

Year	Name of the workshop/ seminar	Number of Participants	Date From - To
2020-21	Entrepreneurship: "First Generation Entrepreneur" by Shri Vijay Bibikar - Founder of Labindia	70	06-Nov-20
2020-21	Research Methodology: "Multi Robot Systems for Surveillance Application" by Dr. Aseem Borkar Post-doctoral research associate at the Coordinated Science Laboratory, University of Illinois at Urbana-Champaign, USA	70	28-Oct-20
2019-20	Research Methodology: "DESIGN THINKING" ATAL FDP conducted by First year department	200	07-Dec-20 to 11-Dec-20
2019-20	Entrepreneurship: "Our Journey from Projects to Prototypes to Products"	54	15-Jun-20
2019-20	Entrepreneurship: "What goes behind turning your idea into a product"	49	05-Jun-20

"First Generation Entrepreneur"

By Shri Vijay Bibikar - Founder of Labindia

Online lecture held on

6th November 2020, 5.30 p. m

"Labindia Instruments-Where commitment is a culture "having three divisions Nano Bio Process, Bioscience, Petroleum and is proud to represent a number of world-class principals in India catering to above three fields. Every company we represent is known for being a technology leader in the markets they serve. Labindia Instruments provides all the sales, marketing, and service expertise for our principals. Shri Vijay Bibikar one of the founder directors of the company in his lecture gave how his ambition to start something of his own has expanded to a big organization catering to diversified fields.

Perseverance along with technical expertise is what propels his organization to greater heights

Introduction

About Shri Vijay Bibikar:

Shri Vijay Bibikar has done Msc. Physics with specialisation in Electronics from Ruia College, Mumbai. His ambition had always been to start his own business, gradually with hard work and persistence to learn and expand into new fields he has been able to successfully lead a business. His journey started from Eltech Corporation, Mumbai as a sales and service engineer for Analytical instruments manufactured by PerkinElmer USA. Hereon he gained immense knowledge and with the help of his partners from the same firm he built his own business in the year 1980.

The start

Lab India Instruments Private Limited was started and this the first step towards the diversified market. The company became the market leader. In the year 1999, Leica awarded them agency for their entire range of microscope. They also got other agencies like from reputed manufacturers of Raman Spectrometers, online Chromatograph, various laboratory instruments like centrifuges, Shakers, deep freeze.

Sales and Service Business

Shri. Bibikar feels that, to be successful in Servicing business one need to have basic analytical skills, technical knowledge, problem solving skills and most importantly common sense. He has taken an example of handling of optical components in instruments and importance of common sense in handling optical instruments. For sales business, sound technical knowledge and providing complete solution with all consumables will help. According to Shri Bibikar building trust is very important in sales and service business. For building trust in Indian scenario it is better to provide maintenance contracts like AMC or Comprehensive maintenance. For timely service it is better to keep a set of spares in the nearest sales/service office will help in attending issues effectively. In Sir's view servicing may not be as profitable as sales but it can support more business and sales.

Finance

Starting something of his own was always a dream. To reduce the initial investment the company started as a service business. To make it Indian the name Labindia is also chosen. Later when more business started to come it got expanded to sales and later manufacturing. Expansion is intentionally done in diverse fields to accommodate market shrinks which can happen if it is only one product. But for starting something new technical knowledge of the field is essential along with money. Mr Bibikar feels their success is due to their deep knowledge in the field and their readiness to invest in training. He also feels that trust and follow up is very important in the type of business they are in. According to him the strategy is different for different types of products

Inspiration in Business

Spark to do something on his own was inside him since student life. With support of parents started the business along with friends. He was always inspired by Tatas for considering employees as important as customers. According to Sir, one should acquire trust of employees as well as customers. Sometimes we have to build goodwill and trust without considering financial gain. One should always search for multiple ways and innovative solutions for success in business.

Histopathology Instrument

Sir gave an elaborate explanation about the new instrument histopathology instruments which is a new venture of Labindia Healthcare. It is an instrument for microscopic examination of tissue in order to study the manifestation of disease. - especially cancer. This manifestation is done by the surgeon to check whether the neighboring tissues are affected by the disease. Various parts of the setup and its organization is explained by Shri Bibikar

Collaborations and Govt. Regulations

Any instrument to be launched in the market require registration with Govt organizations. For healthcare instruments registration with Central Drug Controller Agency is required. Regular calibration is required to ensure accurate working of instrument. For international collaborations interested companies should visit international exhibitions and show interest in starting Agency/Dealership.

