

Chouksey Engineering College [ARI-C-15646][C-15646]



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
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:	Mr J P Singh
Designation:	Asst Professor
Email ID:	jpsingh@cecbilaspur.ac.in
Mobile No.	7803053030

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)	
IIC 4.0 (2021-22)	In Active

Contact:

IIC President of the Institute:	Dr Sanjay Pandey
Designation:	Professor
Email ID:	hodmba@cecbilaspur.ac.in
Mobile No.	9752410884

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-15646	No
HEI Participated in the Smart India Hackathon (2022)	C-15646	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	Total Duration of the Course (in Days)	Total Number of Contact Hours of the Course
1	Innovative and Entrepreneurial skills	328765(28)	2020-21	Core Course	Bachelor	Electronics And Telecommunication Engineering	1	01-09-2020 00:00:00	30-12-2020 00:00:00	121	35
2	Innovative and Entrepreneurial skills	328765(28)	2021-22	Core Course	Bachelor	Electronics and Telecommunication	1	20-08-2021 00:00:00	01-12-2021 00:00:00	104	32
3	Entrepreneurship Development (New)	576218(76)	2020-21	Core Course	Master	Department of Management	4	21-01-2020 00:00:00	14-03-2020 00:00:00	54	40
4	Entrepreneurship Development (New)	576218(76)	2021-22	Core Course	Master	Department of Management	4	10-06-2021 00:00:00	15-07-2021 00:00:00	36	40

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 Number of Contact Hours of the Course
5	Innovative and Entrepreneurial Skills	328765(20)	2020-21	Core Course	Bachelor	Dept of Civil Engineering	1	01-09-2020 00:00:00	30-12-2020 00:00:00	121	30
6	Innovative and Entrepreneurial Skills	328765(20)	2021-22	Core Course	,Bachelor	Dept of Civil Engineering	1	20-08-2021 00:00:00	01-12-2021 00:00:00	104	30

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	M Di
1	Stock Market and Trading	2020-21	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	Department of Management	09-09-2020 00:00:00	12-09-2020 00:00:00	4	30	01

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	M	Di
2	Faculty Development Programme On R	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Management	15-06-2020 00:00:00	21-06-2020 00:00:00	7	30	Oi	
3	Short Term Training on Intellectual Property Rights (IPR)	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Department of Computer Science and Engineering	11-05-2020 00:00:00	17-05-2020 00:00:00	7	35	Oi	
4	Recent Challenges in Teaching Pedagogy Phase-I	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	Civil Engineering Department	12-03-2021 00:00:00	18-03-2021 00:00:00	7	36	Oi	
5	Recent Challenges in Teaching Pedagogy Phase-II	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	Civil Engineering Department	07-05-2021 00:00:00	13-05-2021 00:00:00	7	36	Oi	
6	Recent Challenges in Teaching Pedagogy Phase-III	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	Civil Engineering Department	21-05-2021 00:00:00	27-05-2021 00:00:00	7	36	Oi	

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	M	Di
7	5 Days Expert Lecture on Water Resources Engineering	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Civil Engineering Department	12-02-2020 00:00:00	17-02-2020 00:00:00	6	30	Ol	

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
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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 Engagen of Team lead/Fo in Institi
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
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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	Sysorex Innovator, Bilaspur	Corporate/Industry Association	20	Active	27-08-2021	View (/Uploads/Institute/ARI-C-15646/2021-22/Collabor
2	Sysorex IT Solution, Abu Dhabi	Corporate/Industry Association	20	Active	27-08-2021	View (/Uploads/Institute/ARI-C-15646/2021-22/Collabor
3	Ananjay Construction and contract PVT Ltd, Bhopal	Corporate/Industry Association	20	Active	27-08-2021	View (/Uploads/Institute/ARI-C-15646/2021-22/Collabor
4	Kalchuri Contractor Ltd, Bhopal	Corporate/Industry Association	20	Active	27-08-2021	View (/Uploads/Institute/ARI-C-15646/2021-22/Collabor
5	B-Incube	Incubation Unit	2	Active	12-02-2021	View (/Uploads/Institute/ARI-C-15646/2021-22/Collabor

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	Construction techniques and practices	Copy Right	ISBN 978-93-5	27-06-2022	Yes

7.2) Patents Filed by HEI

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
1	INTEGRATED INTELLIGENT RAINWATER HARVESTING AND STORAGE SYSTEM BASED ON IOT FOR CONVERTING IT TO PURIFIED WATER	2021105390	03-11-2021
2	ARTIFICIAL INTELLIGENCE SECURE BLOCKCHAIN FOR HEALTH CARE SYSTEM	202211048964	09-02-2022
3	Hybrid and Electric Vehicles Charging at running time Vehicle	202241016809	15-04-2022
4	Mine ventilation system using IOT	202121032245A	13-08-2021
5	Semi-plugging batry manangement system powered by dual renewable energy for quardric 4 seater (wvc) EV	202141027891A	09-07-2021
6	Weed Extirpator	20221020740A	22-04-2021
7	Modified absorber plate of solar air heater	202199	31-05-2022
8	Effects of w/c ratio and curing time on the carbonation process of reinforced concrete structure	202231049079	28-08-2022
9	Treatmment of Bamboo with Polypropylene for use in structural concrete	202241045336	09-08-2022

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. KAILASH CHANDRA MAHAJAN** (Head of Institute) and **Mr. Nitin Kumar 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.

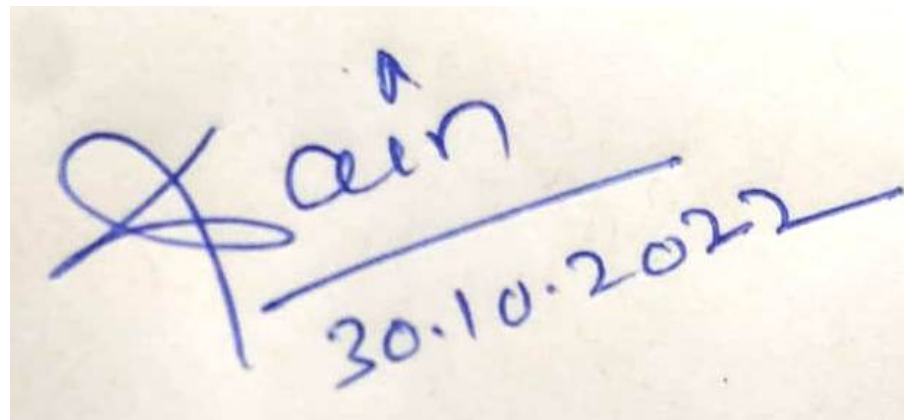
Thank you

The Head of Institute



Dr. KAILASH CHANDRA MAHAJAN,
Head of the Institution,
Chouksey Engineering College,
Bilaspur, Chhattisgarh

Nodal officer



Mr. Nitin Kumar Jain,
Nodal Officer,
Chouksey Engineering College,
Bilaspur, Chhattisgarh