nirf-Innovation

National Institutional Ranking Framework for Innovation
Ministry of Education, Government of India

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MoE
Ministry of Education
Government of India

Full Data Report

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nirf-Innovation
National Institutional Ranking Framework for Innovation
Ministry of Education, Government of India

G. Narayanamma Institute of Technology & Science for Women [ARI-C-19707][C-19707]

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)	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.Swapna Raghunath
Designation:	Associate Professor

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

Annual Performances of IIC Institute	Stars Secured
IIC 3.0 (2020-21)	3.5
IIC 4.0 (2021-22)	2

Contact:

IIC President of the Institute:	Dr.K.Ramesh Reddy
Designation:	PRINCIPAL

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 N kalyani	Advance	0
2	Dr S.Ramacharan	Basic	0
3	Dr.G.MALINI DEVI	Basic	0
4	V Vikas	Basic	0
5	Dr.R.Swapna Raghunath	Basic	0
6	M.Lalitha	Basic	0
7	Dr.A.Alakanandana	Basic	0
8	Dr RajKumar L Biradar	Basic	0

Sr. No.	Name of the Faculty IA	Level of Training	No of I&E Expert Talks/Sessions Conducted
9	M.Deepthi	Basic	0
10	Ramya PN	Basic	0
11	Dr B Ravichandra Rao	Basic	0

1.4) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	C-19707	Yes
HEI Participated in the Smart India Hackathon (2022)	C-19707	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 Numbers of Contact Hours of the Course
1	Managerial Economics and Financial Analysis	HS114BD	2021-22	Core Course	Bachelor	Humanities and Mathematics	3	14-03-2022 00:00:00	23-07-2022 00:00:00	132	48
2	Managerial Economics and Financial Analysis	HS116DE	2021-22	Core Course	Bachelor	Humanities and Mathematics	3	28-02-2022 00:00:00	01-05-2022 00:00:00	63	48
3	Managerial Economics and Financial Analysis	HS115CH	2021-22	Core Course	Bachelor	Humanities and Mathematics	3	06-09-2021 00:00:00	09-01-2022 00:00:00	126	48
4	Fundamentals of Management	HS115CE	2021-22	Core Course	,Bachelor	Humanities and Mathematics	3	06-09-2021 00:00:00	09-01-2022 00:00:00	126	48
5	Fundamentals of Management	HS117EC	2021-22	Core Course	Bachelor	Humanities and Mathematics	3	06-09-2021 00:00:00	09-01-2022 00:00:00	126	48
6	Fundamentals of Management	HS116CY	2021-22	Core Course	Bachelor	Humanities and Mathematics	3	28-02-2022 00:00:00	01-05-2022 00:00:00	63	48

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
7	Entrepreneurship and Project Management	HS117DZ	2021-22	Core Course	Bachelor	Humanities and Mathematics	3	06-09-2021 00:00:00	09-01-2022 00:00:00	126	48
8	Entrepreneurship and Project Management	HS118FK	2021-22	Core Course	Bachelor	Humanities and Mathematics	3	28-02-2022 00:00:00	01-05-2022 00:00:00	63	48
9	Industrial Management	OE117KW	2021-22	Core Course	Bachelor	Humanities and Mathematics	3	06-09-2021 00:00:00	09-01-2022 00:00:00	126	48
10	Marketing Management	OE118MB	2021-22	Core Course	Bachelor	Humanities and Mathematics	3	28-02-2022 00:00:00	01-05-2022 00:00:00	63	48
11	Research Methodology and IPR	511B111	2021-22	Core Course	Master	Centre	2	05-11-2021 00:00:00	19-03-2022 00:00:00	135	45

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
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	Govt. Schemes
1	EDC	EDC	Mr.V.Vikas	
2	IEDC	IEDC	Dr.Rajkumar L.Biradar	
3	Startup Cell	Startup Cell	Dr.G.Malini Devi	
4	Tinkering Lab	Tinkering Lab	Mr.B.Ravichandra Rao	

3.2) Existence of Incubation Facility (>= 1500 Sq. Ft. Floor Area)

Sr. No.	Name of Unit	In-charge Name	Govt. Schemes
1	MiraiNxt Innovation Centre	SAKUNTALA S	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	Govt. Schemes
1				

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	Total Grants Received (from all sources)	Grant Support Received from Institution/Incubation	Awards/Recog (National/Inte level) Receive
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 7th November 2022)

...ture s	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	DIN Number of Founder/Team Leader	Raised any Angel/VC Investment
					0				