Conclusion

In Mr. Bibikar's words, from humble beginning Labindia has reached the heights of today through hard work, patience and perseverance. The mission of the company is Help Customer by providing complete solution for their need. They believe in "total Customer Satisfaction"

Compiled by –Prof. Geetha Narayanan, Dr. Jitendra Toravi, Dr. Gajanan Nagare and Prof. Jay Bhat of Vidyalankar Institute of Technology.



Dr. Jitendra Toravi

Key Take Away- A first generation entrepreneur

Abstract: Shri Vijay Bibikar has taken a session on "A first generation entrepreneur" on 06th November 2020 in online mode for Vidyalankar group of Institutions. He shared his journey of success in the area of Analytical Instruments. He shared his life experience while growing from single instrument to variety of instruments. His key success was through the customer satisfaction & quick response for servicing.

The key points which were discussed during his lecture are presented here.

Success Mantra: Understand the Customer requirement and Technology for complete satisfaction.

Marketing Strategy: Quick response, Low cost solutions, keep words, free service to students who recommended LabIndia product & sales and Service positions to technical candidate

Hurdles & remedies: launch variety of instruments in order to safeguard the recession in any of the field. LabIndia has four different product lines to overcome such situations

Expansion & Control: To maintain the interest of business partners, Lab India has four product lines and individual heads to control & focus on the individuals.

Guru Mantra for upcoming Entrepreneurs: Start with dealership or distributorship and Indianize the product with associated tie-up. Calibration must be taken care for accuracy & timely maintenance.

New Areas for upcoming Entrepreneurs: Consumables, Hospital Managements, Analytical Instruments, and Diagnostic Instruments.

Association with VIT, Mumbai: Showed interest in onsite Internship cum training to Biomedical Engineering Students.

Critic Report by

Gajanan D. Nagare

“Multi Robot Systems for Surveillance Application”

by Dr. Aseem Borkar

Post-doctoral research associate at the Coordinated Science Laboratory
University of Illinois at Urbana-Champaign, USA

Online lecture held on
28 October 2020, 7.30 p.m

Introduction

Robotics is an evergreen field where a new possibility and application is always coming up. Collaborative robots are built to work together for many applications ranging from Surveillance to Medical applications. Our expert speaker shared his research in the area of collaborative robots and insight about the various control strategies adopted for controlling them.

The informative talk covered the design and implementation of path planning and guidance strategies for aerial surveillance using unmanned aerial vehicles (UAVs).

The focus of this talk featured two applications:

- Target monitoring
- Area surveillance.

Target monitoring

Target monitoring is when a team of UAVs follow and observe a particular target or group of targets. The main task is to carry out area surveillance using Lissajous curves.

The objectives were:

- Repeated collision free surveillance of rectangular area with a multi agent (ground robots) on Lissajous curves.
- Online reconfiguration strategies for this formation for agent addition, removal and replacement.

Area surveillance

Area surveillance is when the team of UAVs continuously patrols a given area and tries to make sure the entire area is repeatedly observed over time.

The objectives was

To track stationary and moving Targets .

Key Strategy

The strategies used in these projects were:

- Target Centric Cyclic Pursuits: For single target.
- Vector field based Guidance: For single Target or Convoy of Targets.

As the motive behind these projects he gave insights on:

- Complete and periodic area coverage
- Collision free patrolling with agents (Drones or Aircrafts) having non zero size.
- Finite time detection for rogue element

Emphasis on knowing fundamentals

About the project which he worked on, he made special mention of how the knowledge of fundamental concepts and tools helped him build successful projects

1. Basic Mathematics behind Lissajous curves generalization of circle.
2. Benefits of Lissajous curves for multistage coverage.
 - Trailing agents on the Lissajous curves.
 - Elliptical formation of surveilling agents
3. Summary of theoretical results with analysis
4. Algorithm for implementation
5. Simulation results

Knowledge of relevant tools for building the project

1. ROS (Robot Operating System) the open source system was used for for multi robot experiments. It has numerous advantages for such projects.
2. ROS-Gazebo software In-the-Loop simulator which supports scaling and we can also simulate sensors.

