# CHIEF PATRONS

Sri A. S. Vishwanatha

President, NES

Sri T. R. Ashwathanarayana Setty

Vice President, NES

Sri S. N. Nagaraja

Secretary, NES

Sri Amarendra Kireeti

Joint Secretary, NES

Sri C. R. Nagaraj

Treasurer, NES

**PATRONS** 

Dr. Shashidhar K. Kudari

Principal, JNNCE, Shivamogga

Dr. P. Manjunath

Professor & Dean Academics, JNNCE, Shivamogga

Dr. M. M. Rajath Hegde

Professor & Dean Infrastructure, JNNCE, Shivamogga

Dr. E. Basavaraj

Professor & Head, Mech. Dept., JNNCE

### COORDINATOR

Dr. K. Sabeel Ahmed

Professor, Mechanical Dept., JNNCE

# **CO-COORDINATORS**

Mr. N. D. Shivanandappa

Asst. Professor, Mechanical Dept., JNNCE

Mr. Srinivasa Murthy M. K.

Asst. Professor, Mechanical Dept., JNNCE

## **ORGANIZING COMMITTEE**

All Teaching & Non-Teaching Staff

Department of Mechanical Engineering

## **RESOURCE PERSONS**

Mr. Mahesha B. R. Pandit

Founder & CEO, Rhytify Technologies Pvt. Ltd., Bengaluru.

#### Dr. Nitin Varma

Professor of Computer Science, Chitkara University, Chandigarh.

Mr. Keshav Rajgopal

Coach, Mentor and Start-up Advisor, Bengaluru.





AICTE - ATAL Academies Sponsored One Week

Faculty Development Programme on

"Thinking around the Box"

18th to 22nd January 2021







National Education Society®

# J N N College of Engineering

Shivamogga - 577 204, Karnataka State.

(Affiliated to VTU Belagavi, Recognized by Govt. of Karnataka) Accredited by NBA (All 7 UG Branches), Accredited by NAAC And Approved by AICTE, New Delhi. Certified by UGC 2f & 12B

Website: http://jnnce.ac.in/ Contact: 08182-268800 | Fax: 08182-222450

#### ADDRESS FOR COMMUNICATION

Dr. K. Sabeel Ahmad

Professor, Department of Mechanical Engineering, JNNCE Ph: +91 72048 85064 | E-mail: sabil\_k@jnnce.ac.in

#### ABOUT THE INSTITUTION:

JNNCE was established in the year 1980 by the National Education Society. The college is affiliated to Visvesvaraya Technological University (VTU), Belagavi and recognized by AICTE, New Delhi and Government of Karnataka. JNNCE offers B.E., M.Tech., MBA and MCA programmes, as well as M.Sc. (Engg. by Research) and Ph.D. programmes.

JNNCE has emerged as one of the most sought- after education destinations for technical and management education by students and parents from all over India.

JNNCE is accredited with NAAC - B grade also All 7 UG programmes are Accredited by NBA and is now declared fit to receive central assistance in terms of rules framed under section 2(f) and 12(B) of the UGC act, 1956 under the head 'Non-Government Self- Financed colleges up to Master's degree.

JNNCE has emerged as one of the institutions espoused to the cause of professional education, training and research. A New Initiative "Transformation for Excellence 2.0" has been launched for making JNNCE as one of the top engineering, research, innovation and enterprising institutes in next few

#### ABOUT THE DEPARTMENT:

years.

Established in 1980, Mechanical Engineering department has a dynamic, highly qualified & experienced faculty constantly engaged in R&D activities.

Fully equipped labs with CAD/CAM/CAE, CNC training and Robot facilities and Condition Monitoring lab provide an environment where students can experience the vast expanse of Mechanical Engineering.

The department has a number of research projects in the areas of stress analysis, vibration, composite materials & Bio fuel sponsored by AICTE/VTU.

The department also has been recognized as a research center by VTU, leading to Doctoral and M.Sc. (Engineering) degrees.

#### DEPARTMENT VISION:

To be a model department with academic excellence and technical expertise, grooming students to become Mechanical Engineers of best quality to meet ever changing needs of industry and society.

