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 16th 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:	Dr. Suresha. C N
Designation:	Professor
Email ID:	rritnisp@rrit.ac.in
Mobile No.	7760587976

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:	Mahendra K V

Designation:	Principal
Email ID:	rrit@rrinstitutions.com
Mobile No.	7899743333

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-1378	Yes
HEI Participated in the Smart India Hackathon (2022)	C-1378	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
1	INNOVATION DESIGN AND THINKING	21IDT19/29	2021-22	Core Course	Bachelor	Mechanical Engineering	1
2	CONSTRUCTION MANAGEMENT AND ENTREPRENEURSHIP	18CV51	2021-22	Core Course	Bachelor	CIVIL ENGINEERING	3

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score
3	INNOVATION DESIGN AND THINKING	21IDT19/29	2021-22	Core Course	Bachelor	CIVIL ENGINEERING	1
4	INNOVATION AND DESIGN THINKING	21IDT19	2021-22	Core Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	1
5	INNOVATION AND DESIGN THINKING	21IDT19	2021-22	Core Course	Bachelor	ELECTRICAL AND ELECTRONICS ENGINEERING	1
6	INNOVATION AND DESIGN THINKING	21IDT29	2021-22	Core Course	Bachelor	COMPUTER SCIENCE AND ENGINEERING	1
7	INNOVATION AND DESIGN THINKING	21IDT29	2021-22	Core Course	Bachelor	INFORMATION SCIENCE AND ENGINEERING	1
8	TECHNOLOGICAL INNOVATION AND ENTREPRENEURSHIP	18ES51	2020-21	Core Course	,Bachelor	DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING	3
9	TECHNOLOGICAL INNOVATION AND ENTREPRENEURSHIP	18ES51	2021-22	Core Course	Bachelor	DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING	3
10	MANAGEMENT AND ENTREPRENEURSHIP	18EE51	2020-21	Core Course	Bachelor	DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING	3
11	MANAGEMENT AND ENTREPRENEURSHIP	18EE51	2021-22	Core Course	Bachelor	DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING	3
12	Management Entrepreneurship for IT industry	18CS51	2020-21	Core Course	Bachelor	Computer Science and Engineering	3

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score
13	Management Entrepreneurship for IT industry	18CS51	2021-22	Core Course	Bachelor	Computer Science and Engineering	3

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	Pro Star Dat
1	Destructive and non Destructive testing methods	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Mechanical Engineering	23-1 202 00:0
2	3D SURFACE MODELING USING SOLID EDGE	2021-22	Short-term Certificate Program	Self Sponsored/Supported	MECHANICAL ENGINEERING	25-0 202 00:0
3	HANDS ON SESSION ON TOTAL STATION IN ASSOCIATION WITH BASELINE SURVEY	2021-22	Short-term Certificate Program	Self Sponsored/Supported	CIVIL ENGINEERING	18-0 202 00:0

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	Pro Sta Dat
4	TRAINING PROGRAM ON ANALYSIS OF RCC AND STEEL STRUCTURE USING STAAD PRO	2021-22	Short-term Certificate Program	Self Sponsored/Supported	CIVIL ENGINEERING	08-1 202 00:0
5	ADVANCE SURVEYING AND TOTAL STATION	2021-22	Short-term Certificate Program	Self Sponsored/Supported	CIVIL ENGINEERING	19-(202 00:0
6	Training on Junior Software developer	2021-22	Entrepreneurship Development Program (EDP)	Industry/Non-Govt.	ELECTRONICS AND COMMUNICATION ENGINEERING	31-(202 00:0

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 16th 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	Ema
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 16th October 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 Start Rece Supp from Incul unit Insti

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 Start Recei Supp from Incuk unit Insti
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	Medini Technologies	Non Govt. Agency	4	Active	15-07-2022	View (/Uplc
2	Mukesh Restyles Pvt Ltd.,	Non Govt. Agency	1	Active	13-11-2021	View (/Uplc
3	Vishnu Forge Industries Limited	Non Govt. Agency	1	Active	06-09-2021	View (/Uplc
4	Govt. Tool Room and Training Centre	Govt. Agency (State)	4	Active	04-01-2021	View (/Uplc
5	CADMAXX , EdTech Pvt Ltd	Non Govt. Agency	1	Active	30-07-2022	View (/Uplc
6	IFERP	Non Govt. Agency	2	Inactive	08-07-2020	View (/Uplc

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
7	BUREAU OF INDIAN STANDARDS	Govt. Agency (Central)	1	Active	01-09-2022	View (/Upl
8	United Technologies Limited, Bangalore	Knowledge/Mentoring Agency	2	Active	04-02-2022	View (/Upl
9	Acranton Technologies Pvt. Ltd., Bangalore	Corporate/Industry Association	2	Active	03-02-2020	View (/Upl
10	Eegile Automation & Engineering Services	Corporate/Industry Association	10	Active	29-12-2021	View (/Upl
11	3N Electronics	Corporate/Industry Association	10	Active	13-11-2021	View (/Upl
12	Chira Information Technologies	Non Govt. Agency	3	Active	10-02-2020	View (/Upl
13	Construction management training Institiute	Non Govt. Agency	5	Active	10-12-2021	View (/Upl
14	Reliable consultants and constructions	Non Govt. Agency	5	Active	13-11-2021	View (/Upl
15	Akruthi engineers and buliders	Non Govt. Agency	5	Active	13-11-2021	View (/Upl
16	Shikhar buliders and contractors	Non Govt. Agency	5	Active	13-11-2021	View (/Upl
17	AMD Electricals and Constructions	Non Govt. Agency	5	Active	13-11-2021	View (/Upl