Real life Applications

He gave examples of where these drones are used:

- Military surveillance
- Animal tracking
- Special species tracking
- Search and Rescue
- Geo tracking

It was an informative session and a true example of how passion can be converted into a profession.

Report prepared by Prof. Uma Jaishankar & Prof. Avinash Shrivastava



Prof. Avinash Shrivastava



All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-

110070 Website: www.aicte-india.org



AICTE Training and Learning (ATAL) Academy, (Online FDP)

Date: 12.11.2020.

To
The Director / Principal,
Vidyalankar Institute of Technology,
Vidyalankar Educational Campus, Vidyalankar College Rd,
Wadala East, Deen Bandhu Nagar,
Antop Hill, Mumbai, Maharashtra 400037

Sub: Release of a sum of Rs 93,000 /- for AICTE Training and Learning (ATAL) Academy programme Online FDP of Nine Thrust Areas and Other Emerging Areas.

Sir,

This is to convey the sanction of the Council for payment of Rs. 93,000 /- (Rupees Ninety –Three Thousand Only) for conduct of online AICTE Training And Learning (ATAL) Academy Programme (Design Thinking) to Vidyalankar Institute of Technology, Vidyalankar Educational Campus, Vidyalankar College Rd, Wadala East, Deen Bandhu Nagar, Antop Hill, Mumbai, Maharashtra 400037 under AICTE Training And Learning (ATAL) Academy.

This fund is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

The instructions/guidelines to be followed by University/Institution

I. Release of funds and maintenance of accounts

- The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.
- The cost for conducting per programme will be Rs. 93,000/- as per detail given as under:

1.	Honorarium for Director	Rs. 10,000/-
2.	Honorarium to Co-ordinator Rs.2000/- per day x 5 days	Rs. 10,000/-
3.	Honorarium for experts (Rs.3000 per session for total 14 session)	Rs. 42,000/-
4.	Provision for payment to Lab Attendant engaged during lab practices	Rs. 1000/-
5.	Institutional charges	Rs. 15,000/-
6.	Miscellaneous charges	Rs. 15,000/-
	TOTAL =	Rs. 93,000/-

Programmes having permission to change amounts under different heads with overall ceiling of Rs 0.93 lakh being intact.

- The grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma to be submitted by the University/College/Institution. Further, the accounts of the institute will be open for test check by the Council or Controller & Auditor General of India or any other officer designated by them.

II. Disbursement of funds to institution

The full amount of the grant sanctioned will be released as an advance to the University/Institute through electronic transfer on the account of the University/Institute after submission of mandate form

III. Conduct of test and issuance of certificate

- A test shall be conducted by coordinator at the end of the program.
- The certificates shall be issued to those participants who have attended the program with minimum 80% of attendance and scored minimum 60% marks in the test.

IV. Submission of documents by university/institution

- a. The following mandatory relevant documents are required to be submitted by the university/institution within one month of the completion of the program: -
 - (i) List of candidates who have successfully completed the program on the basis of the test conducted by Program Coordinator.
 - (ii) A program completion report along with photographs, videos, media report is to send after the completion of workshop along with the list of participants and Utilization Certificate, Expenditure Statement and feedback form etc. within one month of conduct of **AICTE Training and Learning (ATAL) Academy programme**.
- b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall to adjust.

V. General Instructions

- a. **Maximum 200 participants** may be allowed to attend online FDP on a first come first serve basis however AICTE officials may be allowed to attend over and above 200 number. Coordinators are free to admit less number of participants depending on the feasibility.
- b. A test has to be conducted (may be online) on the last day and those who score more than 60% will be termed as successful candidates. Those who have attendance 80% or more and also score more than 60% in the test will be issued a digital certificate.
- c. These online sessions are to be recorded as the facility is available on the software which is being used for online delivery of FDP. You are also requested to share recording of sessions with AICTE.
- d. **Eligibility for Participants:**
 - (i) The faculty members of the AICTE approved institutions, research scholars, PG, Scholars, participants from Government, Industry (Bureaucrats/ Technicians/ Participants from Industry etc.) and staff of host institutions.
 - (ii) Not more than 30% from Host Institution
- e. If programme is not conducted in the year 2020 only, the released amount, along with interest accrued thereon, has to be returned back to AICTE.
- f. Any extra money required to complete the programme must be borne by the institute from their own resources but the quality of the activities should not be compromised.
- g. FDP title name, name of coordinator, institute name is not allowed to change without permission.