#### DEPARTMENT MISSION:

- Impart technical education of highest standard by qualified and experienced faculty in the field of Mechanical Engineering through effective teaching learning process.
- Continuously upgrade knowledge, skill and engage in Research & Development activity by executing challenging projects in association with academia and industry.
- Imbibe ethical, environmental and social values amongst students using value-based education.

#### ATALACADEMY:

AICTE Training and Learning (ATAL) Academy is established with the vision "To empower faculty to achieve goals of Higher Education such as access, equity and quality". AICTE is committed for development of quality technical education in the country by initiating various schemes launched by Govt. of India, Ministry of Human Resource Development. Council understand that there is a need to train the young generation in skill sector and having faculty & technicians to be trained in their respective disciplines. Training is required for increasing the knowledge and skills of students to make them more employable to acquire global competencies.

#### ABOUT THE FDP

The box has been a metaphor for existing and limiting thoughts and processes. There have been calls to think outside of the box - in terms of disruptive innovation. But the disruptive innovation is not an ideal fit for many contexts. The alternative is thinking around the box - the existing systems. The power of little ideas can help transform enterprises as we have seen in the case of Lego. Thus, there is a need to learn this art of doing more with less by thinking around the box.

#### TENTATIVE TOPICS TO BE COVERED:

- Seeing innovation differently.
- Design Thinking for innovation.
- How little innovations produce big results.
- Masters of the third way: LEGO and Apple.
- · The four decisions and why they are different
  - Decision 1: The Key Product
- · Decision 2: The Business Promise
- Decision 3: Innovation Process
- Decision 4: Innovation Delivery
- · Creative Thinking for stress management.
- Design thinking and the third way.

#### WHO CAN ATTEND?

Faculty members / research scholars / PG scholar from academic institutes approved by the AICTE / UGC / MHRD working in Private / Public / Government organizations can attend the course.

#### REGISTRATION

No registration fee. The number of participants is limited to 200 on first come first serve basis using the following link.

https://www.aicte-india.org/atal

https://atalacademy.aicte-india.org/signup

#### **IMPORTANT DATES**

Last Date for Registration: 16th January 2021

Selection Notification (Via E-Mail): 17th January 2021

#### NOTE:

Certificate shall be issued to those who maintain 80% attendance and score minimum 60% marks in test.

Link for Atal online FDP on Design Thinking: https://meet.google.com/ibd-hdew-bhe

| Date  | Session 1   | Session 2   | Session 3  |  |
|---|---|---|--|--|
| Day   | 10:00 to 11:30  | 11:45 to 13:15  | 14:30 to 16:00   |  |
| 18-Jan-2021<br>Monday   | Inauguration  Key Note Address: Getting in between disruptive & incremental innovation  Mahesha BR Pandit | Overview<br>Seeing Innovation Differently                       | Overview  Design Thinking for Innovation                                   |  |
|   |   | Keshav Rajgopal   | Mahesha BR Pandit  |  |
| 19-Jan-2021<br>Tuesday  | Foundation How Little Innovations Produce Big Results   | Foundation  Masters of the Third Way: LEGO and Apple            | Foundation The Four Decisions and Why They are Difficult                   |  |
|   | Keshav Rajgopal   | Mahesha BR Pandit   | Keshav Rajagopal   |  |
| 20-Jan-2021<br>Wednesday  | Depth Decision 1: The Key Product  Dr Nitin Varma   | Depth Decision 2: The Business Promise Dr Nitin Varma           | Depth Decision 3: Innovation Process  Dr Nitin Varma                       |  |
| 21-Jan-2021 Decision 4: Innovation Delivery Thursday Dr Nitin Varma |   | Life Skills Creative Thinking for Stress Management Bandana Rai | Comparison Design Thinking and The Third Way Mahesha BR Pandit             |  |
| <b>22-Jan-2021</b><br>Friday  | Online Examination Academic Conditions  |   | Conclusion Results, Feedback, Q&A and Open Discussion All Resource Persons |  |



#### NATIONAL EDUCATION SOCIETY®

# J N N COLLEGE OF ENGINEERING (JNNCE) SHIVAMOGGA - 577 204



(Approved by AICTE, New Delhi, Certified by UGC 21 & 128,

Accredited by NAAC-'B', UG Programs: CE, ME, EEE, ECE, CSE, ISE, TCE

Accredited by NBA:1.7.2019 to 30.6.2022, Recognized by Govt. of Karnataka & Affiliated to VTU, Belagavi)

Contact: 08182-268800/1 | Fax: 08182-222450 | Website: http://jnnce.ac.in

# Department of Mechanical Engineering

Welcomes You for the Inaugural Function of

# **AICTE - ATAL Academy Sponsored**

One Week Online Faculty Development Programme
On

# "Thinking around the Box"

18th Monday, January 2021, 10:00 AM

**Chief Guest** 

Mr. Mahesha B. R. Pandit

Founder &CEO, Rhytify Technologies Pvt. Ltd., Bengaluru.

