

6.3.3 Details of professional development / administrative training programmes organized by the Institution for teaching and non-teaching staff during the year

Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	No. of participants	Dates (from-to) (DD-MM-YYYY)
Training Programmes Organized			
	Two Day workshop on Design Thinking	15	04-07-22 to 05-07-22
Professional development programme organised			
Webinar on "Research journal finding and reference management"		1	05-06-2021
Department of Mechanical Engineering has conducted three days National level FDP on "Technological Advancements in Naval, Defence and Space Applications- An integrated Industry 5.0 Approach".		20	08-07-2021 to 10-07-2021
Department of Mechanical Engineering is Organizing Webinar on "a preliminary understanding of Flight Control Actuators and their evolution"		25	15-09-2021
Department of Mechanical Engineering is Organizing Webinar on "Additive Manufacturing of Ceramic Materials"		20	03-09-2021
Department of Civil Engineering Organized FDP on "Environmental Management"		48	17-06-21 to 19-06-21
Department of MBA organised webinar "Role of Technology in Exploring the New Growth Markets and Opportunities"		90	30-10-21
Department of MBA organised webinar "Emerging Trends in Logistics & Supply Chain Management"		90	20-11-21

Note: Classify the data and provide in a chronological order

Date: 11/07/2022

Report on the Two-Day Workshop on Design Thinking

Submitted by: Dr. N.V.V.S. Suryanarayana, Professor of Mathematics, Department of S&H, & IQAC Coordinator, Employee Id: 21TS510675

Conducted by: School of Design Thinking, Chennai

Dates: 4th and 5th July, 2022

Sponsored by: The Management, NSRIT(A)

Initiation: Dr. J. Raja Murugadoss, Director, NSRIT(A)

Trainers:

(1) Dr. Anbu Rathinavel, Chief Design Officer, Intellect Design Arena & Co-Founder, School of design Thinking

(2) Mr. Ramakrishnan V, Principal Consultant, School of Design Thinking

Venue: School of Design Thinking, Intellect Design Arena, Chennai

The trainers were well supported by their team members Mr. Anand and Mr. Pradeep.

Participants: 15- HODs and Faculty members, NSRIT(A)





Workshop is conducted at the 8012 FinTech Design Center – the world’s first design center for financial technology. Spread over a stimulating 30,000 sq. ft. at Siruseri, Chennai, India, the 8012 FinTech Design Center is testimony to the criticality of design from ideation through implementation and on-going interrogation of evolving dynamics. The design center has six exploration through-enablement zones; and AEDE principles (Absorb - Engage – Discover – Enable) are an integral part of the work flow.

After the introductory session, we were taken on a tour of the 8012 FinTech Design Center, where we are exposed to various Design Thinking models and tools. Mr. Anand has shown the pictures and gave us a brief idea of concept of the design thinking which will be explained in detail in the workshop by the trainers.

Tools to facilitate group learning & presentation:

A four-pronged strategy enables us to effectively adopt the culture of Design Thinking. The design mind, design space, design framework and design process are the four tightly-integrated aspects that help create value by enabling problem solvers to arrive at future-focussed solutions.

The Design Mind:

Transformation of the thought process is indispensable before understanding the practical application of Design Thinking. Transformation from the mindset of an ‘order taker’ to that of an ‘agenda setter’ needs conditioning. The School of Design Thinking calls this the preparation of the Design Mind. This forms the cornerstone of their approach and makes School of Design Thinking stand apart from other Design Thinking experts.

The Design Process:

The Design Process is an approach for breaking down a large project into manageable chunks. The School of Design Thinking takes inspiration from globally renowned design tools supplemented with indigenously crafted tools to make Design Thinking successful in practical application. The patented

five-step Design Thinking process unites the design tools. In fact, the special and exclusive 'Design Toolkit' provides participants with a unique learning experience.

The Design Space:

The workplace environment and space is a crucial factor that influences productivity and output. Spatial elements that help cross collaboration and cross-pollination are leveraged during the workshop. Inspired by this, participants have often felt the need to utilize spatial elements at their regular workplaces. School of Design Thinking emphasises that the 'physics of space is equally important as the chemistry between colleagues'.

The Design Framework:

The right mindset, design tools and process help problem solvers generate out-of-box ideas. Yet, problem solvers need the support of multiple stakeholders to make a solution successful. Solutions need sustainable models that will align all the stakeholders. These models are called 'design frameworks'. The workshops lay a substantial emphasis on mapping stakeholders who will bind the solution into a sustainable framework.

Day 1, Session 1: The following were discussed.

The basic requirements for a leader

- (i) Seeing something that others don't see/yet to see
- (ii) Acknowledging that I have a problem
- (iii) Differentiating between a Problem and a Challenge

Designing self-framework:

- (i) The imaginative mind- Design your future
- (ii) The learning Mind-To sharpen the genius in you
- (iii) The result mind-shift left, shift down and shift out
- (iv) The effective mind-Understanding DCAFE (Doubt, Conflict, Anger, Fear and Ego)
- (v) The influencing mind-Influencing for the right outcome

5 Forces of growth (That drive design):

SEPIA (Skill, Expertise, Perspective, Idea, Alignment)

Skill—Skill is a set pattern of knowledge packets in a defined knowledge cluster

Expertise—When skill is used over and over again, it leads to expertise being built. In other words, depth of knowledge is expertise. Expertise gives one the ability to observe patterns and remove redundant steps.

Perspective--Perspective enables one to step above the knowledge cluster plane. Perspective provides an aerial view of various knowledge clusters and how various knowledge packets are connected with each other.

Idea—Idea is connecting knowledge packets within the same knowledge cluster or across knowledge clusters in a new pattern. Expertise and perspective are the fundamental base for generating ideas.

Alignment—Alignment involves connecting the previously mentioned four forces to achieve a common objective. It also helps in achieving longer vision.

5 Frictional forces:

DCAFE (Doubt, Conflict, Anger, Fear and Ego)--

Doubt— defined as uncertainty or to be undecided in opinion or belief.

Conflict—defined as difference of opinion, difference of perspective or difference of expectation.

Anger—symbol of helplessness

Fear—Fear is a natural emotion that can take the design in a different direction.

Ego—Road block for learning outside comfort zone or outside current knowledge container

3 Capacity levers:

VAL (Vulnerability, Appreciation, Limiting benefits)

Vulnerability—defined as a state of being exposed to the possibility of being attacked or harmed, either physically or emotionally but it is a powerful tool for self -growth.