This Sanction Order may be treated as Offer Letter for all purposes.

Yours sincerely,



(Regional Officer & Member Secretary)
WRO, Mumbai, AICTE

Copy forwarded for information and necessary action to: -

1. **Coordinator ATAL Programme - Ambadas Deshmukh**
2. **ATAL Academy Cell AICTE HQ**
3. **Guard File**

Vidyalankar Institute of Technology

Wadala (E), Mumbai 400037

Duplicate Receipt

Date : November 26, 2020

Receipt No. : 586883

Name : AICTE WESTERN WESTERN REGIONAL OFFICE

Sr. No.	Particulars	Amount
1	ATAL FDP ON DESIGN THINKING	₹ 93,000.00
Total Fees		₹ 93,000.00

Received ₹ **Ninety Three Thousand Only** by NEFT no. NEFT:MEMBER SEC WESTERN REGIONAL:S

Accounts Executive

ATAL FDP ON DESIGN THINKING- FROM 07.11.2020-PROF. AMBADAS DESHMUKH.

Date: 26 November 2020


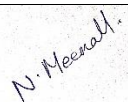
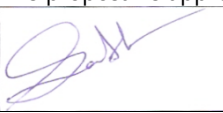
First Year Engineering Department is organizing an online Faculty Development Program on “**Design Thinking**” under the aegis of **ATAL - AICTE Training And Learning (ATAL) Academy**. The proposal was submitted to AICTE on 14 March 2020. Intimation of approval of proposal from ATAL was received on 15 October. Details are given below:

Abstract: Design Thinking is a human-centred approach to problem solving that begins with developing empathy for the end-user. Many successful businesses embrace design thinking to improve their products and enhance their customers' experiences to great effect.

Objective: The objective of the FDP is to explore how to integrate Design Thinking in education. Organizing quality academic training programs can bring in creative thinking, innovation and positive change among faculty involved in the domain of higher education.

Outcome: The FDP will benefit approximately 200 faculty. It will be a good opportunity to listen to the ideas of experts from the domain of design from eminent academic institutions and industries.

1	Convener of the event	Prof. Sonaali Borkar (Convener) Prof. Meenakshi Nandula (Co-Convener & Coordinator) Prof. Ambadas Deshmukh (Coordinator for ATAL)	<input type="checkbox"/>
2	Title of event	ATAL FDP on Design Thinking	<input type="checkbox"/>
3	Speakers/Guests (tentative)	<ol style="list-style-type: none"> 1. Dr. Maiga Chang (Full Professor, Athabasca Univ, Canada) 2. Dr. Yogesh Tadwalkar (Project Director of Human Factors International, Singapore) 3. Dr. Bala Ramadurai (Prof. at NPTEL) 4. Dr. Anita Diwakar (Educational Technology Expert-IITB, Technical Consultant) 5. Ms. Indira Basu (Head – LS Design Lab at TCS) 6. Mr. Sanjay Nayak (LS – The Design Lab, TCS) 7. Mr. Ajay Aggarwal (Design Thinking Practice Lead, KPMG) 8. Ms. Neetu Chakravorty (Learning Lead, Asset and Wealth Management, J P Morgan) 9. Mr. Kalpak Chavan (Design Thinking Coach, Business Analyst Team Lead, BNP Paribas) 	<input type="checkbox"/>
4	Target audience with approximate number, outside participants expected? If yes, give details.	200 Faculty from all across India (not more than 30% faculty from VIT)	<input type="checkbox"/>
5	Date & Time (give detailed plan on separate sheet for bigger event)	7 th December to 11 th December 2020 3 sessions per day (duration of each session is 1 hour 30 minutes)*	<input type="checkbox"/>
6	Venue/Online (with platform)	GoToWebinar	<input type="checkbox"/>
7	Floor i/c for the event	--	<input type="checkbox"/>
8	Any special requirements	<p>The sanctioned grant will be released by AICTE in advance. Advance of Rs. 6000* is requested to purchase appropriate Meeting software which will support adequate number of participants and the specific requirements of AICTE.</p> <p>Cisco Webex Meeting Center – Education Plan 5000.00 + GST of 18% for room capacity of 300 participants.</p>	<input type="checkbox"/>

9	Remarks & endorsement by higher Authority	 Sonaali Borkar In-Charge, First Year Engineering	 Meenakshi Nandula DAO, First Year Engineering	<input type="checkbox"/>
10	Academic Activity – Approval by CAO	This proposal is approved from CAO office.		<input type="checkbox"/>
				
