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## Full Report

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

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**List all the departments / centers / units are part of innovation and startup ecosystem of the institute**

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Benificiar; Strength (2019-20)
1	MACLab	Incubation Unit	Multidisciplinary	UG / PG / PhD	Technical	24
2	Innovation Cell(Gnits I-Cell)	Pre-incubation unit	Multidisciplinary	UG / PG / PhD	Non-Technical	200
3	EDC Cell	Industry Institute Interface Unit	Multi Sector	UG / PG / PhD	Technical	100

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)
4	IOT enabled Centre of excellence	Centre of Excellence with Advance Tools & Equipment	Multidisciplinary	UG / PG / PhD	Technical	40
5	E-yantra Lab	Centre of Excellence with Advance Tools & Equipment	Multidisciplinary	UG / PG / PhD	Technical	12
6	Virtual Lab Nodal centre	Academic Department with lab facility	Multidisciplinary	UG / PG / PhD	Technical	100
7	Centre of Excellence in Antenna radiation pattern Analysis	Centre of Excellence with Advance Tools & Equipment	Multidisciplinary	UG / PG / PhD	Technical	40
8	Texas Instruments IOT Innovation Lab	Pre-incubation unit	Multidisciplinary	UG / PG / PhD	Technical	10
9	Centre of Excellence under modernization of Labs to support research in Artificial Intelligence	Centre of Excellence with Advance Tools & Equipment	Multidisciplinary	UG / PG / PhD	Technical	10

## Participation of HEI in Innovation & Entrepreneurship Initiatives of Ministry of Education (Till Today)

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-up Policy at the HEI	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	Yes	IC201912413
Trained Innovation Ambassadors at HEI	Yes	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	No	Not Required
Participation in National Education Alliance of Technology (NEAT)	No	Not Required

## Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

Srno	Name of Event/Activity (Full Name)	Event/Activity Theme	Event/Activity Type	Event/Activity Category	Even Level
1	Intra College Innovation Contest	Innovation	Innovation Contest	Institute Lead Activity	State

<b>Srno</b>	<b>Name of Event/Activity (Full Name)</b>	<b>Event/Activity Theme</b>	<b>Event/Activity Type</b>	<b>Event/Activity Category</b>	<b>Even Level</b>
2	SAMASYA	Innovation	Seminar	Institute Lead Activity	State
3	Women Hackathon on Environmental Management	Innovation	Hackathon	Institute Lead Activity	Natio
4	Idea Generation Contest	Entrepreneurship/Startup	Ideation	Institute Lead Activity	State

Srno	Name of Event/Activity (Full Name)	Event/Activity Theme	Event/Activity Type	Event/Activity Category	Even Level
5	Envisioning Entrepreneurship	Entrepreneurship/Startup	Seminar	Institute Lead Activity	State
6	Data Science	Innovation	Hackathon	Institute Lead Activity	State
7	web application development	Innovation	Hackathon	Institute Lead Activity	State

**Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and**

## Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

Srno	Name of Event/Activity (Full Name)	Event/Activity Theme	Event/Activity Type	Event/Activity Level	Organizing Agency / Institute Name	Or Ag Ty
1	Women Hackathon on Environmental Management	Innovation	Hackathon	National	GNITS	Ed Ins
2	Aikya 48hrs Hackathon	Innovation	Hackathon	State	Sreenidhi Institute of Science and Technology	Ed Ins
3	Startup Pitch	Innovation	Ideation	State	NURVJIT	Ed Ins

<b>Srno</b>	<b>Name of Event/Activity (Full Name)</b>	<b>Event/Activity Theme</b>	<b>Event/Activity Type</b>	<b>Event/Activity Level</b>	<b>Organizing Agency / Institute Name</b>	<b>Or Ag Ty</b>
4	Smart India Hackathon	Innovation	Hackathon	National	MHRD	Gc Ag (Ct
5	HAck2Hire	Innovation	Hackathon	State	Invesco Technologies	Co Inc As
6	Anveshana Science and Engineering Fair	Innovation	Innovation Contest	State	Visvesvaraya Bhavan	Ed Ins

<b>Srno</b>	<b>Name of Event/Activity (Full Name)</b>	<b>Event/Activity Theme</b>	<b>Event/Activity Type</b>	<b>Event/Activity Level</b>	<b>Organizing Agency / Institute Name</b>	<b>Or Ag Ty</b>
7	SWISH Hackathon	Innovation	Hackathon	State	JNTUH	Ed Ins
8	30 hour program in Data science projects	Innovation	Boot camp	State	International school of engineering	Ed Ins
9	EXCITE program under JHUB at University Campus	Innovation	Workshop	State	JNTUH	Ed Ins



