



**AVIT**  
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



**VINAYAKA MISSION'S  
RESEARCH FOUNDATION**  
(Deemed to be University under section 3 of the UGC Act 1956)



## INSTITUTION INNOVATION COUNCIL (IIC) – AVIT

<b>Any one social media Url Link</b> Facebook/Twitter/Instagram/LinkedIn	<a href="https://www.facebook.com/photo/?fbid=707066994880002&amp;set=a.561293142790722">https://www.facebook.com/photo/?fbid=707066994880002&amp;set=a.561293142790722</a>		
<b>Program Driven by</b> IIC Calendar Activity/ MIC Driven Activity/ Celebration Activity/Self driven activity	IIC Driven Activity		
<b>Event Title</b>	Session on “Process of Innovation Development, Technology Readiness Level (TRL); Commercialization of Lab Technologies & Tech-Transfer”		
<b>Resource Person</b>	Dr.L.Prabhu, Professor & Vice Principal (Admin.) , IIC President		
<b>Academic year</b>	2023 - 24	Date: 14.02.2024	
<b>Program Type</b> Level 1 - Expert Talk/ Exposure Visit/ Mentoring Session (2 to 4 Hours)  Level 2 – Conference / Exposure Visit / Seminar / Workshop (5 to 8 Hours)  Level 3 – Bootcamp/ Competition/ Demo Day/ Exhibition / Workshop (9 to 8 Hours)  Level 4 – Challenges/ Hackathon/ Tech Fest (Greater than 18 hours)	Level 1-Expert talk		
<b>Program Theme</b> IPR & Technology Transfer / Innovation & Design Thinking / Entrepreneurship & Start-up / Pre-Incubation & Incubation Management	IPR & Technology Transfer		
<b>Start date &amp; End Date</b> (DD/MM/YYYY)	14.02.2024	14.02.2024	
<b>Duration of the activity (in Mins) &amp; Start Time &amp; End Time</b>	Duration: 150 minutes	Start Time: 9.00 AM	End Time: 11.30 AM
<b>Participants</b>	Students: 76 students	Faculty: 04	External:
<b>Mode of session</b> (online / offline) * Online Video Url compulsory	Offline		
<b>Event Organizer / Coordinator</b> Faculty Name / Department / Designation	Dr. Swadhi B Asst. Professor G-II /Pharmaceutical IIC Coordinator		
<b>Expenditure</b>	NA		



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<p><b>Objective (100 letters only)</b></p>	<ul style="list-style-type: none"> <li>• Introduce the process of innovation development: Covering key stages from ideation to commercialization, emphasizing the importance of structured approaches, such as stage-gate models, in fostering innovation.</li> <li>• Explain the Technology Readiness Level (TRL) framework: To outline the scale used to assess the maturity of technologies, highlighting its role in gauging technological feasibility and guiding investment decisions.</li> <li>• Explore the commercialization journey of lab technologies and to discuss the challenges and strategies involved in transitioning lab-based innovations into viable commercial products or services, including market analysis, intellectual property protection, and funding avenues.</li> <li>• Highlight the significance of technology transfer and to illustrate the process of transferring research findings or technologies from academic or government institutions to industry partners or startups, showcasing its role in bridging the gap between research and commercialization.</li> <li>• Offer case studies and practical insights: Share real-world examples of successful innovation development, TRL progression, and tech-transfer endeavors, fostering a deeper understanding of the complexities and opportunities inherent in bringing laboratory technologies to market.</li> </ul>
<p><b>Benefits in terms of learning/skill/Knowledge obtained ( 150 letters only)</b></p>	<ul style="list-style-type: none"> <li>• Participants gain insights into the systematic steps involved in the development of innovations, from conception to market entry. This understanding helps them grasp the complexities and challenges of real-world innovation projects and Learning about Technology Readiness Levels (TRLs) provides participants with a framework for assessing the maturity of technologies.</li> <li>• This knowledge enables them to evaluate the feasibility and readiness of innovations for commercialization.</li> </ul>



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## **Report: One-page Write-Up (Justification required with respect to the theme):**

The session on Process of Innovation Development, Technology Readiness Level (TRL); Commercialization of Lab Technologies & Tech-Transfer was a highly informative and enlightening event held on 14/02/24 at GIEC that provided invaluable insights into the intricacies of bringing innovative ideas from the lab to the market.

The session featured expert speaker Dr.L.Prabhu (Professor & Vice Principal (Admin.) , IIC President) had shared his experiences and elucidated the systematic journey of innovation, emphasizing the importance of understanding TRLs in assessing technological maturity.

Attendees gained a comprehensive understanding of the commercialization process, encompassing market analysis, intellectual property considerations, and business model development.