11	Total expenditure expected (give details on separately)	93000/- Sanctioned by AICTE**		<input type="checkbox"/>
12	Outside funding, if any, and funding Amt	--		<input type="checkbox"/>
	Remarks by COO			<input type="checkbox"/>
	Final approval by COO			<input type="checkbox"/>
	Forwarded to Director, VDT for budget approval			

*Need for new Meeting Software

Maximum number of participants permitted in MS Teams is 250. Also, as confirmed by Systems Administrator, attendance list cannot be generated when participation using outside email ids is there. AICTE is particular about attendance of the participants in the FDP and has stipulated that final certification is only possible by AICTE if participants have minimum 80% attendance.

AICTE has suggested Google Meet/WebEx/MS Teams/ Go to Webinar etc. for smooth conduct of online FDP, and also mentioned that we may explore any other available software. However, they have denied permission to consider ZOOM Meeting software. After a comparative analysis of the various meeting software, the Systems Administrator has suggested **Cisco Webex** (for upto 300 participants) as a viable option.

*Number of Participants

Registration for the FDP is through ATAL portal. Maximum 200 participants may be allowed to attend the online FDP on a first come first serve basis. In case the number of applicants interested in participating in our FDP goes beyond 200, special permission may be sought and granted by AICTE to permit more number of participants (in addition to the stipulated 200). It will be a privilege to be granted such special permissions. The final number of participants will be clear by 3rd December 2020.

** Detailed Schedule

ATAL FDP: – Design Thinking

Date/ Time	10.00 AM -11.30 AM	11.30 AM-12.00 PM	12.00 PM-13.30 PM	13:30 PM-14.30 PM	14.30 PM-16.00 PM
07.12.2020, Monday	Session 1: Inaugural Session (Keynote Address), Introduction & Welcome	Session Break	Session 2: (Awaiting Confirmation) Design Thinking for Educators	Session Break	Session 3: Introduction to Design Thinking: Real life applications Prof. Bala Ramadurai (Prof. at NPTEL)

Date/ Time	10.00 AM -11.30 AM	11.30 AM-12.00 PM	12.00 PM-13.30 PM	13:30 PM-14.30 PM	14.30 PM-16.00 PM
08.12.2020, Tuesday	Session 4: Introduction to Design Thinking: Empathize with your users Prof. Bala Ramadurai (Prof. at NPTEL)		Session 5: Introduction to Design Thinking: Analyze to unearth latent needs Prof. Bala Ramadurai (Prof. at NPTEL)		Session 6: <i>(Awaiting Final Topic)</i> Ms. Indira Basu (Head – LS Design Lab at TCS)
09.12.2020, Wednesday	Session 7: Creative Thinking Process Ms. Neetu Jetly (VP, L&D JP Morgan Chase)		Session 8: <i>(Awaiting Final Topic)</i> Ms. Indira Basu (Head – LS Design Lab at TCS)		Session 9: Storyboarding, Storytelling Mr. Kalpak Chavan (Design Thinking Coach, Business Analyst Team Lead, BNP Paribas)
10.12.2020, Thursday	Session 10: Commercializing Design Mr. Ajay Aggarwal (Design Thinking Practice Lead, KPMG)		Session 11: <i>(Awaiting confirmation)</i> Mr. Yogesh Tadwalkar, (MD, Mind Lens Worldwide Pte Ltd, Singapore)		Session 12: Design of effective Virtual lab experiments for engineering education. Dr. Anita Diwakar (Educational Technology Expert-IITB, Technical Consultant)
11.12.2020, Friday	Session 13: Game-based learning in Design Thinking Dr. Maiga Chang (Full Professor, Athabasca Univ, Canada)		Session 14: <i>(Awaiting Final Topic)</i> Mr. Sanjay Nayak (LS – The Design Lab, TCS)		Session 15: Wellness Program Vote of Thanks, Feedback and Examination

***** Detailed Budget**



1)	Honorarium for Director	Rs. 10,000/-
2)	Honorarium to Co-ordinator (Rs. 2000/- per day x 5 days)	Rs. 10,000/-
3)	Honorarium for experts (Rs. 3000 per session for total 14 session)	Rs. 42,000/-
4)	Provision for payment to Lab Attendant engaged during lab practices	Rs. 1000/-
5)	Institutional charges	Rs. 15,000/-
6)	Miscellaneous charges	Rs. 15,000/-
	TOTAL	Rs. 93,000/-