**Guest of Honour** 

Sri S. N. Nagaraja

Secretary, NES, Shivamogga

Presided over by

Dr. Shashidhar K. Kudari

Principal, JNNCE, Shivamogga

Presence

Dr. Manjunatha P.

Dean-Academics, JNNCE, Shivamogga

Dr. M. M. Rajath Hegde

Dean-Infrastructure, JNNCE, Shivamogga

# You are cordially invited

Dr. E. Basavaraj

Professor & Head,

Dr. K. Sabeel Ahmed

ATAL - FDP Coordinator,

Mr. N. D. Shivanandappa

Mr. M. K. Sreenivas Murthy

ATAL - FDP Co-coordinators,

Department of Mechanical Engineering JNNCE, Shivamogga

Faculty, Technical & Supporting Staff of Mechanical Engineering Department JNNCE, Shivamogga

Link for Atal online FDP on Design Thinking: https://meet.google.com/ibd-hdew-bhe

J N N College of Engineering, Shivamogga
(Approved by AICTE, New Delhi, Certified by UGC 21 & 128, Accredited by NAAC-B' & Accredited by NBA:1.7.2019 to 30.6.2022, Recognized by Govt. of Karnataka & Affiliated to VTU, Belagavi. UG Programs: CE, ME, EEE, ECE, CSE, ISE, TCE.)



# DEPARTMENT OF MECHANICAL ENGINEERING

Welcomes You for the Valedictory Function of



# One Week Online Faculty Development Programs



# AICTE - ATAL Academy Sponsored "Thinking around the Box"



Date: 22nd January 2021

**Chief Guests** 

Mr. Mahesha B. R. Pandit

Founder & CEO, Rhytify Technologies Pvt. Ltd., Bengaluru.

Dr. Nithin Varma

Specialist for e-Governance for Edu Tech Solutions.

Mr. Keshav Rajgopal

Coach, Mentor and Start-up Advisor, Bengaluru.

Presided over by

Dr. Shashidhar K. Kudari

Principal, JNNCE, Shivamogga.

Presence

Dr. M. M. Rajath Hegde

Professor & Dean Infrastructure, JNNCE, Shivamogga.

Dr. E. Basavaraj

Professor & Head,

Dept. of Mechanical Engineering, JNNCE, Shivamogga.

Coordinator

Dr. K. Sabeel Ahmed

Professor & ATAL - FDP Coordinator,

Dept. of Mechanical Engineering, JNNCE, Shivamogga.

Date: 22<sup>nd</sup> January 2021 at 12:30 PM | Venue: Mech Dept., JNNCE

You are cordially invited

Mr. Srinivasamurthy M. K. & Mr. N. D. Shivanandappa Co-Coordinator ATAL-FDP & Assistant Professors Department of Mechanical Engineering JNNCE, Shivamogga