Appreciation—Defined as a feeling of getting acknowledged and recognised which drives our set of actions. It is true with all humans and teams.

Design Process:

Step 1- Empathise, Step 2- Define, Step 3- Divergence, Step 4- Convergence, Step 5- Communication.

Definition of frame work: Knowledge shelving and writing

For sharpening the knowledge and practices, we need a taxonomy to place the knowledge into appropriate shelves

Once we are able to classify independent knowledge shelf, we need to provide identifier for the shelf. This represents the macro architecture of the framework which we call Level Zero(L0) in our vocabulary.

Now, we take each column of the shelf and detail it out to next level of knowledge shelving. This we call Level One(L1).

Similarly, we go expanding L1 shelves into user journeys to build Level two (L2)

We identify patterns and anti-patterns in the user journey as defined at L2, which we call Level three(L3).

BELIEF Framework:

B-Brand capital, E-End Customer capital, L-leadership capital, I-Intellectual property capital, E-Execution capital, F-Finance capital

Day 1 Session 2:

Conducted an ACTIVITY on Wheel of Life:

We were asked to draw a circle, divide that into 8 equal parts, write 8 priorities of our life and give weightage to each on a ten-point scale. After the activity they explained that we should give equal priority to all, should do this exercise every week then every month and so on to check whether we are progressing or not.

Balancing Priorities:

Stephen Covey Matrix

Crisis Zone-Important & Urgent	Results Zone- Important & Not-Urgent
Routine Zone- Not Important & Urgent	Escape Zone- Not-Important & Not-Urgent

Stop managing your time and start managing your focus. We should start such that we fall in results zone.

Steps for this are (i)Shift left—Plan early (ii) Shift down—delegate work to sub-ordinates (iii) Shift out—Question why we are doing this?

Day 1-Session 3: (Post Lunch)

Conducted ACTIVITY on Vision of NSRIT for the year 2030.

We were divided into two groups and asked to prepare chart on our Vision of NSRIT for the year 2030.

Group 1—Dr. N.V.V.S. Suryanarayana, Dr. B. Siva Prasad, Dr. P.N.E. Naveen. B. Usha Rani, D.V. Shanmukesh, Y. Sravan Kumar, P. Hara Gopal, P. Mahesh

Group 2—Dr. Srinivas, Dr. V. Krishna, Dr. U.V. Subba Rao, Dr. R.S.R. Krishnam Naidu, E. Manemma, D. Raja Sekhar, N. Viswanadha Reddy

From Group 1, D.V. Shanmukesh was asked to present the vision by assuming that he is presenting the report of NSRIT on behalf of the management.

From Group 2, Dr. U. V. Subba Rao presented the vision 2030.

In both presentations, they instructed us to have a bigger dream think at high level and strive hard & smart in that direction in making our dream comes true.

Group 1 Discussing the NSRIT VISION 2030



Day 1-Session 4:

Concentrated on the definitions of Design Thinking and Design process.

What is design?

A Process of working to develop solutions in a conscious and innovate way in which both functional and aesthetic requirements are included based on user needs.

They explained examples of Pot for good design and Bucket for bad design.

Elements of great design are Simplicity, Experience, Frictionless (STP-Straight Through Process), Efficient and Complexity reduction.

Design Process:

Step 1- Empathise—Feel from customer's shoes, Tools-Persona, Empathy, LO Architecture

Examples of questioning assumptions:

- (1) Why restaurants have menus?
- (2) Why we have to pay full amount at the time of purchasing a car?
- (3) Why patient has to go to hospital? why can't hospital comes to him?

Step 2- Define—Asking the right questions, paraphrasing the problem statement/Opportunity, Tools-5-Why chain

We were asked whether we are solving the actual problem or the symptom or the first impression of the problem. Then the technique of 5 -why for problem solving is explained clearly through some problems like

- (i) The robot stopped working abruptly and caused to function.

The technique is explained by asking a series of five questions to arrive at the actual root cause of the problem.

Then UAT (User Acceptance test) is explained and concluded that the problem definition should be in our sphere of control.

Why reframe a problem statement?

Not to find the real problem but

Initial problem Statement	Reframed Problem statement
How to reduce Attrition?	How to increase Retention?

Step 3- Divergence—Bringing multiple expertise and multiple perspectives at the same time to generate ideas, Tools- Brainstorming, Pattern cards, Anti-Pattern cards

Step 4- Convergence—connecting multiple ideas moves the idea to solution and then the group starts owning the solution rather being attached to my idea syndrome. Tools- 10/100/1000 gm,

Step 5-Communication—Communication is key for scaling up any solution or institutionalising the innovation or process.



What is Design Thinking?

Design Thinking should be human centred, future focussed and creates value.

When to use Design Thinking?

When stakeholders can't agree what the actual problem is, when the situation is a complex fluid, when lots of data is available but no understanding and when no correlation and no cause.

Why Design Thinking?

To transform ourselves from order taker to agenda setter and align ourselves to higher purpose. It's a journey. We have to check (i) are we doing things right? (ii) are we doing right things? (iii) how do we decide what is right?

The Differentiator:

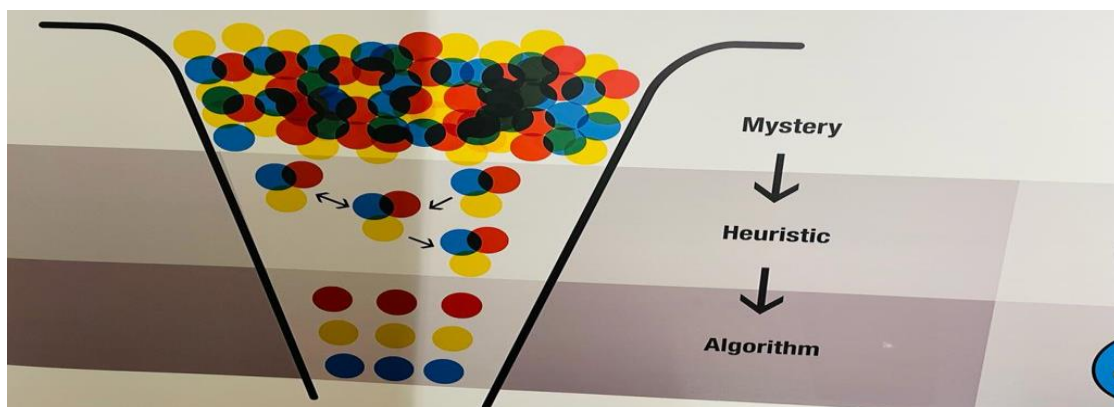
Traditional Thinking	Design Thinking
What is the right answer	What is the right question
More Talk	More Listen
Data	Stories
Events	Experience
Talk about facts	Talk about feelings