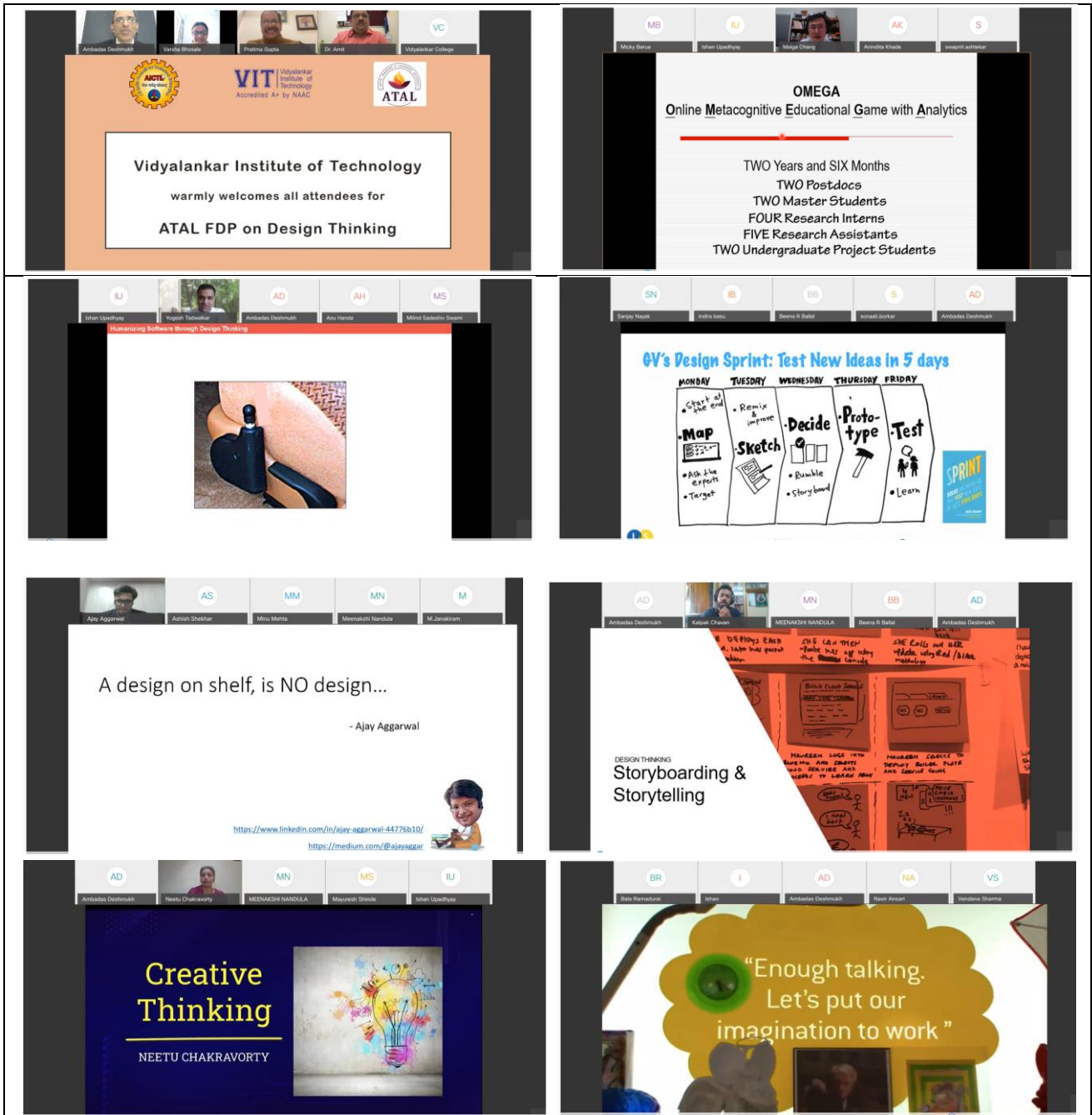
Expenditure details

Credits		Expenditure	
Sanctioned by ATAL	93000	Remuneration	
Institute Contribution		Travel	