Faculty & Staff of Mechanical Engineering Department JNNCE, Shivamogga

# J N N COLLEGE OF ENGINEERING

# DEPARTMENT OF MECHANICAL ENGINEEEING

# ATAL FDP ON "THINKING AROUND THE BOX"-18<sup>TH</sup> TO 22<sup>ST</sup> JANUARY 2021

# LIST OF PARTICIPANTS

| SN  | Name                           | Institute  |
|-----|--------------------------------|--|
| 1   | Dr. Santhosh Ujjinappa         | J. N. N. College of Engineering                            |
| 2   | Mr. Anil Kumar J               | JNNCE, Shivamogga  |
| 3   | Dr. Rajprakash H G             | JNNCE  |
| 4   | Mr. Parameshwara s             | JNN college of Engineering                                 |
|     | Mr. JAYAVARDHANA               |  |
| 5   | ACHARYA N                      | JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING                |
| 6   | Mr. Abdul Saleem S             | JNN COLLEGE OF ENGINEERING                                 |
| 7   | Mr. Mujeebur Rehaman           | PES Institute of Technology and Management Shimoga         |
| 8   | Mr. Amith V                    | East Point Engineering College                             |
| 9   | Dr. Jacob PM                   | Naipunnya Business School                                  |
| 10  | Mr. Sagar Baburao<br>Porlekar  | D. D. V.D. (1) COE. WOLLHADUD                              |
| 1,0 | Dr. A G SHANKARA               | Dr D Y Patil COE, KOLHAPUR                                 |
| 11  | MURTHY                         | Bapuji Institute of Engineering & Technology, DAVANGERE-04 |
| 12  | Mrs. Saumi Roy                 | New Horizon College of Engineering                         |
| 13  | Dr. Dr. Shilpashree HP         | Acharya Bangalore B School                                 |
|     | Mr. Srinivasa Murthy           | Testary a Bangarine B benefit                              |
| 14  |                                | JNN College of Engineering, Shimoga                        |
|     | Mr. Keerthan Kumar T           |  |
| 15  | G                              | Siddaganga Institute of Technology                         |
|     | Mr.<br>SHIVANANDAPPA N         |  |
| 16  | D                              | J N N COLLEGE OF ENGINEERING                               |
| 17  | Mr. V K Deepankar              | J.N.N.C.E  |
| 18  | Mr. Chetan C G                 | JNN College of Engineering                                 |
| 10  | Miss PINKI                     |  |
|     | BHUPENDRABHAI                  |  |
| 19  | PANCHAL                        | GUJARAT TECHNOLOGICAL UNIVERSITY                           |
| 20  | Miss Divya Jain                | SIMS   |
| 21  | Dr. Madhu Bala Myneni          | institute of aeronautical engineering                      |
| 22  | Mr. Sangamesh Markale          | Bheemanna khandre institute of technology bhalki           |
| 22  | Mr. MD HASHMAT                 | AL EALAH SCHOOL OF ENGINEERING A MEGANICA                  |
| 23  | ALAM                           | AL-FALAH SCHOOL OF ENGINEERING & TECHNOLOGY                |
| 24  | Mrs. Jeevitha R Mrs. RAJASHREE | DG Vaishnav College  |
| 25  | DIGHE                          | AKEMI BUSINESS SCHOOL,PUNE                                 |
| 26  | Mr. ANKUR GARG                 | JSS Academy of Technical Education, Noida                  |
| 27  | Mr. Situn Krushna Sahu         | Career Point University                                    |
|     | Mr. RAJESH                     |  |
| 28  | KHURANA                        | HDFC Bank  |
| 29  | Mr. KARTHIK M                  | Sri Ramakrishna Engineering College                        |
| 30  | Miss Yuvarani E                | SNS College of Technology                                  |