Definitions of design thinking:

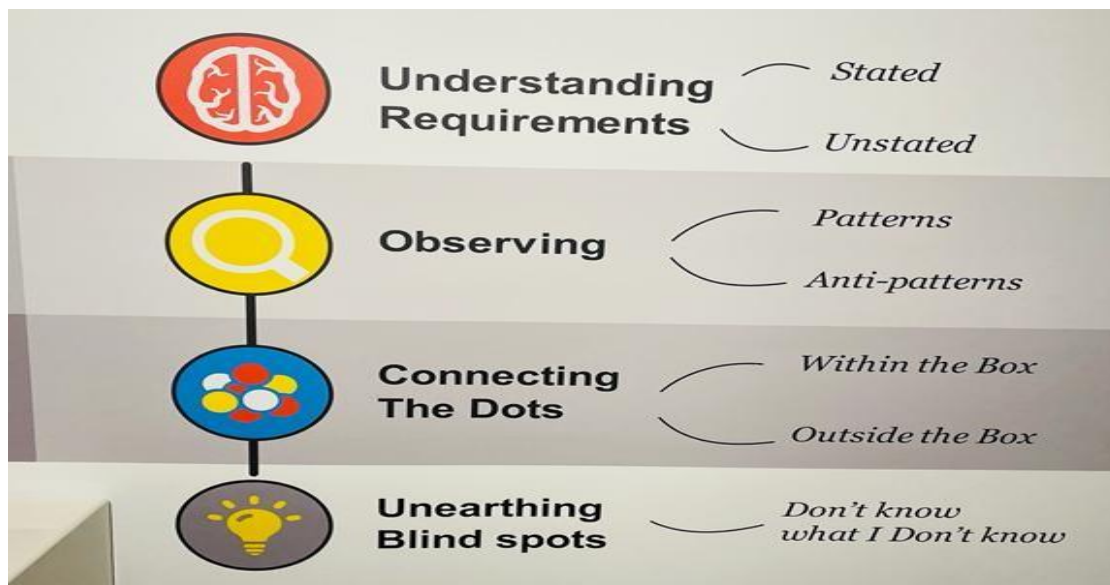
Definition 1:



Definition 2:



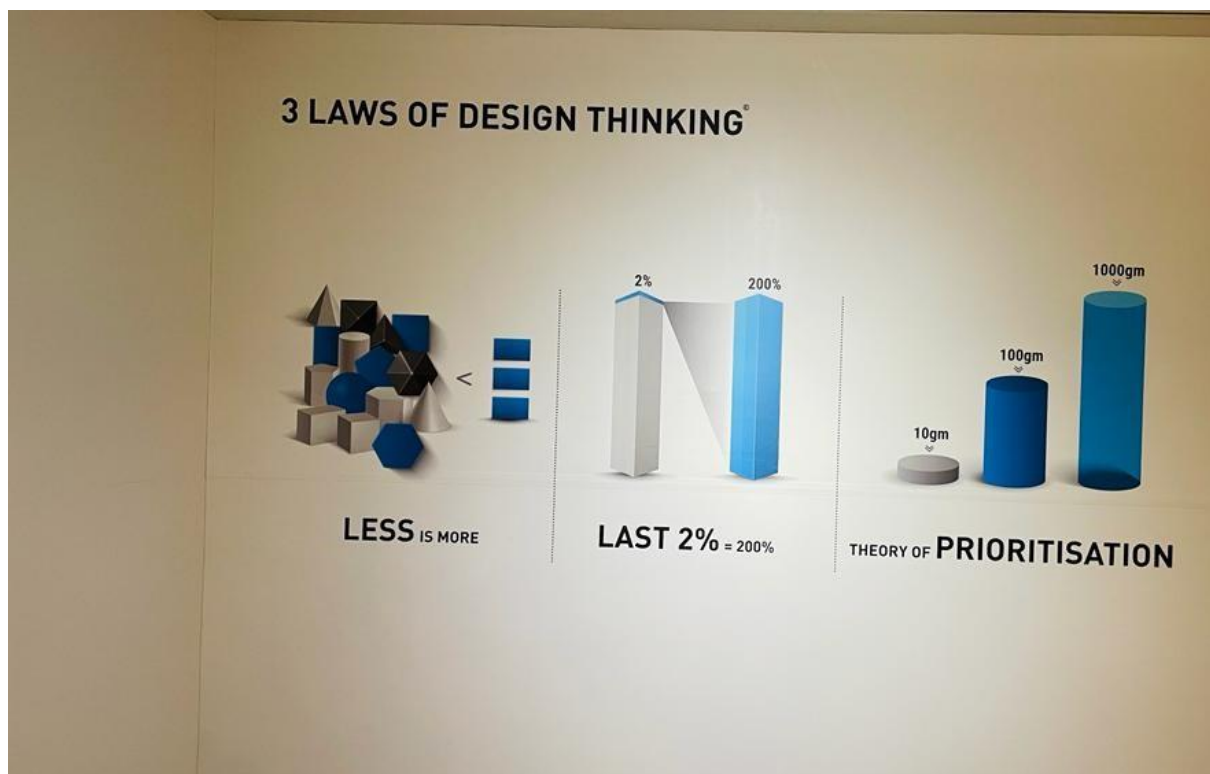
Definition 3:



Activity:

Then both the groups which were identified earlier are asked to write 5 patterns and 5 anti-patterns from our experience in the college and identify the 1000 gm anti-pattern (The most weighed anti-pattern which is to be addresses mainly for better performance of our institution.

Three laws of Design Thinking:



The session ended at 7:30 pm and went to dinner at the venue.

Day 2 Session 1 ACTIVITY: (From 7:30 am to 9:00 am in an open area)

We are asked who will be the first person to accept challenges?

- (i) We were asked to walk on broken glass pieces and after successful completion of the walk, we were garlanded as a token of appreciation
- (ii) Then we were asked to stand on a nail pad.

Surprisingly, no one was injured during these activities. The trainer then explained that due to the distribution of the load equally, it can't hurt us, a simple concept of Physics.

Group photo was taken with the trainer after completing the activities.



He explained the following after performing the activities:

Learning—Knowing something , Understanding—Having clarity on something more interactive.

