

Annual Report 2021-22 (7-10 pages' maximum)



National Institute of Technology Andhra Pradesh,

A. About IIC Institute

- Vision / Mission of IIC established at the Institute
To strengthen Institute Innovation-entrepreneurship eco-system
- Journey of IIC established at the Institute
Established year 2018-19
- Diversified representation in the IIC established at the institute from industry, Interdisciplinary & Departments/ Units etc.
The student and faculty of IIC members are from different departments and the programs planned are more an interdisciplinary in nature.

B. Brief mention of key functionaries at the IIC Institute

- President
Performed the role as Head of Council. Initiate, identify and form the council and assign the role and responsibility to members Vice President (No Vice President in constituted IIC)
- Convenor
Immediate point of contact and coordination. (preferably Incubation in charge of institute or Faculty with Entrepreneurship Experience or interest)
- Coordinators:
 - Innovation activity coordinator (Faculty) – Primary responsible for organizing and coordinating after Innovation promotion activities and extend support to other activities.
 - Start-up activity coordinator (Faculty) - Primary responsible for organising and coordinating after Start-up promotion activities and extend support to other activities.
 - Internship coordinator (Faculty) – Primary responsible for organizing and coordinating after Internship opportunity and engage student in Start-ups, innovation labs and incubation centre etc. to promote innovation activities and extend support to other activities.
 - IPR activity coordinator (Faculty) - Primary responsible for organizing and coordinating after IPR mentoring, awareness opportunity to promote innovation activities and extend support to other activities.
 - Social Media Coordinator (Faculty) - Primary responsible for organizing and coordinating after social media promotion and public relation and effectively communicating regarding various activities undertaken to promote innovation activities and extend support to other activities.
 - ARIIA Coordinator (Faculty) - Primary responsible for creating repository and advising on more innovation and start-up activities in campus to increase the ranking in ARIIA and also extend support to other activities.
 - NIRF coordinator (Faculty) - Primary responsible for creating repository and advising on more innovation and Research activities in campus to increase the ranking in NIRF and also extend support to other activities.

C. Portfolio/graphical/Tabular representation of Resource strength (human capital and Physical capital) of the IIC institution

- Total No. of IIC Members: 11
- Total No. of IAs: 05
- Total No. of faculty Mentors 05
- Pre-Incubation Units, If any-Not Available

- Incubation Units, If any--Not Available IP Facilitation Unit, If any -Not Available

D. Highlight Facilities, Infrastructure of Pre-Incubation & Incubation kind and Student bodies/clubs engaged in promotion of Innovation and Entrepreneurship in the campus. Student bodies: NIT Andhra Pradesh has Entrepreneurship and Innovation Cell which is engaged in promotion of Innovation and Entrepreneurship in the campus

E. Highlight Achievements (Narrative/Graphical/tabular representation)

- Number and Different types of I&E and IPR activities Conducted-15
- No. of student's & faculty ideas generated- 03
- No. of student's & faculty Innovation/prototypes developed-06
- No. of IPs generated, published and granted-21
- No. of Student & Faculty Start-ups/Ventures established-03
- Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus-Rs. 30,000/-
- Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR - Seed grant an average 2.5L per faculty is sanctioned to support faculty research.
- No. of Technology Transfer and Commercialisation happened-01

F. Highlight few best IIC Faculty/Student members and their achievements/ Rewarded for the innovations at different forum
 [Profile of few faculties with 2-3 line of their achievements]

G. Highlight selected best Innovations & images with mention of inventor/innovation name

H. Highlight selected start-ups established by students/faculties with mention of founder/cofounder name
 Nil

I. List if any break through Innovations / Technology Developed at the institute (2-3 technology with 2-3 lines about technology and innovation)
 Nil

J. Participation of IIC-institute in various programs of Central and State Govt. Highlighting specially for the schemes or programs

- ARIIA – participation and Rank -Nil
- NISP Adoption status – Initial draft of institute start up policy is completed. Separate incubation and innovation cell was established and the proposals of start-up has been received
- Smart India Hackathon etc. -

K. Detail of social media & Connections of IIC institute

Facebook- <https://www.facebook.com/nitandhrapradesh2015>
 Twitter- <https://twitter.com/NITANDHRA2015>
 Instagram- <https://www.instagram.com/nit.andhrapradesh>