| 31  | Mr. S.Kumaresh             | sri ramachandra institute of higher education and research         |
|-----|----------------------------|--|
| 32  | Dr. Mahesh H. Wagh         | Amrutvahini College Of Engineering                                 |
|     | Dr. Dr G D Anbarasi        |  |
| 33  |                            | Sathyabama Institute of Science and Technology                     |
|     | Mr.                        |  |
|     | Neelakanteswaraswamy       | D. C. I. Taraka and C. A.  |
| 4   |                            | Ramaiah Institute of Management                                    |
| 35  | Mrs. Leena Kiran<br>Sawant | ISDMs Invariantes Several Callege of the amount and research       |
| ) ) | Mrs. HARSHALI              | JSPMs Jayawantrao Sawant College of pharmacy and research          |
| 36  | YOGESH PATIL               | MET Institute of Computer Science                                  |
|     | Miss RAMANI                | WILT Institute of Computer Science                                 |
| 37  | HARSHA                     | Harivandana College  |
| 38  | Mr. D Murali Manohar       | B S Abdur Rahman Crescent Institute of Science & Technology        |
|     | Dr. Manoj Kumar            | 2 5 Froday Ramman Groboon Institute of Solomo Co x 33222222        |
| 39  | Triveni                    | Tripura Institute of Technology                                    |
| 40  | Mrs. k.Bhagya Lakshmi      | Chaitanya Bharathi Institute Of Technology                         |
|     | Mr. Pradeep N B            | Jawaharlal Nehru National College of Engineering                   |
|     | Miss Preeti Mathur         | IET Group of Institutions  |
|     | Dr. Pankaj Ardak           | Dr. Rajendra Gode Institute of Technology And Research Amravati    |
| .5  | Mrs. Gunjal Sulbha         | 21. Rajonara Gode Institute of Teenhology Find Research Fulliavati |
| 44  |                            | Amrutvahini Institute of MBA ,Sangamner                            |
| 45  |                            | Sathyabama Institute of science and technology                     |
|     | Dr. Suryakumar N.          |  |
| 46  | Khanai                     | KLS Gogte Institute of Technology, Belagavi                        |
| 47  | Mrs. Roopa Rajendran       | HkBK   |
|     | Miss Akanksha Vivek        |  |
| 48  |                            | K K W I E E R, Nashik  |
|     | Mr. MOHAMMED               |  |
| 49  |                            | KLE Dr. M. S. Sheshgiri College of Engineering and Technology      |
| 50  | Mr. Sreenivasa R           | Jain Institute of Technology                                       |
| 51  | Mr. Aswin R                | College of engineering Trivandrum                                  |
| 52  | Dr. VIKRAM                 | JNN College of Engineering   |
| 53  | Miss Priti                 | ASHOKA INSTITUTE OF TECHNOLOGY AND MNGT                            |
| 54  | Mr. Sajan M                | Manel Srinivas Nayak Institute of Management                       |
| 55  | Mrs. Sai Keerthana N       | SRM Institute of Science and Technology Ramapuram Chennai          |
|     | Mr. ANIL NIVRUTTI          |  |
| 56  | PAWAR                      | Matoshri College of Mangement and Research Centre Eklahare Nashik  |
| 57  | Mrs. Manisha Patil         | MIT ACSC Alandi(D),Pune  |
| 58  | Dr. B.Divya Priya          | Kongunadu Arts and Science College, Coimbatore                     |
| 59  | Dr. PALANI                 | Sathyabama Institute of Science and Technology                     |
|     | Dr. kamarasu               |  |
| 60  |                            | R.V.R & J.C. College of Engineering                                |
|     | Mr. Mr. VIDYA              | D. D. W. DATH. GOLLEGE OF EDUCATION. TV. CD.                       |
| 61  | SAGAR KUMAR                | Dr D. Y. PATIL COLLEGE OF EDUCATION, PIMPRI, PUNE                  |
| 62  | Dr. VENKATESAN S P         | Excel Engineering College  |
| 63  | Mrs. A.Sumathi             | Kings Engineering College  |
| 64  |                            | Rukmini Devi Institute of Advanced Studies, Delhi                  |
| 65  | Mr. RAVI KUMAR B N         | J N N College of Engineering                                       |
| 66  | Mrs. Seema K S             | Padmashree Institute of Management and Sciences                    |
| 67  | Mrs. rajani balaji         | Padmashree Institute of Management Studies                         |

