



## Annual Report 2023-24

### A. About IIC Institute

IIC Institute Name: Vignan's Institute of Information Technology(A)(C-17965), [IC202014131]

- **Vision / Mission of IIC established at the Institute**

#### **Vision**

1. To create an ecosystem encouraging innovation and supporting startups.
2. To bring awareness among academia regarding IPR, NISP, NEP and startup schemes etc.
3. Prepare Institute for ARIIA, NIRF.
4. To improve cognitive ability for students by encouraging them to Innovative solution to society problems
5. To increase employability and entrepreneurship in students as well as faculty.

#### **Mission**

1. Conduct workshops, seminars, boot camps, Ideation workshops on various topics like innovation and entrepreneurship, design thinking, IPR, NISP etc. so as to bring awareness among the academia.
2. Facilitate Interaction between students and various entrepreneurs.
3. Conduct boot camps at different locations in vicinity areas of the college.
4. Conduct skill up gradations programs to students as to increase their employability.

- **Journey of IIC established at the Institute**

- i. Since IIC is established in the institute, many steps are taken to improve entrepreneurship skills among the students.
- ii. Formed a proactive committee comprising external members, internal members and students.
- iii. The committee conducts periodical meetings with students and others stake holders, minutes of the meetings are also uploaded.



iv. Several Sessions, webinars and invited talks are organized to sensitize college academia on IPR, entrepreneurship, Innovation, Design Thinking etc.

- **Diversified representation in the IIC established at the Institute from industry, Interdisciplinary & Department/ Units etc.**
- **Yes, Committee List**

Name of the Member	Representation	Position
Mr. Malleswara Rao V Anupoju	Industry	STPI
Mr. G. Durga Prasad	Industry	Wells Fargo India
Mr. Srinivas Maddipati	Industry	EEVa IP & IT services pvt ltd
Mr C. Rama Krishna	Industry	Hinduja National Power Corporation
Mr. S. Venkatesh	Industry	Electro-pro India
Dr Vallabhaneni Madhusudhana Rao	VIIT	President IIC, Rector
Dr. Sudhakar Jyothula	ECE	Convenor IIC, Principal
Dr. T. Archana Acharya	MBA	Innovation activity
Dr K Srinivasa Naik	ECE	Startup activity
Dr. Ch. Bharat Kumar	ME	IPR Cell Coordinator
Dr. P Santosh	ECM	Social Media
Dr. Ch. Hari Govind Rao	MBA	NIRF
Dr B Prasad	IT	Internship activity
Mr. Sampath Dakshina Murthy Achanta	ECE	ARIIA
Mr M Srinu	MBA	ED Cell
Dr. Girish Bhigade	ME	Tech Guru
Mr Mohan Mohanty	CSE	Tech Guru



Dr Ch V V Ramana	BS&H	Member
Mrs. Mani G	IT	Member
Mrs Peddinti Harisha	ME	Member
Mrs Jyothi Goddu	IT	Member
Mr J Siddartha Varma	ECE	Member
Angajala Nikhil Chaitanya	ME	Member
Dr. P Lakshmana Rao	BS&H	Member
Ms G T L Priyanka	CE	Member
Mrs. Aruna Kumari	ECE	Member
Mrs. M Karuna	ECE	Member
Mr Chandra Sekharan Dinesh	IT	Member
Mrs. A Lakshmi Deepika	ECM	Member
Mr. Gouri Shankar Nayak	AI & DS	Member
Ms U ViswaRoshini	VIIT	Member
Dr Ismail Kakaravada	ME	Member
Dr Ch Gangu Naidu	BS&H	Member
Dr B Trinadha	EEE	Member
Dr Susant Kumar Sahu	ME	Member

## B. Brief mention of key functionaries at the IIC institute.

- President :**

**Dr Vallabhaneni Madhusudhana Rao** is fellow of Royal society, London. He has graduated from Osmania University and obtained both M. Tech and Ph.D. from IIT Banaras. He started his career from IIT Chennai in the year of 1988. In total he has 35 years of Research and Teaching and administrative experience. He guided 4 Ph.D.'s and 15 MTech's and 40 B. Tech projects. At present he is guiding 5 Ph.D. scholars. He has published and presented 40 research papers in international reputed journals and conferences in the field of Energy Engineering, Biofuels and Lithium-Ion Battery Technology. He has completed 10 research projects funded by various