The best way to predict your future is to create one/invent one/design one.

Challenge is something which is outside the comfort zone.

Ordinary people will spend their entire life in assumptions and imagination.

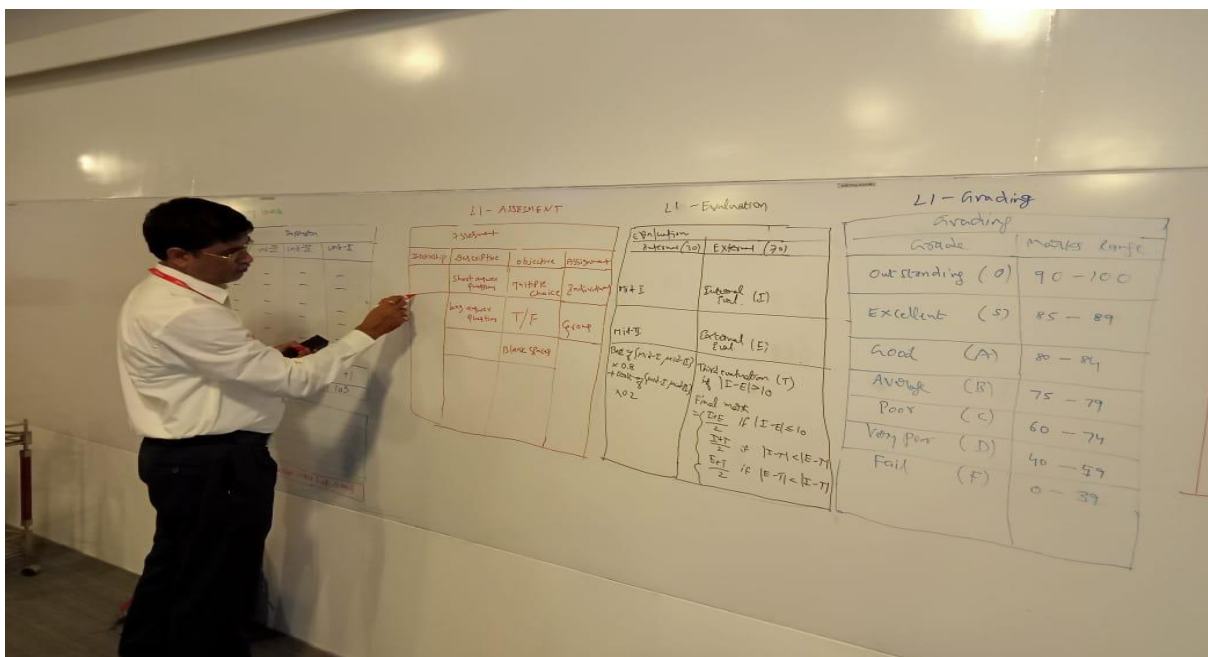
Extraordinary people will live the world of truth & reality An Extraordinary person will be an Enabler, Inspirer and a True Leader.

With calculated risk, i.e. by analysing, jumping into actions we can accomplish the task.

Power of Mind: Whatever we feed, it will act accordingly.

Day 2 Session 2: (After Break Fast)

The importance of time management and agenda setting were explained.



LO - THEORY COURSE					
BASIC SCIENCES & HUMANITIES					
	UNIT-1	UNIT-2	UNIT-3	UNIT-4	UNIT-5
CONTENT	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
No. of Hours Planned	11+1	11+1	11+1	11+1	11+1
Course Outcomes	CO1	CO2	CO3	CO4	CO5

TEACHING METHODS	CHALK & TALK, PPT, e-CONTENT, Embedded Videos, Guest Lectures, LMS, VISUAL AIDS
ASSESSMENT	MID EXAMS, ASSIGNMENT, QUIZZES, END EXAM
EVALUATION	INTERNAL EVALUATION, EXTERNAL EVALUATION, THIRD EVALUATION
GRADING	O (90-100), A (85-89), B (80-84), C (75-79), D (60-74), E (50-59), F (Fail)

Day 2 Session 4:

The concept of PERSONA (Seeing a person as a human) is well explained by projecting the form and explained the importance of filling PERSONA of any individual:

Activity: All of us were given a task of filling the PERSONAs of any other person whom we know and our own PERSONA by following the below guidelines.

i) Start small and expand slowly. Take to your users in person, if you can. Keep an open mind. You are not the end user. Don't just come up with persons, base them on real problem. Don't prioritize traits over tasks. Don't confuse demographic and Persona. Don't focus on unrelated details. Person is not a tool for manipulation.

My Persona:

Persona	
Background <ul style="list-style-type: none"> Highly Qualified with doctorate degree Belongs to a middle class family Having old parents and one son Having three siblings <p><small>Family background, education, childhood.</small></p>	Motivation <ul style="list-style-type: none"> Excellent in whatever he does Wants to be self-driven Wants to give 200% output <p><small>What motivates the individual</small></p>
Challenges faced <ul style="list-style-type: none"> Convincing management in getting salary & position in post with engineering degree. Losing golden opportunities due to commitment towards the institution working units. <p><small>Challenges faced by the person is dealing with his stakeholders</small></p>	Doubts / Fears <ul style="list-style-type: none"> He doubts that health will be disturbed with overload. Family will suffer by giving more importance to college than family. <p><small>What are the doubts / fears faced by the individual</small></p>
Aspirations <ul style="list-style-type: none"> Wants to be a great teacher Wants to be a time-master <p><small>What this individual aspires to be / vision</small></p>	
<p>Construct a story while explaining the persona to your peers and document the insights...</p> <p>As person who is self-disciplined & self-motivated who always wants to give his best by sacrificing his health & personal life, a true working person for any management.</p>	

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Persona of my Ex-Colleague and Superior:

Persona	
Background <ul style="list-style-type: none"> Doctorate Belongs to an upper middle-class family Excellent comm. SKMS <p><small>Family background, education, childhood.</small></p>	Motivation <ul style="list-style-type: none"> Excellent in whatever does Good feed back about her action Good balance of her personal & professional life <p><small>What motivates the individual</small></p>
Challenges faced <ul style="list-style-type: none"> Bringing all faculty together as a unit. Convincing higher authorities in providing salaries on par with other colleges. <p><small>Challenges faced by the person is dealing with his stakeholders</small></p>	Doubts / Fears <ul style="list-style-type: none"> She doubts that higher-ups are not giving financial freedom She doubts that faculty are not working for the money what they have been paid. <p><small>What are the doubts / fears faced by the individual</small></p>
Aspirations <ul style="list-style-type: none"> Wants to make her institution unique in innovation advancement. <p><small>What this individual aspires to be / vision</small></p>	
<p>Construct a story while explaining the persona to your peers and document the insights...</p> <p>She is a good administrator who can motivate employees and get the job done with her friendly nature.</p>	