			Memento	
			Food	
	Total			Total

1.	Title of Activity	One Week Faculty Development Program		
2.	Topic	Design Thinking		
3.	Dates	07 -11 December 2020		
4.	Duration	Session 1: 10:00 AM to 11:30 AM Session 2: 12:00 PM to 01:30 PM Session 3: 02:30 PM to 04:00 PM		
5.	Number of Sessions	Inaugural Session 14 sessions Valedictory Session: 04:00 PM to 05:00 PM, Total 16 Sessions		
6.	Program Objectives	The objective of the FDP was to explore how to integrate Design Thinking in education. Organizing quality academic training programs can bring in creative thinking, innovation and positive change among faculty involved in the domain of higher education.		
7.	Purpose	The intended purpose of the FDP was to: <ul style="list-style-type: none"> • Enable faculty to gain knowledge of Design Thinking • To facilitate problem solving skills in their teaching strategies • To help faculty gain the knowledge of utility of various techniques of creativity, innovation and success. 		
8.	Outcome	<ul style="list-style-type: none"> • Exposure to international level speakers • People from industry and eminent institutions shared application-based knowledge on Design Thinking 		
9.	Sessions Conducted			
	Date/ Time	10.00 AM -11.30 AM	12.00 PM-01.30 PM	02.30 PM-04.00 PM
	07.12.2020 Monday	Session 1: Inaugural Session, Introduction to FDP & Welcome Address Chief Guest: Dr. Giridhari Lal Garg Assistant Director, ATAL Academy CELL AICTE HQ	Session 2: Keynote Address Mr. Arun Raman Chief Intelligence Officer at GREY Group India	Session 3: Introduction to Design Thinking: Real life applications Dr. Bala Ramadurai (Prof. at NPTEL)
	08.12.2020 Tuesday	Session 4: Introduction to Design Thinking: Empathize with your users Dr. Bala Ramadurai (Prof. at NPTEL)	Session 5: Introduction to Design Thinking: Analyze to unearth latent needs Dr. Bala Ramadurai (Prof. at NPTEL)	Session 6: Lateral Thinking using de Bono's Six Thinking Hats Ms. Indira Basu (Head – LS Design Lab at TCS)
	09.12.2020 Wednesday	Session 7: Creative Thinking Process Ms. Neetu Chakravorty (Learning Lead, Asset & Wealth Management, JP Morgan)	Session 8: User Immersion Ms. Indira Basu (Head – LS Design Lab at TCS)	Session 9: Storyboarding, Storytelling Mr. Kalpak Chavan (Design Thinking Coach, Business Analyst Team Lead, BNP Paribas)

	10.12.2020 Thursday	Session 10: <i>Commercializing Design</i> Mr. Ajay Aggarwal (Design Thinking Practice Lead, KPMG)	Session 11: <i>Design of effective Virtual lab experiments for Engineering education</i> Dr. Anita Diwakar (Educational Technology Expert-IITB, Technical Consultant)	Session 12: <i>Wellness Program</i> Dr. Omkar Mate (Consultant Neuropsychiatrist)
	11.12.2020 Friday	Session 13: <i>"Games for Meta-Cognitive and Skills Training"</i> Dr. Maiga Chang (Full Professor, Athabasca University, Canada)	Session 14: <i>Service Design</i> Mr. Sanjay Nayak (LS – The Design Lab, TCS)	Session 15: <i>Humanizing Software Using Design Thinking</i> Mr. Yogesh Tadwalkar (MD, Mind Lens Worldwide Pte Ltd, Singapore)
10.	Total Number of Participants	There were around 250 registrations, however, as per ATAL norms, the registrations of 200 participants were approved by Coordinator. The average number of attendees: 142 (all 5 days)		
11.	Association with VIT for FDP			
12.	Budget	Rs.93,000/- Registration Fees from participants: Nil		
13.	Examination	An online examination of 50 marks was conducted on MS Forms.		
14.	Mode of Dissemination of FDP	Online (CISCO Webex)		
15.	Overall Feedback	Feedback forms were filled on all days as well as on the portal. The average feedback of the overall program (all 14 sessions) is as below: Please rate the session in terms of information received, duration of session, new concepts learnt etc.: 4.69 out of 5 Please rate the Speaker in terms of knowledge, delivery, topic content, pace of session etc.: 4.72 out of 5		
16.	Convener Overall Coordinator ATAL FDP Coordinator Team	Prof. Sonaali Borkar Prof. Meenakshi Nandula Prof. Ambadas Deshmukh Faculty of First Year Engineering, Technical support from Systems		