| 68  | Mrs.<br>B.MOHANAPRIYA   | RATHINAM COLLEGE OF ARTS AND SCIENCE                                 |
|-----|-------------------------|--|
|     | Mr. HARDEEPSINH P.      |  |
| 69  | JHALA                   | Gujarat Knowledge Society  |
| 7.0 | Mrs.                    |  |
| 70  | CH.VIJAYALAKSHMI        | Tellakula Jalayya Polisetty Somasundaram College                     |
| 71  | Mr. MANU S S            | Adichunchanagiri Institute of Technology                             |
| 72  | Dr. Jini Manish Saxena  | Dr. D.Y. Patil Institute of Management & Research                    |
| 73  | Dr. Jena P Joshi        | Dr. D> Y. Patil Institute of Management and Research                 |
| 74  | Mr. Nitish Vig          | UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY                   |
| 75  | Dr. Sachin. H. P.       | JNN College of Engineering   |
| 76  | Dr. Santhosha           | J N N College of Engineering   |
| 77  | Mrs. Malarvizhi.J       | Nadar Saraswathi College of Arts and Science, Theni                  |
|     | Mr. ANILKUMAR S         |  |
| 78  | KALLIMANI               | GOVERNMENT ENGINEERING COLLEGE Huvinahadagali                        |
| 79  | Mr. Lingaraj Ritti      | Shri Madhwa Vadiraja Institute of Technology and Management Bantakal |
| 80  | Mr. Ravinarayan R Rao   | Shri Madhwa Vadiraja Institute of technology                         |
| 31  | Dr. Ajit Sao            | Priyadarshini J L College Of Engineering                             |
|     | Mr. A.B.VINAYAKA        |  |
|     | PATIL                   | BAPUJI INSTITUTE OF ENGINEERING & TECHNOLOGY                         |
| 33  | Mr. VASUDEVA T          | HMS POLYTECHNIC (Govt.Aided), Tumkur                                 |
| 34  | Miss Priyanka Kanjilal  | Asansol Engineering College  |
|     | Mr. Gadhamsetty         |  |
| 35  | Gurumahesh              | Sv college of Engineering  |
| 36  | Dr. Rachit Kumar Gupta  | GL BAJAJ GROUP OF INSTITUTIONS MATHURA                               |
| 37  | Mr. Rakesh Ranjan       | Institute of management studies, New Delhi YMCA                      |
| 88  | Miss simran kaur        | Amritsar group of colleges   |
|     | Dr. AANCHAL             | YGG 4 7777 3 7 4 1 1   |
|     | SINGHAL                 | JSSATE, Noida  |
| 0   | Dr. ANJU TRIPATHI       | JSSATE, NOIDA  |
| . 1 | Mr. sandeep kumar       | CCITC IDD  |
| )1  | dubey                   | GGITS,JBP  |
| )2  | Dr. KARUPPIAH.SP        | St.JOSEPH'S COLLEGE OF ENGINEERING                                   |
| 3   | Mr. MD HASEEN<br>AKHTAR | IIT KANPUR   |
|     |                         | P.S.R.Engineering College, Sevalpatti {P.O}                          |
| 4   | Dr. Kanagasabapathy     |  |
| )5  | Miss Chandragade A.A    | PCCOE Nigdi Keshav memorial institute of commerce and sciences       |
| 6   | Mrs. Priti Arya         |  |
| 7   | Dr. Harish V            | Government First Grade College                                       |
| _   | Dr. Harshith H S        | Channabasaveshwara Institute of Technology                           |
|     | Miss SNOWBER            | Indira Gandhi National Open University                               |
| -   | Mr. K Ravikumar         | Nalla Narasimha Reddy education society group of institutions        |
| -   | Dr. Ankita Nanda        | Model Institute of Engineering and Technology                        |
| )2  | Mr. Ankith Hebbar P     | AMC Engineering College  |
| )3  | Dr. Satya Prema         | JNNCE  |
| )4  | Mr. Madhu Mohan R       | AMC Engineering College  |
| )5  | Dr. Dr Suresha S        | REVA University  |
|     | Dr. Dhiraj Shembekar    | G H Raisoni Institute of Engineering & Technology                    |
| 06  |                         | Muffakham Jah College of Engineering & Technology                    |

