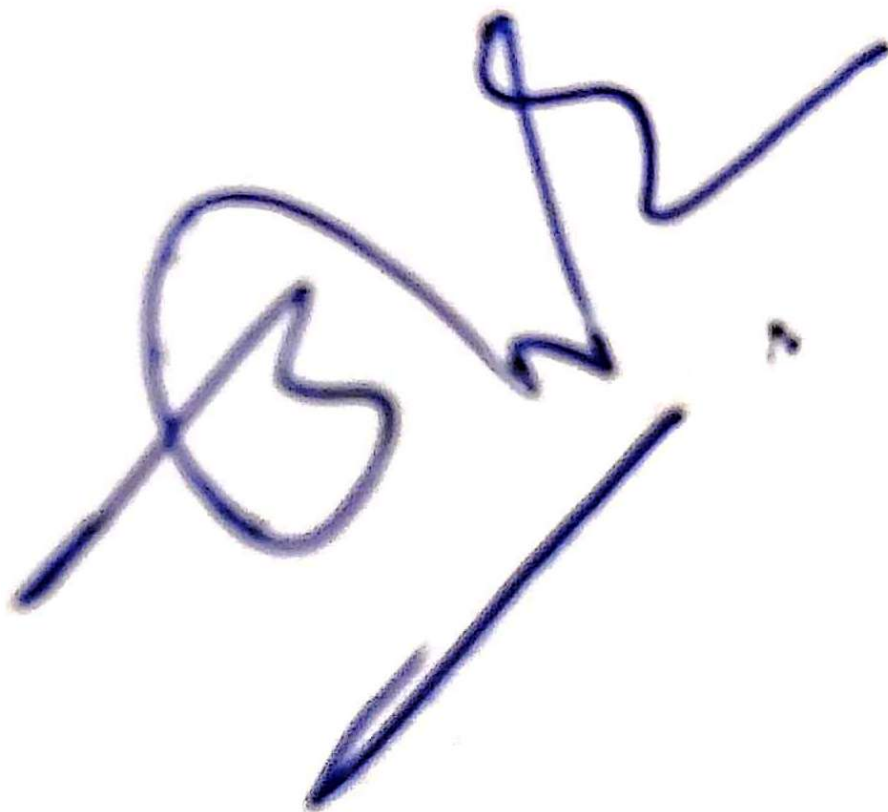To,
The ARIIA Committee
MHRD's Innovation Cell
New Delhi

Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself **Dr. DHEERAJ KUMAR AHIRWAR** (Head of Institute) and **Mr. RITESH JAIN** (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.
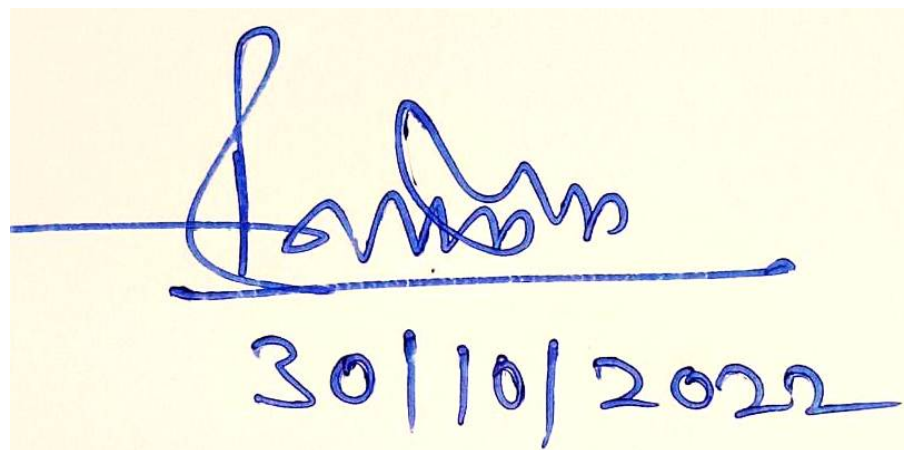

Thank you

The Head of Institute

Nodal officer

Mr. RITESH JAIN,
Nodal Officer,
School of Pharmacy, Chouksey Engineering College,
Bilaspur, Chhattisgarh

Dr. DHEERAJ KUMAR AHIRWAR,
Head of the Institution,
School of Pharmacy, Chouksey Engineering College,
Bilaspur, Chhattisgarh