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government agencies and industries. He visited countries like USA, UK, Mexico, Singapore and Bahrain. He is the fellow of Royal Society, London. Aswell Dr Rao is a recipient of Andhra Pradesh State Best Engineering College Principal award for the year of 2010. He is also fellow of IEEE, Indian Institute of Chemical Engineering and Indian Institute of Technical Education. His motto is "Converting an ordinary student into Extraordinary world class professional"

- **Convenor:**

Dr. Sudhakar Jyothula completed his Ph. D from Jawaharlal Nehru Technological University Kakinada, Andhra Pradesh, India. He did his Masters from JNTUH in VLSI system design. He published more than 30 papers in referred National / International Journals. He presented his work in 25 International conferences in India and abroad. Department of Science and Technology, INDIA sanctioned a research project under SERB-ECRA scheme. At present he is working as principal at Vignans' Institute of information Technology, Visakhapatnam.

- **External Member:**

Mr. Malleswara Rao V Anupojuis designated as Asst. Director at STPI , Ministry of Communication & Information Technology , Govt. Of India, an autonomous body under the Ministry of Electronics & Information Technology (MEITY), Government of India, as Head & Officer-in- Charge of the center and Nodal Officer (Andhra Pradesh)-IBPS for the growth and development of IT & ITES industry in Visakhapatnam. Also, Mentor-at-large for Medivalley, AMTZ to nurture the startups on HealthTech using Emerging Technologies.

He initiated and set-up in domain and root server in Country. He was also actively contributed in the progress of IT/ITESs Industry during his earlier postings in Delhi, Bhubaneswar, Kolkata, Noida and Gurgaon (National Capital Region). He was instrumental in setting up of STPI centers in Pune, Mumbai, Indore, Mohali, Jaipur, Srinagar including north eastern regions Guwahati etc.

His recent contribution is to creating a special interest group for Industry-Academia interface and creating a Domain Specific Innovation and Incubation Center for ITITES on Smart-Maritime, Smart-city, Power, Petroleum, HealthTECH and Fintech with Technology driven innovation in emerging technologies. He has written more than 30 International research papers including presenting the research papers in the international conference / Journals in the theme area of "SMEs (IT & ITES) impact in the Global Economy". His Recent, in the "Domain Specific Innovation", his paper/working model were deliberated/presented in international forum at US, Australia, South Korea, Iran, Vietnam, including India. He is very instrumental in bringing investments to Andhra Pradesh region for setting up of new BPO units in Andhra Pradesh with 14692 Seats allotted to Andhra Pradesh No.1 state in the roster through India BPO Promotion Scheme with projected direct employment of 44,000 and indirect employment of 1,75,000. Presently working on Startup ecosystem for providing growth to the MSME and startup Units.

Faculty Coordinators:



Name of the Member	Position in IIC
Dr. T. Archana Acharya	Innovation activity Coordinator
Dr K Srinivasa Naik	Startup activity Coordinator
Dr. Ch. Bharat Kumar	IPR Cell Coordinator
Dr. P Santosh	Social Media Coordinator
Dr. Ch. Hari Govind Rao	NIRF Coordinator
Dr B Prasad	Internship activity Coordinator
Mr. Sampath Dakshina Murthy Achanta	ARIIA Coordinator
Mr Mohan Mohanty	Member
Dr. Girish Bhiogade	Member
Mrs. Mani G	Member
Dr G Narasimha Rao	Member
Mr M Srinu	Member
MrsPeddintiHarisha	Member
Dr Ch V V Ramana	Member
Mrs Jyothi Goddu	Member
Mr J Siddartha Varma	Member
Angajala Nikhil Chaitanya	Member
Dr. P Lakshmana Rao	Member
Ms G T L Priyanka	Member
Mrs. Aruna Kumari	Member
Mrs. M Karuna	Member
Mr Chandra Sekharan Dinesh	Member
Mrs. A Lakshmi Deepika	Member
Mr. Gouri Shankar Nayak	Member
Ms U ViswaRoshini	Member



Dr Ismail Kakaravada	Member
Dr Ch Gangu Naidu	Member
Dr B Trinadha	Member
Dr Susant Kumar Sahu	Member
Mr M Srinu	Member

External Members:

Name of the Member	Company	Designation
Mr. Malleswara Rao V Anupoju	STPI	Asst. Director at STPI, Ministry of Communication & Information Technology , Govt. Of India
Mr. G. Durga Prasad	Wells Fargo India	CEO, Investor
Mr. Srinivas Maddipati	EEVa IP & IT services pvt ltd	Managing Director
Mr C. Rama Krishna	Hinduja National Power Corporation	Head,Plant Maintenance, Member
Mr. S. Venkatesh	Electro-pro India	CEO, Startup/Alumni Entrepreneur

**C. Portfolio/ Graphical/ Tabular representation of Resource strength (Human capital and Physical capital) of the IIC Institution.**

Resources	Strength
<b>Human Capital</b>	
<b>Total No. of IIC Members</b>	35
<b>Total No. of IAs</b>	43
<b>Tech Gurus -Faculty Mentors</b>	04





	<b>Pre-Incubation Units, If any</b>	Yes, AICTE IDEA LAB
	<b>Incubation Units</b>	3
	<b>IP Facilitation Unit</b>	Yes, IPR CELL

D.

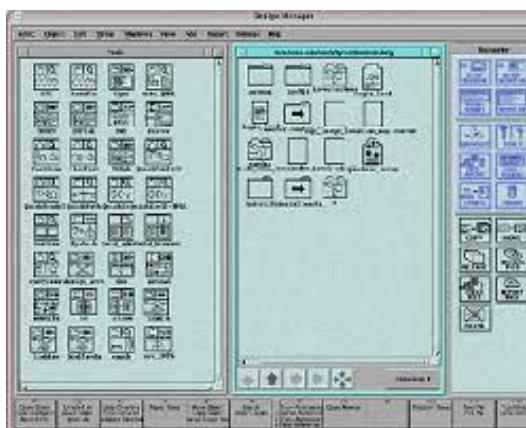
**A. Highlight facilities, Infrastructure of Pre-Incubation & Incubation kind and student bodies/ clubs engaged in promotion of innovation and Entrepreneurship in the campus**



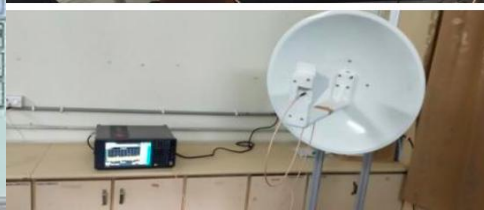
Pre-Incubation: AICTE IDEA LAB



Advanced Metal Forming Lab



Microwave & Antenna Lab

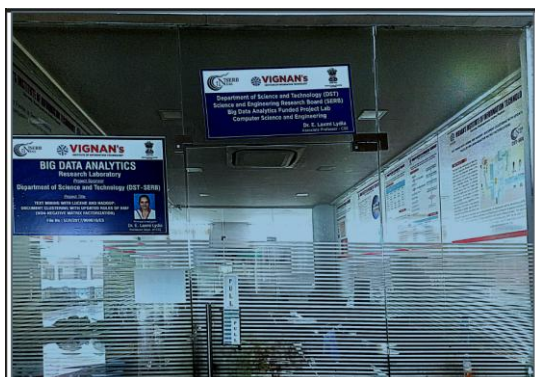


Advanced signal Processing lab



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Big data analytics lab



Thin film research lab

## B. Highlight Achievements (Narrative / graphical/ tabular representation)

Number and Different types of I&E and IPR activities Conducted:	
Number and Different types of I&E activities Conducted:	399
Number and Different types of IPR activities Conducted:	399
No. of students & faculty Innovation/ Prototypes developed	65
No. of IPs generated	50
No. of IPs Published	33
No. of IPs Granted	17
No of Student & Faculty Startups/Ventures established	03
No. of startups grant received	03
Amount spent on promotion and awareness generation on innovation entrepreneurship in the campus:	1201150
Amount grant or fund supported to student & faculty lead Innovations, startups and IPR:	1206980
No of Technology Transfer and Commercialization Happened	NIL





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**C. 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.**



A Sampath Dakshinamurthy - Young scientist award for Best innovative Project



I prize bagged at VISTA 2K23 on Engineers Day 2023

**D. Highlight selected best Innovations& Images with mentor of inventor/Innovation Name:**



**kasaya making machine**



**Solar Panel Cleaning Robot**



**Solar energy operated e-bicycle**





**Pedal operated washing machine**

E.