L. Testimonials from IIC members and external about IIC institute and IIC of MoE's Innovation Cell

- Students should be allowed to have their own start ups apart from regular curriculum.I am happy that NIT Andhra Pradesh has already started implementing NEP in its curriculum –Mr.Sridhar Vembhu,Zoho Corporation
- A great initiative by Government of India in promoting Innovation in HEI's-Registrar I/c,NIT,Andhra Pradesh

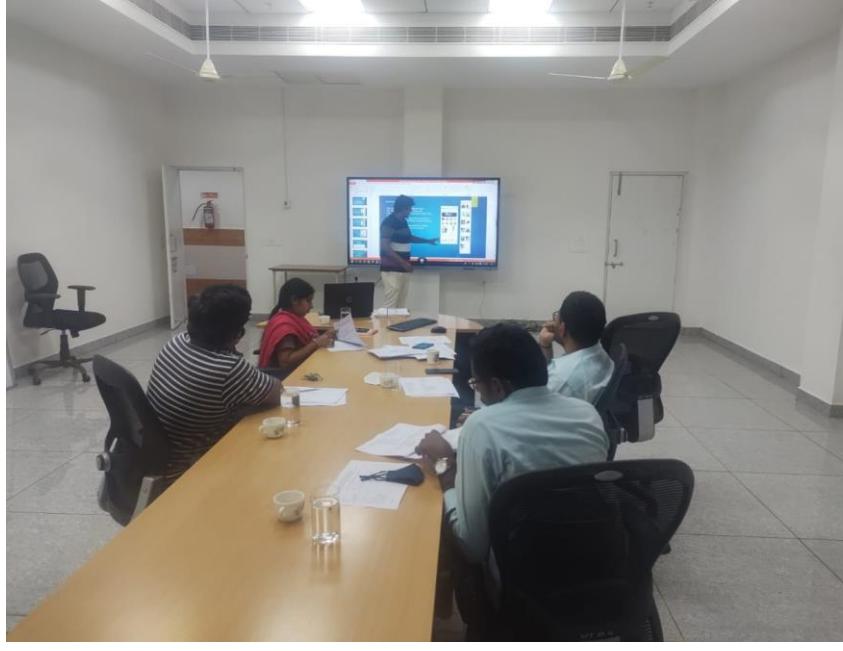
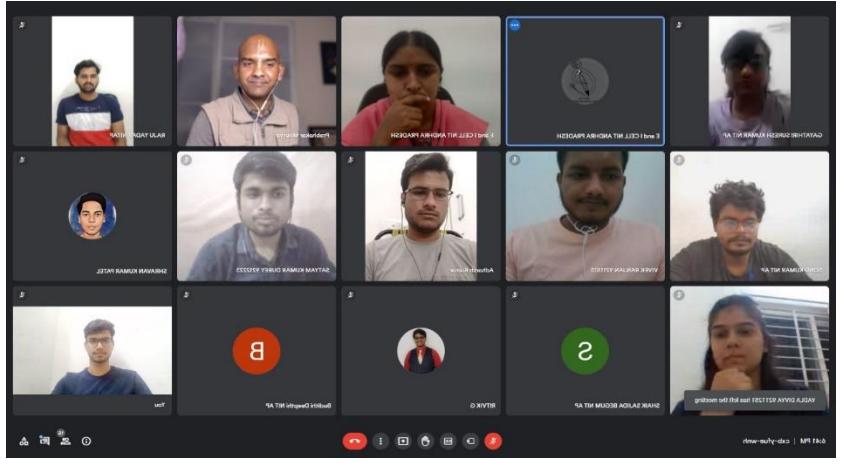
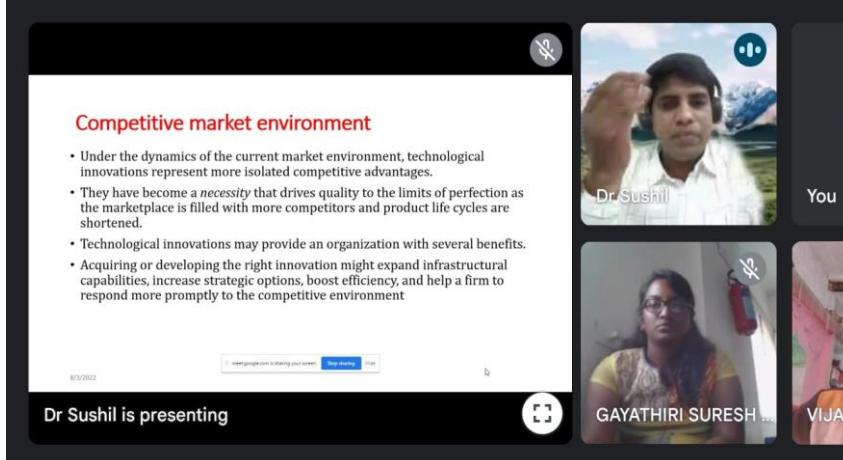
- Large number of faculty and students are benefitted by IICs activity calendar with the inclusion of Innovation Contest. –Dean (Reserach&Consultancy)
- NIT –Andhra Pradesh in future will bring together successful business leaders, accredited investors, global entrepreneurs and students who are we believe will be future leaders.-Dutta ,CEO,Digicides
- True innovation is coming up with a product that customer didn't even know that the need I hope NIT Andhra Pradesh will think in that direction.Mr.Kiran Kumar Gudimetla,CTS