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
1	M/s BRAINOVISION SOLUTIONS India Pvt. Ltd, Hyderabad	Corporate/Industry Association	3 Y	Active	11-01-2021
2	EMPIEZO IT Solutions Pvt.Ltd	Corporate/Industry Association	3 Y	Active	21-01-2020
3	Indian angle Network Sevices PVT Ltd	Angel/VC Firm	2 Y	Active	06-07-2021
4	ANOVA Corporate Services PVT Ltd.	Angel/VC Firm	2 Y	Active	14-12-2021
5	Cedura Testsol Pvt.Ltd (CeduraTech), Hyderabad	Corporate/Industry Association	2 Y	Active	18-08-2021

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	EARLY ACTION PREDICTION USING DEEP LEARNING FRAMEWORK FOR ANOMALY DETECTION FROM SURVEILLANCE VIDEOS BY RECURRENT RESIDUAL INCEPTION V3 AND LSTM	202141060727	24-12-2021

7.3 & 7.4) 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
1	202141058353	LAND SURVEY AND REGISTRATION SYSTEM WITH VIDEO PROOFING BASED IOT HYPER-LEDGER CLOUD MODULE	15-12-2021	Published	2021	

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
2	202141050407	AN AI BASED EV BATTERY CHARGING CONTROLLER WITH ENHANCED BATTERY MANAGEMENT	03-11-2021	Published	2021	
3	202111050099	ONLINE TECHNICAL LEARNING AND ADVANCED TRAINING MANAGEMENT SYSTEM	01-11-2021	Published	2021	
4	202141048156	NON-INTRUSIVE PERSONALIZED SMART HOME AUTOMATION USING BIG DATA	22-10-2021	Published	2021	
5	202141043601	A SYSTEM FOR ENERGY MANAGEMENT THROUGH SOFTWARE DEFINED NETWORK OR NETWORK FUNCTION VIRTUALIZATION ARCHITECTURES	27-09-2021	Published	2021	
6	202111036657	AN ARTIFICIAL INTELLIGENCE ENABLED CRYPTOGRAPHY BASED FINANCIAL ANALYTICAL TOOL	13-08-2021	Published	2021	
7	202141035313	DESIGN OF HIGH-SPEED APPROXIMATE REDUNDANT BINARY MULTIPLIER USING 4:2, 5:2 & 7:2 COMPRESSORS	05-08-2021	Published	2021	
8	202141019996	ARTIFICIAL INTELLIGENCE BASED AUTONOMOUS WASTE MANAGEMENT FOR E-ENVIRONMENT	30-04-2021	Published	2021	
9	202141017859	A NOVEL REAL TIME SENTIMENT DATA CLASSIFICATION SYSTEM WITH ENHANCED LONG SHORT TERM MEMORY	17-04-2021	Published	2021	

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
10	202141014697	EDGE COMPUTING BASED AUTOMATED MAINTENANCE SYSTEM FOR SOLAR PLANTS	31-03-2021	Published	2021	
11	202141010185	THE THIRD EYE	11-03-2021	Published	2021	
12	202141003295	IOT BASED PROPORTIONAL-INTEGRAL SLIDING MODE DIRECT POWER CONTROL OF DOUBLE FED INDUCTION GENERATOR WIND TURBINE	25-01-2021	Published	2021	
13	202041053099	Self Power Generating intelligent Electric vehicle	07-12-2020	Published	2020	
14	202041048459	Smart Suraksha	11-06-2020	Published	2020	
15	202041052410	Renewable Energy Sources automatic connection to smart grid	12-02-2020	Published	2020	
16	202041038374	Design of UV Chambers for disinfecting Complete Human Body Externally using UVC 222NM Lamps	09-05-2020	Published	2020	
17	201941045730	Novel Interline Unified Power Quality Conditioner(IUPQC) for Multi-Feeder Systems with Four Converters	11-11-2019	Published	2020	
18	202041032232	A new Pilot Symbol Assisted channel Algorithm using OFDM System with truncation DCT	28-07-2020	Published	2020	

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
19	202041034967	Encrypted Data Search: Z-Gram based Intelligent Text search over Encrypted data in Cloud Computing	14-08-2020	Published	2020	
20	201941054508	Method for Secure Communication using ASCII based Cryptography	30-12-2019	Published	2020	
21	2020102665	AMTH-Biomedical Waste Management: Automatic Method and Technologies for Biomedical Waste Management including Ayurveda Hospitals using IoT Based System	10-10-2020	Granted	2020	

7.5) 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						

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