Srno	Name of Event/Activity (Full Name)	Event/Activity Theme	Event/Activity Type	Event/Activity Level	Organizing Agency / Institute Name	Or Ag Ty
10	Intra College Innovation Contest 2019- Idea pitching	Innovation	Innovation Contest	State	GNITS	Ed Ins
11	Summer Internship Program 2019	Innovation	Training	State	SmartBridge and IBM	Co Inc As

**List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period 2018-19**

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Level of Course	Course Offering Department/Centre/Unit Name	Pr: St: Da
1	Intellectual Property Rights	IPR	Elective/Core Credit Course	Bachelor	Humanities and Mathematics	09 20
2	Research Methodology and IPR	IPR	Elective/Core Credit Course	Master	GNITS	11 20

**List the Employment Generation Skill Development Programs Organized by the HEI on Innovation, IPR and Entrepreneurship Development During the Academic Period (2019-20)**

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Program Start Date	Program End Date	Pro Dur Day
No data filled.							

**List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)**

Srno	Faculty Name	Department/Centre/Unit Name	Designation	Do you have a degree in I&E & IPR?	Received Training in I&E & IPR during 2019-20			
1	Dr.N.Kalyani	CSE	Professor	No	Yes			
<b>Training Details</b>								
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>
<b>Training Details</b>								
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>
2	Dr.Raj Kumar L B	ETE	Professor	No	Yes			
<b>Training Details</b>								
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>
<b>Training Details</b>								
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>
3	Dr.S. Ramacharan	IT	Associate Professor	No	Yes			
<b>Training Details</b>								
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>
<b>Training Details</b>								
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>
4	Dr.G.Malini Devi	CSE	Assistant Professor	No	Yes			
<b>Training Details</b>								
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>

**List Idea/Innovation Centric Student Clubs Are Functional at the HEI with Access to Co-working Space/Work-stations for Students with Facilities & Equipment Available to promote and Support**

### Innovation, Entrepreneurship and IPR Activities in Campus

Srno	Name of Student Club	Type of Club	Year of Establishment	Type of Facilities Available at the Club	Club with Access to Other I&E Facilities at the HEI	No of Programs /Activities Organized During the AY 2019-20	Student Club Team Lead Name
1	GNITS-I-Cell	Innovation Club	2017	None	No Such Facilities Exist in the Campus	4	Amtul Malik Husna

### List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)

Srno	Name of Centre	Type of Facility	Year of Facility Creation	Facility Incharge Name	Facility Incharge Email	Fac Incl Phc
1	Innovation Cell	Innovation Centre	2017	Dr.S.Ramacharan	s.ramacharan@gnits.ac.in	944
2	EDC-GNITS	EDC	2013	Dr.Rajkumar L B	rajkumar_lb@yahoo.com	996

### List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

Srno	Name of Centre	Year of Facility Creation	Facility Incharge Name	Facility Incharge Email	Facility Incharge Phone
1	e-Yantra	2017	B V Prasad babu	bvprasadbabu@gnits.ac.in	9849878355
2	IoT enabled centre of excellent	2017	T Rajesh	rajesh@gnits.ac.in	9494254625
3	Centre of excellence under modernization of labs to support research in Artificial Intelligence	2017	Dr G Malini Devi	gmalini12@gnits.ac.in	9885016061
4	MAC	2016	Dr I Raviprakash Reddy	irpreddy@gnits.ac.in	0402956585
5	TEXAS INSTRUMENTS IoT INNOVATION LAB	2018	Ch.Hari Prasad	chindam_prasad@yahoo.co.in	9704363412
6	Centre of excellence in Antenna Radiation Pattern Analysis	2020	Dr. B. Venkateshulu	ecehod@gnits.ac.in	9849417459

**List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)**

Srno	Name of Centre	Year of Facility Creation	Facility Incharge Name	Facility Incharge Email	Facility Incharge Phone	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation & Incubation Centre/Facilities?	Had Ger Incr fro Off Incr Cer
No data filled.							

### List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)

Srno	Name of Centre	Year of Facility Creation	Facility Incharge Name	Facility Incharge Email	Facility Incharge Phone	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation & Incubation Centre/Facilities?	Had Ger Incr fro Off Incr Cer
No data filled.							

### List the IPR Cell/Technology Transfer Centre Facilities at the HEI

Srno	Name of Centre	Year of Facility Creation	Facility Incharge Name	Facility Incharge Email	Facility Incharge Phone	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation & Incubation Centre/Facilities?	Had Ger Incr fro Off Incr Cer
No data filled.							

### Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

Srno	Name of the Faculty/Staff	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
No data filled.				

### Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

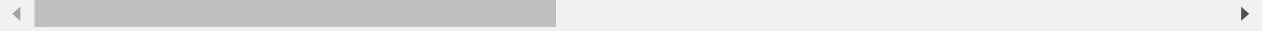
Srno	Name of the External Expert/Agency as Mentor	Type of Mentorship	Mentor Expert Area
No data filled.			

### List all the Innovations Generated Developed, Completed and Implemented in Ground with Support of Pre-incubation & Incubation facilities at the HEI and Recognitions Received

Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Type of Technology	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Innova Develo by
No data filled.						

### List all the Ventures/Startups/SME Units Established with Support of Pre-incubation & Incubation facilities at the HEI

Srno	Name of Centre	Type Of Innovation	Nature Of Innovation	Type Of Innovation Sub	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Developed by
No data filled.						





## List all the Innovations/Venture/Startups for which HEI has facilitated Angel/Venture Capital Fund

### List all the Innovations/Venture/Startups for which HEI has facilitated Angel/Venture Capital Fund

Data required for Financial Year (2019-20)

Empaneled Mentoring Service Support					
Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Type of Innovation	Name of the Pre-Incubation/Incub Unit of HEI Suppc Innovation Development
<div style="text-align: right;">-</div>					

Ventures Established with the Support of the HEI				
Srno	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Type of Innovati
<div style="text-align: right;">+</div>				

## List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI

Srno	Collaborated Agency Name	Collaborated Agency Type	Purpose of Collaborated	No. of Student Projects	Date of MOU / Agreement Signed on
No data filled.					

### List the IPs Filed/Published/Granted (Copy Right & Designs Only) by the HEI as Co-applicant/Co-owner

Srno	Title/Name of IP	Type of IP	Registration Number	Date of Filed/ Published (Month, Year)	Current Status of IP as on 31st March 2020
No data filled.					

### List the IP (Patents only) Filed by the HEI as Co-applicant/Co-owner

Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Month, Year)						
1	Device and Method for Determining Quality and Flow Control of Water	201941047644	06 , 2019						
<table border="1"> <tr> <th>Applicant Name</th> <th>Applicant Type</th> <th>Department/Centre Name</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>		Applicant Name	Applicant Type	Department/Centre Name					
Applicant Name	Applicant Type	Department/Centre Name							
2	System and methods for monitoring and forecasting physiological conditions	201941028160	08 , 2019						
<table border="1"> <tr> <th>Applicant Name</th> <th>Applicant Type</th> <th>Department/Centre Name</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>		Applicant Name	Applicant Type	Department/Centre Name					
Applicant Name	Applicant Type	Department/Centre Name							
3	Method for Secure Communication using ASCII based Cryptography	201941054508	03 , 2020						
<table border="1"> <tr> <th>Applicant Name</th> <th>Applicant Type</th> <th>Department/Centre Name</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>		Applicant Name	Applicant Type	Department/Centre Name					
Applicant Name	Applicant Type	Department/Centre Name							
4	System and Method for Detecting and Assisting in Quitting Smoking Habit	201941036716	09 , 2019						
<table border="1"> <tr> <th>Applicant Name</th> <th>Applicant Type</th> <th>Department/Centre Name</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>		Applicant Name	Applicant Type	Department/Centre Name					
Applicant Name	Applicant Type	Department/Centre Name							

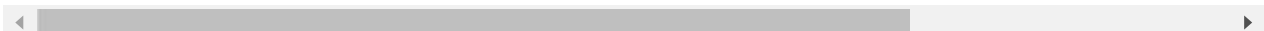
Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Month, Year)
	<b>Applicant Name</b>	<b>Applicant Type</b>	<b>Department/Centre Name</b>
5	System and Method for Solid waste Management and Segregation	201941036714	09 , 2019
	<b>Applicant Name</b>	<b>Applicant Type</b>	<b>Department/Centre Name</b>
6	Method for detecting anti patterns in web services and business processes	201941014136	04 , 2019
	<b>Applicant Name</b>	<b>Applicant Type</b>	<b>Department/Centre Name</b>

### List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI

Srno	Title/Name of IP	Type of IP	IP Registration Number	Current Status of IP as on 31st March 2020
No data filled.				

### List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner

Srno	Name of Technology Licenced/Transferred/ Commercialized	Technology Type	Type of Transfer	Patent/Licence Holder name (Institute Co-ownership is Must)	Patent/Licence Number
No data filled.					



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