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Analysis and action to be performed after writing the Persona of your stake holder- Individual/Cluster:

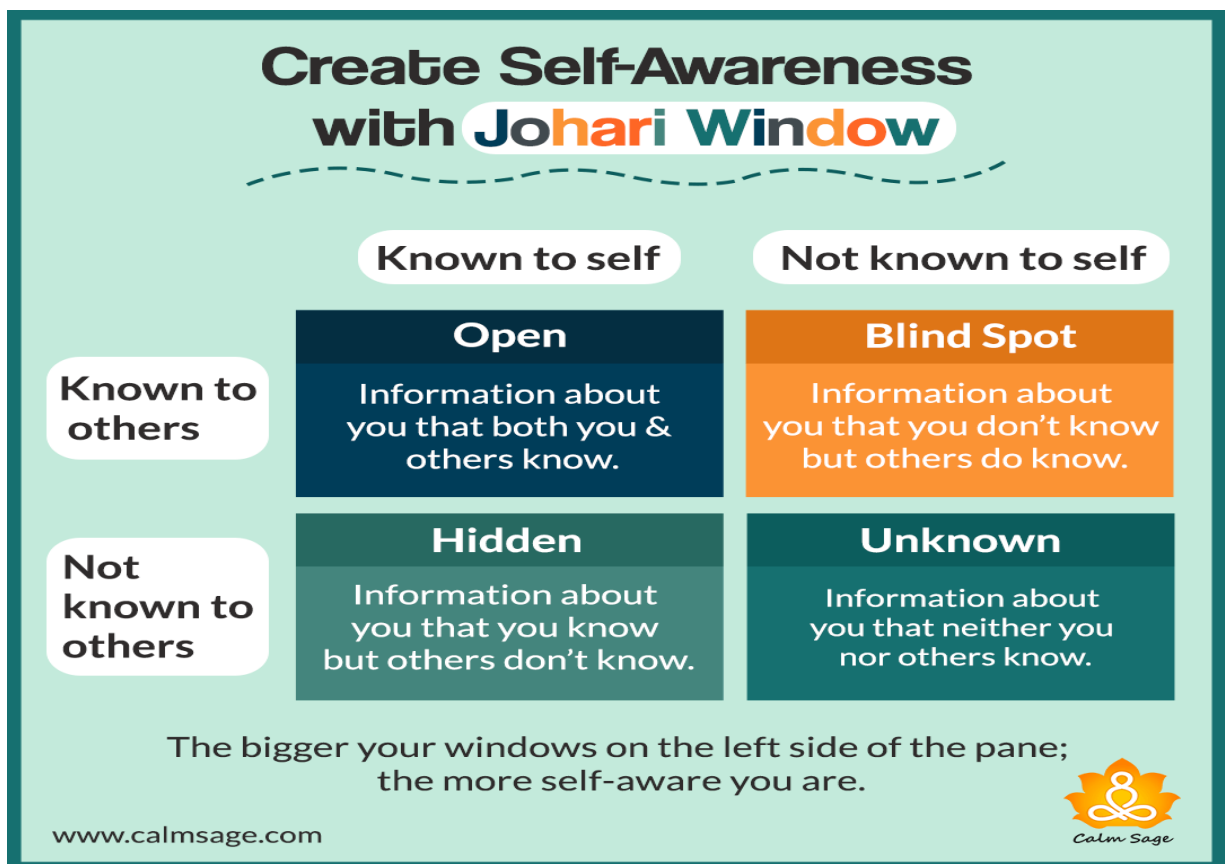
High power & Low interest -Keep satisfied	High power & High interest -Engage closely and influence actively
Low power & Low interest -Monitor with minimum effort	Low power & Low interest -Keep informed

Then explained the Kolbe's style of Learning:

Then showed us a video of Sir Ken Robinson to explain how creative we are at early stages

Then he asked us to write the one thing we are going to do from tomorrow.

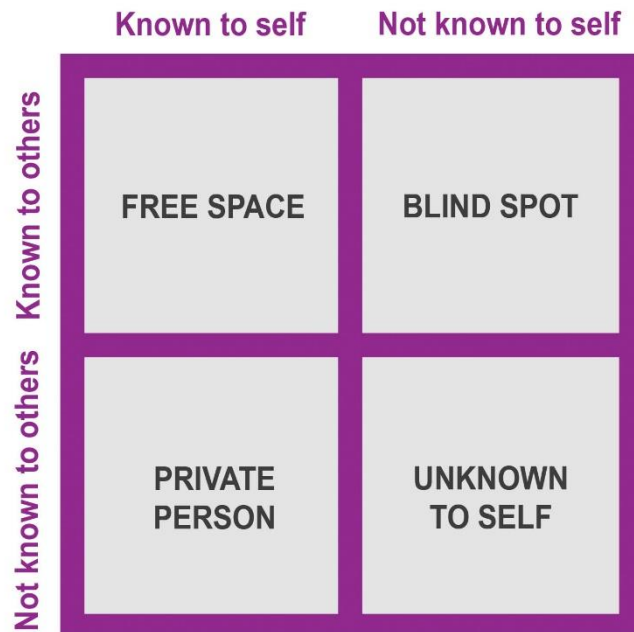
Then he explained the concept of Johari window.



THE JOHARI WINDOW

The Johari Window is a schematic reflection of someone's personality. It consists of 4 parts;

- Free space: The daily conduct to the environment
- Private person: Part of behaviour invisible to others
- Blind spot: Surpresses and habits your are not aware of
- Unknown to self: Nobody is aware of this



Reduce this window horizontally and vertically so that your talent start flowering.

Appreciation:

The different ways of to express our appreciation were discussed.

Appreciation should be **GST (G-Genuine, S-Specific, T-Timely)**

No Hierarchy. We can appreciate either our subordinates or superiors.

The magic of appreciation: whether we succeed or fail, our effort should be appreciated.

He suggested us to read a famous book Man's Search for Meaning ---by Victor E Frankl, which is one of the top ten most influential book.

Finally, he concluded quoting that **"The freedom of choice (The freedom to choose will never & ever be taken away from you"**.