|     | Mr. N MANJUNATH         |   |
|-----|-------------------------|---|
| 108 | GOWDA                   | University BDT College of Engineering   |
| 109 | Mr. Amaresh panda       | Synergy institute of engg. & Tech.  |
|     | Mr. NIKHIL GUPTA        | GNIOT ENGG. COLLEGE   |
| 111 | Mrs. Gazal Singh        | G L Bajaj   |
|     | Mr. Manbir Singh        | CT University   |
|     | Dr. Dr Amrita Baid      |   |
| 113 | More                    | PIMR  |
| 114 | Dr. Jasdeep Kaur Dhami  | CT Institute of Management & Information Technology   |
|     | Mrs. PRERNA             |   |
| 115 | KAKKAR                  | MRIIRS  |
|     | Dr. Manjunath Achar G   |   |
| 116 |                         | JNNCE, Shivamogga   |
|     | Mrs. Poornima D         | D V S Polytechnic   |
| 118 | Mrs. JyothiPrashanth    | D.v.S Polytehnic,Shimogga   |
| 110 | Dr. AJAY KRISHNA        | ASHOKRAO MANE GROUP OF INSTITUTIONS, FACULTY OF   |
| 119 | MASKE                   | MANAGEMENT STUDIES (MBA), VATHAR TARF VADGAON Ashokrao Mane Group of Institutions Faculty of Management Studies |
| 120 | Mr. sagar shivaji sutar | (MBA), Vathat tarf Vadgaon  |
|     | Mrs. VINUTHA A          | DVS Polytechnic   |
|     | Miss DIVYA THAKUR       | SIES COLLEGE OF COMMERCE AND ECONOMICS  |
|     | Dr. Nupur Soni          | Babu Banarsi Das University   |
| 123 | Mr. Md. Abdul Raheem    | Babu Baharsi Das Olliversity  |
| 124 | Junaidi                 | Muffakham Jah College of Engineering and Technology   |
| 125 | Dr. SANGRAM SINGH       | CT Institute of Management & Information Technology   |
| 126 | Miss Kavana BM          | Acharya Bangalore B-school  |
| 127 | Mrs. geeta panwar       | Govt. Polytechnic chinyalisaur uttarkashi uttarakhand   |
|     | Dr. Sanjiv Kumar Jain   | Ambala College of Engineering and Applied Research  |
|     | Miss Sumita             | SKIT Jaiipur  |
| -   | Mr. Madhusudhan G.      | JNNCE   |
|     | Dr. Sweta Singh         | ICST  |
|     | Mrs. Dipti Bajpai       | Institute of Industrial and Computer Management & Research IICMR Pune   |
| 100 | Mr. Tejas Prakash       | 1 0   |
| 133 | Sawant                  | Ashokrao Mane Group of Institutions, Faculty of Management Studies (MBA)  |
|     | Mr. MIHIRA KUMAR        |   |
| -   | SOREN                   | JHARSUGUDA ENGINEERING SCHOOL   |
| 135 | Dr. Pravin Hongunitkar  | PDA College of Engineering  |
| 136 | Dr. Debjani Guha        | Institute of Business Management and Research   |
| 137 | Mr. Vinay Kumar A G     | JNNCE   |
|     | Dr. SRINIVASA           | DDIG II GE '  |
| -   | MURTHY B.V              | JNN College of Engineering  |
| 139 | Mrs. BINDIYA K          | Jawaharlal Nehru National College of Engineering, Shivamogga  |
| 140 | Miss M. REVATHY         | SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, RAMAPURAM CAMPUS   |

# JNN College of Engineering, Shimoga Department of Mechanical Engineering AICTE ATAL FDP on "Design Thinking – Thinking Around the Box" 18.01.2021 to 22.01.2021

# **Brief Report**

Five Days AICTE ATAL online FDP on "Thinking around the Box" was conducted by the Department of Mechanical Engineering, JNNCE, Shimoga, from 18.01.2021 to 22.01.2021, The inaugural function of the program started on 18.01.2021 at 10 am with the invocation by Mr. Arun Bhadri.

Mr. N D Shivanandappa, Co-coordinator of the FDP welcomed the online participants and guests and offline gathering. Dr. K Sabeel Ahmed, FDP Coordinator gave a brief introduction to within the box thinking and out of the box thinking and highlighted about the organization of the FDP and mandatory requirements to the satisfied by the participants for getting the certificates. He also introduced the chief guest of Inaugural function, Mr. Mahesha B.R. Pandit, Founder and CEO, Rhytify Technologies Pvt Ltd, Bangalore, who was connected in the online mode. This was followed by the address by the chief guest and guest of honor Sri Nagaraja S N, Secretary, National Education Society, Shimoga. Dr E Basavaraj, HOD, Mechanical Engineering Department gave the introduction to the Department.

Dr.P Manjunatha addressed the gathering and thanked AICTE for sanctioning the FDP to JNNCE. Dr. Shashidhar Kudri, Principal, JNNCE, delivered the presidential address. In his speech, he brief about the importance of Design Thinking.

Mr. Ravi Kumar B N, Assistant Professor, proposed the vote of thanks.

After the completion of Inaugural function, Key Note Address was delivered by Mr. Mahesha B R Pandit. The topic of the key note address was "Getting in between disruptive and incremental innovation". At the end of the address, an assignment was also given to the participants.