Moreover, insights into technology transfer mechanisms, such as licensing agreements and spin-off ventures, equipped students with practical knowledge to facilitate the seamless transition of lab technologies into viable products or services.

The interdisciplinary nature of the lecture, featuring perspectives from science, engineering, and business, fostered a holistic understanding of innovation.

Networking opportunities further enriched the experience, enabling students to forge connections with industry professionals and entrepreneurs.

Overall, the guest lecture served as a source of inspiration and motivation, empowering students to navigate the complex landscape of innovation and entrepreneurship with confidence and purpose.

**Two Photographs**

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**EVENT BROCHURE**





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Cordially invites you all for the

**Expert Talk on**  
**Process of Innovation Development,  
Technology Readiness Level (TRL);  
Commercialization of Lab Technologies &  
Tech-Transfer**

14.02.2024

09.30 a.m

GIEC

**Resource Person**

**Dr. L. Prabhu**  
Prof., & Vice Principal (Admin.),  
IIC President



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**Organized by : Institution Innovation Council, AVIT**

**EVENT GALLERY**



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Chengalpattu, Tamil Nadu, India  
IT LAB, AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY, Tamil Nadu 603104, India  
Lat 12.658395°  
Long 80.180555°  
14/02/24 10:12 AM GMT +05:30



Chengalpattu, Tamil Nadu, India  
IT LAB, AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY, Tamil Nadu 603104, India  
Lat 12.65829°  
Long 80.180498°  
14/02/24 10:14 AM GMT +05:30

**List of Participants**





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**EXPERT TALK ON "PROCESS OF INNOVATION DEVELOPMENT, TECHNOLOGY  
READINESS LEVEL (TRL); COMMERCIALIZATION OF LAB TECHNOLOGIES &  
TECH-TRANSFER"**

Organized by: Institution Innovation Council, AVIT

Date: 14/02/2024

S.NO	REGISTRATION NUMBER	NAME	DEPARTMENT/ YEAR	SIGNATURE
1	3532210509	Nandhini A	BME/2 <sup>nd</sup> Year	Nandhini
2	3532210507	S. Hiraprasanna	BME/1 <sup>st</sup> year	S. Hirap.
3	3442220502	BEKASH BASFORE	MECH/3 <sup>rd</sup> year	Bekash
4	3442220507	A. Paramkumar	MECH/3 <sup>rd</sup> year	A. Paramk.
5	3442220512	VASANTH KUMAR J	MECH/3 <sup>rd</sup> year	V. K. J.
6	3442220510	SUSHAM MAL	MECH/3 <sup>rd</sup> year	Susham
7	3442010516	Udhayam. K	MECH/4 <sup>th</sup> year	K. Udhayam
8	3442210518	R. VIGNESH	Mech/1 <sup>st</sup> year	R. Vignesh
9	3442010515	S. Thasankumar	Mech/1 <sup>st</sup> year	S. Thasankumar
10	3462254501	AKHIL NATHI	EEE/1 <sup>st</sup> year	Akhil
11	3462015515	Prabhudev	EEE/1 <sup>st</sup> year	Prabhudev
12	3462110503	KESHAV KUMAR	EEE/1 <sup>st</sup> year	Keshav Kumar
13	3462110504	MITHUN KUMAR	EEE/1 <sup>st</sup> year	Mithun K.
14	3462220502	B.A. Jaganishu	EEE/1 <sup>st</sup> year	B.A. Jaganishu
15	3472210512	PHASHA VARDHAN	BE(ECE) 1 <sup>st</sup> year	P. Phasha
16	3472210502	K. ARULRAJ	BE(ECE) 1 <sup>st</sup> year	K. Arulraj
17	362220501	Durai Raj	BE (ECE) 1 <sup>st</sup> year	Durai Raj
18	3812210503	AMIT KUMAR	BE(BIOTECH)	Amit Kumar
18	3812210502	VINOD KUMAR	11	Vinod Kumar



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17	3472240513	S. Sachin	BE(ECE) 2 <sup>nd</sup> year	
18	3532210505	M. Chumalai	B.E(BME) 2 <sup>nd</sup> year	
19	3532210506	D. Gouthandaraman	B.E (CSE) 2 <sup>nd</sup> year	
20	3692210504	S. G. Prathin	B.E. Pharmacy 2 <sup>nd</sup> year	
21	3692210502	M. RAJITHA KANAK	BE Pharmacy 3 <sup>rd</sup> year	
22	3472210510	M. Sathya Naidu	BE ECE 2 <sup>nd</sup> year	
23	3472210509	Murukh Manoj	BE ECE 2 <sup>nd</sup> year	
24	3702310516	CL. Pancha Ranga Reddy	BE (CSE/AIML) 3 <sup>rd</sup> year	
25	3462310502	R. RAJESH	BE - ECE 2 <sup>nd</sup> year	
26	3462310504	V. Sathya	BE - ECE - 2 <sup>nd</sup> year	
27	3532210519	M. Vel Murugan	BE(BME) 2 <sup>nd</sup> year	
28	3692110515	Shayib Ahmad	BE Pharmacy 2 <sup>nd</sup> year	
29	3692110514	Sayeedh Jinnah	11	
30	3692210505	Raushan Kumar	B.E - Pharmacy 2 <sup>nd</sup> year	
31	3602110523	P. Anupriya	BE (CSE-CS)	
32	3702310529	G. Hemavardhan	BE (CSE-AIML)	
33	3702310528	G. Harsha vardhan	BE (CSE-AIML)	