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
18	Manyathy Business Solutions	Non Govt. Agency	1	Inactive	09-08-2021	View (/Upl
19	Amare Gouda Design & build Pvt Ltd.	Non Govt. Agency	3	Active	10-11-2021	View (/Upl
20	Kodandu Ramu Civil & Electrical Contractor	Non Govt. Agency	5	Active	23-10-2021	View (/Upl
21	Sree Aaditri Conssultancy and Engineering works	Non Govt. Agency	3	Active	04-01-2021	View (/Upl
22	Parvam Consultech Pvt. Ttd.	Non Govt. Agency	20	Active	20-02-2020	View (/Upl
23	SST Technologies	Non Govt. Agency	3	Active	10-01-2020	View (/Upl
24	Acranton Technologies Pvt. Ltd.	Non Govt. Agency	2	Active	03-02-2020	View (/Upl
25	Parvam Consultech Pvt. ltd.	Non Govt. Agency	20	Active	20-02-2022	View (/Upl
26	SST Technologies	Non Govt. Agency	2	Active	10-01-2020	View (/Upl

Section 7: Intellectually Property (IP) Generated and Commercialization

7.1) IPR Filed and Published (Copyrights & Design only)

| | | | | | Has this IP(Copyright & |

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	AWS-Cloud Data Advanced Performance Improved using Machine and Deep Learning Programming.	Design	2021103769	30-06-2021	Yes
2	Machine Learning And Iot Based Smart Warehouse Management System For Early Detection Of Spoilage	Design	202141032726	20-07-2021	No
3	A Novel Technique For Autonomous Report Generation For Management Of E-Financial Governance	Design	202141039092	28-08-2021	No
4	Developing A Web Based System For Breast Cancer Prediction Using Xgboost Classifier.	Design	202121039140	30-08-2021	No
5	Text summarization and dimensionality reduction using learning approach	Design	202221011723	04-03-2022	No

7.2) Patents Filed by HEI

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
1	POWER QUALITY ENHANCEMENT OF GRID INTEGRATED PV SYSTEM BY ARTIFICIAL INTELLIGENT CONTROLLER	202241021212A	08-04-2022
2	AWS-Cloud Data Advanced Performance Improved using Machine and Deep Learning Programming.	2021103769	30-06-2021

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
3	Machine Learning And Iot Based Smart Warehouse Management System For Early Detection Of Spoilage	202141032726	20-07-2021
4	A Novel Technique For Autonomous Report Generation For Management Of E-Financial Governance	202141039092	28-08-2021
5	Developing A Web Based System For Breast Cancer Prediction Using Xgboost Classifier.	202121039140	30-08-2021
6	Text summarization and dimensionality reduction using learning approach	202221011723	04-03-2022

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	
No Data Found						

Declaration

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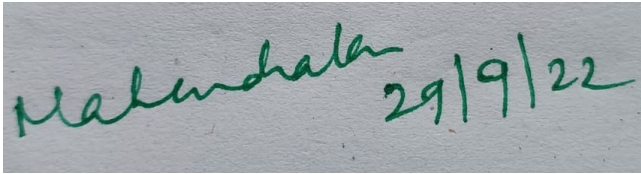The ARIIA Committee
MHRD's Innovation Cell
New Delhi

Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

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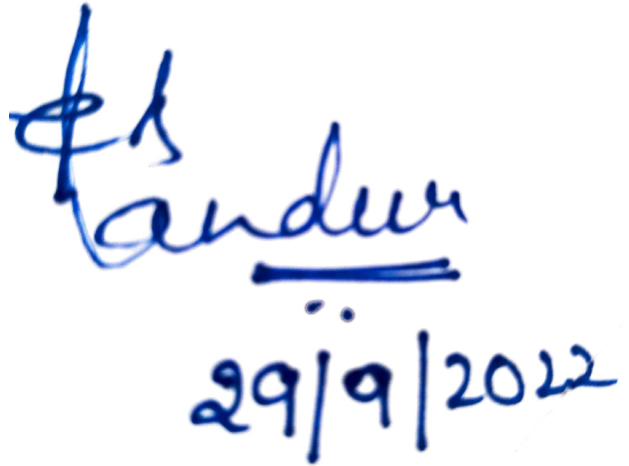
Thank you

The Head of Institute	Nodal officer

Dr. Mahendra K V,
Head of the Institution,
R. R. Institute of Technology,
Bangalore, Karnataka

Dr. Channabasavaraj. S,
Nodal Officer,
R. R. Institute of Technology,
Bangalore, Karnataka