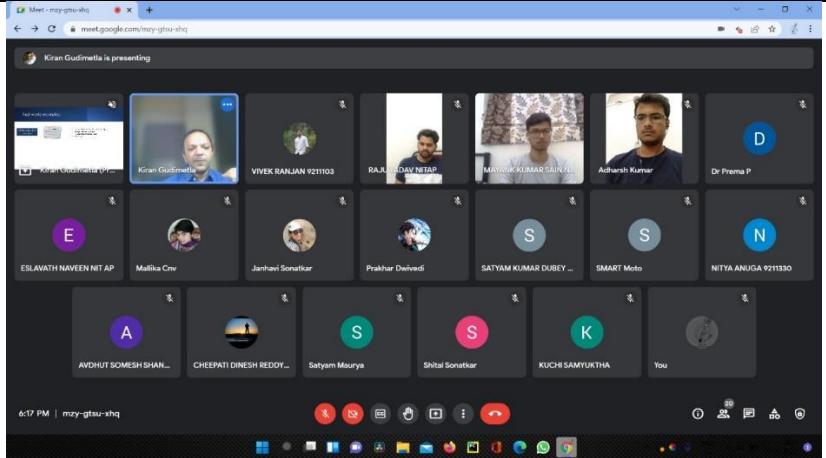
M. Images

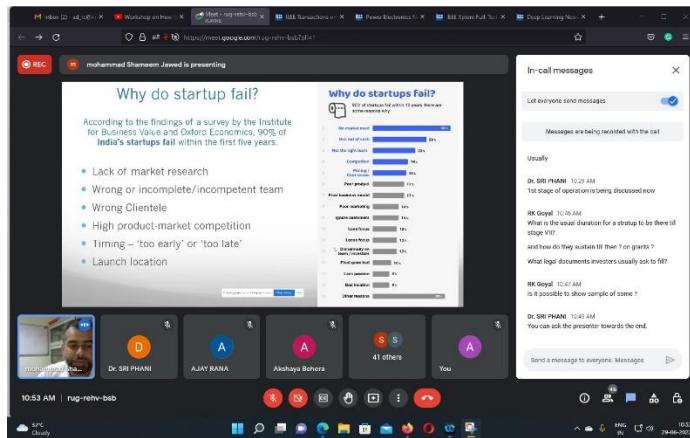
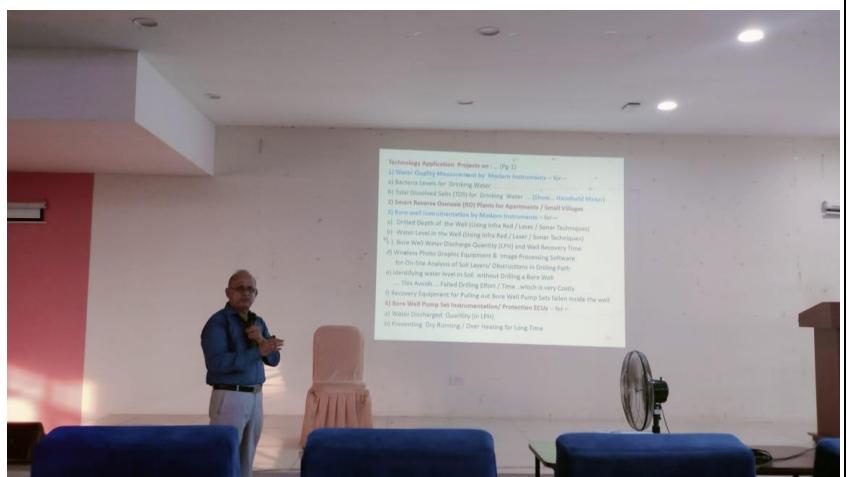
S.No .	Event details	Speaker Details	Photo/Links
1	4 th -8 th October,2021 A Five-day Online Workshop on “Scope for Technopreneurs in Academic Institutions ”	Mr.Surya Prakash Gowd,MSME Dr.Dhanalakshmai ,Tamilnadu Entrepreneurship cell Dr.D.Sudhakar ,Golden Jubilee Biotech Park Mr.Ponram,Tejas, Translational Technologies Mr.Sateesh Kumar,Food Printer ,Pvt.Ltd	