Activity:

We were given blank formats of certificates of appreciation and asked us to write the appreciations to some persons to whom you want to give GST appreciation certificate



Certificate of Appreciation

Is hereby presented to _____

For _____

By _____

On this day _____ Month _____ Year _____

SCHOOL OF _____
DESIGN THINKING

Valedictory Photo with the training team:



Conclusion:

Design Thinking is a continuous passion in an everchanging world. Design Thinking doesn't just make things look better. It makes things work better. Beyond look and feel, Design Thinking is about making things work better. Design Thinking creates long-lasting culture.

Design Thinking is the bridge between information and understanding. Design Thinking starts and ends with integrity. The simplest designs are most enduring. Design Thinking is complicated so that designing becomes simple. Bad designs are expensive and good designs are priceless. The more complex the problem, the greater the need for Design Thinking solution. Design Thinkers love to fail so that they can succeed.

1. How it is going to help you personally as an individual?
I got the required inputs a how to transform myself from order taker to agenda setter and working for higher purpose.
2. How you are planning to contribute to the department?
I want to give the detailed report to all my colleagues and explain them the concepts which I have learned at the workshop to transform them also.
Target Date: July Month End
3. How you are planning to contribute to the students?
I will change the process of mentoring by writing the PERSONA of all the students who are either irregular or poor performers or behaving differently or suffering with hidden problems and try to help them to bringing a change in their attitude for exceling in both academics and career.
Target date: End of First Semester, 2022-23 Academic Year I semester.
4. How it is to be for organizational building?

As Design Thinking is the bridge between information and understanding, in my peripheral region, I will use design thinking to create solutions to complex problems and help the institution to grow exponentially to reach our vision NSRIT 2030 i.e. a technical skilled university, unique in nature and operations.

My profound sense of gratitude to the esteemed members of the management Chairman Sri N, Satyanarayana Raju sir, Secretary Dr. N. Prasada Raju sir, Treasurer Sri N. Kanaka Raju sir, Principal Dr. M.A. Khadar Baba sir and special thanks to our hon'ble director Dr. J. Raja Murugadoss sir for giving me a chance to participate in the workshop and contribute to the development of the institution with the knowledge gained at the workshop.



Dr. N.V.V.S. Suryanarayana

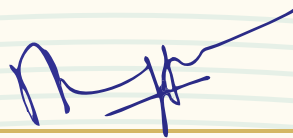
CERTIFICATE OF PARTICIPATION

Presented to

Dr. Siva Prasad B

CERTIFICATE CODE: T7102BL5419

from Nadimpalli Satyanarayana Raju Institute of Technology, Visakhapatnam, Andhra Pradesh for attending **Design The Thinking**[®] a 2-day workshop on 4-5 July 2022 at 8012, Fintech Design Center, Siruseri, Chennai.



Dr. Anbu Rathinavel
Co-Founder & Head
School of Design Thinking

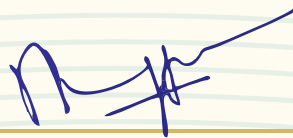
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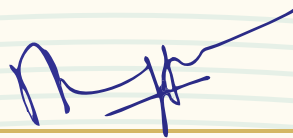
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Presented to

Dr. Naveen PNE

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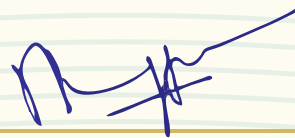
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Dr. Srinivas R

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Co-Founder & Head
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CERTIFICATE OF PARTICIPATION

Presented to

Dr. Krishnam Naidu RSR

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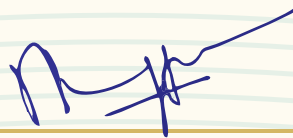
CERTIFICATE OF PARTICIPATION

Presented to

Dr. Subba Rao UV

CERTIFICATE CODE: T0215BA3824

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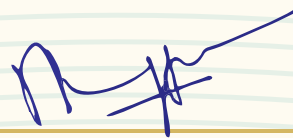
CERTIFICATE OF PARTICIPATION

Presented to

Dr. Krishna V

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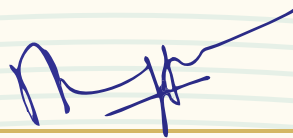
CERTIFICATE OF PARTICIPATION

Presented to

Duvvi Varaha Shanmukesh

CERTIFICATE CODE: T5101BW4185

from Nadimpalli Satyanarayana Raju Institute of Technology, Visakhapatnam, Andhra Pradesh for attending **Design The Thinking**[®] a 2-day workshop on 4-5 July 2022 at 8012, Fintech Design Center, Siruseri, Chennai.



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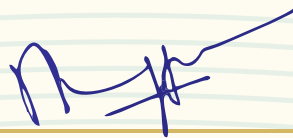
CERTIFICATE OF PARTICIPATION

Presented to

Rajasekhar K

CERTIFICATE CODE: T7250MZ5180

from Nadimpalli Satyanarayana Raju Institute of Technology, Visakhapatnam, Andhra Pradesh for attending **Design The Thinking**[®] a 2-day workshop on 4-5 July 2022 at 8012, Fintech Design Center, Siruseri, Chennai.



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Co-Founder & Head
School of Design Thinking

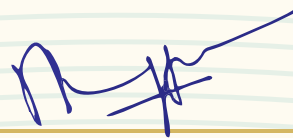
CERTIFICATE OF PARTICIPATION

Presented to

Mahesh P

CERTIFICATE CODE: T1705QR5721

from Nadimpalli Satyanarayana Raju Institute of Technology, Visakhapatnam, Andhra Pradesh for attending **Design The Thinking**[®] a 2-day workshop on 4-5 July 2022 at 8012, Fintech Design Center, Siruseri, Chennai.



Dr. Anbu Rathinavel
Co-Founder & Head
School of Design Thinking

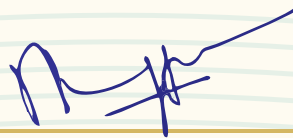
CERTIFICATE OF PARTICIPATION

Presented to

Peddinti Haragopal

CERTIFICATE CODE: T5711ZE8062

from Nadimpalli Satyanarayana Raju Institute of Technology, Visakhapatnam, Andhra Pradesh for attending **Design The Thinking**[®] a 2-day workshop on 4-5 July 2022 at 8012, Fintech Design Center, Siruseri, Chennai.