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34.	3702310512	K.V.S. - V. K. Srinivas Reddy	BE CSE 10th 1st year	K. Srinivas Reddy
35.	3702310510	B. Manoj CSE	BE CSE 10th 2nd year	B. Manoj
36	9661332622	B. Sridharan	BE - EEE 2nd year / EEE	B. Sridharan
37	3592110504	A. Kavya	BE - ITDS 2nd year / ITDS	A. Kavya
38	3502310573	Suresh - Kumar	BE (CSE) 2nd year / ITDS	Suresh
39.	3502310576	Tejaswi kr.	BE (CSE) 1st year / 2nd year	Tejaswi
40	3602110505	S. Anurag	BE (CSE) 2nd year / ITDS	S. Anurag
41	3502310574	Sudej Kumar	BE (CSE) 1st year / 2nd year	Sudej Kumar
42	3502310571	Srinivas - G	BE (CSE) 2nd year	Srinivas
43	3702310582	SIVA Kishor	BE (CSE) 1st year / 2nd year	Siva
44	3604110506	B. Harsharan	BE / CS III - year	B. Harsharan
45	3592110504	Dinesh	BE / ITDS III - year	Dinesh
46	3604110507	Anurag	BE / CS III - year	Anurag
47	3602110519	Danish	BE / CS III - year	Danish
48	3592110515	Renalatha T	BE AIIDS III - year	Renalatha
49	3592220501	D. Kamali	BE AIIDS III - year	D. Kamali
50	3592110501	Ahyan - N	BE AIIDS III - year	Ahyan



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51.	3592110530	Sowmiya M	B.E - AIDS II-V	M
52.	3592110527	Polithi k	3 <sup>rd</sup> AIDS	Polithi k
53.	3592110514	Hansha Vanthana R	3 <sup>rd</sup> AIDS	Han Vanthana
54.	3592110520	Vasanthi M	3 <sup>rd</sup> AIDS	Vasanthi M
55.	3592110528	Polithi P	3 <sup>rd</sup> AIDS	Polithi P
56.	3502310572	Rugandha Kumari	BE - C&E (Uty)	Rugandha Kumari
57.	3502310569	R.S. Shreya	BE - C&E (Uty)	Shreya
58.	3592110522	M. Aravind	BE - AIDS 3 <sup>rd</sup>	Aravind
59.	3592110518	K. Santhosh	3 <sup>rd</sup> AIDS	Santhosh
60.	3592110506	D. Varshma Devi	3 <sup>rd</sup> AIDS	D. Varshma
61.	3602110512	Karthik Fatma	2 <sup>nd</sup> yr - BE - C&E - G	Karthik Fatma
62.	3812210508	Bipin Kumar	2 <sup>nd</sup> yr Biotech	Bipin Kumar
63.	3812210505	Ashu Kumar	2 <sup>nd</sup> yr Biotech	Ashu Kumar
64.	3592110505	B. Chandu	3 <sup>rd</sup> AIDS	B. Chandu
65.	3592110512	Gangadhar Vithal Kumar	B. AIDS	Gangadhar
66.	3592110516	S. Jai Sreya	3 <sup>rd</sup> AIDS	S. Jai Sreya
67.	3602220502	Jothiga S L	3 <sup>rd</sup> yr cyber	Jothiga S L
68.	3602110506	Haniprasath M	3 <sup>rd</sup> yr cyber	Haniprasath M
69.	3602110507	Haniprasath S A	3 <sup>rd</sup> yr cyber	Haniprasath S A
70.	3602110524	Vamsitharan D	3 <sup>rd</sup> yr cyber	Vamsitharan D
71.	3602110509	James Newton	"	James Newton
72.	3602110516	Naufal Mohamed	"	Naufal Mohamed
73.	3602110517	Abdul Rahim	"	Abdul Rahim
74.	3602110521	Sajith	"	Sajith
75.	3602110515	Mohammed Anas	"	Mohammed Anas
76.	3602110513	Mageth	"	Mageth