2	<p>3-4th ,Nov,2021</p> <p>Sky Lanterns</p>	<p>Dr.C.SP.Rao Director NIT-Andhra Pradesh</p>	
3.	<p>11th -12th ,Jan 2022</p> <p>E- Symposium on building Innovation Ecosystem in Educational Institutions Day</p>	<ul style="list-style-type: none"> • Mr. R. K Puri ,DPIIT • Shri. Gautam, Founder, FarEye Pvt, Ltd • Shri Sridhar Vembu, Founder ZOHO corporation • Dr. Neetu Bhagat, AIC • Shri. Gautam, Founder, FarEye Pvt, Ltd 	

4	<p>31st,Jan,2022</p> <p>Session on Problem Solving and Ideation Workshop</p>	<p>Professor.</p> <p>Vidyashankar T R is an Advisory Board of Abhyudaya, an NGO</p>	
5	<p>29th,Jan,2022</p> <p>My Story - Motivational Session by Successful Entrepreneur/Start-up founder.</p>	<p>Dean Dutta- founder of Digicides</p>	
6.	<p>23rd,Feb,2022</p> <p>National Science Day</p>		

7.	<p>21ST,Feb,2022</p> <p>Demo day /Exhibitions/Poster presentation of Business plan /Prototype developed & Linkage with innovation Ambassadors for Mentorship Support</p>	<ul style="list-style-type: none"> • Dr Ravi Kiran sastry, • Dr V.Sandeep • Dr P.Shankar • Dr Phani Krishna Karri, • Dr Karthikeya Sharma, • Dr Premalatha .P 	
8.	<p>12th,March,2022</p> <p>Workshop on Entrepreneurship Skill,Attitude and Behaviour Development</p>	<p>Mr. Prabhakar Maurya, GM SAAHI Infrastructure Private limited</p>	
9.	<p>8th,March,2022</p> <p>Expert talk on "Process of Innovation Development & Technology Readiness Level (TRL)" &</p>	<p>Prof. K. Sushil Kumar Professor IIM Vizag</p>	

	"Commercialisation of Lab Technologies & Tech-Transfer		
10.	11 th March ,2022 Workshop on Design Thinking ,Critical thinking and Innovation Design		
11	26 th ,June,2022 Workshop on Intellectual Property Rights(IPRs) & IP Management	Veera Raghavulu, Examiner of Patents and Designs ,Chemical Division, <i>IPR Office, Chennai</i>	 <p>National Intellectual Property Awareness Mission (NIPAM) Webinar on “Awareness on IPR and Role of IPR in Academia and Research” Free Registration through https://tinyurl.com/NITAPIPR</p> <p>1st February 2022</p> <p> Veera Raghavulu Kattula Examiner of Patents & Designs, Intellectual Property Office, Chennai, Ministry of Commerce & Industry Govt. of India.</p> <p> Ashish Prabhat Examiner of Patents & Designs, Intellectual Property Office, Delhi, Ministry of Commerce & Industry Govt. of India.</p> <p>10:45 am to 12:30 pm 02:30 pm to 05:00 pm Last date of registration: 30.01.2022 Webinar link will be sent to the registered participants on January 31, 2022 Participants can choose forenoon or afternoon slot. E- certificates will be issued to all participants</p>