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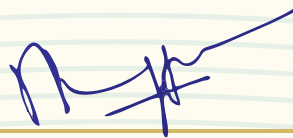
CERTIFICATE OF PARTICIPATION

Presented to

Viswanadha Reddy

CERTIFICATE CODE: T5715SB8923

from Nadimpalli Satyanarayana Raju Institute of Technology, Visakhapatnam, Andhra Pradesh for attending **Design The Thinking**[®] a 2-day workshop on 4-5 July 2022 at 8012, Fintech Design Center, Siruseri, Chennai.



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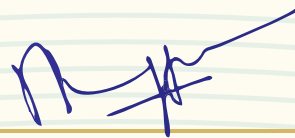
CERTIFICATE OF PARTICIPATION

Presented to

Sravana Kumar Y

CERTIFICATE CODE: T7205LR0684

from Nadimpalli Satyanarayana Raju Institute of Technology, Visakhapatnam, Andhra Pradesh for attending **Design The Thinking**[®] a 2-day workshop on 4-5 July 2022 at 8012, Fintech Design Center, Siruseri, Chennai.



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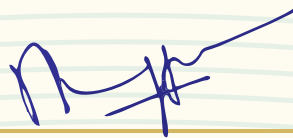
CERTIFICATE OF PARTICIPATION

Presented to

Usha Rani B

CERTIFICATE CODE: T5175WR3479

from Nadimpalli Satyanarayana Raju Institute of Technology, Visakhapatnam, Andhra Pradesh for attending **Design The Thinking**[®] a 2-day workshop on 4-5 July 2022 at 8012, Fintech Design Center, Siruseri, Chennai.



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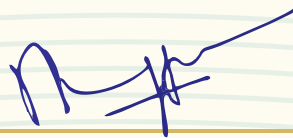
CERTIFICATE OF PARTICIPATION

Presented to

Manemma E

CERTIFICATE CODE: T7110DM1620

from Nadimpalli Satyanarayana Raju Institute of Technology, Visakhapatnam, Andhra Pradesh for attending **Design The Thinking**[®] a 2-day workshop on 4-5 July 2022 at 8012, Fintech Design Center, Siruseri, Chennai.



Dr. Anbu Rathinavel
Co-Founder & Head
School of Design Thinking

ONLINE

WEBINAR

Research Management



DR. B. T. P. MADHAV

PROFESSOR & ASSOCIATE DEAN,
KL UNIVERSITY, VIJAYAWADA

**RESEARCH JOURNAL
FINDING AND REFERENCE
MANAGEMENT THROUGH
WEB OF SCIENCE AND
SCOPUS (RESEARCH
MANAGEMENT)**

June 05, 2021 (Saturday)
10:30 AM - 12:00 Noon

Department of Electronics and Communication Engg.

CERTIFICATE OF PARTICIPATION

This certificate is awarded to

Dr. K. Ravi Kumar

Professor , N. S. Raju Institute of Technology

has actively participated in the webinar on
**Research Journal Finding and reference Management
through Web of Science and Scopus - Research Management**
on 5th June 2021

Dr.B.Siva Prasad
Convenor & HOD - ECE

Dr.M A Khadar Baba
Principal

Organized by

Department of Mechanical engineering

**Three Days National Level Faculty Development Programme on
Technological Advancements in Naval, Defense and Space
Applications - An integrated Industry 5.0 Approach**

08-10th July-2021



**NADIMPALLI SATYANARAYANA RAJU
INSTITUTE OF TECHNOLOGY**

ESTD:2008

(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada)

Recognized under Section 2(f) of the UGC Act, 1956 | Accredited by NAAC with 'A' Grade

Department of Mechanical Engineering has conducted three days National level FDP on “Technological Advancements in Naval, Defence and Space Applications- An integrated Industry 5.0 Approach”. First day (08-07-2021), Lecture by chief guest Dr. P. Anil kumar, Scientist F & Director, Research Center, Imarat, DRDO, Hyderabad. Guest lecture on (14.00pm- 16.00pm), Modal analysis & experimental validation of Aerospace applications, Second Day (09-07-2021) Second Guest Lecture by Dr. U. Urban Kumar, Scientist ' D ' NSTL, VSKP. Guest lecture on (14.00pm – 16.00pm), Engineering of composites for navy. Third Day (10-07-2021) Third Guest Lecture by Dr. V. Rama Krishna, Scientist ' E ' NSTL, VSKP. Guest lecture on (14.00pm - 16.00pm), Control of Vibrations and under water noise for defense stealth Applications. In valedictory certificates distributed to the participants faculties from Mechanical department were participated in the workshop.

NSRIT



AUTONOMOUS | ACCREDITED BY NAAC WITH 'A' GRADE

MECHANICAL ENGINEERING



SPEAKER

MR. JAI PRAKASH

SCIENTIST - E IFCS DIRECTORATE
AERONAUTICAL DEVELOPMENT AGENCY
BANGALURU, KARNATAKA

ENGINEER'S DAY
CELEBRATIONS

WEBINAR

**FLIGHT CONTROL
ACTUATORS**

SEPTEMBER 15, 2021, 04:30 PM

Recourse person's brief bio-data:

1. Graduated from JNTU College of Engineering in Mechanical engineering
2. Holds a PGDCA in E Commerce from JNTU
3. Master of Engineering from **Indian Institute of Science**, Bangalore

Started career as Maintenance Engineer in NFCL, Kakinada, AP

Thereafter served as Jr. Works Manager in Indian Ordnance Factories. Designed and Developed several products under in-house R&D scheme for Indian Armed forces, viz. Remote control weapon stations, Armoured vehicles, Close Range Naval Gun, etc

Since 2008, have been serving in one of DRDO's autonomous bodies meant for design and development of Fighter Aircrafts, viz. Aeronautical Development Agency

Topic: A preliminary understanding of Flight Control Actuators and their evolution.