The second session of Day 1 was handled by the resource person Mr Keshav Rajgopal, Coach, mentor and start-up advisor, Bengaluru. Dr K Sabeel Ahmed, Coordinator of FDP introduced the speaker. The talk was on "Seeing Innovation Differently". In his lecture, he explained about the traditional impression of innovation, innovation paradigm, perspectives on innovating and being innovative. Audio video aid was also used to deliver the contents. At the end of the session, questions were invited from the participants.

The third and the last session of Day 1 was on Overview on "Putting Thinking into Design Thinking" and was handled by Mr. Mahesha B R Pandit. In his talk he explained about how to solve problems? How to innovate? Concepts of clear thinking, creative thinking, validation etc. The end of the session was followed by questions from the participants and answers by the resource person.

The first session of DAY 2 was started at 10 am on 19.01.2021 and the resource person was Mr. Keshav Rajgopal. The topic of the session was "How little innovations produce big results". In his session he explained about the power of little ideas. He took the case studies to showcase the third way of innovation, what makes the third way different and where does the third way fit into various innovation paradigms. At the end of the session Questions were invited from the participants and discussed.

Third Way". Two case studies LEGO and APPLE were considered to demonstrate their innovations and growth. The third session of Day 2 was handled by Mr. Keshav Rajgopal. He explained about the importance of decision making and how decision can influence an action, guide and validate execution. He explained why decision is difficult in third way approach of innovation.

The third session on Day 2 was handled by Mr. Keshav Rajgopal on the topic "The four decisions and why they are difficult". He talked about importance of decision making and how decision can influence an action, guide and validate execution. He explained on why decisions are difficult in third way approach. He used audio visual aid to explain how decision making is important. Case study of Carmax and AutoNation was presented. He also threw light on the four decisions.

On Day 3 of the FDP i.e on 20.01.2021, the first session was conducted by Dr Nitin Varma, Specialist for eGovernance and Edutech Solutions. Dr K Sabeel Ahmed, FDP Coordinator introduced Dr. Nitin Verma to all the participants. He handled all the three sessions of Day 3. They are the in depth sessions on the 4 critical decisions to be made to pursue success of the third way approach of innovation. In his first session, he explained about the Decision 1-Choosing a Key Product where he explained what is a key product, how to qualify a key product, how does it reflect the strength and values of the company, identifying and focussing on key customers for key products and key product communication. He showed audio video clippings to demonstrate his presentation.

In the second session of Day 3, Dr Nitin Varma focussed on the second decision i.e Business Promise and he explained it in-depth using audio visual aid. In the third session, the resource person concentrated on the decision 3 i.e The innovation Process, taking the example of valve software company to demonstrate the innovation process. All the three sessions of Day 3 by him were very much interactive and informative.

The Day 4 first session was again taken by Dr Nitin Varma and he delivered his talk on the fourth decision i.e Innovation Delivery where he discussed about the key factors to be considered in innovation delivery.

The second session of Day 4 was on Life Skill and was conducted by Bandana Rai, the Co-founder and mentor, Ananya Tech Training, Education and Consulting Services. Dr K.Sabeel Ahmed, FDP Coordinator introduced the resource person for the participants.

Bandana Rai delivered her talk for the topic "Creative Thinking for Stress Management". She focussed on Understanding stress, Environmental, Social, Mental and Physiological causes of stress, stress management strategies – like Relax, Regenerate, Reorganizing, Reward and Resolve.

She talked about understanding the creativity and creative techniques like Reframing, Brainstorming, Mind Mapping and Insight.

The third session on Day 4 was on Hands on Design Thinking by Mahesha B R Pandit. In this session, he interacted with the participants on non-design thinking based on ideas not on design. He discussed design thinking processes, design thinking methods and tools, identifying the gap between design challenge to design solution, difference between design think and design think with 3<sup>rd</sup> way of innovation.

On the last day i.e today the session began with an examination to the participants at 10 am and that was followed by an open session on Sustainable learning in Current Academic Conditions, by Dr Nitin Varma. The final and the fifteenth session was concluding session.

Principal

Jawaharial Nehru National College of Engineering, Shivamogga. PROFESSOR

Dept. of Mechanical Engingering J.N.N. College of Engineering SHIMOGA-577-204.