12	<p>27th,June,2022</p> <p>How to plan for start-ups, Legal &Ethical steps</p>	<p>Dr Shameem Jawed Assistant Professor , Finance &Accounting, IIM Visakhapatnam</p>	 <p>Why do startups fail?</p> <p>According to the findings of a survey by the Institute for Business Value and Oxford Economics, 90% of India's startups fail within the first five years.</p> <ul style="list-style-type: none"> Lack of market research Wrong or incomplete/incompetent team Wrong Clientele High product-market competition Timing – 'too early' or 'too late' Launch location <p>In-call messages</p> <p>Let everyone send messages <input checked="" type="checkbox"/></p> <p>Messages are being recorded with the call</p> <p>Usually</p> <p>Dr. SRI PHANI 10:21 AM 1st stage of operations being discussed now</p> <p>RM Gopal 10:20 AM What is the usual duration for a startup to be there till stage VII? and how do they sustain till then? or grants?</p> <p>What legal documents investors usually ask for?</p> <p>RM Gopal 10:20 AM Is it possible to show sample of some?</p> <p>Dr. SRI PHANI 10:45 AM You can ask the presenter towards the end.</p> <p>Send a message to everyone. <input type="button" value="Send"/></p>
13	<p>26th,July,2022</p> <p>Session on Accelerators/Incubation - Opportunities for Students & Faculties - Early Stage Entrepreneurs</p>	<p>Dr.Arun M Islor Professor Former Head Dept of Chemistry NIT –Surathkal</p>	 <p>12:18 PM sst-ywsl-ecr</p> <p>In-call messages</p> <p>Let everyone send messages <input checked="" type="checkbox"/></p> <p>Messages are being recorded with the call</p> <p>create in many terms like economical events and many!</p> <p>Pr. 10:15 PM Your Participants</p> <p>PRB and submit the feedback for</p> <p>https://forms.gle/7M1mzL3qyH2</p> <p>Arindra Parley 10:15 PM</p> <p>Grand Sir, what is the meaning of 'S' rating in feedback form?</p> <p>MEHAR KHANNA SANDEEP NIT AP 10:17 PM</p> <p>Thank you</p> <p>Dr. Mahesh Mudavath 10:18 PM</p> <p>thank you</p> <p>ABINAV KUMAR P212455 10:19 PM</p> <p>Thank you</p> <p>Send a message to everyone. <input type="button" value="Send"/></p>
14	<p>5th,Sep,2022</p> <p>Innovation -Prototype Validation Converting Innovation into a start Up</p>	<p>Dr.P.V.Rajgopal Former Addl.Gen.Manager,BHEL Independent consultant</p>	 <p>Technology Application Projects on ... (Fig. 1)</p> <ol style="list-style-type: none"> 1) Water Quality Measurement & Broken Instruments – for ... 2) Bacteria Levels for Drinking Water 3) Total Dissolved Salts (TDS) for Drinking Water ... (Home, Household Water) 4) Home Water Treatment Plant (HWP) Plants for Apartments / Small Villages 5) Rain water Harvesting 6) Rain well Instrumentation (RWI) Plants for Apartments / Small Villages 7) Rain well Instrumentation (RWI) Plants for Apartments / Small Villages 8) Dried Depth of the Well (Using Intra Rad / Laser / Sensor Techniques) 9) Water Level in the Well Using Intra Rad / Laser / Sensor Techniques 10) Water Level in the Well Using Intra Rad / Laser / Sensor Techniques 11) Wireless Photo Graphic Equipment & Image Processing System for On-Site Analysis of Soil Layers/ Observations in Drilling Path at Geology Locations for Soil Testing Drilling a Bore Well ... This Awaids ... Failed Drilling Effectively 12) Recovery Equipment for Pulling out Bore Well Pump Sets held inside the well 13) Bore Well Pump Set Instrumentation/ Protection ECUs – for ... 14) Water Disinfection Plant (WDP) 15) Processing, Dry Running & Over Heating for Long Time

15	<p>IIC Regional Meet at Andhra University, Vishakapatnam</p>	 <p>Regional Meet Institutions' Innovation Council MoE's Innovation Cell</p> <p>Certificate of Participation</p> <p>Sudarshana Deepa</p> <p>NATIONAL INSTITUTE OF TECHNOLOGY, Andhra Pradesh has participated in the regional meet held on 10th Aug 2022 at Andhra University, Visakhapatnam.</p> <p><i>Handwritten signature of Prof. H Purushotham</i> Prof. H Purushotham IIC President, Andhra University, Visakhapatnam</p> <p><i>Handwritten signature of Mr. Dipan Sahu</i> Mr. Dipan Sahu Assistant Innovation Director MoE's Innovation Cell</p>
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