Email: jaiprakash@jetmail.ada.gov.in



RESEARCH & DEVELOPMENT CELL

SEPTEMBER 03, 2021



TALK WITH

DR. MOHAMMAD IMTEYAZ AHMAD

Indian Institute of Tech., Varanasi

Area of Specialisation

Additive Manufacturing of Ceramic Materials

AUTONOMOUS | ACCREDITED BY NAAC

WWW.NSRIT.EDU.IN



Department of Civil Engineering, NSRIT presents

THREE-DAY FACULTY DEVELOPMENT PROGRAMME

17 - 19 JUNE 2021

10:00 AM ONWARDS

ENVIRONMENTAL MANAGEMENT

Technological Innovations for Sustainability, Waster Water Treatment, Waster and Ciruclar Economy in Environment Engineering, Waste Management - A Holistic Approach, Environmental Management for Sustainable Development, Climate Changes

CONVENOR (S)

MS. S. PAVANI, HEAD OF THE DEPARTMENT

DR. G. KALYANI, ASSOCIATE PROFESSOR

MS. G. FATHIMA RANI, ASSISTANT PROFESSOR

for your information please write to the following email ID: Last date: June 15, 2021 Registration can be done through google form available in the official website or Facebook.

kalyani.ce@nsrit.edu.in | +91 63048 28399 | www.nsrit.edu.in

**NADIMPALLI SATYANARAYANA RAJU
INSTITUTE OF TECHNOLOGY**

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DR. BENNY JOSEPH
PRINCIPAL
VIMAL JYOTHI
ENGINEERING COLLEGE,
KERALA

Online

Zoom



Dr. R. Ilangoan

Environmental
Coimbatore



**Mr. Kannan
Pasupathiraj**

Managing
Partner, EcoTec
Engineers and
Consultants



Dr. Brema

Karunya Univ.
Coimbatore



**Dr. P. V.
Nidheesh**

NEERI, Nagpur



**Dr. S.
Ambika**

IIIT, Hyderabad



**Dr. S.
Kanmani**

KPRIET,
Coimbatore



**NADIMPALLI SATYANARAYANA RAJU
INSTITUTE OF TECHNOLOGY
(AUTONOMOUS)**



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Recognized under 2(f) of the UGC Act 1956 & Accredited by NAAC with 'A' Grade (3.10/4.00)
SONTYAM, Pendurthi - Anandapuram Highway, Visakhapatnam - 531173, Ph : 9855824167, 8099464546, www.nsr.it.edu.in

Department of Management Studies

Webinar Organized by the Department of M.B.A on 20th November 2021

Topic : Emerging Trends in Logistics & Supply Chain Management

Speaker: Dr.Venkata sai Srinivasa Rao Muramalla

Lovely Professional

University

Time: 3pm-4pm

The program was started with a welcome speech by the H.O.D Dr.V.Bala, inviting the guest and giving a brief note on the Role of Emerging Trends in Logistics & Supply Chain Management.

Later on, Ms.P.Pavani Assistant professor of MBA gave an introduction regarding the profile of the distinguished guest.

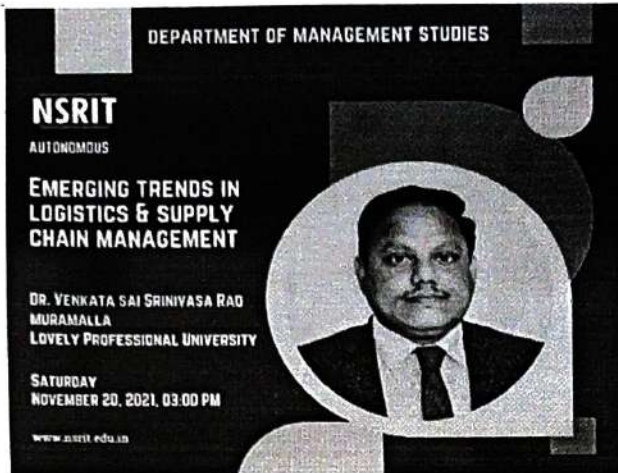
These are some of points highlighted by the guest in the webinar.

- Discussed in detailed on importance of logistics and supply chain management.
- Role of Adoptability management and how it focused on Hindustan unilever Ltd.
- Especially he explain Distribution channels adopted by HUL & PROTER AND GAMBLE
- He analyzed the entire functioning of logistics with the help of Case study.
- Views on inventory management and manpower requirement, how much resources should be required, when it is required, why it is required?
- Shared some points on incremental profit, productivity increase, revenue maximization
- Discussion focused on Customer relationship management and Supply chain marketing analysis
- Importance of Strategic Purchasing and Adopting Procurement process of the companies with the help of Supply chain management.
- Overall outcome of webinar is focused on competitive analysis and Adoptability of Supply chain management by FMCG Companies.

After the lecture some students asked queries and the guest discussed them by giving suitable examples to validate.

The session was quiet interesting and informative for the students as well as the staff also.

Finally session ended at 4.05 pm by giving a vote of thanks by Dr.V. BALA



1. RESOURCE PERSON



2. FACULTY ATTENDANCE



3. STUDENTS ATTENDANCE

Dr. V. BALA, M.B.A, Ph.D
Professor and Head of B.A
N.S.Raju Institute of Technology
Sontyam Visakhapatnam-531 171



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INSTITUTE OF TECHNOLOGY
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SONTYAM, Pondurthi - Anandapuram Highway, Visakhapatnam - 531173, Ph : 9885824167, 8099484548, www.nsr.it.edu.in

Department of Management Studies

Webinar Organized by the Department of M.B.A on 30th October 2021

Topic : Role of Technology in Exploring the New Growth Markets and Opportunities

Speaker: Sri A.Lakshmi Kanth
Data Science manager
Tech Mahindra
Hyderabad

Time: 3pm-4pm

The program was started with a welcome speech by the H.O.D Dr.V Bala, inviting the guest and giving a brief note on the Role of technology in Exploring the new growth Markets and Opportunities. Later on, Ms.Sreeja of second MBA gave an introduction regarding the profile of the distinguished guest.

These are some of points highlighted by the guest in the webinar.

- Discussed in detailed how people utilized the source of technology in 1980's for data collection and storage and its consequences, collection through manual procedures, and technology exploration by personal computers in earlys of 90 and how they changed the global market.
- Role of potential selling through RAM (Realistic Available Market) to increase the market shape, market size, and profit.
- Expansions in marketing, target marketing and opportunities using technology
- R programming significance: how to expand business by using plot technology and Time series Analysis and how these are helpful to improve the floor space need
- Views on inventory management and manpower requirement, How much resources should be required, when it is required, why it is required?
- Shared some points on incremental profit, productivity increase, revenue maximization
- Thoughts on retention mechanism like volunteer acquisition, Non-volunteer acquisition
- Market basket analysis, probability of purchase, ABC (All ways better control) and how it helps to the business entrepreneurs
- Discussion focused on ROM (Return on marketing), customer retention, customer acquisition

After the lecture some students asked queries and the guest discussed them by giving suitable examples to validate.

session ended at 4.10 by giving a vote of thanks by Dr.U.V Subbarao



Dr. V. BALA, M.B.A, Ph.D
Professor of HRD
N.S.Raju Institute of Technology
Sontyam Visakhapatnam-531 171