**E. Highlight selected start-ups established by students/ faculties with mention of founder/Cofounder.**

Name of the Startup	Name and contact details of the founders	About startup	Kind of support by HI
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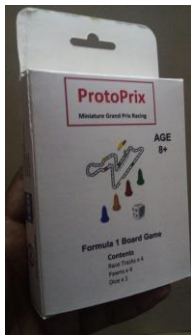
<p>IllumiSense</p> 	<p>Marrapu Likhitha - Founder Dr.A.Sampath Dakshina Murthy -CoFounder Polarouthu Akash- CoFounder&amp;Technical Engineer Gompa Sahasra- CoFounder Dr P.V.Charishma— CoFounder</p>	<p>ILLUMNISENSE is a revolutionary smart street lighting solution that combines advanced LED technology with hidden surveillance cameras. This innovative system not only illuminates the streets efficiently, but also enhances public safety through discreet monitoring.</p>	<p>Funding for Startup</p>
<p>Swap Dietetics Private limited</p> 	<p>Vikas Panda</p>	<p>4. Year of establishment: 2019 5. Year of Recognition by Startup/DPIIP: 2019 6. Startup/DPIIP Registration Number: DIPP45863 7. Amount/Funding received from any other organization/VC if any (In Rs): 0(Bootstrapped) 8. Name of the organization from which above funding is received if any: NA 9. FDI Investment received if any: NA 10. Year of FDI received if any: NA 11. Company's turnover (in Lakhs) in the last financial year: 2,23,11,621 ₹ 12. Startup / DPIIP Certificate copy received (Yes/No): Yes</p>	<p>Funding for Startup</p>



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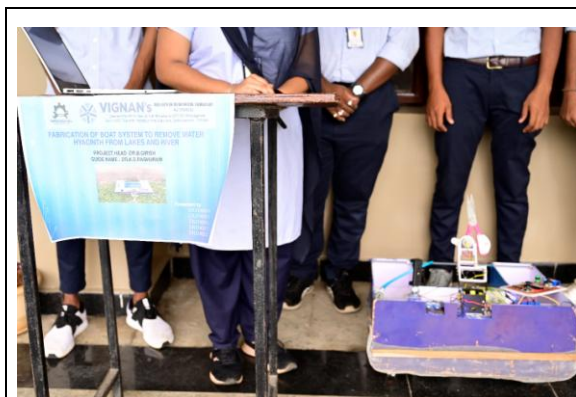
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<p>Namoon Enterprises Private Limited</p> 	<p>Angajala Nikhil Chaitanya <a href="mailto:nikhilc.freelance@gmail.com">nikhilc.freelance@gmail.com</a>; mob: 6281460704 Angajala Nagalakshmi, <a href="mailto:naga23.4lakshmi@gmail.com">naga23.4lakshmi@gmail.com</a>; mob: 8331904961</p>	<p>About Startup: Children Toys and Board Games manufacturing company with the brand name "Protoprix"</p>	<p>Concept development and prototype development</p>
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F.

**F. List if any break through Innovations/Technology Developed at the institute (2-3 Technology with 2-3 lines about technology and Innovation)**



**A boat for removal of water hyacinth from lakes and rivers**



**3D Printed Bionic Hand**

G.





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## G. Participation of IIC-Institute in various programs of central and stage Govt. Highlighting specially for the schemes or programs.

**NISP Adoption status**

**Trained Faculty:** Yes

**Policy formulation:** Yes

**Policy Implementation:** Yes

**Smart India Hackathon: Yes:210** teams consisting of 6 students each

## H. Details of social media & Connections of IIC Institute.

S No	Social media	Connection ID
1	Face book	<a href="https://www.facebook.com/profile.php?id=100094165417777">https://www.facebook.com/profile.php?id=100094165417777</a>
2	Twitter	<a href="https://twitter.com/vignaniit">https://twitter.com/vignaniit</a>
3	Instagram	<a href="https://www.instagram.com/vignan_viit_vizag?igsh=YW85bWJydDJuODd5&amp;utm_source=qr">https://www.instagram.com/vignan_viit_vizag?igsh=YW85bWJydDJuODd5&amp;utm_source=qr</a>
4	YouTube	<a href="https://www.youtube.com/@VignanVizagStudio">https://www.youtube.com/@VignanVizagStudio</a>
5	LinkedIn	<a href="https://www.linkedin.com/in/vignan-duvvada-254673294/">https://www.linkedin.com/in/vignan-duvvada-254673294/</a>

I.





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## J. Contact.

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