Sonaali

**FDP Convener
Sonaali Borkar
In-charge, First Year Engineering**

Deshmukh

**ATAL FDP Coordinator
Ambadas Deshmukh**

22 December 2020

Income and Expenditure
ATAL FDP on Design Thinking during 7 to 11 December 2020

Expenditure			Receipt																																
Sr. No.	Particulars	Amount (Rs.)	Sr. No.	Particulars	Amount (Rs.)																														
1	Honorarium for Director/ Principal [Dr. Sunil Patekar]	10,000	1	AICTE WESTERN REGIONAL OFFICE	93,000																														
2	Honorarium to Co-ordinator (Rs. 2000/- per day x 5 days) [Mr. Ambadas Deshmukh]	10,000																																	
3	Honorarium for experts (Rs. 3000 per session for total 10 out of 14 sessions. Honorarium will not be claimed for remaining 4 sessions by the respective Guest Speakers)	30,000																																	
	<table border="1"> <thead> <tr> <th>Name of the Speaker</th> <th>Amount (Rs.)</th> </tr> </thead> <tbody> <tr><td>Mr. Arun Raman</td><td>3,000</td></tr> <tr><td>Dr. Bala Ramadurai</td><td>3,000</td></tr> <tr><td>Dr. Bala Ramadurai</td><td>3,000</td></tr> <tr><td>Dr. Bala Ramadurai</td><td>3,000</td></tr> <tr><td>Ms. Indira Basu</td><td>0</td></tr> <tr><td>Ms. Neetu Jetly</td><td>3,000</td></tr> <tr><td>Ms. Indira Basu</td><td>0</td></tr> <tr><td>Mr. Kalpak Chavan</td><td>3,000</td></tr> <tr><td>Mr. Ajay Aggarwal</td><td>3,000</td></tr> <tr><td>Dr. Anita Diwakar</td><td>3,000</td></tr> <tr><td>Dr. Omkar Mate</td><td>3,000</td></tr> <tr><td>Dr. Maiga Chang</td><td>3,000</td></tr> <tr><td>Mr. Sanjay Nayak</td><td>0</td></tr> <tr><td>Mr. Yogesh Tadwalkar</td><td>0</td></tr> </tbody> </table>	Name of the Speaker				Amount (Rs.)	Mr. Arun Raman	3,000	Dr. Bala Ramadurai	3,000	Dr. Bala Ramadurai	3,000	Dr. Bala Ramadurai	3,000	Ms. Indira Basu	0	Ms. Neetu Jetly	3,000	Ms. Indira Basu	0	Mr. Kalpak Chavan	3,000	Mr. Ajay Aggarwal	3,000	Dr. Anita Diwakar	3,000	Dr. Omkar Mate	3,000	Dr. Maiga Chang	3,000	Mr. Sanjay Nayak	0	Mr. Yogesh Tadwalkar	0	
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4	Lab Attendant engaged during lab practices [Mr. Sunil Thube]	1,000																																	
5	Institutional charges [Vidyalankar Institute of Technology]	15,000																																	
6	Miscellaneous charges [Cisco Webex Meeting Software- One month subscription]	5,900																																	
7	Refundable amount [AICTE WRO]	21,100																																	
	Total	93,000		Total	93,000																														

Ambadas Deshmukh ATAL FDP Coordinator	<i>Deshmukh</i>
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Sr. No	Topic	Date	Name of Speaker	Link to Recording	Email
1	Join Webinar on "Our Journey from Projects to Prototypes to Products"	15/06/2020	<p>Ms.Revati Naik Graduate Student in Robotics, University of Maryland, College Park -USA Co-Founder at GreyRobotics</p> <p>Mr. Kunal Khade Graduate Student in Electrical Engineering (Specialisation in Robotics), South Dakota School of Mines and Technology - USA Co-Founder at GreyRobotics</p>	https://tinyurl.com/ya269w32	<p>revatin@terpmail.umd.edu</p> <p>kunalkhade25@gmail.com</p>
2	"What goes behind turning your idea into a product"	05/06/2020	<p>Ms. Oindrilla Chatterjee Data Scientist, RED HAT, INC. Co-Founder, PARKAZE. INC.</p>	https://tinyurl.com/ycm2e8sa	<p>OC@BU.EDU</p>